1417 F.C.

CAIRO
Time of Sunrise h. 06 m. 51
Sunset h. 17 m. 06

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1946

At 8h. on 1-1-1946. الساعة ٨ يوم ١-١-١٩٤٦

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 8-14 mms	STATION NUMBER
	ww	v	DD	F	W	N	C	PPP	TTT	UU		
SALÛM	—	—	—	—	—	—	—	—	—	—	—	130
MATRÛH	01	9	30	2	1	4	8	20.6	17.4	67	0	131
MARIUT	00	7	23	2	0	2	8,1	21	20	56	0	150
ALEXANDRIA	00	9	20	2	0	0	—	20.8	18.7	65	0	132
DAMIETTA	01	8	20	3	1	4	8	20.2	19.0	63	0	159
PORT SAÏD	01	8	20	3	1	4	1	21.1	20.4	49	0	134
EL ʿARÎSH	00	7	00	0	0	3	1	21.5	21.8	51	0	135
DAMANHÛR	01	7	20	3	1	3	1	20.4	21.0	49	0	136
MANSÛRA	01	8	20	1	1	4	8	20.7	21.0	49	0	137
ṬANṬA	01	8	24	1	1	4	4	21.1	20.0	55	0	138
ZAGAZIG	02	6	18	2	1	5	8	20.8	20.4	55	0	139
SHEBÎN EL KÔM	00	9	20	3	0	3	3	20.4	22.6	43	0	—
ALMAZA	01	7	24	1	1	4	1	20.8	19.0	48	0	141
EZBEKÎYA	01	8	18	2	1	3	1	20.8	20.9	36	0	—
GÎZA	01	8	15	2	1	4	1	21.1	22.0	40	0	142
HELWÂN	00	8	00	0	0	1	1	21.2	20.0	42	0	143
SUEZ	01	9	32	1	1	4	1	21.0	20.2	42	0	144
FAIYÛM	00	6	30	1	1	2	8	21.2	21.0	45	0	153
MINYA	00	9	30	2	1	0	—	20.6	20.8	52	0	154
ASYÛṬ	00	8	26	1	1	0	—	20.4	20.8	43	0	155
NAG ḤAMÂDI	00	8	24	1	0	0	—	19.5	21.0	43	0	164
QENA	00	8	22	2	0	0	—	19.1	20.0	50	0	156
LUXOR	00	7	28	2	0	0	—	19.4	24.0	39	0	157
ASWAN	00	9	30	3	0	0	—	17.6	22.5	34	0	158
SÎWA	00	8	00	0	0	0	—	22.3	20.5	60	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	18.0	53	0	149
KHÂRGA	00	9	04	2	0	0	—	19.9	20.4	48	0	151
DÂKHLA	00	8	28	2	0	0	—	20.4	20.7	48	0	152
ṬÛR	00	7	28	3	0	0	—	19.5	21.1	42	0	145
HURGHÂDA	00	9	02	2	0	0	—	20.3	20.1	55	0	146
QUSEIR	00	8	32	3	0	0	—	19.1	23.4	55	0	147
PORT SUDAN	02	8	04	4	1	5	6,4	13	26	79	0	[illegible]
WÂDI HALFA	00	8	02	2	0	0	—	17	22	25	0	165
KAREIMA	00	9	04	2	0	0	—	14	25	34	0	166
ʿATBARA	00	8	30	3	0	0	—	12	27	42	0	167
KHARṬÛM	00	8	02	3	0	0	—	11	27	27	0	[illegible]
KASSALA	00	8	30	3	0	0	—	8	31	29	0	170
WAD MEDANI	00	8	02	2	0	0	—	12	31	17	0	171
RENK	00	9	28	3	0	0	—	—	29	10	0	182
ROSEIRES	00	8	25	1	0	0	—	7	34	20	0	172
EL OBEID	00	8	04	4	0	0	—	11	26	13	0	174
EL FÂSHER	00	8	04	2	0	0	—	—	24	26	0	175
GENEINA	00	8	06	3	0	0	—	—	30	09	0	179
KADUGLI	00	7	04	4	0	3	1	9	31	11	0	187
MALAKÂL	01	8	32	4	1	4	1	8	32	13	0	176
WÂU	05	6	06	3	1	0	—	9	32	17	0	177
JUBA	05	7	04	3	0	5	9	6	37	25	0	178

At 20h. on 1-1-1946 الساعة ٢٠ يوم ١-١-١٩٤٦

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 14-20 mms
	ww	v	DD	F	W	N	C	PPP	TTT	UU	
SALÛM	—	—	—	—	—	—	—	—	—	—	—
MATRÛH	00	9	00	0	1	0	—	21.8	16.2	69	0
MARIUT	00	7	00	0	0	0	—	21	12	88	0
ALEXANDRIA	00	6	00	0	0	0	—	21.8	17.0	61	0
DAMIETTA	05	5	00	0	1	0	—	21.2	12.1	93	0
PORT SAÏD	00	8	22	2	0	0	—	21.5	14.0	93	0
EL ʿARÎSH	00	7	00	0	0	2	1	20.0	11.6	79	0
DAMANHÛR	00	6	20	2	1	0	—	20.7	14.2	78	0
MANSÛRA	00	6	24	1	1	0	—	21.0	12.6	86	0
ṬANṬA	00	8	00	0	1	0	—	22.0	12.0	95	0
ZAGAZIG	00	6	32	2	0	0	—	20.8	12.3	74	0
SHEBÎN EL KÔM	00	9	20	2	0	0	—	21.0	13.8	78	0
ALMAZA	00	7	10	1	0	0	—	21.8	15.1	59	0
EZBEKÎYA	00	6	00	0	0	0	—	21.8	12.9	70	0
GÎZA	00	7	32	2	0	0	—	21.5	12.3	74	0
HELWÂN	00	7	32	3	0	0	—	21.8	14.8	52	0
SUEZ	00	8	00	0	0	0	—	21.8	15.7	64	0
FAIYÛM	08	4	00	0	0	0	—	21.8	13.0	74	0
MINYA	00	8	32	1	0	0	—	22.3	15.0	64	0
ASYÛṬ	00	6	22	1	0	0	—	21.2	12.2	74	0
NAG ḤAMÂDI	00	8	00	0	0	0	—	19.4	14.5	64	0
QENA	00	6	22	2	0	0	—	19.1	15.0	68	0
LUXOR	00	7	28	2	0	0	—	18.9	12.4	61	0
ASWAN	00	9	00	0	0	0	—	18.7	16.0	41	0
SÎWA	00	7	00	0	0	0	—	21.3	11.0	75	0
BAHARÎYA	00	9	00	0	1	4	—	23.9	11.0	75	0
KHÂRGA	00	9	30	2	0	0	—	20.3	14.3	54	0
DÂKHLA	00	7	28	2	0	0	—	21.4	11.3	58	0
ṬÛR	00	7	28	3	0	0	—	17.4	16.5	49	0
HURGHÂDA	00	9	26	1	0	0	—	17.9	16.5	56	0
QUSEIR	00	8	32	1	0	0	—	18.3	16.7	36	0
WÂDI HALFA	00	8	02	1	0	0	—	19	11	—	—
KAREIMA	00	8	04	2	0	0	—	17	13	—	—
ʿATBARA	00	8	32	3	0	0	—	15	18	—	—
KHARṬÛM	00	8	30	3	0	0	—	15	18	—	—
KASSALA	05	7	32	1	0	3	4	12	21	—	—
WAD MEDANI	00	9	32	3	0	0	—	14	19	—	—
RENK	00	9	32	3	0	0	—	11	21	—	—
ROSEIRES	00	8	28	1	0	0	—	12	20	—	—
EL OBEID	00	9	32	2	0	0	—	15	16	—	—
EL FÂSHER	00	8	30	2	0	0	—	—	12	—	—
GENEINA	00	8	04	3	0	0	—	—	16	—	—
KADUGLI	01	8	04	4	1	4	2	12	21	—	—
MALAKÂL	01	8	02	5	0	3	4	12	17	—	—
WÂU	02	7	00	0	1	5	6,4	13	18	—	—
JUBA	00	8	30	1	0	0	—	12	24	—	—

Upper Winds are in the Code HHDDVV where HH is Height 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 12 h.	MARIUT h. m.	PORT SAÏD h. m.	ALMAZA h. m.	MINYA h. m.	LUXOR 12 h. 45m.	HURGHADA h. m.	WÂDI HALFA 13 h. 15m.	KAREIMA h. m.	KHARṬÛM 13 h. m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL 13 h. 15m.	JUBA 13 h. 30m.
03 25 15					03 36 05		10 02 20		10 02 20	10 04 05	10 05 20	10 04 20	10 09 30
06 27 20					06 01 10		15 04 10		15 34 20	15 04 05	15 04 15	15 05 25	15 07 15
10 27 25					10 02 05		20 01 05		20 29 45	20 06 05	20 35 20	20 04 15	
15 27 25					15 12 10				25 29 40	25 06 05	25 28 15	25 06 30	25 06 20
20 25 40					20 08 15				30 25 45	35 07 05	35 23 15	35 07 15	35 02 15
30 26 30					30 21 15				40 23 40	40 07 05	40 21 25		40 02 10
40 26 55					40 24 20						50 20 30		
					50 23 30								
					60 15 50								

LIBRARY
Remarks

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

U.S. Dept of Commerce
MAY 5 - 1947
WEATHER BUREAU

STATION	Mean of day HUMIDITY % 1st	Diff from normal	Mean of day WET BULB TEMP °C 1st	Diff from normal	Previous day Reading	Previous day Diff. from normal
Alexandria	56	-10	12.7	+0.2		
Ezbekîya	63	-6	10.7	-0.1		
Gîza	68	-6	11.5	+1.0		
Helwân	52	-6	10.7	+0.8		

GÎZA — GRASS MINIMUM TEMP. ON 2-1-1946. 1.3°C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON 2-1-1946. 15.2°C

	DATE	1946	1945
Discharges at Aswân measured by sluices m³ per sec.	2-1	1505	868
	1-1	1505	868

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1-1	—	—	12.78	-0.66
Nâsser		—	—	—	—
Malakâl		12.28	+0.52	12.23	+0.49
J. Aulia Res.		—	—	377.07	—
J. Aulia D.S		—	—	372.20	+0.05
Roseires		13.10	+0.69	13.13	+0.70
Sennar Res.		—	—	20.69	—
Khartûm	2-1	—	—	11.24	-0.03
Kh. el Girba		—	—	—	—
ʿAtbara		—	—	10.97	+0.10
Kajnarti		—	—	134.15	-0.08
Aswân Res.		121.04	—	121.06	—
Aswân D.S		86.14	-0.05	86.14	-0.05
Roda (Cairo)		15.15	+0.23	15.15	+0.20

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

QC 991 .E3 D3 1946 (Jan.-June)

At 8h. on WEDNESDAY 2nd الاربعاء ٢ الساعة ٨ يوم ١٩٤٦ شهر يناير

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 mbs.	TEMPERATURE Dry Bulb °C TTT	TEMPERATURE MAXIMUM Yesterday °C MM	TEMPERATURE MAXIMUM Diff. from norm °C	TEMPERATURE MINIMUM Today °C mm	TEMPERATURE MINIMUM Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct 1 mms	RAINFALL Norm From Oct 1 mms
SALÛM	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	43
MATRÛH	02	9	20	1	0	7	8	22.3	+3.7	11.4	20	+2	10	+1	78	0	64	74
MARIUT	08	5	00	0	4	5	8,1	22	+3	11	20	—	9	—	100		120	72
ALEXANDRIA	02	7	00	0	2	5	6	22.3	+3.3	14.2	19	0	12	+1	78	0	92	99
DAMIETTA	03	4	18	1	4	3	8	21.6	+3.6	11.3	20	—	9	—	99	0	33	41
PORT SAÏD	00	8	18	2	0	0	—	21.8	+4.1	12.9	21	+2	10	-1	76	0	30	32
EL ʿARÎSH	00	7	16	1	0	0	—	21.5	+2.9	13.5	22	+3	7	-1	92	0	96	34
DAMANHÛR	40	1	24	1	4	9	—	22.2	+3.6	16.2	22	+2	8	0	97	0	32	37
MANSÛRA	04	4	02	1	4	0	—	21.9	+3.3	8.2	22	+2	7	-1	98	0	12	16
ṬANṬA	40	2	00	0	4	9	—	22.7	+3.6	6.6	22	+2	4	-3	99	0	29	14
ZAGAZIG	04	6	10	2	4	0	—	21.8	+2.6	9.4	23	+3	7	0	89	0	3	10
SHEBÎN EL KÔM	40	2	28	2	4	0	—	21.4	+2.2	7.7	23	—	6	—	91	0	6	
ALMAZA	00	7	09	1	0	0	—	21.6	+2.2	11.3	22	—	8	—	72	0	1	—
EZBEKÎYA	09	5	00	0	1	4	1	21.9	+2.5	10.4	23	+3	8	0	74	0	2	9
GÎZA	46	3	30	1	4	9	—	21.5	+1.9	10.5	24	+5	4	-2	81	0	13	10
HELWÂN	05	5	04	2	0	0	—	21.8	+2.2	11.8	21	+2	10	+1	67	0	2	9
SUEZ	00	9	30	1	0	0	—	21.9	+2.0	13.1	22	+2	8	-2	73	0	—	9
FAIYÛM	09	6	00	0	4	3	2	21.6	+2.2	8.0	22	+1	6	0	85	0	8	3
MINYA	00	8	32	1	0	0	—	21.2	+1.4	7.5	21	+1	6	-1	—	0	4r	—
ASYÛṬ	00	6	22	1	0	0	—	21.2	+1.0	8.8	22	+2	6	0	80	0	0	3
NAG ḤAMÂDI	00	8	00	0	0	0	—	20.4	+0.7	10.9	22	—	4	—	74	0	0	—
QENA	04	6	26	2	0	0	—	20.4	+1.4	10.0	21	-2	5	-2	74	0	0	—
LUXOR	00	7	10	2	0	0	—	20.4	+1.2	12.5	25	+1	3	-3	65	0	0	—
ASWAN	00	9	32	1	0	0	—	19.1	+0.1	14.0	23	-1	10	-1	51	0	0	—
SÎWA	00	7	00	0	0	0	—	—	—	8.0	22	+2	5	+1	79	0	1	5
BAHARÎYA	01	9	00	0	1	4	—	23.4	+3.2	10.5	19	-1	6	+1	69	0	0	4
KHÂRGA	00	9	30	2	0	0	—	20.3	+0.9	9.6	22	-1	5	-2	71	0	0	—
DÂKHLA	00	7	28	2	0	0	—	22.2	+1.6	7.3	22	0	5	0	82	0	0	—
ṬÛR	00	7	04	3	0	0	—	—	—	11.9	21	0	9	0	68	0	0	7
HURGHÂDA	00	9	30	2	0	0	—	19.0	+1.1	16.2	20	-2	11	0	50	0	0	3
QUSEIR	00	8	28	1	0	0	—	18.6	+1.0	18.0	24	0	15	0	34	0	11	4
PORT SÛDÂN	52	8	28	3	5	7		16		22					83	1p	17	84
WÂDI HALFA	00	8	02	1	0	0	—	19		11					44	0	1r	—
KAREIMA	00	8	04	2	0	0	—	17		13					36	0	7	1
ʿATBARA	00	8	32	3	0	0	—	15		18					68	0	2	2
KHARṬÛM	00	8	30	3	0	0	—	15		18					43	0	3	4
KASSALA	05	7	32	1	0	3	4	12		21					74	0	31	8
WAD MEDANI	00	9	32	3	0	0	—	14		19					73	0	13	12
RENK	00	9	32	3	0	0	—	11		21					44	—	—	49
ROSEIRES	00	8	28	1	0	0	—	12		20					43	0	8r	36
EL OBEID	00	9	32	2	0	0	—	15		16					34	0	44	16
EL FÂSHER	00	8	30	2	0	0	—	—	—	12					55	0	2	6
GENEINA	00	8	04	3	0	0	—	—	—	16					17	0	—	4
KADUGLI	01	8	04	4	1	4	2	12		21					23	—	—	89
MALAKÂL	01	8	02	5	0	3	4	12		17					42	0	17r	88
WÂU	02	7	00	0	1	5	6,4	13		18					64	0	11.3	143
JUBA	00	8	30	1	0	0	—	12		24					54	0	18r	144

Upper Winds are in the Code HHDDVV where HH is Height 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 7 h.	MARIUT h. m.	PORT SAÏD h. m.	HELWÂN 8 h. 30m.	MINYA h. m.	ASYÛṬ 7 h. m.	LUXOR 7 h. m.	ASWÂN h. m.	WÂDI HALFA 7 h. 15m.	ABU ḤAMAD 7 h. m.	KHARṬÛM 6 h. 30m.
03 25 05			02 04 15		02 32 10	03 07 05		10 06 30	10 05 35	10 09 10
05 20 10			05 04 25		05 02 30	05 03 10		15 05 10	15 06 25	15 11 15
10 23 15			08 03 25		10 36 20	10 04 15		20 33 15	20 07 20	20 28 20
15 18 05			10 02 25		15 09 05	15 33 05		25 30 30	25 07 15	25 46 10
20 08 10			20 24 24		20 12 10	20 02 10		35 29 30	35 06 10	35 19 10
25 18 10			30 23 30		25 26 05	25 03 05		40 27 30	40 27 15	40 16 05
			40 25 35		30 27 15	30 10 05		50 26 30	50 33 15	50 28 25
			50 26 50		35 28 20	35 25 15			60 33 15	
			54 25 50							

KASSALA h. m.	KHARṬÛM SÛDÂN 7 h. 15m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. 30m.	GENEINA 7 h. 15m.	MALAKAL 7 h. m.
	10 05 40	10 03 20	10 01 25	10 07 30	10 03 40
		15 05 40	15 05 40	15 05 15	15 05 50
		20 03 20	20 06 20	20 02 05	20 08 20
		25 01 20		25 33 10	25 06 30
		35 29 05		35 33 05	
		40 20 05		40 33 10	
		50 23 20		50 13 05	
		60 26 35			

UPPER AIR TEMP. ALMAZA AT 23 05 G.M.T ON 1st

HEIGHT FEET	PPP m.b.	TT °C	TT °C
Surface	1012	51	47
500	994	61	51
1000	976	58	49
1500	958	56	43
2000	941	53	46
4000	874	46	39
6000	811	43	29
8000	752	39	27
10000	696	34	25
12000	644	21	20
14000	595	20	16
16000	549	10	8

CYPRUS SYNOPTIC 8h. ON 2nd
34713 02882 26226 21110 90404 01481
34985 02863 28116 21504 20401 00050

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.

70734

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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Information Manufacturing Corporation
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September 14, 1999

CAIRO
Time of Sunrise 06 h. 51 m.
Sunset 17 h. 07 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.G.

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦

At 14h. on 2nd (الساعة ١٤ يوم ٢) and At 20h. on 2nd (الساعة ٢٠ يوم 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 8-14h 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
Salûm																							130
Matrûh	01	9	30	1	2	4	8	21.4	17.6	67	0	00		00	0	1	0	—	21.5	16.4	71	0	131
Mariut	02	7	30	1	2	6	2	20	18	52	0												150
Alexandria	02	9	00	0	2	6	6	20.7	19.0	64	0	01	6	04	2	2	4	4	21.5	16.0	59	0	132
Damietta	02	8	30	1	2	7	5	20.4	16.4	84	0	00	7	32	1	1	0	—	20.8	12.4	95	0	159
Port Sa'îd	02	7	18	3	2	5	4	20.7	17.4	75	0	00	8	22	2	0	0	—	20.7	15.2	81	0	134
El 'Arîsh	01	7	28	2	0	4	1	19.9	16.3	77	0	00	7	00	0	0	0	—	19.2	13.3	85	0	135
Damanhûr	01	7	28	3	1	5	8	20.2	23.2	54	0	01	6	28	3	1	3	8	20.3	13.3	76	0	136
Mansûra	02	8	32	2	2	5	9	20.7	18.7	55	0	00	6	04	1	1	0	—	21.8	13.8	80	0	137
Tanta	02	8	32	1	2	7	5	21.0	19.0	63	0	00	8	00	0	1	0	—	21.4	11.8	97	0	138
Zagazig	02	6	30	2	1	7	8	20.3	19.2	60	0	00	6	32	2	0	0	—	21.9	12.3	77	0	139
Shebîn el Kôm	01	7	30	3	1	5	0	20.3	17.7	66	0	00	7	30	2	0	0	—	21.2	12.4	86	0	—
Almaza	02	8	32	3	2	8	5	20.2	18.0	53	0												141
Ezbekîya	05	7	02	3	2	8	2	20.3	18.6	48	0	00	7	30	1	0	2	4	21.0	13.8	73	0	—
Gîza	05	7	02	3	1	8	4	20.4	17.7	49	0	00	6	30	1	1	0	—	20.7	11.2	86	0	—
Helwân	02	7	32	4	2	8	2	19.9	17.7	47	0	00	6	30	2	0	0	—	20.8	14.0	68	0	143
Suez	02	8	30	2	2	5	5	19.5	18.9	45	0	00	8	00	0	0	0	—	21.1	13.2	76	0	144
Faiyûm	02	8	32	3	2	7	5	19.9	18.7	45	0	00	8	32	1	0	0	—	20.7	12.0	69	0	153
Minya	02	8	30	2	2	5	2	18.8	19.7	43	0												154
Asyût	01	8	26	1	1	5	2	18.3	20.3	36	0	00	6	22	1	1	0	—	19.9	11.1	86	0	155
Nag Hamâdi	00	8	24	1	0	0	—	17.5	21.2	46	0	00	8	00	0	0	0	—	18.4	11.9	77	0	164
Qena	01	8	26	2	0	4	—	16.8	20.3	44	0	01	6	26	2	1	4	3	17.4	11.6	—	0	156
Luxor	00	7	30	2	0	0	—	17.6	24.0	37	0	00	6	28	2	0	0	—	18.3	11.7	61	0	157
Aswân	01	9	32	1	1	4	1	16.0	24.0	23	0	00	9	00	0	0	0	—	17.1	16.0	41	0	158
Sîwa	00	8	00	0	0	0	—	22.0	20.5	55	0	00	—	00	0	0	0	—	21.8	10.5	74	0	148
Baharîya	01	9	00	0	1	4	—	20.4	18.3	43	0	00	—	00	0	0	0	—	23.5	11.0	75	0	149
Khârga	00	9	04	2	0	2	1	18.4	21.6	39	0	00	—	32	2	0	0	—	19.4	15.2	54	0	151
Dâkhla	00	8	28	3	0	0	—	19.4	20.1	47	0	00	6	28	2	0	0	—	20.3	14.1	58	0	152
Tôr	00	7	28	6	0	0	—	17.9	18.5	60	0	02	—	28	3	1	8	6	—	13.8	52	0	145
Hurghâda	00	9	02	4	0	0	—	17.2	18.1	44	0	00	9	30	4	0	0	—	17.9	16.5	59	0	146
Quseir	00	8	32	3	0	0	—	15.9	24.2	37	0	00	8	32	1	0	0	—	16.4	19.6	41	0	147
Port Sûdân	03	8	32	3	5	8	6	13	24	84	tr.											0	208
Wâdi Halfa	01	8	00	0	1	4	2	15	23	29	0											0	165
Kareima	00	8	04	2	0	0	—	13	27	27	0											0	166
'Atbara	00	8	32	2	0	0	—	10	29	25	0											0	167
Khartûm	00	8	02	4	0	0	—	10	29	25	0											0	209
Kassala	00	8	30	2	1	2	1	7	33	36	0											0	170
Wad Medani	00	8	32	4	0	0	—	9	32	17	0											0	171
Renk	00	9	28	3	0	0	—	—	32	26	—											—	182
Roseires	00	8	28	1	0	0	—	6	35	16	0											0	172
El Obeid	00	9	02	4	0	0	—	8	28	23	0											0	174
El Fâsher	00	9	32	2	0	0	—	—	28	35	0											0	175
Geneina	00	8	06	3	0	0	—	—	31	11	—											—	179
Kadugli	00	8	04	3	1	1	1	8	33	10	—											—	187
Malakâl	01	8	02	3	0	5	4,5	7	33	16	0											0	176
Wâu											0											0	177
Juba	05	7	32	3	0	4	8	5	37	24	0											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 2nd

[illegible] 12h.	Mariut	Port Sa'îd	Almaza	Minya	Luxor 13h.	Port Sûdân 12h. 45m.	Wâdi Halfa 13h. 15m.	Fasher 13h.	Khartûm 13h.	Geneina 13h.	El Obeid 12h. 45m.	Malakal 13h.	Juba 13h.
03 29 15					02 27 05	03 36 30	09 03 10	09 04 05	09 02 35	09 08 10	09 03 20	09 02 15	09 10 25
06 27 10					06 29 15	06 01 30	15 03 10	15 05 15	15 02 40	15 04 15	15 05 30	15 03 10	15 08 20
09 35 05					09 29 25		21 33 05	21 36 20	21 02 40	21 02 15	21 36 15	21 04 15	21 07 20
12 02 10					15 26 15		27 30 30	27 35 15	24 02 40	27 35 10	27 28 10	27 04 15	27 06 20
15 30 05					21 02 05		33 28 35	33 31 05		30 33 05	33 26 20	33 05 20	33 05 20
24 35 15					33 29 10		39 26 30				39 27 05		39 03 20
30 33 15													

[illegible]

Station	Humidity % on 2nd	Diff. from normal	Wet Bulb Temp °C on 2nd	Diff. from normal
Alexandria	64	-2	13.1	+0.7
Ezbekiya	67	-2	10.9	+0.1
Giza	77	+3	10.5	0.0
Helwân	64	+6	10.7	+0.8

GÎZA — GRASS MINIMUM TEMP ON 3rd 5.0° C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	3-1	1505	868
	2-1	1505	868

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 3rd 15.1° C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	3-1				
Nâsser					
Malakâl		12.20	+0.55	12.22	+0.52
J. Aulia Res.				377.08	—
J. Aulia D.S.				372.19	+0.05
Roseires		13.08	+0.69	13.10	+0.69
Sennar Res.				20.70	—
Khartûm		11.23	-0.04	11.24	-0.03
Kh. el Girba					
'Atbara		10.95	+0.14	10.95	+0.11
Kajnarti		134.09	-0.06	134.12	-0.07
Aswân Res.		121.07	—	121.04	—
Aswân D.S.		86.13	-0.06	86.14	-0.05
Roda (Cairo)		15.17	+0.26	15.15	+0.23

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

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.	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												—		—				43
Matrûh	01	9	22	1	0	4	8	20.6	+2.0	11.3	18	0	10	+1	84	0	64	76
Mariut	00	7	21	1	4	1	9	20	+1	12		—	8	—	88	0	120	73
Alexandria	01	8	00	0	2	4	8	20.8	+1.8	14.4	21	+2	12	+1	74	0	92	101
Damietta	02	7	30	2	5	7	7	19.8	+1.8	13.4	19	—	10	—	91	dr.	33	42
Port Sa'îd	01	8	28	2	1	4	6	19.6	+1.9	15.2	21	+2	11	0	87	0	30	32
El 'Arîsh	00	7	00	0	0	3	6	19.2	+0.6	11.8	19	0	8	0	93	0	36	35
Lower Egypt																		
Damanhûr	00	5	24	2	0	0	—	20.4	+1.8	7.8	23	+3	7	-1	87	0	32	38
Mansûra	01	7	32	1	1	3	8	20.0	+1.4	—	19	-1	8	0	—	0	12	16
Tanta	00	8	00	0	0	0	—	20.4	+1.3	8.5	19	-1	6	-1	98	0	29	14
Zagazig	00	6	18	2	0	0	—	20.3	+1.2	7.6	21	+1	7	0	96	0	3	10
Shebîn el Kôm	09	6	28	2	0	0	—	19.6	+0.4	8.1	20	—	6	—	94	0	6	—
Middle Egypt																		
Cairo: Almaza	05	5	00	0	4	0	—	20.2	+0.8	8.5		—	8	—	94	0	1	—
Cairo: Ezbekîya	43	3	00	0	4	9	—	20.3	+0.9	8.8	20	0	8	0	98	0	2	9
Cairo: Gîza	47	2	00	0	4	9	—	19.9	+0.3	9.5	18	-1	7	+1	96	0	13	10
Helwân	43	3	00	0	4	1	8	20.2	+0.6	10.1	18	-1	8	-1	92	0	2	9
Suez	40	2	00	0	4	9	—	20.2	+1.3	10.4	20	0	8	-2	100	0	—	9
Upper Egypt																		
Faiyûm	09	6	00	0	0	0	—	19.8	+0.4	9.0	19	-2	7	+1	87	0	8	3
Minya	00	8	30	1	0	0	—	19.6	-0.2	8.8	20	0	5	-2	57	0	dr.	—
Asyût	00	6	22	1	0	0	—	19.5	-0.7	8.0	24	+4	5	-1	85	0	0	3
Nag Hamâdi	00	8	00	0	0	0	—	19.0	-0.8	8.8	22	—	5	—	78	0	0	
Qena	04	7	26	3	0	0	—	18.4	-0.6	9.4	22	-1	5	-2	84	0	0	—
Luxor	00	7	10	2	0	0	—	18.8	-0.5	13.5	25	+1	3	-3	64	0	0	—
Aswân	00	9	00	0	0	0	—	17.8	-1.2	15.0	25	+1	8	-3	47	0	0	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	—	—	6.0	23	+3	3	-1	85	0	1	5
Baharîya	00	9	00	0	0	0	—	22.0	+1.7	10.2	19	-1	6	+1	72	0	0	4
Khârga	00	9	28	1	0	0	—	19.9	+0.5	7.0	22	-1	5	-2	86	0	0	—
Dâkhla	00	7	24	1	0	0	—	20.4	-0.2	7.8	21	-1	5	0	82	0	0	—
Red Sea																		
Tôr	00	7	04	3	0	0	—	18.7	+0.7	14.9	19	-2	10	+1	76	0	0	7
Hurghâda	00	9	30	5	0	0	—	17.6	-0.4	16.1	21	-1	11	0	51	0	0	3
Quseir	00	8	26	1	0	0	—	16.4	-1.2	17.8	24	+1	15	+1	42	0	11	4
Port Sûdân	51	8	28	4	8	5	7	14								tr.	17	84
North Sûdân																		
Wâdi Halfa	00	8	32	1	0	0	—	18		11					51	0	tr.	—
Kareima	00	8	00	0	0	0	—	16		14					59	0	7	1
'Atbara	00	8	32	3	0	0	—	14		19					49	0	2	2
Khartûm	00	8	31	3	0	0	—	14		18					43	0	3	4
Kassala	00	8	00	0	0	0	—	12		21					78	0	31	8
Central Sûdân																		
Wad Medani	00	9	02	4	0	0	—	12		20					35	0	13	12
Renk	00	9	04	3	0	0	—	11		21	—		—		44	—	—	49
Roseires	00	8	30	2	0	0	—	10		19					52	0	80	36
El Obeid	00	9	30	4	0	0	—	14		16					39	0	44	16
El Fâsher	00	9	02	2	0	0	—	—	—	14					48	0	2	6
Geneina	01	8	08	1	0	3	1	—	—	14	—		—		32	—	—	4
Kadugli											—		—			—	—	89
South Sûdân																		
Malakâl	00	8	04	2	0	3	4,1	12		22					36	0	170	88
Wâu	00	8	32	1	0	1	4	12		20					56	0	113	143
Juba	01	7	28	1	0	4	1	11		25					45	0	188	144

Upper Winds are in the Code HHDDVV where HH is Height 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 (٣ يناير)

Matrûh 7h.	Mariut 7h. 15m.	Hurghâda 7h.	Helwân 9h.	Minya 7h. 30m.	Asyût 7h.	Luxor 7h.	Aswân	Wâdi Halfa 7h. 15m.	Abu Hamad	Juba 7h.	Khartûm 8h. 15m.
03 23 15	03 27 05	03 33 65	02 36 15	03 01 30	02 34 15	03 22 10		09 03 25		09 07 35	06 02 50
06 16 05	06 24 05	06 32 55	05 04 25	06 01 55	05 35 30	06 34 10		15 01 20		15 09 50	09 03 55
09 16 05	09 25 10	09 32 20	08 05 35	09 02 55	10 35 30	09 33 15		21 34 20		21 10 30	15 35 30
12 25 05	15 33 25	15 32 10	12 04 10	15 34 20	15 31 20	15 33 20		27 33 05		27 07 40	21 27 35
15 22 05	21 24 02	21 28 20	15 05 05	21 31 20	20 30 20	21 30 20		33 27 25		33 09 30	24 24 20
18 27 05	24 32 20	24 28 30	19 03 20	24 31 30	25 26 15			39 32 05		39 09 35	39 27 55
	27 32 25	30 27 20		30 28 15							
	30 29 20	33 03 30		40 28 30							

Kassala 7h.	Port Sûdân 7h. 15m.	El Obeid 7h. 15m.	El Fâsher 7h.	Geneina 8h.	Malakal 7h. 30m.
09 03 20	03 01 35	09 02 55	09 34 05	09 06 30	09 04 50
15 03 20	06 03 30	15 02 30	15 34 10	15 05 35	15 05 40
21 03 30		21 01 15	21 35 15	21 36 15	21 06 25
27 04 30		27 34 10		27 32 35	
33 05 15		33 24 15		33 31 15	
39 20 10		39 23 20		36 31 15	

UPPER AIR TEMP ALMAZA AT 00h. G.M.T. ON 3rd

Height feet	PPP	[illegible]	[illegible]
Surface	1010	50	49
500	992	56	52
1000	974	54	50
1500	956	52	48
2000	939	50	46
4000	872	42	37
6000	809	42	29
8000	750	38	29
10000	695	32	27
12000	642	26	22
14000	593	18	16
16000	547	9	8

CYPRUS SYNOPTIC 8h. ON 3rd
34700 02990 28215 19080 52402 00061
34954 02862 32125 19100 61302 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	[illegible]-12	2
Light	[illegible]-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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

CAIRO
Time of Sunrise h. 06 m. 52
Sunset h. 17 m. 08

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

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦

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

	STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 8-14 mms	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 14-20 mms	STATION NUMBER
		ww	v	dd	f	w	N	C	ppp	TTT	UU		ww	v	dd	f	w	N	C	ppp	TTT	UU		
MEDITERRANEAN	SALÛM																							130
	MATRÛH	01	9	28	1	1	5	8	18.8	17.0	63	0	00	—	00	0	1	0	—	19.9	16.3	73	0	131
	MARIUT	02	7	28	1	1	5	8	18	17	60	0	00	7	00	0	1	1	6	19	12	76	0	150
	ALEXANDRIA	02	8	30	2	5	7	7	18.4	17.0	70	tr.	01	6	04	1	2	4	8	19.8	16.0	59	0	132
	DAMIETTA	02	8	28	3	5	5	8	17.5	16.9	76	dr.	00	6	28	1	1	0	—	18.6	12.5	98	0	159
	PORT SAID	50	7	28	2	2	6	7	18.2	15.6	83	dr.	01	8	28	2	5	4	6	18.6	14.8	do	dr.	134
	EL ARISH	00	7	28	1	0	2	6	18.0	19.9	72	0	00	7	00	0	0	0	—	—	12.6	81	0	135
LOWER EGYPT	DAMANHUR	02	6	28	3	2	5	8	19.2	21.2	58	0	00	6	28	2	1	0	—	18.0	14.2	78	0	136
	MANSURA	01	7	04	2	1	4	9	18.0	18.6	60	0	00	6	02	2	1	0	—	19.0	13.8	80	0	137
	TANTA	01	8	00	0	1	4	8	17.9	19.8	61	0	00	8	00	0	0	0	—	19.4	12.4	95	0	138
	ZAGAZIG	02	6	02	3	1	5	8	17.4	15.2	68	0	00	6	32	2	0	0	—	18.2	13.3	88	0	139
	SHEBIN EL KOM	01	8	02	3	1	3	8	17.4	18.3	59	0	00	8	02	2	0	0	—	19.1	12.8	81	0	—
MIDDLE EGYPT	CAIRO ALMAZA	02	7	28	2	1	5	8	17.7	18.5	63	0	00	7	06	1	2	0	—	18.8	14.4	76	0	141
	CAIRO HELIOPOLIS	02	7	04	3	1	6	1	17.6	18.4	58	0	01	7	30	2	1	4	8	18.8	13.8	77	0	—
	CAIRO GIZA	02	8	02	3	1	5	2	17.4	18.2	59	0	01	7	30	2	1	3	8	18.8	13.6	81	0	—
	HELWAN	02	7	32	4	2	6	8	17.2	18.2	44	0	00	6	32	3	0	3	1	18.6	14.8	69	0	143
	SUEZ	01	9	30	2	1	4	3	17.6	18.2	58	0	00	8	00	0	0	0	—	—	13.2	76	0	144
UPPER EGYPT	FAIYUM	02	8	02	3	2	5	6	17.2	18.6	49	0	00	8	00	0	0	0	—	18.7	12.9	70	0	153
	MINYA	02	8	30	2	2	5	2	16.4	19.3	49	0	00	8	32	1	1	0	—	17.2	15.2	64	0	154
	ASYUT	01	7	28	2	1	4	2	17.0	18.5	50	0	01	6	22	1	1	4	2	17.6	14.1	86	0	155
	NAG HAMADI	00	8	24	1	0	0	—	16.2	18.5	50	0	00	8	00	0	0	0	—	16.3	13.0	75	0	164
	QENA	00	8	26	2	0	0	—	14.7	18.8	49	0	01	6	26	2	0	3	3	15.2	14.2	87	0	156
	LUXOR	00	7	28	2	0	0	—	13.8	23.0	40	0	00	6	28	2	0	0	—	15.8	14.3	45	0	157
	ASWAN	00	9	28	1	0	0	—	14.0	23.5	23	0	00	9	00	0	0	0	—	15.6	15.0	25	0	158
WESTERN DESERT	SIWA	00	8	00	0	0	0	—	19.9	19.0	58	0	00	—	00	0	0	0	—	21.1	9.0	87	0	148
	BAHARIYA	01	9	00	0	1	4	—	19.4	17.4	49	0	00	—	00	0	0	0	—	—	12.5	71	0	149
	KHARGA	00	9	02	3	0	2	1	16.8	20.0	41	0	00	9	28	2	0	0	—	17.2	15.6	57	0	151
	DAKHLA	00	8	28	3	0	0	—	17.2	18.9	50	0	00	6	32	1	0	0	—	17.4	15.0	65	0	152
RED SEA	TOR	00	7	28	4	0	0	—	—	20.8	52	0	00	7	28	3	0	0	—	15.4	—	31	0	145
	HURGHADA	00	9	02	5	0	0	—	16.3	19.5	39	0	00	9	02	5	0	0	—	—	18.1	44	0	146
	QUSEIR	00	8	32	3	0	0	—	14.4	24.6	45	0	00	8	30	1	0	0	—	13.8	18.3	53	0	147
	PORT SUDAN	02	8	32	3	8	6	6	11	26	70	tr.												208
NORTH SUDAN	WADI HALFA	00	8	02	2	0	0	—	14	22	23	0												165
	KAREIMA	00	8	32	2	0	3	1	11	27	23	0												166
	ATBARA	00	8	32	1	0	0	—	8	29	25	0												167
	KHARTUM	00	8	30	3	0	0	—	9	29	25	0												209
	KASSALA	00	8	30	3	0	0	—	4	34	32	0												170
CENTRAL SUDAN	WAD MEDANI	00	8	30	4	0	0	—	7	32	21	0												171
	RENK	00	9	28	3	0	0	—	—	32	26	—												182
	ROSEIRES	00	8	02	3	0	0	—	6	33	23	0												172
	EL OBEID	00	9	02	3	0	0	—	8	28	22	0												174
	EL FASHER	00	9	08	1	0	0	—	—	27	40	0												175
	GENEINA	00	9	04	2	0	0	—	—	33	08	—												179
	KADUGLI	00	8	04	3	0	1	1	8	33	14	—												187
S. SUDAN	MALAKAL	02	8	04	3	1	5	4	7	33	17	0												176
	WAU	00	8	04	4	0	3	8	7	34	16	0												177
	JUBA	05	7	30	3	1	3	8	5	37	24	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 3rd — الرياح العليا

MATRÛH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	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.
12				12 h. 30 m.			13 h. 30 m.	12 h. 46 m.	12 h. 30 m.	12 h. 45 m.	13 h. m.
02 19 15				03 36 25			09 02 10	09 06 15	09 11 10	09 33 05	09 06 10
06 18 15				06 36 35			15 36 15	15 03 20	15 04 10	15 34 05	15 01 25
09 19 15				09 01 35			21 36 15	21 02 20	21 35 15	21 31 10	21 34 05
15 20 15				15 36 25			27 31 15	27 30 15	27 30 15	27 30 15	27 29 05
40 18 20				21 34 20			33 33 15	33 33 10		33 34 20	33 26 30
30 16 40				27 33 20			39 28 30			39 33 25	39 23 30
				33 30 20							

UPPER WINDS ON 4th — الرياح العليا

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. 15 m.
09 02 15	03 18 30	09 03 25	09 04 20		09 02 25
15 04 15	06 41 25	15 35 20	15 03 05		15 02 20
21 06 15	09 04 15	21 30 25	21 33 10		21 04 15
27 33 10		27 26 25	27 23 20		27 02 20
33 28 40		33 23 30	33 33 25		33 01 25
39 31 10		39 22 20	39 33 20		39 05 10

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 4-1 1946: 1505, 868; 3-1 1945: 1505, 868

STATION	Mean of day: HUMIDITY on 3rd	HUMIDITY Diff from normal %	WET BULB TEMP on 3rd °C	WET BULB TEMP Diff from normal
Alexandria	62	−4	12.7	+0.4
Ezbekiya	61	+12	11.4	+0.7
Giza	84	+10	8.9	−1.5
Helwan	76	+18	11.2	+1.4

GIZA — GRASS MINIMUM TEMP. ON 4th 5.1 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 4th 15.1 °C

GAUGE	Date	Reading	Diff from normal	Previous day: Reading	Previous day: Diff. from normal
	1946	m.	m.	m.	m.
Jûba		12.77	−0.65	12.78	−0.65
Nasser		8.77	+1.43	8.98	+1.56
Malakâl		12.18	+0.56	12.20	+0.55
J. Aulia Res.					
J. Aulia D.S					
Roseires		13.06	+0.70	13.08	+0.69
Sennar Res.		20.68	—	20.69	—
Khartûm		11.22	−0.04	11.23	−0.04
Kh. el Girba					
'Atbara		10.95	+0.16	10.96	+0.14
Kajnarti		134.03	−0.07	134.09	−0.06
Aswân Res.		121.07	—	121.07	—
Aswân D.S		86.15	−0.04	86.13	−0.06
Roda (Cairo)		15.26	+0.37	16.17	+0.26

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

At 8h. on FRIDAY 4th — الساعة ٨ يوم الجمعة ٤

	STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESSURE M.S.L. 1000+ mbs.	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm °C	MINIMUM Today °C	MINIMUM Diff. from norm °C	% HUMIDITY	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm. From Oct 1 mms
		ww	v	dd	f	w	N	C	ppp		TTT	MM		mm		UU			
MEDITERRANEAN	SALÛM																		44
	MATRÛH	01	9	20	1	0	4	8	19.6	+1.0	10.6	19	+1	9	0	71	0	44	77
	MARIUT	02	7	19	1	0	7	8	20	+1	13	19	—	7	—	77	0	120	74
	ALEXANDRIA	02	8	00	0	2	8	8	20.3	+1.3	14.6	20	+1	12	+1	74	tr.	93	103
	DAMIETTA	01	6	16	1	1	5	3	19.2	+1.2	11.0	18	—	8	—	99	dr.	33	43
	PORT SAID	01	8	30	2	1	4	6	19.6	+1.9	16.1	19	0	13	+2	80	dr.	30	33
	EL ARISH	01	7	24	1	1	5	9	18.7	+0.1	12.9	21	+2	10	+2	85	0	36	35
LOWER EGYPT	DAMANHUR	01	6	20	3	1	4	8	19.2	+0.6	10.2	22	+2	7	−1	72	0	32	39
	MANSURA	01	8	12	1	1	4	8	19.9	+1.4	11.2	21	+1	8	0	85	0	12	17
	TANTA	00	8	00	0	0	0	—	22.2	+3.1	8.0	20	0	5	−2	98	0	29	14
	ZAGAZIG	01	6	22	2	1	4	8	19.9	+0.8	8.6	21	+1	7	0	100	0	3	10
	SHEBIN EL KÔM	00	8	02	2	0	0	—	21.4	+2.2	8.6	20	—	7	—	87	0	6	—
MIDDLE EGYPT	CAIRO ALMAZA	48	0	00	0	4	9	—	20.2	+0.8	7.6	19	—	7	—	93	0	1	—
	CAIRO HELIOPOLIS	47	1	00	0	4	9	—	20.2	+0.8	9.4	20	0	8	0	98	0	2	9
	CAIRO GIZA	46	2	00	0	4	9	—	20.4	+0.8	9.1	18	−1	7	+1	98	0	13	10
	HELWAN	47	3	00	0	4	4	1	20.0	+0.4	10.1	19	0	8	−1	89	0	2	9
	SUEZ	00	9	00	0	0	0	—	20.4	+1.5	13.4	20	0	10	0	75	0	—	9
UPPER EGYPT	FAIYUM	09	5	02	1	2	6	4	19.9	+0.5	9.9	19	−2	8	+2	86	0	0	3
	MINYA	02	8	30	1	2	5	2	19.8	−0.1	10.3	20	0	7	+1	81	0	dr.	—
	ASYUT	01	6	22	1	1	4	5	19.2	+1.0	9.5	20	0	7	+1	87	0	0	3
	NAG HAMADI	00	8	00	0	0	0	—	18.7	−1.1	10.0	20	—	5	—	86	0	0	—
	QENA	01	7	26	2	0	3	1	18.3	−0.7	13.0	20	−3	5	−3	66	0	0	—
	LUXOR	00	7	28	2	0	0	—	18.6	−0.7	15.4	24	−3	4	−2	45	0	0	—
	ASWAN	00	9	00	0	0	0	—	17.5	−1.6	14.5	25	+2	7	−4	53	0	0	—
WESTERN DESERT	SIWA	00	7	00	0	0	0	—	20.4	−0.3	6.5	—	—	3	−1	78	0	1	5
	BAHARIYA	00	9	00	0	0	0	—	22.2	+1.9	10.0	18	−2	6	+1	80	0	0	4
	KHARGA	01	9	32	1	1	3	1	19.0	−0.4	10.9	21	−1	8	+1	87	0	0	—
	DAKHLA	00	7	24	1	0	0	—	20.7	+0.1	10.0	20	−2	6	+1	82	0	0	—
RED SEA	TOR	00	7	04	3	0	0	—	—	—	12.0	21	0	8	−1	66	0	0	7
	HURGHADA	01	8	26	2	1	4	9	19.9	+1.9	15.0	21	−1	12	+1	—	0	0	3
	QUSEIR	00	8	28	3	0	0	—	—	—	17.0	25	+2	14	0	64	0	11	4
	PORT SUDAN	01	8	30	3	1	5	6	13		24					74	tr.	17	84
NORTH SUDAN	WADI HALFA	00	8	00	0	0	1	1	18		9?					62	0	tr.	—
	KAREIMA	00	8	32	2	0	2	4	16		13					38	0	7	1
	ATBARA	01	8	30	2	0	5	4	13		18					30	0	2	2
	KHARTUM	01	8	32	2	1	4	4, 5	13		18					34	0	3	4
	KASSALA	00	8	00	0	0	2	4	11		22					74	0	31	8
CENTRAL SUDAN	WAD MEDANI	00	9	32	3	0	3	3	13		18					37	0	13	12
	RENK	00	9	32	3	0	0	—	9		21	—	—	—	—	28	—	—	49
	ROSEIRES	00	8	30	1	0	0	—	8		20					49	0	20	36
	EL OBEID	00	9	30	4	0	0	—	14		16					32	0	44	16
	EL FASHER	00	9	04	2	0	3	1	—	—	18					35	0	2	6
	GENEINA	00	9	04	2	0	3	1	—	—	16	—	—	—	—	26	—	—	4
	KADUGLI	00	8	04	3	0	1	1	12		22	—	—	—	—	33	—	—	89
S. SUDAN	MALAKAL	01	6	02	3	1	5	4	11		23					36	0	170	88
	WAU	00	8	00	0	0	0	—	11		19					64	0	113	143
	JUBA	05	7	28	1	1	8	2	11		25					54	0	188	144

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRÛH	MARIUT	PORT SAID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
h. m.	7 h. 30 m.	7 h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. 15 m.	h. m.	7 h. m.
	03 28 05	02 35 20				02 04 05		09 01 30	09 04 25		09 01 25
	06 28 05	06 36 25				06 36 10		15 36 40	15 09 15		15 32 10
	09 33 20	09 36 20				09 36 15		21 32 15	21 11 05		21 26 25
	12 34 20	12 35 15				15 32 15		27 32 20	27 26 25		84 27 25
		15 36 25				21 28 15		33 28 35	33 28 40		30 23 25
		18 35 20				30 28 25		39 28 30	39 24 40		89 24 45
		21 36 20									

UPPER AIR TEMP ALMAZA AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h. ON 4th
34920 01962 26113 19080 61300 00---

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	19-28	4
Fresh	29-38	5
Strong	39-44	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	13
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
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, 88
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at 50 metres	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. m. 06 52
Sunset h. m. 17 09

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

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦

At 14h. on 4th — الساعة ١٤ يوم ٤ — At 20h. on 4th — الساعة ٢٠ يوم ٤ — At 8h. on SATURDAY 5th — الساعة ٨ 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	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 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	°C TEMP TTT	% HUMIDITY UU	RAIN 14-20 mms	STATION NUMBER
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	2	1	2	8	18.7	18.3	61	0	00	9	00	0	0	0	—	19.4	13.0	77	0	131
MARIUT	01	7	29	2	2	4	8	19	18	52	0	00	7	00	0	1	0	—	20	18	84	0	150
ALEXANDRIA	01	9	32	2	2	4	2	19.2	17.5	52	0	00	6	04	2	0	0	—	20.6	16.0	64	0	132
DAMIETTA	02	8	28	3	1	5	6/53	18.2	15.9	71	0	04	5	12	1	1	0	—	19.8	10.7	97	0	159
PORT SAID	01	8	30	1	1	4	2	18.6	18.2	56	0	00	8	30	1	0	0	—	20.2	14.0	80	0	134
EL ARISH	01	7	04	1	1	4	9	18.8	16.9	72	0	00	7	00	0	0	0	—	—	13.0	79	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	2	1	4	8	19.1	20.0	64	0	00	5	04	2	0	0	—	18.8	11.2	87	0	136
MANSÛRA	01	8	08	1	1	4	8	18.8	17.8	57	0	00	6	04	1	1	0	—	20.3	12.6	80	0	137
TANTA	01	8	00	0	1	4	8	19.9	19.0	63	0	00	8	00	0	1	0	—	21.0	13.0	93	0	138
ZAGAZIG	02	6	02	2	1	7	8	18.2	17.9	59	0	00	6	00	0	0	0	—	19.9	13.2	80	0	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	—	19.1	55	0	00	8	02	2	1	0	—	20.5	11.4	84	0	—
MIDDLE EGYPT																							
CAIRO (ABBASSIA)	02	7	02	2	2	7	8,1	18.0	17.1	59	0	00	7	04	1	0	0	—	20.3	14.2	65	0	141
CAIRO (EZBEKIYA)	02	7	32	2	1	6	8	18.4	17.6	60	0	00	7	00	0	0	0	—	20.4	12.3	74	0	—
GIZA	02	7	32	2	1	6	8	17.8	18.0	60	0	00	7	00	0	0	0	—	20.3	10.1	84	0	—
HELWAN	02	7	32	4	2	5	8,1	18.3	17.0	45	0	00	7	32	3	0	0	—	20.2	12.7	64	0	143
SUEZ	01	9	32	2	1	5	6	18.0	17.6	53	0	00	7	04	1	0	0	—	19.8	14.6	64	0	144
UPPER EGYPT																							
FAIYUM	01	8	02	4	1	4	8	18.2	18.3	46	0	00	8	32	1	0	0	—	20.3	11.9	73	0	153
MINYA	01	8	32	3	1	3	8	17.6	18.0	43	0	00	8	02	1	0	0	—	19.5	13.2	68	0	154
ASYUT	01	8	30	2	1	3	2	17.4	18.0	47	0	00	6	22	1	1	0	—	19.1	11.1	80	0	155
NAG HAMADI	00	8	24	1	0	0	—	16.7	19.8	45	0	00	8	26	1	0	0	—	17.1	13.5	71	0	164
QENA	01	7	24	1	1	3	3	15.4	19.0	63	0	00	6	24	1	1	0	—	16.6	14.2	69	0	156
LUXOR	00	7	26	2	0	0	—	16.7	21.0	41	0	00	6	28	2	0	0	—	17.1	14.0	57	0	157
ASWAN	01	9	30	2	1	4	4	14.8	22.0	19	0	00	9	00	0	0	0	—	16.7	15.0	30	0	158
WESTERN DESERT																							
SIWA	00	8	00	0	0	0	—	20.2	19.5	52	0	00		00	0	0	0	—	20.6	8.0	81	0	148
BAHARIYA	00	9	00	0	0	0	—	21.6	19.8	49	0												149
KHARGA	00	9	32	4	0	0	—	17.1	20.2	43	0	00	9	32	2	0	0	—	18.0	15.7	49	0	151
DAKHLA	00	8	28	3	0	0	—	—	19.1	55	0	00	8	28	2	0	0	—	18.0	14.1	60	0	152
RED SEA																							
TOR	00	7	26	3	0	0	—	17.9	20.3	58	0	00	7	28	3	0	0	—	17.0	15.3	79	0	145
HURGHADA	00	9	28	4	0	0	—	—	17.1	46	0	00	9	28	3	0	0	—	—	16.1	55	0	146
QUSEIR	01	8	02	3	1	4	1	14.3?	21.2	46	0	00	8	32	1	0	0	—	15.9	18.3	45	0	147
PORT SUDAN	31	7	32	4	1	4	6/4	11	27	52	0												288
NORTH SUDAN																							
WADI HALFA	00	8	04	2	0	0	—	15	21	23	0												165
KAREIMA	00	8	32	2	0	1	4	12	27	17	0												166
ATBARA	01	8	32	3	1	4	4	10	28	40	0												167
KHARTUM	00	8	32	2	1	2	1	10	29	20	0												209
KASSALA	01	8	30	2	0	3	1	5	32	34	0												170
CENTRAL SUDAN																							
WAD MEDANI	01	8	30	3	0	3	1	10	31	18	0												171
RENK	00	9	28	3	0	0	—	—	32	26	0												182
ROSE RES.	00	8	28	2	0	0	—	6	34	29	0												172
EL OBEID	00	9	02	4	0	0	—	9	27	17	0												174
EL FASHER	00	9	02	2	0	0	—	—	28	40	0												175
GENEINA	02	9	08	1	1	5	2	—	31	08	0												179
KADUGLI	01	8	04	4	1	4	1	7	34	09													187
S. SUDAN																							
MALAKAL	00	8	32	3	1	2	4	6	34	16	0												176
WAU	00	8	06	3	0	1	4	7	36	15	0												177
JUBA	05	7	32	3	1	4	8	5	37	24	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 4th — الرياح العليا يوم ٤

MATRÛH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	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	13			13			13 h. 15 m.			13	13	13 h. 15 m.	
03 27 28	03 31 15			03 36 30			10 36 20		10 02 20	10 36 05	10 01 20	10 03 15	
06 28 20	06 32 20			06 01 40			15 01 20		15 05 15	15 34 05	15 35 20	15 02 15	
10 29 15	10 31 20			10 01 35			20 34 15			20 33 10	20 32 25	20 25 15	
15 26 05	12 32 10			15 01 35			25 31 20			25 34 05	25 26 10	25 03 05	
20 33 15				20 36 20			35 32 25			35 31 20	35 24 40	35 14 05	
30 30 15				30 30 30			40 29 15			40 30 20	40 22 20	40 10 10	
40 30 30				45 27 45									
45 29 35				50 26 35									
60 28 50													

UPPER WINDS ON 5th — الرياح العليا يوم ٥

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
6 h. 30 m.	7 h. 30 m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	7 h. 30 m.
10 02 40	10 02 45	10 04 45	10 05 15	10 05 30	10 04 55
15 05 20		15 05 20	15 12 10		15 04 30
20 03 25		20 04 20	20 08 15	20 10 20	20 05 25
25 10 20		25 35 30	25 04 30	25 12 15	25 03 20
35 22 20		35 21 05	35 05 20	35 20 05	35 05 15
40 23 20		40 23 35	40 06 30	40 19 05	40 06 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 4th	Diff from normal	WET BULB TEMP °C on 4th	Diff from normal
Alexandria	65	−1	12.8	+0.6
Ezbekiya	79	+10	10.9	+0.2
Giza	84	+18	10.5	+0.2
Helwân	72	+14	10.3	+0.6

GIZA — GRASS MINIMUM TEMP. ON 5th: 2.1° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 5th: 14.9° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				12.77	−0.65
Nâsser				8.77	+1.43
Malakâl		12.16	+0.57	12.18	+0.56
J. Aulia Res.					
J. Aulia D.S					
Roseires	1	12.04	+0.71	13.06	+0.70
Sennar Res.				20.68	
Khartûm	5	11.19	−0.06	11.22	−0.04
Kh. el Girba					
Atbara		10.95	+0.17	10.95	+0.16
Kajnarti		134.01	−0.08	134.05	−0.07
Aswân Res.		121.07		121.07	
Aswân D.S		86.14	−0.05	86.15	−0.04
Roda (Cairo)		15.24	+0.06	15.26	+0.07

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	5-1	1505	810
	4-1	1505	862

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

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 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																		44
MATRÛH	01	9	18	1	0	3		19.8	+1.2	10.0	19	+1	8	−1	69	0	6.4	29
MARIUT	00	7	19	1	0	3	1	20	+1	10	19	—	8	—	88	0	12.0	25
ALEXANDRIA	00	8	20	2	0	0	—	20.8	+1.8	13.0	20	+1	11	0	82	0	9.3	10.5
DAMIETTA	00	6	20	1	1	2	3	20.6	+2.6	11.0	18	—	9	—	99	0	33	44
PORT SA'ID	00	8	30	1	0	0	—	20.4	+2.7	13.0	20	+1	10	−1	91	0	30	34
EL 'ARISH	00	7	00	0	0	0	—	20.7	+2.1	10.5	18	−1	7	0	85	0	26	36
LOWER EGYPT																		
DAMANHÛR	00	5	20	2	0	0	—	20.4	+2.0	10.8	20	0	8	0	93	0	32	40
MANSÛRA	04	4	30	1	4	3	6	20.8	+2.3	9.0	19	−1	7	−1	87	0	12	17
TANTA	00	8	00	0	0	0	—	21.3	+2.2	8.5	19	−1	4	−3	96	0	29	15
ZAGAZIG	00	6	18	2	0	0	—	20.4	+1.3	7.9	20	0	3	−4	93	0	2	10
SHEBÎN EL KÔM	00	8	30	2	0	0	—	20.2	+1.0	6.4	20	—	5	—	88	0	6	—
MIDDLE EGYPT																		
CAIRO (ALMAZA)	05	6	10	1	0	0	—	20.9	+1.5	9.5	19	—	7	—	88	0	1	—
CAIRO (EZBEKIYA)	04	5	02	1	0	0	—	21.0	+1.6	9.0	19	−1	7	−1	88	0	2	9
CAIRO (GIZA)	00	4	02	1	4	0	—	21.1	+1.5	6.7	18	−1	3	−3	96	0	13	10
HELWÂN	04	5	02	1	0	0	—	20.7	+1.1	9.9	18	−1	8	−1	79	0	2	9
SUEZ	00	9	30	1	0	0	—	21.4	+2.5	11.0	18	−2	7	−3	80	0	—	9
UPPER EGYPT																		
FAIYÛM	00	4	00	0	0	0	—	20.7	+1.3	7.0	18	−3	5	−1	89	0	1	3
MINYA	00	8	32	1	0	0	—	20.7	+0.8	9.9	19	−1	5	−1	84	0	4	—
ASYÛT	00	6	22	1	0	0	—	20.6	+0.4	8.0	20	0	5	−1	86	0	0	3
NAG HAMÂDI																		
QENA	04	7	26	2	0	0	—	18.4	−0.6	10.0	20	−3	5	−2	—	0	0	—
LUXOR	00	7	28	2	0	0	—	20.4	+1.1	10.0	23	−4	3	−3	57	0	0	—
ASWÂN	00	9	00	0	0	0	—	19.4	+0.3	12.6	22	−1	7	−4	59	0	0	—
WESTERN DESERT																		
SÎWA	01	7	00	0	1	4	1	23.4	+2.7	5.0	22	+2	1	−3	84	0	1	5
BAHARÎYA	00	9	00	0	0	0	—	23.5	+3.2	10.1	20	0	5	0	70	0	0	4
KHÂRGA	00	9	32	1	0	0	—	20.0	+0.6	9.9	22	0	8	+1	75	0	0	—
DÂKHLA	00	7	00	0	0	0	—	21.2	+0.6	8.8	20	−2	4	−1	81	0	0	—
RED SEA																		
TÛR	00	7	04	3	0	0	—	18.8	+0.8	11.1	—	—	8	−1	73	0	0	7
HURGHÂDA	00	9	26	2	0	0	—	19.0	+1.0	15.0	20	−2	10	−1	53	0	0	3
QUSEIR	00	8	28	1	0	0	—	17.2	−0.5	17.3	23	0	14	0	42	0	11	4
PORT SÛDÂN	02	8	32	3	1	6	6	16		24					49	0	17	85
NORTH SUDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	20		9					71	0	6.6	—
KAREIMA	00	8	32	1	0	0	—	17		13					38	0	7	1
ATBARA	00	8	04	3	0	0	—	15		18					24	0	2	2
KHARTÛM	00	8	32	3	0	0	—	15		17					28	0	3	4
KASSALA	00	9	00	0	0	0	—	12		21					65	0	31	8
CENTRAL SUDÂN																		
WAD MEDANI	00	9	32	3	0	0	—	15		18					94	0	13	12
RENK	00	9	32	3	0	0	—	12		20	—	—	—	—	26	—	—	49
ROSEIRES	00	8	30	1	0	0	—	12		21					35	0	30	36
EL OBEID	00	9	32	3	0	0	—	16		14					32	0	44	16
EL FÂSHER	00	9	00	0	0	0	—	—	—	11					44	0	2	6
GENEINA	00	8	04	3	0	0	—	—	—	16	—	—	—	—	17	—	—	44
KADUGLI	00	8	04	2	0	1	1	13		20	—	—	—	—	21	—	—	89
S. SUDÂN																		
MALAKÂL	00	8	02	5	0	3	1	18		22					25	0	170	88
WÂU	01	8	00	0	1	5	1.2	13		19					49	0	113	143
JUBA	05	7	00	0	0	4	4	13		24					54	0	188	144

Upper Winds are in the Code HHDDVV where HH is Height above 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	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
7 h. m.	h. m.	7 h. m.	9 h. m.	7 h. 30 m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	7 h. m.
02 25 20		03 02 05	02 04 15	03 01 30	02 24 10	03 01 05	02 01 30	10 01 30	10 03 40	10 02 25	10 03 45
06 26 20		06 04 10	05 06 20	06 02 40	05 25 25	06 24 10	05 03 20	15 06 30	15 03 25	15 02 30	15 31 15
10 26 20		10 04 15	08 05 35	10 02 30	10 01 20	10 24 25	10 24 25	20 35 25	20 09 15	20 02 20	20 30 45
15 26 15		15 04 20	10 04 30	15 01 30	15 24 25	15 21 20	15 21 20	25 31 20	25 32 40	25 01 10	25 32 35
20 25 15		20 02 20	15 04 35	20 26 30	20 22 20	20 29 25	20 20 20	35 29 20	35 32 20	30 01 15	30 28 40
25 25 15		25 03 15	20 16 15		25 29 30	30 28 20	25 21 10	40 31 30	40 35 20	40 35 30	40 26 45
		30 27 05	23 34 25		30 29 35	35 21 40					
		40 29 40									
		50 27 05									

CYPRUS SYNOPTIC 8h. ON 5th					
24750	02758	00028	21110	90305	00470
24223	02962	08128	21090	67401	00430

UPPER AIR TEMP. ALMAZA AT 02 — G.M.T. ON 5th

HEIGHT	PPP	TT	tt
FEET	m.b.	°F	°F
Surface	1010	48	46.5
500	992	55	49
1000	974	52	47.5
1500	957	51	48
2000	939	50	45
4000	872	41.5	33.5
6000	808	36	27
8000	750	31	26
10000	696	31	26
12000	642	26	23
14000	593	18	16
16000	547	9	8

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	55-66	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 Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	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, 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 52 h. m.
Sunset 17 10 h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦ م

At 14h. on 5-1-1946 (الساعة ١٤ يوم ٥-١-١٩٤٦) — At 20h. on 5-1-1946 (الساعة ٢٠ يوم ٥-١-١٩٤٦)

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. (DD)	Wind Force	Past Weather (W)	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	Temp °C	% Humidity	Rain 14-20 mms	Station Number
																						130
01	9	12	2	1	5	8	19.2	19.3	36	0	01	—	00	0	1	3	—	19.6	13	69	0	131
01	7	19	1	1	4	8	20	20	46	0	01	7	00	0	2	4	1	21	13	77	0	150
00	9	20	3	0	0	—	20.6	18.8	53	0	00	6	08	1	0	0	—	22.2	14.8	68	0	132
01	8	04	2	1	4	3	20.3	17.7	63	0	01	6	16	1	1	5	3	21.4	14.0	91	0	159
01	8	28	2	1	4	2	20.8	18.2	67	0	01	8	28	2	1	4	2	22.0	15.3	74	0	134
02	7	28	2	1	7	1	20.7	17.2	63	0	00	7	00	0	0	0	—	18.3	13.3	80	0	135
01	7	20	3	1	3	8	20.4	19.0	61	0	00	6	20	2	1	0	—	21.5	14.0	75	0	136
01	8	02	1	1	4	8	20.4	19.0	52	0	01	6	04	1	1	4	8	22.0	13.2	81	0	137
01	9	00	0	1	4	8	20.0	20.0	55	0	00	8	00	0	1	0	—	22.6	12.6	87	0	138
00	6	30	2	0	3	8	20.4	17.9	61	0	00	6	28	2	0	0	—	—	14.2	78	0	139
00	9	08	3	0	1	8	19.9	19.2	51	0	04	3	06	2	1	0	—	21.8	13.5	74	0	—
00	7	04	3	0	3	8	20.1	18.8	45	0	00	7	06	1	1	0	—	21.4	14.7	71	0	141
00	8	02	3	0	3	1	20.3	19.5	46	0	01	6	02	1	0	3	5	21.8	13.5	74	0	—
01	8	02	3	0	3	1	19.9	19.3	44	0	01	6	04	2	1	4	4	21.8	11.8	85	0	—
00	8	02	3	0	0	—	19.8	18.3	43	0	01	7	02	1	1	5	2	21.5	14.3	62	0	43
00	9	32	3	0	0	—	19.8	18.1	52	0	00	8	00	0	0	0	—	20.6	13.7	68	0	44
01	8	02	2	1	3	2	19.8	19.0	45	0	02	8	32	1	2	6	5	21.4	14.9	60	0	55
00	9	32	2	0	0	—	18.7	20.2	45	0	00	8	30	1	1	0	—	20.9	12.5	76	0	54
00	8	26	1	0	0	—	19.2	19.1	51	0	00	6	22	1	0	0	—	20.8	11.5	76	0	55
00	8	32	1	0	0	—	18.4	19.5	49	0	00	8	00	0	0	0	—	20.0	12.5	78	0	54
00	8	24	1	0	0	—	17.5	18.6		0	00	6	24	1	0	0	—	18.9	15.0		0	56
00	7	02	2	0	0	—	18.3	21.0	45	0	00	6	28	2	0	0	—	19.9	12.8	57	0	57
00	9	32	1	0	0	—	16.8	23.0	31	0	00	9	00	0	0	0	—	19.1	17.0	61	0	58
01	8	10	2	1	4	2	20.2	19.5	55	0	00		00	0	0	0	—	20.2	13.0	66	0	48
01	9	32	1	1	4	—	20.0	17.5	48	0	00		00	0	0	0	—	22.2	11.0	75	0	149
00	9	32	3	0	0	—	19.4	20.4	31	0	00		32	2	0	0	—	20.6	13.6	39	0	151
00	8	28	2	0	0	—	18.8	21.0	42	0	00	6	28	2	0	0	—	20.2	12.7	58	0	152
00	7	28	3	0	0	—	17.6	19.9	—	0	00	7	28	3	0	0	—	19.6	15.3	68	0	45
00	9	02	1	0	0	—	17.0	18.1	44	0	00	9	28	1	0	0	—	18.4	16.1	55	0	46
00	8	32	2	0	0	—	16.7	23.6	39	0	00	8	28	1	0	0	—	17.6	17.6	58	0	47
01	8	32	4	1	4	6,4	15	26	66	0												[illegible]
00	8	02	1	0	0	—	17	22	32	0												165
00	8	06	2	0	0	—	13	27	19	0												166
00	8	28	3	0	0	—	11	30	33	0												167
00	8	02	2	0	0	—	11	29	17	0												[illegible]
00	8	02	2	0	0	—	7	33	28	0												170
00	8	32	3	0	0	—	9	32	17	0												171
00	8	28	3	0	0	—	6	32	26	0												182
00	8	04	2	0	0	—	6	24	25	0												172
00	9	02	4	0	0	—	10	29	10	0												174
00	9	04	2	0	3	1	—	26	27	0												175
01	9	08	2	1	3	1	—	31	—	—												179
00	8	04	4	0	1	1	8	33	20	—												187
01	8	02	2	0	3	2	7	33	15	0												176
02	8	04	3	1	6	2	7	34	12	0												177
05	7	30	2	1	4	8	6	37	24	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.

5th

[illegible]	PORT SAID	ALMAZA	MINYA	LUXOR	EL FASHER	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
12	12 15		13	13	13	13 16	12 45	13	13	13	13	13
03 25 30	03 04 10		03 30 20	03 31 05	09 05 20	09 03 20	09 05 25	09 06 30	09 01 15	09 05 10	09 04 45	09 05 35
06 26 30	06 04 10		06 31 30	06 36 05	15 05 30	15 35 20	15 31 20	15 06 30	15 09 05	15 04 20	15 06 30	15 23 05
09 25 30	09 05 15		09 34 20	09 35 10	21 01 10	21 31 15	21 03 20	21 10 15	21 24 05	21 12 15	21 04 20	21 09 05
15 25 15	15 03 20		15 31 30	12 31 20	24 34 10	33 31 30	24 04 20	27 10 05	27 36 05	27 27 05	37 02 20	27 10 15
24 24 15	21 02 20		21 28 30	15 29 25			30 03 15	33 10 05		33 24 10	33 04 15	30 09 15
30 19 30				21 28 30			39 36 20			39 22 10	39 05 15	39 10 15
36 26 35				27 30 25								
45 37 55				33 30 30								

5th	5th

71	+5	12.3	+0.2
74	+5	10.9	+0.3
83	+9	10.0	−0.3
66	+8	10.4	+0.7

6th 1.8°

6-1 1505 810
5-1 1505 810

6th 14.8° C

Gauge	Reading	Diff. from norm	Previous day Reading	Diff. from normal
[illegible]	—	—	12.76	−0.66
Nasser	—	—	8.65	+1.41
[illegible]	12.12	+0.56	12.16	+0.57
Adlia Res.			377.10	—
[illegible] D.S.			372.18	+0.08
[illegible]	13.02	+0.71	13.04	+0.71
[illegible]			20.68	—
[illegible]			11.19	−0.06
Atbara	10.94	+0.17	10.95	+0.17
[illegible]	133.96	−0.10	134.01	−0.08
Aswan Res.	121.05	—	121.07	—
Aswan D.S.	86.16	−0.03	86.14	−0.05
Roda (Cairo)	15.26	+0.39	15.24	+0.36

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.	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
SALŪM												—		—				45
MATRŪH	01	9	14	1	1	4	6	20.7	+2.1	10.6	20	+2	9	0	70	0	64	80
MARIUT	05	5	00	0	4	4	6,4	22	+3	11	20	—	7	—	88	0	120	77
ALEXANDRIA	01	8	16	2	2	4	4	22.3	+3.3	14.0	20	+1	12	+1	78	0	93	107
DAMIETTA	01	5	00	0	1	5	4	22.0	+4.0	13.0	20	—	10	—	99	0	33	45
PORT SAID	01	8	04	2	1	4	6	21.9	+4.2	15.2	20	+1	11	0	87	0	30	35
EL ARISH	01	7	00	0	1	4	1	22.2	+3.6	8.1	19	0	7	0	98	0	36	36
DAMANHUR	01	4	08	2	4	3	8	22.3	+3.7	10.8	20	0	8	0	93	0	32	40
MANSURA	00	8	04	1	1	0	—	22.6	+4.1	10.5	22	+2	8	0	94	0	12	18
TANTA	00	7	00	0	0	0	—	23.1	+3.9	8.0	20	0	5	−2	96	0	29	15
ZAGAZIG	04	5	02	2	0	0	—	23.0	+3.9	6.9	20	0	5	−2	99	0	3	10
SHEBIN EL KOM	00	8	02	2	0	0	—	23.9	+4.0	7.0	21	—	5	—	91	0	6	—
CAIRO: ALMAZA	05	6	00	0	1	4	4	22.4	+3.0	10.0	19	—	7	—	73	0	1	—
CAIRO: EZBEKIYA	09	6	30	1	1	4	4	22.6	+3.2	8.9	21	+1	8	0	91	0	2	9
CAIRO: GIZA	47	2	30	1	4	9	—	23.1	+3.5	7.2	19	0	4	−2	98	0	13	11
HELWAN	04	3	00	0	4	4	4	22.3	+2.7	9.0	19	0	8	−1	93	0	2	10
SUEZ	00	9	32	1	0	0	—	22.4	+3.5	16.2	19	−1	11	+1	43	0	—	9
FAIYUM	08	4	00	0	2	8	4	22.6	+3.2	8.2	20	−1	8	+2	90	0	8	3
MINYA	01	8	16	1	2	4	2	22.3	+2.4	11.2	20	0	7	+1	80	0	dr.	—
ASYŪT	01	6	12	1	1	4	1	21.9	+1.7	10.1	21	+1	7	+1	83	0	0	3
NAG HAMADI	00	8	00	0	0	0	—	22.4	—	11.2	21	—	4	—	65	0	0	—
QENA	00	7	08	1	0	2	1	22.0	+2.9	9.4	21	−2	5	−2	89	0	0	—
LUXOR	00	7	28	2	0	0	—	22.3	+3.0	12.6	24	+1	4	−2	59	0	0	—
ASWĀN	00	9	32	1	0	0	—	21.8	+2.7	12.0	24	+1	8	−3	45	0	0	—
SIWA	01	7	00	0	1	4	3	20.8	+0.1	10.5	21	+1	5	+1	88	0	1	5
BAHARĪYA	00	9	00	0	0	0	—	22.4	+2.1	10.0	18	−2	6	+1	74	0	0	4
KHARGA	00	9	24	1	0	0	—	22.6	+2.2	6.9	21	−1	4	−2	70	0	0	—
DAKHLA	00	7	00	0	0	0	—	21.5	+0.9	6.8	22	0	3	−2	70	0	0	—
TŌR	01	7	04	3	0	3	6	18.4	+0.4	16.1	20	−1	11	+2	43	0	0	7
HURGHADA	01	8	26	1	1	4	9	18.6	+0.5	16.2	20	−2	11	+1	50	0	0	3
QUSEIR	00	8	26	1	0	0	—	19.8	+2.1	16.0	24	+1	14	0	52	0	11	4
PORT SUDĀN	01	8	32	4	1	3	6,4	19		24					69	0	17	85
WADI HALFA	00	8	00	0	0	0	—	21		8					54	0	tr.	—
KAREIMA	00	8	06	2	0	0	—	17		21					17	0	7	1
ATBARA	00	8	28	2	0	0	—	17		18					37	0	2	2
KHARTUM	00	8	02	3	0	0	—	16		19					30	0	3	4
KASSALA	00	8	00	0	0	0	—	13		23					69	0	31	8
WAD MEDANI	00	9	04	3	0	0	—	15		21					44	0	13	12
RENK	00	9	28	3	0	0	—	12		21		—		—	41	—	—	49
ROSEIRES	00	8	02	2	0	0	—	10		20					43	0	80	36
EL OBEID	00	9	32	3	0	0	—	16		15					20	0	44	16
EL FĀSHER	01	9	30	2	1	4	2	—	—	11					44	0	2	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	28	2	0	3	1	14		22		—		—	29	—	—	89
MALAKĀL	00	8	32	3	0	0	—	12		22					29	0	170	88
WAU	01	8	22	2	0	4	2	13		21					28	0	113	143
JUBA	05	7	30	1	0	7	2	13		24					57	0	188	1444

Regions: Mediterranean; Lower Egypt; Cairo; Upper Egypt; Western Desert; Red Sea; North Sūdān; Central Sudan; S. Sūdān

PRESENT WEATHER 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 ...	0
Variable sky	
...	
Sandstorm ...	3
Fog, thick ...	
Drizzle	
Rain	
Snow ...	
Showers	
Thunderst...	

Objects ...
(N)

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.

MATRŪH	MARIUT	PORT SAID	HELWĀN	MINYA	ASYŪT	LUXOR	ASWĀN	WADI HALFA	[illegible]	KAREIMA	[illegible]
7 h. m.	h. m.	7 h. 15 m.	8 h. 45 m.	7 h. 30 m.	7 h. m.	7 h. m.	7 h.	7 15	7 15	7 15	7 15
03 17 40		03 06 20	02 36 05	03 32 05	02 28 10	03 12 05	02 36 15	09 03 20	09 07 50	09 04 30	09 06 55
06 17 50		06 07 20	05 07 10	06 33 05	05 24 05	06 05 10	05 04 20	15 03 30	15 07 15	15 05 15	15 05 30
09 18 50		09 09 15	08 08 10	09 31 10	10 24 15	09 02 05	10 03 10	21 25 20	21 25 20	21 36 15	21 36 15
15 20 35		12 09 20	10 06 05	12 30 10	15 24 15	15 24 25	15 24 15	27 30 15	27 32 20	24 02 15	24 30 15
30 20 35		15 07 10	15 32 05	15 32 05	20 31 25	21 31 20	30 31 20	33 31 25	33 36 10	30 01 20	30 27 35
		21 21 05	20 20 15	21 27 05	25 31 20	30 23 35	35 27 20	39 29 30	39 24 30	39 01 20	39 28 05
		30 28 35	25 27 20	24 31 20	30 30 20						
			30 28 15								
			40 29 35								

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
7	7 15	7	7		7
09 07 20	09 02 30	09 05 55	09 01 15		09 03 70
15 05 20	15 08 15	15 07 35	15 05 25		15 04 60
21 07 15		21 01 20	21 05 20		21 03 45
27 06 15		27 24 15	33 31 25		27 05 20
33 36 15		33 27 10	39 33 05		33 08 20
39 16 15		39 33 15			39 05 25

ALMAZA 23h 5th

Height			
	1012	52	49
	994	56	52
	976	54	50
	958	53	46
	941	51	46
	874	48	34
	811	45	33
	752	41	26
10000	696	31	26
12000	644	22	19
14000	595	17	14
16000	548	10	8

CYPRUS SYNOPTIC ... ON 6th
34723 02972 28216 23110 85304 97091

WIND DIRECTION ...
06 = East 18 = South
24 = West 32 = North
00 is Calm

ANNUAL SUBSCRIPTION P.T. 150

Printed at the [illegible]

CAIRO
Time of Sunrise h. 06 m. 52
Sunset h. 17 m. 10

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦

At 14h. on 6th (الساعة ١٤ يوم ٦) and At 20h. on 6th (الساعة ٢٠ يوم ٦)

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
Salûm																							130
Matrûh	03	9	14	3	1	8	8	19.1	17.0	52	0	02	—	00	0	2	7	8	19.6	14.6	61	0	131
Mariut	02	7	13	2	2	7	4,5	21	18	60	0	02	7	00	0	2	6	4,5	21	14	88	0	150
Alexandria	02	8	20	2	2	7	4	21.1	17.0	68	0	03	6	08	2	2	8	4	21.6	16.0	71	0	132
Damietta	02	8	06	2	1	5	6	21.0	18.1	77	0	03	7	08	1	2	8	6	21.5	15.4	87	0	159
Port Saîd	01	8	04	2	1	4	2	21.1	18.3	71	0	02	8	04	2	2	5	2	21.9	15.0	91	0	134
El Arîsh	00	7	00	0	0	2	1	21.2	19.6	62	0	02	7	12	1	1	7	9	18.8	12.9	81	0	135
Damanhûr	02	6	08	2	2	7	5	21.5	18.2	38	0	01	5	08	2	2	3	8	20.6	14.2	78	0	136
Mansûra	02	7	04	2	2	6	9	21.0	19.8	67	0	08	4	04	2	2	6	9	22.0	15.2	86	0	137
Tanta	02	7	04	1	2	7	7	22.0	19.0	64	0	01	7	00	0	1	4	8	21.9	15.0	87	0	138
Zagazig	02	6	06	2	1	6	8	21.2	18.2	68	0	00	6	26	2	0	0	—	21.0	14.3	88	0	139
Shebîn el Kôm	01	8	10	3	1	5	8	20.5	18.6	64	0	02	7	10	2	2	8	0	21.4	15.9	80	0	—
Almaza	01	7	06	2	2	5	4	20.1	19.6	47	0	01	7	06	2	2	4	2	21.0	16.0	57	0	141
Ezbekîya	02	8	04	2	1	5	1	20.4	20.2	48	0	00	6	00	0	0	0	—	21.4	14.7	74	0	—
Gîza	01	8	02	2	1	5	1	20.3	20.8	44	0	00	7	32	1	0	0	—	21.2	13.4	80	0	—
Helwân	05	5	00	0	1	4	5	19.9	18.7	59	0	00	7	02	4	0	2	4	21.0	16.0	50	0	143
Suez	02	9	02	1	2	5	9	20.4	19.3	47	0	00	8	00	0	0	0	—	21.1	18.3	48	0	144
Faiyûm	02	8	30	2	2	5	5	20.6	18.8	53	0	04	3	00	0	4	0	—	21.4	12.9	75	0	153
Minya	02	8	30	1	2	6	2	20.5	20.7	46	0	02	8	32	1	2	5	4	20.0	16.4	60	0	154
Asyût	01	7	22	1	1	3	1	20.0	19.9	54	0	01	6	22	1	1	3	2	21.0	13.1	72	0	155
Nag Hamâdi	00	8	00	0	0	0	—	19.8	20.0	48	0	00	8	00	0	0	0	—	20.3	13.8	61	0	164
Qena	01	8	24	1	1	4	1	19.2	19.4	—	0	01	6	24	1	1	4	1	20.2	14.4	—	0	156
Luxor	00	7	10	2	0	0	—	19.6	22.8	46	0	00	6	28	2	0	0	—	20.2	12.6	59	0	157
Aswân	00	9	32	1	0	0	—	18.0	23.0	25	0												158
Sîwa	03	7	28	3	2	8	5	20.2	20.3	55	0	00	—	00	0	0	0	—	20.4	13.0	77	0	148
Baharîya	00	9	00	0	0	0	—	20.0	17.1	51	0		—						—				149
Khârga	00	9	04	1	0	0	—	20.2	20.9	35	0	00	9	32	1	0	0	—	20.6	14.3	50	0	151
Dâkhla	00	8	28	2	0	0	—	20.5	19.9	41	0	00	6	28	1	0	0	—	20.3	11.8	42	0	152
Tôr	00	7	28	3	0	0	—	19.6	16.5	62	0	00	7	28	3	0	0	—	20.2	15.5	66	0	145
Hurghâda	00	9	02	3	0	0	—	20.3	20.1	36	0	00	9	28	2	0	0	—	—	18.0	44	0	146
Quseir	00	8	32	2	0	0	—	18.8	23.4	46	0	00	8	02	1	0	0	—	18.2	15.8	42	0	147
Port Sûdân	01	8	02	4	1	4	8	16	27	66	0												168
Wâdi Halfa	00	8	02	2	0	1	1	18	24	26	0												165
Kareima	00	8	02	3	0	0	—	13	29	20	0												166
Atbara	00	8	04	3	0	0	—	12	31	19	0												167
Khartûm	00	8	02	3	0	1	1	11	32	21	0												169
Kassala	00	8	30	3	0	0	—	7	34	32	0												170
Wad Medani	00	8	02	3	0	0	—	8	33	17	0												171
Renk	00	9	04	3	0	0	—	—	36	19													182
Roseires	00	8	28	2	0	0	—	7	37	25													172
El Obeid	00	9	02	4	0	0	—	10	31	19													174
El Fâsher	01	9	04	2	1	3	2	—	28	25													175
Geneina																							179
Kadugli	00	8	02	3	0	1	1	8	34	12													187
Malakâl	01	8	02	5	1	4	1	6	35	18													176
Wâu	02	8	04	4	1	6	2	7	35	13													177
Juba	01	7	32	3	1	4	8,1	8	37	24													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

Matrûh (12 h. 15 m.)	Mariut (h. m.)	Port Saîd (13 h. m.)	Almâza (h. m.)	Minya (h. m.)	Luxor (13 h. 15 m.)	Hurghâda (h. m.)	Wâdi Halfa (13 h. 15 m.)	Kareima (h. m.)	Khartûm (h. m.)	Kassala (12 h. 30 m.)	El Obeid (13 h. 30 m.)	Malakal (12 h. 45 m.)	Juba (h. m.)
03 28 30		03 07 15			03 01 10		09 05 28			09 05 05	09 05 48	09 03 35	
06 21 40		06 06 15			09 36 05		15 05 26			15 07 05	15 05 40	15 02 35	
09 23 30		09 08 20			15 35 15		21 03 16			21 03 05	21 06 25	21 03 40	
12 29 20		12 08 20			21 36 08		27 31 08			27 18 05	27 04 10	27 05 50	
15 25 25		15 08 20			27 33 15		30 31 15			33 23 10	33 02 25	33 06 35	
		18 27 15			30 32 15					40 09 20	39 28 10	39 10 15	
		21 27 10											
		24 30 15											
		27 26 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 6th	Diff from normal	Wet bulb temp °C on 6th	Diff from normal
Alexandria	83	+17	13.0	+0.9
Ezbekiya	75	+6	11.6	+1.1
Giza	82	+8	10.7	+0.5
Helwân	68	+10	11.3	+1.7

GÎZA — GRASS MINIMUM TEMP. ON 7th 5.3° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 7th 15.0° C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
DATE 7-1	1447	810
6-1	1505	810

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				8.50	+1.35
Malakâl		12.08	+0.56	12.12	+0.56
J. Aulia Res.				377.10	
J. Aulia D.S.	〃			372.18	+0.09
Roseires	〃	13.00	+0.71	13.02	+0.71
Sennar Res.				420.70	
Khartûm	〃	11.18	-0.05	11.19	-0.05
Kh. el Girba	〃				
'Atbara		10.92	+0.16	10.94	+0.17
Kajnarti		133.93	-0.11	133.96	-0.10
Aswân Res.		121.02		121.05	
Aswân D.S.		86.10	-0.09	86.16	-0.03
Roda (Cairo)		15.24	+0.38	15.26	+0.39

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

At 8h. on MONDAY 7th (الساعة ٨ يوم الاثنين ٧)

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 (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												—		—				46
	Matrûh	02	9	00	0	2	7	9	19.6	+1.0	13.0	17	-1	10	+1	66	0	64	82
	Mariut	05	6	13	1	2	7	4,5	20		13	18	—	11	—	88	0	120	78
	Alexandria	02	7	12	2	2	7	5	20.2	+1.2	14.0	18	-1	12	+1	87	0	93	109
	Damietta	08	4	10	1	2	8	5	20.6	+2.6	14.3	19	—	13	—	94	0	33	46
	Port Saîd	03	7	02	1	2	8	0	20.7	+3.0	16.0	20	+1	14	+3	82	0	30	36
	El Arîsh	02	7	00	0	1	7	9	20.6	+2.0	13.1	20	+1	7	0	86	0	36	37
Lower Egypt	Damanhûr	03	5	20	2	2	8	5	20.3	+1.7	13.0	20	0	12	+4	68	0	32	41
	Mansûra	02	6	08	1	2	5	6	20.4	+1.9	13.6	21	+1	12	+4	82	0	12	18
	Tanta	02	8	00	0	2	8	5	21.2	+2.0	12.0	21	+1	10	+3	89	0	29	15
	Zagazig	02	5	10	2	1	7	7	20.0	+0.9	11.9	20	0	6	-1	97	0	3	11
	Shebîn el Kôm	01	8	06	2	2	4	2	21.1	+1.9	12.3	20	—	6	—	94	0	6	—
Middle Egypt	Cairo: Almaza	05	5	00	0	2	5	4,5	20.4	+1.0	12.0	20	—	10	—	65	0	1	—
	Cairo: Ezbekîya	09	5	18	2	2	8	5	20.6	+1.2	11.5	22	+2	9	+1	78	0	2	10
	Cairo: Gîza	03	5	16	1	2	8	5	20.6	+1.0	11.2	20	+1	7	+1	88	0	13	11
	Helwân	02	6	04	1	2	6	4	20.8	+1.2	11.2	20	+1	10	+1	62	0	2	10
	Suez	01	8	00	0	1	4	2	21.4	+2.5	12.1	20	0	11	+1	83	0	—	9
Upper Egypt	Faiyûm	03	6	00	0	2	8	4	21.2	+1.8	10.4	20	-1	10	+4	81	0	8	3
	Minya	03	8	02	1	2	8	2	21.2	+1.3	11.6	22	+2	8	+2	73	0	tr.	—
	Asyût	01	0	22	1	1	4	5	21.6	+1.3	9.8	23	+3	7	+1	79	0	0	3
	Nag Hamâdi	00	8	00	0	0	0	—	20.7	+0.9	11.9	21	—	5	—	63	0	0	—
	Qena	01	7	32	1	1	3	1	20.7	+1.6	10.8	21	-2	4	-3	86	0	0	—
	Luxor	00	7	02	2	0	0	—	21.1	+1.8	10.5	24	[illegible]	5	[illegible]	69	0	0	—
	Aswân	00	9	32	1	0	0	—	20.0	+0.9	13.0	24	+1	9	-1	33	0	0	—
Western Desert	Sîwa	03	7	00	0	2	8	4	19.9	-0.8	11.5	21	+1	—	+6	75	0	1	5
	Baharîya	03	9	32	1	2	8	—	21.6	+1.3	9.5	18	-2	5	0	67	0	0	4
	Khârga	00	9	28	1	0	2	1	20.8	+1.3	8.9	22	0	4	-2	65	0	0	—
	Dâkhla	00	7	28	1	0	0	—	21.8	+1.2	6.2	21	-1	4	-1	65	0	0	—
Red Sea	Tôr	00	7	04	3	0	0	—	20.8	+2.8	12.9	19	-2	11	+2	62	0	0	7
	Hurghâda	02	7	26	1	2	6	0	18.7	+0.6	16.2	20	-2	11	+1	50	0	0	3
	Quseir	00	8	26	2	0	0	—	18.6	+0.9	16.0	24	+1	15	+1	48	0	11	4
	Port Sûdân	02	8	32	3	1	6	6	17		23					78	0	17	85
North Sûdân	Wâdi Halfa	00	8	00	0	0	0	—	20		9					50	0	tr.	—
	Kareima	00	8	04	2	0	0	—	17		16					42	0	7	.1
	'Atbara	00	8	02	3	0	0	—	15		20					64	0	2	2
	Khartûm	00	9	31	3	0	0	—	14		20					69	0	3	4
	Kassala	00	8	32	3	0	0	—	12		24					65	0	31	8
Central Sûdân	Wad Medani	00	9	04	5	0	0	—	—		26					27	0	13	12
	Renk	00	9	28	3	0	0	—	10		21		—		—	41	—	—	49
	Roseires	00	8	28	1	0	0	—	10		21					57	0	80	36
	El Obeid	00	8	30	3	0	0	—	16		17					56	0	44	16
	El Fâsher	00	9	30	2	0	0	—	—	—	11					44	0	2	6
	Geneina	00	8	02	4	0	0	—	—	—	16		—		—	45	—	—	4
	Kadugli	00	8	28	3	1	1	1	12		24		—		—	22	—	—	89
S. Sûdân	Malakâl	00	8	32	4	0	0	—	10		24					30	0	170	88
	Wâu																0	113	143
	Juba	01	7	00	0	0	3	4	11		24					61	0	188	144

Upper Winds are in the Code HHDDVV where HH is Height 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)

[illegible] (7 h. 15 m.)	Mariut (h. m.)	[illegible] (7 h. 15 m.)	Helwân (8 h. 30 m.)	Minya (h. m.)	Asyût (7 h. m.)	Luxor (7 h. m.)	Aswân (h. m.)	Wâdi Halfa (7 h. 30 m.)	Abu Hamad (h. m.)	Kareima (7 h. 15 m.)	Khartûm (h. m.)
03 25 24		03 23 18	02 13 16		02 33 05	03 02 05		09 05 30		09 06 40	
06 26 08		06 21 28	05 14 05		05 36 10	09 01 05		15 34 05		15 36 10	
09 29 15		09 22 30	08 09 18		10 36 05	15 36 05		21 35 15		21 01 35	
12 33 30		15 22 30	10 09 35		15 28 05	21 35 10		27 32 20		24 36 30	
15 03 15		20 23 40	15 12 30		20 28 20	24 33 15		33 30 20		27 05 20	
18 09 18		30 26 60	20 19 32		25 29 15	30 32 20		39 30 15		30 02 15	
21 12 30		33 26 40	25 24 40		30 25 25					33 04 05	
			30 26 48								
			40 24 60								

Kassala (6 h. 45 m.)	Port Sûdân (h. m.)	El Obeid (h. m.)	El Fâsher (7 h. m.)	Geneina (7 h. 15 m.)	Malakal (7 h. m.)
09 03 20			09 01 15	09 05 35	09 03 60
15 05 20			15 06 10	15 07 30	15 04 60
21 07 40			/	20 05 15	21 01 05
27 08 55				27 30 15	27 33 20
33 35 20				33 28 10	33 25 05
39 33 15				39 23 18	39 24 15
					51 07 30
					63 05 35
					69 05 30

UPPER AIR TEMP ALMÂZA AT 23 G.M.T. ON 6th

Height feet	PPP m.b.	TT °F	tt °F
Surface	1010	56	50
500	992	62	51
1000	974	59	49
1500	957	58	47
2000	939	61	43
4000	872	54	41
6000	808	48	39
8000	750	38	30
10000	695	31	27
12000	642	26	23
14000	593	20	19
15000	547	13	13

CYPRUS SYNOPTIC 8h. ON 7th

34791 03873 04228 21130 90001 00100
34983 02863 30125 22110 90701 00090

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. 52 m.
Sunset 17 h. 11 m.

Month JANUARY, 1946 — شهر يناير ١٩٤٦

At 14h. on 7th (الساعة ١٤ يوم ٧) and At 20h. on 7th (الساعة ٢٠ يوم 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																							
SALUM																							130
MATRUH	02	9	28	3	3	7	9	18.6	16.9	81	0	02	8	00	0	3	6	8	18.3	14.8	81	0	131
MARIUT	01	7	25	2	1	5	4,5	19	20	46	0	52	6	00	0	5	8	7	18	15	77	tr.	150
ALEXANDRIA	02	9	24	2	2	5	5	18.7	18.4	59	0	02	5	12	2	5	7	9	18.4	16.0	59	tr.	132
DAMIETTA	02	8	12	1	2	5	8	18.6	18.8	72	0	08	4	14	1	2	8	6	18.3	14.6	98	0	159
PORT SAID	03	7	02	2	2	8	0	18.8	17.7	72	0	02	7	02	1	2	7	6	18.2	15.3	94	0	134
EL ARISH	02	7	00	0	1	7	5	19.5	20.1	58	0	02	7	00	0	1	7	9	—	14.5	75	0	135
LOWER EGYPT																							
DAMANHUR	01	6	32	2	2	5	4	18.3	19.8	58	0	01	6	32	2	1	4	8	17.2	14.2	68	0	136
MANSURA	01	7	04	1	1	4	6	17.6	18.8	62	0	01	4	04	2	1	4	6	18.7	15.5	84	0	137
TANTA	02	8	00	0	2	7	7	18.6	20.0	59	0	03	7	00	0	2	8	7	18.6	14.7	87	0	138
ZAGAZIG	03	5	28	2	1	8	7	18.4	19.9	74	0	00	6	28	2	0	0	—	19.5	15.1	70	0	139
SHEBIN EL KOM	01	8	30	3	1	4	8	18.2	19.4	61	0	01	8	02	2	1	4	0	19.4	10.3	81	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	7	28	1	2	5	4,5	18.6	19.3	53	0	05	6	00	0	2	6	6,4	18.1	16.4	67	0	141
CAIRO EZBEKIYA	05	7	00	0	1	8	5	18.3	20.0	47	0	01	6	00	0	1	4	5	18.4	15.0	77	0	—
CAIRO GIZA	03	8	18	1	2	8	5	18.4	20.9	47	0	01	7	00	0	1	4	5	18.6	13.8	85	0	—
HELWAN	02	6	00	0	2	8	4	18.2	19.6	42	0	01	6	00	0	1	4	4	18.6	16.5	56	0	143
SUEZ	13	8	00	0	2	6	9	18.4	18.8	63	0	01	8	00	0	1	5	—	19.1	13.5	71	0	144
UPPER EGYPT																							
FAIYUM	02	8	30	1	2	5	5	18.8	19.1	59	0	08	4	00	0	4	0	—	18.7	13.0	87	0	153
MINYA	03	8	24	1	2	8	2	18.8	22.3	43	0	03	8	30	1	2	8	2	18.0	13.9	77	0	154
ASYUT	01	6	26	1	1	4	5	18.7	20.5	45	0	01	6	22	1	1	4	5	18.7	14.5	57	0	155
NAG HAMADI	00	8	00	0	0	0	—	18.0	20.1	49	0	01	8	00	0	1	4	5	18.4	12.9	67	0	164
QENA	01	8	22	2	1	4	1	17.6	20.4	—	0	01	6	22	1	1	3	1	17.4	15.0	—	0	156
LUXOR	00	7	30	2	0	0	—	18.0	23.5	42	0	00	6	28	2	0	0	—	18.0	13.2	53	0	157
ASWAN												00	9	00	0	0	0	—	15.6	17.0	39	0	158
WESTERN DESERT																							
SIWA	03	8	28	3	2	8	5	20.4	20.0	68	0	00	—	00	0	0	0	—	20.0	13.0	89	0	148
BAHARIYA	01	9	00	0	1	4	—	20.3	17.4	49	0	00	—	00	0	0	0	—	—	12.0	76	0	149
KHARGA	00	9	04	2	0	0	—	19.0	21.8	30	0	01	9	32	1	1	3	2	19.1	16.0	39	0	151
DAKHLA	00	8	28	2	0	0	—	19.4	19.9	39	0	00	6	28	1	0	0	—	20.0	15.7	43	0	152
RED SEA																							
TOR	00	7	28	3	0	0	—	17.6	20.1	71	0	00	7	28	3	0	0	—	17.0	17.4	81	0	145
HURGHADA	02	7	02	2	2	8	0	18.0	20.1	36	0	01	8	12	1	1	4	8	17.6	16.1	51	0	146
QUSEIR	00	8	02	3	0	0	—	19.1	23.4	55	0	00	8	04	1	0	0	—	17.5	17.8	44	0	147
PORT SUDAN	02	8	32	3	8	5	6	14	26	79													208
NORTH SUDAN																							
WADI HALFA	00	8	02	1	0	0	—	16	24	21													165
KAREIMA	00	8	06	3	0	0	—	12	29	19													166
ATBARA	00	8	04	2	0	0	—	10	31	31													167
KHARTUM	00	8	32	4	0	0	—	9	31	22													169
KASSALA	00	8	02	2	0	0	—	5	36	30													170
CENTRAL SUDAN																							
WAD MEDANI	00	8	02	4	0	0	—	7	34	19													171
RENK	00	9	28	3	0	0	—	—	35	19													182
ROSEIRES	00	8	04	2	0	0	—	6?	37	25													172
EL OBEID	00	9	02	4	0	0	—	9	31	19													174
EL FASHER	00	9	04	3	0	0	—	—	28	33													175
GENEINA	00	9	08	2	0	0	—	—	29	40													179
KADUGLI																							187
S. SUDAN																							
MALAKAL	00	8	02	4	0	0	—	6	34	19													176
WAU	02	8	06	3	1	6	2	7	36	24													177
JUBA	01	8	02	2	1	4	2	5	37	24													178

Upper Winds on 7th (7 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.

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.	h. m.	h. m.	13 h. m.	h. m.	13 h. 15 m.	13 h. m.	13 h. m.	13 h. m.	12 h. 30 m.	13 h. m.	13 h. 15 m.
	03 30 30	03 08 05			03 36 05		09 03 20	09 02 20	09 01 25	09 02 10	09 04 20	09 03 15	09 09 05
	06 31 30	06 22 02			06 34 05		15 03 30	15 06 30	15 03 35	15 08 10	15 02 20	15 04 20	15 16 05
	09 30 20	09 14 15			09 34 05		21 01 15	21 04 30	21 02 15	21 10 10	21 33 20	21 04 20	21 13 20
	15 25 20	15 21 10			15 34 10		24 33 05	24 03 30	24 02 10	27 12 10	27 30 05	27 05 20	27 10 20
	21 25 20	21 24 30			21 35 10			30 01 15	30 05 15	33 21 15	33 16 15	33 05 36	33 09 50
	27 26 55	27 26 40			27 30 15			39 03 15		39 36 05	39 18 15		39 07 20
	30 16 60	30 26 40			30 26 15								
		39 27 50			39 30 30								
		42 26 50											

REMARKS

Hours are Egyptian standard time long 30° E and are two hours east of Greenwich mean time.

STATION	Mean of day: Humidity on 7th	Diff. from normal	Wet bulb temp on 7th	Diff. from normal
Alexandria	69	+3	12.9	+0.9
Ezbekiya	71	+2	12.2	+1.7
Giza	79	+5	12.4	+2.2
Helwân	55	−3	11.1	+1.5

GIZA — GRASS MINIMUM TEMP. on 8th 8.0° C.

Discharges at Aswan measured by sluices m³ per sec	1946	1945
Date 8-1	1447	810
Date 7-1	1447	810

CAIRO — WATER TEMP. RIVER NILE AT 9h. on 8th 15.1° C.

GAUGE	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
	1946 (8th)				
Jûba				12.76	−0.65
Nâsser				8.36	+1.29
Malakâl		12.05	+0.57	12.08	+0.56
J. Aulia Res.				377.08	—
J. Aulia D.S				372.21	+0.13
Roseires		12.98	+0.70	13.00	+0.71
Sennar Res.				20.71	—
Khartûm				11.18	−0.05
Kh. el Girba					
Atbara		10.92	+0.17	10.92	+0.16
Kajnarti		133.93	−0.09	133.93	−0.11
Aswân Res.		121.03	—	121.02	—
Aswân D.S		86.08	−0.11	86.10	−0.09
Roda (Cairo)		15.21	+0.37	15.34	+0.38

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

At 8h. on TUESDAY 8th (الساعة ٨ يوم ٨ 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	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												—		—				47
MATRÛH	00	9	24	3	2	3	8	17.0	−1.6	10.8	17	−1	10	+1	81	0	64	83
MARIUT	02	7	22	3	2	7	8,4	17		15	21	—	12	—	77	tr.	121	79
ALEXANDRIA											21	+2					93	110
DAMIETTA	02	7	18	1	5	7	6	16.2	−1.8	13.7	19	—	11	—	93	tr.	33	47
PORT SA'ÎD	01	8	18	2	1	3	6	16.7	−1.0	15.7	19	0	14	+3	82	0	30	37
EL 'ARÎSH	02	7	24	3	1	6	9	16.4	−2.2	14.2	21	+2	11	+4	79	0	36	38
LOWER EGYPT																		
DAMANHÛR	02	5	20	3	2	6	9	17.1	−1.5	12.8	21	+1	11	+3	82	0	32	42
MANSÛRA	01	7	20	1	1	4	8	17.2	−1.3	10.5	21	+1	9	+1	92	0	12	19
TANTA	00	8	20	1	0	0	—	17.8	−1.4	10.0	21	+1	6	−1	95	0	29	16
ZAGAZIG	00	6	15	2	0	0	—	17.6	−1.5	10.9	21	+1	9	+2	92	0	3	11
SHEBÎN EL KÔM	00	9	18	2	0	0	—	17.1	−2.1	10.2	20	—	9	—	87	0	6	
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	20	1	1	3	4,5	17.6	−1.8	13.2	22	—	12	—	74	0	1	—
CAIRO EZBEKÎYA	05	5	14	2	1	3	5	18.2	−1.2	11.9	22	+2	11	+3	74	0	2	10
CAIRO GÎZA	05	5	12	3	1	3	5	18.4	−1.2	12.8	22	+3	10	+4	77	0	13	11
HELWÂN	01	6	14	1	1	4	4	18.4	−1.2	12.4	20	+1	12	+4	71	0	2	10
SUEZ	01	9	00	0	1	4	3	18.4	−0.5	13.3	20	0	11	+1	76	0	—	9
UPPER EGYPT																		
FAIYÛM	09	5	18	1	4	4	4	18.7	−0.7	9.0	20	−1	8	+2	77	0	8	3
MINYA	02	9	12	1	2	5	2	19.4	−0.6	12.4	22	+2	10	+4	59	0	tr.	
ASYÛT	01	6	22	1	1	4	5	19.1	−1.2	11.3	23	+3	9	+3	71	0	0	3
NAG' HAMÂDI	03	8	00	0	2	8	5	18.8	−1.0	10.1	21	—	6	—	71	0	0	—
QENA	02	6	28	2	1	5	5	18.3	−0.8	12.2	23	0	8	+1	—	0	0	—
LUXOR	00	7	28	2	0	0	—	18.7	−0.6	11.4	25	+2	6	0	59	0	0	—
ASWÂN	02	9	00	0	1	5	4	18.2	−0.9	15.3	26	+3	11	+1	46	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	21.0	+0.3	11.0	21	+1	10 (9)	+6	58	0	1	5
BAHARÎYA	00	9	00	0	0	0	—	21.1	+0.8	11.6	19	−1	6	+1	75	0	0	4
KHÂRGA	01	9	04	1	1	4	2	19.1	−0.4	11.2	23	+1	8	+2	49	0	0	—
DÂKHLA	00	7	00	0	0	0	—	20.6	0.0	12.3	23	+1	6	+1	51	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	18.4	+0.4	15.9	20	−1	11	+2	57	0	0	7
HURGHÂDA	01	8	26	1	1	4	9	18.4	+0.3	16.0	21	−1	11	+1	45	0	0	3
QUSEIR	00	8	29	1	0	0	—	—	—	19.0	25	+2	15	+1	43	0	11	4
PORT SÛDÂN	02	8	30	3	1	5	6	15		24					74	tr.	17	85
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	19		12					36	0	tr.	—
KAREIMA	00	8	02	2	0	0	—	16		17					22	0	7	1
'ATBARA	00	8	04	3	0	0	—	14		21					53	0	2	2
KHARTÛM	00	9	32	3	0	0	—	13		21					38	0	3	4
KASSALA	00	8	04	3	0	0	—	11		25					54	0	31	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	30	3	0	0	—	12		21					50	0	13	12
RENK												—		—		—	—	49
ROSEIRES	00	8	30	2	0	0	—	11		23					53	0	80	36
EL OBEID	00	9	30	4	0	0	—	14		18					32	0	44	16
EL FÂSHER	00	9	04	3	0	0	—	—	—	13					51	0	2	6
GENEINA	00	9	04	3	0	0	—	—	—	16		—		—	12	—	—	4
KADUGLI	00	8	04	2	0	1	1	11		23		—		—	27	—	—	89
S. SÛDÂN																		
MALAKÂL	01	8	02	3	1	5	4	11		24					34	0	170	88
WÂU	00	8	04	1	0	0	—	12		21					65	0	113	143
JUBA	01	8	28	1	1	4	4,1	11		27					45	0	188	144

UPPER WINDS ON 8th (٨ 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
8 h. m.	7 h. 15 m.	7 h. m.	8 h. 30 m.	7 h. 30 m.	7 h. m.	7 h. m.	7 h. m.	7 h. 30 m.	7 h. 15 m.	7 h. 15 m.	6 h. 30 m.
03 28 60	03 25 40	03 27 30	02 18 10	03 31 10	02 32 15	03 34 10	02 36 10	09 01 35	09 07 40	09 04 30	09 03 30
06 29 65	06 26 35	06 27 30	05 21 20	06 36 15	05 33 25	06 35 20	05 01 30	15 36 25	15 01 20	15 02 25	15 03 10
09 31 75	09 27 40	09 27 30	08 27 20	09 31 20	10 34 25	09 32 25	10 33 25	21 34 30	21 35 35	21 36 30	21 24 20
12 30 75	12 27 35	15 25 30	10 28 30	12 34 20	15 31 30	15 30 30	15 31 20	27 34 45	27 02 30	24 06 30	24 27 10
15 22 50	15 27 55		15 28 25	15 27 30	20 30 30	21 28 25	20 30 30	33 30 30	33 03 20	30 06 30	30 03 20
18 33 45			20 26 50	21 29 40	25 29 35	30 27 40	25 23 30		39 02 20	39 07 20	39 07 20
			23 27 55		30 27 50	33 27 50					
						36 28 55					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKÂL
7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. 30 m.	7 h. 15 m.
09 11 30	09 10 35		09 06 20	09 03 20	09 03 25
15 09 30	15 13 30		15 09 25	15 04 25	15 04 50
21 05 35				33 07 15	21 05 30
27 04 25				39 08 10	27 05 20
33 06 15					33 06 05
39 02 15					

UPPER AIR TEMP ALMÂZA AT 24h. G.M.T. ON 8th

HEIGHT feet	PPP mb.	TT	tt
Surface	1008	55	51
500	990	60	53
1000	972	59	49
1500	954	58	47
2000	937	57	46
4000	871	53	37
6000	808	49	34
8000	749	40	32
10000	693	30	28
12000	641	20	19
14000	592	17	16
	546	8	8

CYPRUS SYNOPTIC 8h. ON 8th

34780 03868 04368 15721 10605 32111
34980 01788 04368 15121 20803 19101

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): 0 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

DAILY WEATHER REPORT

CAIRO Time of Sunrise h. m. 06 52 — Sunset 17 12

Month JANUARY 1946 — شهر يناير ١٩٤٦

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

Station No.	ww 14h	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14	ww 20h	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20
130																						
131	18	5	28	6	3	5	8	14.7	16.4	71	0	01	—	28	6	3	4	8	16.4	16.0	75	0
150	00	7	26	5	0	2	8	14	18	46	0	82	7	24	5	8	6	8,9,6	14	14	77	1
132	01	9	22	5	2	4	8	14.0	17.0	48	0	02	5	26	6	5	5	9	15.1	13.0	82	tr.
159	02	8	20	4	2	6	8	13.1	18.0	69	0	21	7	18	4	5	3	8	13.5	11.5	91	dr.
134	01	7	20	5	2	4	6	13.2	18.9	57	0	00	8	22	4	1	1	6	13.9	14.8	59	0
135	02	7	20	3	1	7	4	14.2	20.3	53	0	00	7	16	4	0	0	—	12.7	15.1	76	0
136	01	6	20	5	1	3	8	13.9	18.3	53	0	00	6	20	3	1	0	—	14.8	12.8	77	0
137	01	8	28	2	1	4	8	14.2	19.0	52	0	00	6	20	2	1	0	—	14.8	11.5	76	0
138	01	8	24	3	1	4	8	14.6	19.0	54	0	00	8	24	2	1	0	—	15.6	11.0	85	0
139	14	6	22	5	3	5	8	15.0	18.8	60	0	00	6	24	2	0	0	—	15.5	11.4	84	0
—	01	9	22	5	1	4	8	14.0	19.2	52	0	00	8	22	4	1	0	—	16.2	14.1	57	0
141	01	7	26	4	1	4	8,4	14.1	19.6	35	0	00	7	26	3	0	0	—	16.5	14.7	40	0
—	01	8	24	3	1	4	8	15.0	20.0	47	0	00	6	20	1	0	0	—	16.7	13.8	55	0
—	01	8	24	3	1	4	8	14.4	22.1	45	0	00	7	26	1	0	0	—	16.7	12.4	58	0
143	01	8	24	3	0	4	8	14.6	19.9	46	0	00	7	24	1	0	0	—	16.8	13.5	44	0
144	00	9	16	1	0	0	—	14.8	20.4	51	0	00	8	26	2	0	0	—	17.8	16.9	46	0
153	01	8	26	3	1	3	8	15.5	21.0	45	0	00	8	30	1	0	0	—	17.8	14.3	45	0
154	00	9	30	2	1	0	—	16.4	20.9	39	0	00	8	32	2	0	0	—	19.1	14.4	62	0
155	01	7	22	1	1	4	5	16.6	20.5	33	0	01	6	22	1	1	3	5	18.2	14.0	57	0
164	01	8	00	0	1	4	5	16.2	20.9	38	0	01	8	00	0	1	4	5	17.9	13.8	57	0
156	01	7	24	2	2	4		15.4	21.8	—	0	01	6	26	2	1	4	1	17.5	15.8	—	0
157	00	7	30	2	0	0	—	16.3	25.0	28	0	00	6	28	2	0	0	—	16.7	17.7	47	0
158	00	9	28	1	1	3	1	15.0	25.0	14	0	01	9	00	0	1	4	4	16.8	18.0	28	0
148	00	8	28	2	0	0	—	19.2	18.5	58	0	00		00	0	0	0	—	20.0	11.0	58	0
149	00	9	00	0	0	0	—	18.7	18.4	42	0	00		00	0	0	0	—	—	11.0	75	0
151	00	9	02	2	0	3	2	16.2	23.9	22	0	01		04	1	1	4	2	18.0	17.9	38	0
152	00	8	28	3	0	0	—	17.2	22.8	28	0	00	6	28	1	0	0	—	18.3	16.8	50	0
145	00	7	28	3	0	0	—	15.4	21.9	61	0	00	7	28	3	0	0	—	15.6	16.8	67	0
146												00	9	26	2	0	0	—	—	16.1	55	0
147	00	8	32	2	0	0	—	14.3	23.6	41	0	00	8	04	1	0	0	—	14.6	18.2	58	0
169/168?	00	8	04		1	3	8	13	27	79												
165	00	8	02	3	0	0	—	14	26	28												
166	00	8	02	3	0	0	—	11	29	23												
167	00	8	30	3	0	0	—	9	31	26												
169/170?	00	8	02	3	0	0	—	9	32	28												
170	00	8	32	2	0	0	—	5	37	24												
171	00	8	32	4	0	0	—	6	35	27												
182	00	9	28	3	0	0	—	—	33	23												
172	00	8	04	2	0	0	—	5	37	17												
174	00	9	02	4	0	0	—	8	29	23												
175	00	9	04	2	0	2	1	—	29	17												
179	00	9	08	2	0	0	—	—	32													
187	00	8	04	3	0	3	1	7	34	12												
176	02	8	02	2	1	5	4,5	7	33	28												
177	01	8	08	3	0	3	4	9	35	18												
178	00	8	30	1	0	1	8	6	37	20												

Upper Winds are in the Code HHDDVV where HH is Height above 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	Port Saîd	Almâza	Minya 12h 45m	Luxor 13h 15m	Hurghâda	Wâdi Halfa 13h 15m	Kareima 12h 30m	Khartûm 13h	Kassala 13h	El Obeid 13h	Malakal 13h 15m	Juba 13h
03 28 75				03 22 20	03 24 15		10 35 35	10 01 20	10 02 20	10 02 05	10 02 20	10 03 30	10 00 40
06 29 60				06 28 10	06 30 10		15 36 20	15 02 30	15 02 20	15 04 05	15 01 10	15 02 30	15 06 10
10 29 80				10 32 15	10 27 20		20 35 15	20 04 20	18 36 20	20 25 15	20 27 15	20 04 30	20 09 10
15 30 55				15 27 40	15 26 30		25 33 40	25 05 15		25 24 30	25 27 10	25 04 25	25 06 05
				20 26 65	20 27 35		35 26 55	30 07 15		35 23 15	35 21 25	35 03 20	35 09 05
					25 27 40		40 27 25	40 13 10		40 06 10	40 20 15	40 03 10	40 11 10

REMARKS

Hours are Egyptian standard time long 30° E. and are [illegible] mean time

Station	Mean of day Humidity % on 8th	Diff from normal	Wet bulb temp °C on 8th	Diff from normal
Alexandria	76	+10	12.3	+0.4
Ezbekiya	57	−12	11.1	+0.7
Giza	60	−14	11.6	+1.5
Helwân	54	−4	10.6	+1.1

GIZA — GRASS MINIMUM TEMP on 9th 7.1° C

CAIRO — WATER TEMP RIVER NILE AT 8h on 9th 15.1° C

Discharges at Aswân measured by sluices m³ per sec	Date	1946	1945
	9.1	1389	810
	8.1	1447	810

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				8.22	+1.24
Malakâl		10.02	+0.57	12.05	+0.57
J. Aulia Res				377.12	
J. Aulia D.S				372.16	+0.10
Roseires	9-1	12.98	+0.74	12.98	+0.70
Sennar Res				20.71	
Khartûm		11.13	−0.06	11.17	−0.04
Kh. el Girba					
Atbara		10.92	+0.19	10.92	+0.17
Kajnarti				133.93	−0.09
Aswân Res.	—	121.02		121.43	
Aswân D.S		86.00	−0.19	86.08	−0.11
Koda (Cairo)		15.24	+0.41	15.21	+0.37

At 8h. on WEDNESDAY 9th (الساعة ٨ يوم الاربعاء ٩)

	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 °C	Min Today °C	Diff from norm °C	UU %	Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				47
	MATRÛH	01	7	22	2	5	4	8	19.6	+1.0	12.0	17	−1	6	−3	86	dr.	64	85
	MARIUT	01	7	29	3	0	4	8,9,6	17		16	18	—	14	—	59	1	122	80
	ALEXANDRIA	02	8	30	4	2	6	9	17.8	−1.1	13.2	18	−1	12	+1	89	1	94	112
	DAMIETTA	01	7	20	2	1	4	8	16.2	−1.8	11.1	19	—	9	—	93	dr.	33	48
	PORT SAÎD	21	7	20	4	5	4	9	16.2	−1.5	12.7	19	0	11	0	83	dr.	30	37
	EL ARÎSH	01	7	20	5	1	5	6	15.4	−3.2	12.8	21	+2	10	+3	78	0	36	38
LOWER EGYPT	DAMANHÛR	01	6	20	2	1	4	8	17.8	−0.8	10.0	19	−1	8	0	82	0	32	43
	MANSÛRA	01	7	28	1	1	3	8	17.2	−1.3	10.5	21	+1	9	+1	91	0	12	19
	TANTA	01	8	24	3	1	4	4	18.7	−0.5	10.5	19	−1	8	+1	94	0	29	16
	ZAGAZIG	01	6	28	2	1	3	8	18.6	−0.5	10.4	21	+1	8	+1	93	0	3	11
	SHEBÎN EL KÔM	00	9	22	3	0	1	8	18.8	−0.3	10.3	21	—	9	—	88	0	6	
MIDDLE EGYPT	CAIRO ALMAZA	00	7	21	2	1	3	6	19.0	−0.4	11.7	20	—	9	—	75	0	1	
	CAIRO EZBEKÎYA	09	5	16	2	1	4	6,5	19.4	0.0	11.1	21	+1	10	+2	81	0	2	10
	CAIRO GÎZA	09	6	14	2	1	3	6	19.6	0.0	11.2	22	+3	9	+3	83	0	13	11
	HELWÂN	02	7	14	2	2	5	8	19.9	+0.2	9.0	21	+2	8	0	74	0	2	10
	SUEZ	00	9	26	1	0	0	—	19.9	+1.0	16.3	24	+4	12	+2	56	0	—	9
UPPER EGYPT	FAIYÛM	00	6	22	3	0	3	8	20.2	+0.8	8.5	23	+2	6	0	78	0	8	3
	MINYA	00	8	02	1	0	0	—	21.6	+1.6	11.6	22	+2	11	+5	64	0	dr.	—
	ASYÛT	00	6	22	1	1	0	—	21.2	+0.9	9.3	23	+3	7	+1	65	0	0	3
	NAG HAMÂDI	02	8	00	0	2	5	5	21.0	+1.2	13.1	23	—	7	—	66	0	0	—
	QENA	01	7	20	2	1	4	4,5	20.0	+0.9	10.9	23	0	8	+1	—	0	0	—
	LUXOR	00	7	28	2	0	0	—	20.6	+1.3	15.0	26	+3	12	+6	49	0	0	
	ASWÂN	02	9	32	3	1	5	1	19.8	+0.7	12.4	25	+2	13	+3	45	0	0	
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	21.2	+0.5	8.5	19	0	7	+3	66	0	1	5
	BAHARÎYA	00	9	00	0	0	0	—	22.3	+2.0	10.5	19	−1	6	+1	69	0	0	4
	KHÂRGA	01	9	32	2	1	5	3	20.8	+1.3	12.0	25	+3	11	+5	61	0	0	
	DÂKHLA	00	7	28	2	0	0	—	21.6	+1.0	12.4	23	+1	10	+5	70	0	0	
RED SEA	TÔR	00	7	04	3	0	0	—	19.1	+1.1	15.2	24	+3	12	+3	65	0	0	7
	HURGHÂDA	00	9	30	5	0	0	—	18.9	+0.8	16.3	25	+3	11?	+1	43	0	0	3
	QUSEIR	00	8	28	1	0	0	—	18.7	+1.0	17.2	25	+2	17	+3	45	0	11	4
	PORT SÛDÂN	01	8	20	3	1	5	6	15		24					84	0	17	86
NORTH SÛDÂN	WÂDI HALFA	00	8	00	0	0	2	1	19		13					47	0	tr.	—
	KAREIMA	00	8	04	2	0	0	—	16		17					19	0	7	1
	ATBARA	00	8	02	3	0	0	—	13		19					22	0	2	2
	KHARTÛM	00	8	31	3	0	0	—	13		20					35	0	3	4
	KASSALA	00	8	16	1	0	0	—	11		22					69	0	31	8
CENTRAL SÛDÂN	WAD MEDANI	00	9	32	4	0	0	—	12		21					35	0	13	12
	RENK	00	9	28	3	0	0	—	10		22	—			—	38	—	—	49
	ROSEIRES	00	8	24	2	0	0	—									0	80	36
	EL OBEID	00	9	32	3	0	0	—	14		19					40	0	44	16
	EL FÂSHER	00	9	32	2	0	0		—	—	8					50	0	2	6
	GENEINA											—			—				4
	KADUGLI	00	8	08	3	0	0	—	12		23	—			—	20	—		89
S. SÛDÂN	MALAKÂL	00	8	02	4	0	2	4	11		24					38	0	170	88
	WÂU	00	8	32	2	0	0	—	11		22					41	0	113	143
	JUBA	05	6	14	1	0	0	—	12		24					50	0	188	144

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 7h	Mariut	Port Saîd 7h 15m	Helwân 9h	Minya 7h 15m	Asyût 7h	Luxor 7h	Aswân 7h	Wâdi Halfa 7h 15m	Abu Hamad 7h	Kareima 7h 15m	Khartûm 6h 45m
02 29 30		03 28 50	02 18 20	03 33 30	02 33 20	03 33 15	02 36 20	10 03 50	10 05 35	10 05 35	10 03 40
06 31 30		06 29 50	05 21 05	06 32 35	05 33 30	06 34 15	05 36 55	15 02 30	15 03 35	15 33 05	15 36 05
10 31 40		10 29 60	05 30 40	10 32 30	10 33 35	10 34 30	10 35 30	20 01 20	20 02 30	20 03 35	20 28 20
15 32 35			09 31 40	15 32 50	15 31 40	15 31 50	15 31 25	25 36 05	25 36 35	25 03 30	25 28 25
20 33 30			E.t. St.	20 31 65	20 31 40	20 30 65	20 31 45	35 29 15	35 36 35	30 06 10	30 30 15
					E.t. C.	25 30 80	25 28 40	40 27 35	40 36 15	40 13 10	
								50 26 50			

Kassala 7h	Port Sûdân 7h 12m	El Obeid 7h	El Fâsher 7h	Geneina	Malakal 7h
10 17 20	10 07 30	10 23 50	10 06 15		10 03 60
15 01 30	15 02 15	15 04 40	15 05 35		15 04 40
20 05 25	20 12 15	20 07 10	20 05 20		20 03 40
25 03 40	25 13 15	25 11 15	25 01 10		25 05 20
25 34 15		35 32 20	35 26 20		35 05 20
40 07 15		40 35 20	40 31 15		40 09 20
		50 01 50	50 03 05		
		60 11 20			

UPPER AIR TEMP ALMÂZA AT 23h G.M.T. ON 8th

Height feet	PPP	TTT	Td
Surface	1008	55	49
500	989.9	53	48
1000	972.1	52	47
1500	954.7	51	46
2000	937.3	49	45
4000	870.6	41	39
6000	807.8	35	32
8000	748.0	29	25
10000	693.2	26	20
12000	641.1	18	14
14000	592.2	13	10
[illegible]	546.4	7	5

CAIRO SYNOPTIC ON 9th

30770 31964 04215 14118 80312 05461

30990 28256 32286 13118 90211 05491

PRESENT WEATHER 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 20-25
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- 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
- Showers of Snow 83, 84
- Showers of Sleet 85, 86
- Showers of Hail 88, 89
- Thunderstorm 90-99
- Thunderstorm ended, now Rain 91
- Thunderstorm with Hail 96
- Thunderstorm with Duststorm 98
- Thunderstorm heavy with Hail 99

PAST WEATHER (W)
- Clear, slight cloud 0
- Variable sky
- Mainly overcast
- Sandstorm, Duststorm 3
- 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 km.

CLOUD AMOUNT (N)
- Clear
- Trace
- 1 Tenth
- 2, 3 Tenths
- 4, 5, 6 Tenths
- 7, 8 Tenths
- 9 Tenths
- Over 9 Tenths
- Overcast
- Fog or Dust

WIND FORCE (F)
- Calm
- Almost calm
- Very light
- Light
- Moderate
- Fresh
- Strong
- Very strong
- Gale
- Strong gale
- Whole gale
- Storm
- Hurricane

WIND DIRECTION (DD)
- 00 = Calm
- 24 = West
- 36 = North

CLOUD FORM (C)
- Cirrus
- Cirro-stratus
- Cirro-cumulus
- Alto-cumulus
- Alto-stratus
- Strato-cumulus
- Nimbo-stratus
- Cumulus
- Cumulo-nimbus
- Stratus

CAIRO
Time of Sunrise h. 06 m. 52
Sunset h. 17 m. 13

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

DAILY WEATHER REPORT

Month *January* 1946 — شهر يناير ١٩٤٦

At 14h. on 9th (الساعة ١٤ يوم ٩) — At 20h. on 9th (الساعة ٢٠ يوم ٩)

Station	14h ww	V	DD	F	W	N	C	Bar. press M.S.L. 1000+ mbs PPP	Temp. TTT	% Humidity UU	Rain 18-4	20h ww	V	DD	F	W	N	C	Bar. press M.S.L. 1000+ mbs	°C Temp.	% Humidity	Rain 14-20 mms	Station Number
Salûm																							130
Matrûh	02	9	28	3	1	5	8	19.4	17.8	72	0	02	—	32	1	2	5	8	20.7	15.0	87	0	131
Mariut	01	8	29	3	2	5	6	18	19	52	0	02	8	28	1	1	7	8	19	16	68	tr	150
Alexandria	01	9	30	2	5	4	8	18.0	18.8	56	dr	02	5	02	2	2	5	5	19.8	16.0	64	0	132
Damietta	01	8	28	4	1	4	8	16.2	17.5	74	0	01	8	28	2	1	3	8	18.7	14.3	87	0	159
Port Saʿîd	51	7	28	5	5	5	7	16.6	15.5	86	2	21	8	28	—	5	4	7	18.6	14.7	82	dr	134
El ʿArîsh	02	7	28	5	1	7	9	14.4	16.9	72	0	00	7	24	4	1	3	9	—	15.4	73	0	135
Damanhûr	01	7	24	3	1	4	8	17.5	18.4	63	0	01	6	28	2	1	4	4	19.4	13.6	85	0	136
Mansûra	01	8	32	1	1	4	8	17.2	19.0	48	0	00	6	32	1	1	0	—	19.5	13.8	78	0	137
Tanta	02	8	24	3	2	5	8	17.6	18.0	75	0	00	8	20	1	1	0	—	20.0	12.2	93	0	138
Zagazig	50	5	20	2	5	5	8	18.2	16.8	79	dr	00	6	26	2	0	0	—	18.2	13.2	88	0	139
Shebîn el Kôm	02	8	30	4	6	5	9	17.4	15.6	79	2	00	8	30	2	1	0	—	19.2	14.2	85	0	—
Almaza	01	7	28	1	8	5	6	17.6	16.1	70	0	00	6	00	0	0	2	6	19.6	13.1	81	0	141
Ezbekîya	02	8	28	2	5	5	6	18.3	18.8	53	dr	01	7	00	0	5	5	6	19.8	14.5	79	dr	—
Gîza	02	8	30	2	1	5	8	18.0	19.2	52	dr	01	8	00	0	1	4	8	19.6	13.1	87	dr	—
Helwân	21	8	00	0	5	6	9	18.2	16.9	61	dr	01	6	00	0	1	4	8	19.9	13.2	76	0	143
Suez	02	9	26	2	2	5	9	17.5	19.7	44	0	02	7	26	1	2	6	9	19.6	16.1	62	dr	144
Faiyûm	02	8	30	4	2	5	8	18.2	19.2	48	0	00	8	32	1	0	0	—	20.0	13.9	68	0	153
Minya	01	8	32	2	1	4	8	17.8	21.7	43	0	01	8	32	1	1	4	8	19.1	14.6	64	0	154
Asyût	00	8	30	1	0	0	—	18.6	18.5	46	0	00	6	28	1	0	0	—	20.0	14.0	67	0	155
Nag Hamadi	01	8	26	1	1	4	5	17.8	19.5	43	0	00	8	32	1	0	0	—	19.4	14.5	63	0	164
Qena	01	8	26	2	1	3	1	16.7	19.4	—	0	01	6	26	2	1	3	—	19.0	12.8	68	0	156
Luxor	00	7	00	0	0	0	—	18.0	20.5	38	0	00	6	28	2	0	0	—	19.2	14.4	53	0	157
Aswân	02	9	32	4	1	5	8	16.4	21.0	27	0	00	9	32	2	0	0	—	18.6	15.0	39	0	158
Sîwa	00	8	28	2	0	0	—	20.7	18.5	62	0	00	5	00	0	0	0	—	22.7	13.0	66	0	148
Baharîya	00	9	00	0	0	0	—	20.3	19.4	43	0	00	—	00	0	0	0	—	22.4	10.0	74	0	149
Khârga	00	9	32	3	0	2	1	18.8	19.0	41	0	00	—	32	1	1	2	3	20.6	14.1	52	0	151
Dâkhla	00	8	28	3	0	0	—	19.0	20.0	44	0	00	6	24	1	0	0	—	20.8	13.7	57	0	152
Tôr	00	7	28	4	0	0	—	17.5	20.2	64	0	00	7	28	4	0	0	—	18.3	18.2	64	0	145
Hurghada	00	9	02	3	0	0	—	17.6	18.5	42	0	00	9	30	3	0	0	—	17.8	17.0	34	0	146
Quseir	00	8	32	3	0	0	—	15.9	22.2	37	0	00	8	32	1	0	0	—	18.2	15.8	47	0	147
Port Sudan	01	8	04	3	1	3	6	12	27	79	0												205
Wâdi Halfa	00	8	02	4	0	0	—	15	19	28	0												165
Kareima	00	8	04	3	0	0	—	11	29	31	0												166
ʿAtbara	00	7	32	4	0	0	—	8	31	33	0												167
Khartûm	00	8	30	3	0	0	—	8	32	26	0												208
Kassala	00	8	30	2	0	0	—	5	34	30	0												170
Wad Medani	00	8	32	3	0	0	—	6	34	20	0												171
Renk	00	9	28	3	0	0	—	4	33	26	—												182
Roseires	00	8	04	1	0	0	—	6	36	22	0												172
El Obeid	00	9	30	3	0	0	—	8	32	20	0												174
El Fasher	00	9	04	2	0	0	—	—	28	08	0												175
Geneina	00	9	02	3	0	0	—	—	32	13	—												179
Kadugli	00	8	04	4	0	1	1	7	35	13	—												187
Malakal	00	8	32	3	0	1	4	5	36	13	0												176
Wâu	00	8	06	3	0	0	—	6	36	15	0												177
Juba	01	8	32	1	0	4	8,1	5	37	20	0												178

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	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												—		—				48
	Matrûh	00	9	00	0	0	3	8	21.5	+2.9	10.8	18	0	9	0	82	0	64	86
	Mariut	01	8	26	2	2	4	8	19	—	16	19	—	15	—	63	tr	122	82
	Alexandria	02	8	28	4	2	6	6	20.6	+1.7	16.2	20	+1	14	+4	67	tr	94	113
	Damietta	21	6	20	1	5	5	8	19.9	+1.9	11.7	18	—	9	—	95	dr	33	49
	Port Saʿîd	01	8	20	3	1	4	6	20.2	+2.5	13.3	18	-1	12	+1	85	2	32	38
	El ʿArîsh	01	7	28	3	1	4	7	18.6	0.0	12.2	18	-1	10	+3	88	0	36	39
Lower Egypt	Damanhûr	02	5	20	2	5	5	9	20.3	+1.7	12.8	19	-1	10	+2	91	dr	32	44
	Mansûra	02	6	14	1	2	5	9	20.4	+1.9	10.7	20	0	9	+1	92	0	12	20
	Tanta	03	7	24	1	2	8	7	21.2	+2.0	11.8	20	0	9	+3	97	0	29	16
	Zagazig	02	5	04	2	2	7	7	21.2	+2.1	10.6	21	+1	8	+1	98	dr	3	11
	Shebîn el Kôm	02	8	22	2	1	5	8	21.2	+2.1	12.3	22	—	10	—	94	2	8	—
Middle Egypt	Cairo: Almaza	05	6	19	1	2	5	8	20.9	+1.5	12.8	18	—	10	—	81	R.	1	—
	Cairo: Ezbekîya	09	5	14	1	5	6	6	21.4	+2.0	11.9	20	0	11	+3	83	dr	2	10
	Cairo: Gîza	09	5	14	2	6	6	9	21.2	+1.6	12.3	21	+2	9	+3	87	dr	13	11
	Helwân	09	4	00	0	2	7	6	21.6	+1.9	10.3	19	0	10	+2	89	dr	2	11
	Suez	08	8	26	1	1	4	9	20.0	+1.2	16.6	20	0	12	+2	56	dr	—	9
Upper Egypt	Faiyûm	02	7	30	2	2	6	6	21.8	+2.4	11.5	20	-1	10	+4	77	0	8	3
	Minya	01	8	26	1	1	4	4	22.7	+2.7	9.8	22	+2	8	+2	82	0	dr	—
	Asyût	01	6	22	1	1	4	4	22.6	+2.3	10.0	20	0	7	+1	74	0	0	3
	Nag Hamâdi	00	8	00	0	0	0	—	21.9	+2.1	12.1	20	—	8	—	75	0	0	—
	Qena	00	7	24	2	1	0	—	21.2	+2.1	11.0	21	-2	7	0	—	0	0	—
	Luxor	00	7	28	2	0	0	—	21.4	+2.1	14.0	22	-1	7	+1	47	0	0	—
	Aswân	00	9	00	0	0	0	—	21.1	+2.0	14.0	22	-1	10	0	59	0	0	—
Western Desert	Sîwa	00	7	00	0	0	0	—	21.8	+1.1	8.5	19	0	5	+1	79	0	1	5
	Baharîya	00	9	00	0	0	0	—	23.8	+3.5	9.5	20	0	5	0	67	0	0	4
	Khârga	00	9	00	0	0	2	2	22.0	+2.5	9.9	20	-2	6	0	80	0	0	—
	Dâkhla	00	7	22	1	0	0	—	23.1	+2.6	10.0	21	-1	5	0	78	0	0	—
Red Sea	Tôr	00	7	04	3	0	0	—	19.9	+1.9	15.8	24	+3	12	+3	56	0	0	7
	Hurghâda	01	8	30	3	1	4	9	19.0	+0.8	16.0	—	—	12	+2	56	0	0	3
	Quseir	00	8	28	1	0	0	—	19.6	+1.8	16.8	25	+2	14	0	51	0	11	4
	Port Sûdân	02	8	28	3	1	7	8,4	17		23					78	0	17	86
North Sûdân	Wâdi Halfa	00	8	00	0	0	0	—	20		12					51	0	tr	—
	Kareima	00	8	04	3	0	0	—	16		18					24	0	7	1
	ʿAtbara	00	8	32	2	0	0	—	14		21					28	0	2	2
	Khartûm	00	8	02	3	0	0	—	14		22					23	0	3	4
	Kassala	00	8	00	0	0	0	—	12		22					69	0	31	8
Central Sûdân	Wad Medani	00	9	02	3	0	0	—	13		22					44	0	13	12
	Renk	00	9	26	3	0	0	—	9		23		—		—	44	—	—	49
	Roseires	00	8	30	1	0	0	—	11		20					56	0	80	36
	El Obeid	00	8	30	3	0	2	5	14		19					30	0	44	16
	El Fâsher	00	9	32	2	0	0	—	—	—	9					34	0	2	6
	Geneina								—	—			—		—			—	41
	Kadugli	00	8	32	2	1	3	1	13		23		—		—	27	—		89
S. Sûdân	Malakâl	00	8	02	4	0	0	—	11		25					32	0	170	88
	Wâu	00	7	00	0	0	0	—	12		22					31	0	113	143
	Juba	05	6	00	0	0	0	—	13		24					61	0	188	144

Upper Winds are in the Code HHDDVV where HH is Height 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 12 h. m.	Mariut h. m.	Port Saʿîd h. m.	Almaza h. m.	Minya 13 h. m.	Luxor 13 h. m.	~~Geneina~~ 13 h. m.	Wâdi Halfa 13 h. m.	Kareima 12 h. 30 m.	Khartûm 13 h. m.	Kassala 13 h. m.	El Obeid 12 h. 30 m.	Malakal 13 h. m.	Juba 13 h. m.
03 32 30				03 34 10	03 32 15	09 07 20	09 02 35	09 05 35	09 03 35	09 01 25	09 05 15	09 02 20	09 07 10
06 32 30				06 33 15	06 34 15	15 07 25	15 01 35	15 01 25	15 02 35	15 03 20	15 32 15	15 03 20	15 04 20
09 32 30				09 33 20	09 35 15	21 36 05	21 01 20	21 05 25		21 03 20	21 23 15	21 04 20	21 04 15
				15 32 40	15 02 10	27 25 10	27 20 05	24 05 20		27 27 30	27 21 25	27 04 25	27 04 35
				21 30 75	21 04 05	33 25 15		30 06 15		33 28 20	33 20 35		30 06 30
				30 28 —		39 29 15		39 22 05		39 26 15	39 31 05		39 09 35

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

~~Matrûh~~ 8 h. 15 m.	~~Mariut~~ 7 h. 30 m.	Port Saʿîd 7 h. 15 m.	Helwân 9 h. m.	Minya 7 h. 30 m.	Asyût 7 h. m.	Luxor 7 h. m.	Aswân 7 h. m.	Wâdi Halfa 7 h. 15 m.	Abu Hamad 7 h. m.	Kareima h. m.	Khartûm 6 h. 30 m.
03 21 30	03 30 25	03 29 15	02 17 10	03 35 15	02 32 05	03 36 15	02 01 10	09 04 25	09 05 35		09 05 50
06 21 25	06 31 20	06 32 15	05 29 15	06 34 20	05 01 20	06 36 30	05 02 35	15 03 20	15 04 40		15 06 20
09 22 30	09 22 15	09 31 15	08 28 20	09 33 25	10 35 30	09 36 35	10 02 20	21 01 10	21 06 20		21 28 20
12 22 35	15 20 15	12 30 15	10 33 20	12 36 30	15 34 15	12 01 30	15 32 20	27 29 20	27 34 15		24 27 30
	21 29 15	15 30 25	15 33 30	15 34 30	20 29 35	15 05 20	20 33 15	33 28 35	33 30 —		30 25 35
	27 30 30	18 29 30	20 31 35	18 34 30	25 30 55	21 34 15		39 28 40	39 27 20		39 28 05
			23 32 15	27 33 30	30 29 55						51 22 10
											60 30 20

Kassala 7 h. m.	Port Sûdân h. m.	El Obeid 7 h. 15 m.	El Fâsher h. m.	Malakal 7 h. m.	Juba 7 h. 45 m.
09 04 30		09 05 50		09 02 30	09 03 20
15 02 20		15 04 20		15 04 35	15 04 30
27 28 30		21 34 30		21 16 20	21 07 30
33 26 20		27 31 10		27 36 10	27 08 35
39 23 30		33 32 20		33 35 15	33 09 35
		39 27 15			39 09 35

UPPER AIR TEMP. ALMÂZA AT 23 G.M.T. ON 9th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1010	51	49
500	992	54	51
1000	974	53	50
1500	957	51	48
2000	939	49	47
4000	872	42	39
6000	808	31	31
8000	750	35	31
10000	695	29	23
12000	642	21	18
14000	593	12	11
16000	547	3	3

CYPRUS SYNOPTIC 8h. ON 10th

34710 12971 30211 18080 60406 00061
34920 01963 22113 18070 43706 00086

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 - 1	1331	810
	9 1	1389	810

Station	Mean of day: Humidity % on 9th	Diff from normal	Wet bulb temp °C on 9th	Diff from normal
Alexandria	72	+6	12.9	+1.0
Ezbekîya	73	+4	12.3	+2.0
Gîza	78	+4	11.9	+1.9
Helwân	71	+13	10.4	+0.9

GÎZA — GRASS MINIMUM TEMP. ON 10th 7.1° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 10th 15.0° C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba		—	—	12.75	-0.66
Nâsser		—	—	8.04	+1.13
Malakâl		11.98	+0.56	12.02	+0.57
J. Aulia Res.		—	—	377.16	—
J. Aulia D.S		—	—	372.14	+0.10
Roseires		12.96	+0.75	12.98	+0.74
Sennar Res.		—	—	20.71	—
Khartûm		11.10	-0.07	11.13	-0.06
Kh. el Girba					
ʿAtbara		10.90	+0.16	10.92	+0.19
Kajnarti				133.92	-0.08
Aswân Res.	10	121.02	—	121.02	—
Aswân D.S		85.89	-0.30	86.00	-0.19
Roda (Cairo)		15.[illegible]	[illegible]	15.24	+0.41

PRESENT WEATHER 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
Squalls 14
Slight Duststorm 8
Rain in ... 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick ... 40-49
Mist, Fog ... 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

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

CAIRO
Time of Sunrise h. 06 m. 32
Sunset h. 17 m. 14

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *JANUARY* 1946 — شهر يناير ١٩٤٦

At 14h. on 10th (الساعة ١٤ يوم ١٠) and 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	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	01	9	28	1	0	4	8	21.2	17.0	68	0	01	—	30	1	1	4	8	23.1	16.0	69	0	131
Mariut	03	7	28	2	8	5	9	20	18	52	tr.	01	7	29	2	2	4	8	21	15	68	tr.	150
Alexandria	02	9	28	2	6	6	9	20.0	17.2	63	3	02	6	32	1	6	5	8	23.0	16.0	68	tr.	132
Damietta	02	8	16	3	1	6	6	19.2	17.2	76	0	02	7	28	2	2	7	8	21.0	15.8	84	0	159
Port Said	21	8	26	3	5	5	7	19.6	16.6	75	tr.	21	8	20	3	5	5	7	20.8	14.8	84	tr.	134
El Arish	02	7	24	4	1	6	9	19.0	17.3	72	0	02	7	20	2	1	6	4	18.4	15.1	78	0	135
Lower Egypt																							
Damanhur	01	6	20	3	5	4	8	19.9	17.4	66	tr.	01	6	20	2	1	3	8	19.9	12.6	78	0	136
Mansura	02	7	32	2	5	5	9	19.5	18.0	62	tr.	02	5	24	2	2	6	9	21.9	12.8	86	0	137
Tanta	13	6	00	0	6	8	7	19.8	16.0	79	2	00	8	00	0	6	0	—	22.6	10.5	94	6	138
Zagazig	20	5	28	2	5	0	—	21.5	16.4	60	tr.	00	6	30	2	0	0	—	18.2	13.1	80	0	139
Shebin el Kom	02	8	26	3	2	5	9	19.0	17.5	66	0	00	8	30	2	1	1	8	19.8	14.1	79	0	—
Middle Egypt																							
Cairo Almaza	02	7	26	3	2	6	9	19.9	17.1	53	0	03	7	00	0	2	8	8	22.3	14.6	74	1	141
Cairo Ezbekiya	02	8	24	1	5	7	9	20.4	17.7	62	tr.	02	7	00	0	5	7	9	22.8	14.4	78	tr.	—
Cairo Giza	02	8	24	2	5	6	9	20.2	18.8	49	tr.	02	7	00	0	5	7	8	23.1	14.4	82	tr.	—
Helwan	50	9	00	0	5	7	9	19.9	17.7	63	tr.	02	7	30	1	5	5	6	22.6	14.7	70	tr.	143
Suez	02	—	26	1	2	5	9	20.4	19.4	44	0	02	7	26	1	2	5	9	20.3	15.9	68	5	144
Upper Egypt																							
Faiyum	01	8	26	3	1	4	6	20.2	20.5	51	0	02	8	32	1	2	6	6	23.0	14.7	71	0	153
Minya	02	8	30	2	2	5	8	20.2	20.6	45	0	00	8	28	1	1	0	—	22.0	14.8	56	0	154
Asyut	01	7	26	1	1	4	8	20.8	19.1	50	0	00	6	22	1	1	0	—	22.6	12.5	71	0	155
Nag Hamadi	00	8	24	1	0	0	—	19.1	21.0	41	0	00	8	00	0	0	0	—	22.2	11.9	84	0	184
Qena	01	8	26	2	0	3	1	18.4	20.3	—	0	00	6	26	2	1	2	1	21.6	14.6	—	0	156
Luxor	00	7	30	2	0	0	—	19.6	22.0	43	0	00	6	28	2	0	0	—	21.8	15.3	56	0	157
Aswan	00	9	30	2	0	0	—	18.2	21.4	32	0	00	9	32	2	0	0	—	20.6	14.6	39	0	158
Western Desert																							
Siwa	00	8	28	2	0	0	—	23.2	17.5	61	0	00	—	00	0	0	0	—	—	13.5	77	0	148
Bahariya												00	9	00	0	0	0	—	—	17.5	48	0	149
Kharga	00	9	02	3	0	0	—	20.2	19.6	46	0	00	—	32	3	0	0	—	23.0	15.2	57	0	151
Dakhla	00	8	32	4	0	0	—	20.8	19.3	51	0	00	6	28	2	0	0	—	23.1	12.9	65	0	152
Red Sea																							
Tor	00	7	28	5	0	0	—	19.0	19.2	43	0	00	7	28	3	0	0	—	21.9	17.2	43	0	145
Hurghada	01	8	02	4	1	4	9	18.3	18.5	42	0	00	9	02	3	0	0	—	21.4	16.1	51	0	146
Quseir	00	8	32	3	0	0	—	18.0	22.0	49	0	00	8	04	1	0	0	—	20.2	17.6	63	0	147
Port Sudan	02	8	32	4	1	6	6	14	26	62													[illegible]
North Sudan																							
Wadi Halfa	00	8	02	4	0	0	—	18	22	27													165
Kareima	00	8	06	3	0	0	—	13	29	12													166
Atbara	00	8	04	3	0	0	—	10	31	31													167
Khartum	00	8	04	3	0	0	—	10	32	26													[illegible]
Kassala	00	8	32	3	0	0	—	7	34	30													170
Central Sudan																							
Wad Medani	00	8	02	2	0	0	—	7	34	25													171
Renk	00	9	28	3	0	0	—	5	34	25													162
Roseires	00	8	25	2	0	0	—	7	37	24													172
El Obeid	00	9	04	3	0	0	—	8	32	21													174
El Fasher	00	9	08	2	0	0	—	—	29	12													175
Geneina	00	9	02	3	0	0	—	—	31	13													179
Kadugli	00	8	28	3	0	0	—	7	36	15													187
S. Sudan																							
Malakal	01	8	32	4	0	3	4	6	36	19													176
Wau	00	7	02	3	0	0	—	7	26	58													177
Juba	01	8	30	2	0	4	8	6	37	20													178

At 8h. on *FRIDAY* 11th (الساعة ٨ يوم الجمعة 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												—		—				49
Matrûh	02	9	24	1	1	6	9	25.5	+6.9	12.8	18	0	10	+1	77	0	64	88
Mariut	02	7	26	2	2	7	8	24		15	18	—	14	—	68	tr.	122	83
Alexandria	02	9	28	2	2	6	6	24.3	+5.4	15.6	18	-1	14	+4	64	3	97	115
Damietta	02	7	20	2	2	5	8	24.0	+6.0	13.0	18	—	11	—	93	0	33	50
Port Sa'îd	02	8	22	2	5	6	6	24.2	+6.5	14.9	18	-1	13	+2	83	tr.	32	38
El 'Arîsh	01	7	20	2	0	4	8	23.9	+5.3	13.1	19	0	10	+3	90	0	46	40
Lower Egypt																		
Damanhûr	02	6	22	2	2	5	4	24.2	+5.6	13.0	19	-1	10	+2	89	tr.	32	46
Mansûra	01	7	24	1	1	4	6	24.2	+5.8	11.0	19	-1	9	+2	85	tr.	12	20
Tanta	02	8	00	0	2	6	8	25.8	+6.6	12.5	19	-1	7	+1	98	8	37	17
Zagazig	02	6	28	2	2	5	8	—	—	11.2	20	0	5	-2	89	tr.	3	11
Shebîn el Kôm	02	8	22	2	1	5	8	—	—	12.2	20	—	9	—	90	0	8	—
Middle Egypt																		
Cairo Almaza	13	6	21	1	2	6	6	24.6	—	12.7	19	—	10	—	82	1	2	—
Cairo Ezbekîya	09	5	16	1	2	8	6	25.1	+5.7	12.7	19	-1	11	+3	86	tr.	2	11
Cairo Gîza	09	5	16	1	4	6	6	25.0	+5.4	12.2	19	0	9	+3	88	tr.	13	12
Helwân	05	6	00	0	2	7	6	25.2	+5.5	11.9	18	0	10	+2	86	tr.	2	11
Suez	02	8	26	1	2	5	9	—	—	14.8	21	+1	11	+1	70	5	—	9
Upper Egypt																		
Faiyûm	09	6	02	1	2	4	6	25.2	+5.8	10.0	22	+1	9	+3	80	0	8	3
Minya	00	8	30	1	0	0	—	25.2	+5.2	10.6	21	+1	5	-1	84	0	tr.	—
Asyût	00	6	00	0	0	0	—	25.5	+5.2	10.0	20	0	6	0	74	0	0	3
Nag Hamâdi	00	8	32	1	0	0	—	25.2	+5.4	10.1	21	—	6	—	88	0	0	—
Qena	00	7	28	2	0	0	—	24.0	+4.9	10.4	22	-1	7	0	—	0	0	—
Luxor	00	7	28	2	0	0	—	24.4	+5.1	16.0	23	[illegible]	7	[illegible]	50	0	0	—
Aswân	00	9	02	2	0	0	—	24.2	+5.1	12.5	22	-1	9	-1	60	0	0	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	25.8	+5.1	9.0	19	0	7	+3	80	0	1	5
Baharîya	01	9	32	1	1	4	—	—	—	10.1	18	-2	6	+1	74	0	0	4
Khârga	00	9	00	0	0	0	—	25.4	+5.8	10.4	21	-1	6	0	73	0	0	—
Dâkhla	00	7	28	3	0	0	—	26.0	+5.5	10.2	20	-2	6	+1	79	0	0	—
Red Sea																		
Tôr	00	7	32	3	0	0	—	23.9	+5.9	17.2	22	+1	11	+2	37	0	0	8
Hurghâda	00	9	30	4	0	0	—	23.0	+4.8	15.5	20	-2	11	+1	46	0	0	3
Quseir	00	8	28	1	0	0	—	22.2	+4.4	17.0	25	+2	14	0	46	0	11	4
Port Sûdân	01	8	28	3	1	3	6	20		22					69	0	17	86
North Sûdân																		
Wâdi Halfa	00	8	02	2	0	0	—	23		12					67	0	tr.	—
Kareima	00	8	04	2	0	0	—	20		16					—	0	7	1
Atbara	00	8	30	3	0	0	—	19		18					37	0	2	2
Khartûm	00	8	31	3	0	0	—	17		19					—	0	3	4
Kassala	00	8	04	2	0	0	—	14		23					69	0	31	8
Central Sûdân																		
Wad Medani	00	9	04	6	0	0	—	15		23					53	0	18	12
Renk	00	9	30	3	0	0	—	11		23		—		—	41	—	—	49
Roseires	00	8	28	1	0	0	—	12		21					67	0	80	36
El Obeid	00	6	30	3	0	0	—	9		19					49	0	44	16
El Fâsher	00	9	28	1	0	0	—	—	—	12					44	0	2	6
Geneina								—	—			—		—				4
Kadugli	00	8	04	4	0	0	—	—		26		—		—	27	—	—	89
S. Sûdân																		
Malakâl	01	8	32	4	0	3	4	12		25					42	0	170	88
Wâu	00	8	02	2	0	3	1	13		22					47	0	113	143
Juba	05	7	14	1	0	0	—	12		26					42	0	188	144

Present Weather	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]	47
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and Snow	68 69
Snow	70 79
Showers	80 89
[illegible] Snow	83 84
[illegible] Sleet	85 86
[illegible] Hail	88 89
Thunderstorm	90 99
[illegible] ended, now Rain	91
[illegible] with Hail	94 96
[illegible] with Duststorm	98
Heavy, with Hail	99

[Past] Weather (W)
Clear, slight cloud
Variable sky
[illegible] overcast
Sandstorm, Duststorm 3
Fog, thick dust haze
Drizzle
Rain
Snow, sleet
Showers
Thunderstorm

[Visibility] (V)
Objects not visible at
[illegible] metres
200
500
1 kilometre

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 12h. 15m.	Mariut 13h. 15m.	Port Saîd 13h. 15m.	Almâza	Minya	Luxor 12h. 45m.	Hurghâda	Wâdi Halfa	Kareima 12h. 45m.	Khartûm 12h.	Kassala 12h. 30m.	El Obeid 13h.	Malakal 12h. 45m.	Juba 13h.
03 32 10	03 31 20	03 28 25			03 32 10			09 06 30	09 03 15	09 36 15	09 01 35	09 02 15	09 08 20
06 32 15	06 31 20	06 27 30			06 33 10			15 02 15	15 01 15	15 02 10	15 02 30	15 02 20	15 04 20
09 31 15	09 32 35	09 28 25			09 33 20			20 36 15	21 26 20	21 05 10	21 27 15	21 36 15	21 01 20
12 30 15	12 30 30	12 26 20			12 32 35			24 01 05			24 25 15	27 29 05	27 33 15
15 31 15	15 30 35	15 27 35			15 29 30			27 35 10				33 21 10	33 35 10
18 31 12		18 27 20			20 29 35			30 30 05				39 18 20	39 35 10
21 30 15					27 27 50			39 28 15					
					33 27 55								
					36 27 —								

Upper Winds on 11th (الرياح العليا 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 7h.	Mariut 7h.	Port Saîd 7h.	Helwân	Minya	Asyût	Luxor 7h.	Aswân	Wâdi Halfa	Abu Hamad 7h.	Kareima 7h. 16m.	Khartûm 7h. 45m.
03 31 20	03 31 20	03 35 15				03 36 20			09 04 45	09 05 45	09 04 50
06 31 20	06 32 20	06 35 10				06 01 30			15 03 25	16 03 35	15 02 35
09 32 35	09 32 30	09 33 10				09 01 30			21 34 30	21 36 25	21 27 18
12 31 35	12 32 20	15 32 30				15 36 35			27 32 35	24 36 30	24 27 20
15 30 20	15 32 20	21 31 40				21 33 30			33 28 30	30 34 20	30 26 25
	18 32 25					30 32 35			39 27 30	39 27 20	39 27 35
						42 29 —					
						48 30 —					

Kassala 6h. 30m.	Port Sûdân 7h. 15m.	El Obeid 7h. 15m.	El Fâsher 7h.	Geneina	Malakal 7h.
09 05 10	06 01 35	09 03 60	09 01 10		09 03 60
15 04 40		15 03 50	15 05 40		15 03 60
21 03 40			21 08 30		21 03 60
27 02 40			27 07 15		27 03 60
33 34 25			33 07 15		33 03 50
39 30 50			39 27 18		39 03 45

Cirrus [illegible] on 11th
34710 01972 30302 23080 20105 00040
34950 01962 26112 22080 70306 00070

Upper air [illegible] at 23 [illegible] on 10th

Height	PPP	TT	UU
Surface	1014	53	51
500	995	57	50
1000	978	45	49
1500	960	52	48
2000	943	50	48
4000	876	42	38
6000	813	32	32
8000	763	37	28
10000	697	28	23
12000	645	20	17
14000	596	11	9
16000	550	4	3

Times are [illegible] standard time [illegible] and are [illegible] hours east of Greenwich mean time.

Mean of day

Station	Humidity % 10th	Diff. from normal	Wet bulb °C 10th	Diff. from normal
Alexandria	63	-3	12.8	+1.0
Ezbekiya	73	+4	12.2	+2.0
Giza	77	+3	12.4	+2.4
Helwan	76	+18	11.7	+2.3

[illegible] 11th 6.6°
[illegible] 11th 15.3°

Gauges

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous Day Reading m.	Previous Day Diff. from normal m.
Juba	11-1	12.74	-0.86	12.74	-0.87
Nasser		7.63	+0.88	7.84	+1.02
Malakal		11.94	+0.58	11.98	+0.56
J. Aulia Res.				377.16	—
J. Aulia D.S.				372.12	+0.09
Roseires		12.74	+0.74	12.76	+0.75
Sennar Res.		20.71	—	20.71	—
Khartoum		11.08	-0.07	11.10	-0.07
Kh. el Girba					
Atbara		10.89	+0.18	10.90	+0.18
[illegible]		133.88	-0.10	133.90	-0.08
[illegible]		121.03	—	121.02	—
[illegible]		88.91	-0.28	88.99	-0.20
Roda (Cairo)		15.26	+0.44	15.24	+0.42

Discharges at Aswan measured by sluices [illegible]

	11-1	1331	810
	10-1	1331	810

Printed by the Survey of Egypt [illegible]

ANNUAL SUBSCRIPTION P.T. 150

CAIRO

Time of Sunrise h. 6 m. 52
Sunset h. 17 m. 14

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

DAILY WEATHER REPORT

Month JANUARY, 1946 — شهر يناير ١٩٤٦

At 14h. on FRIDAY 11th — الساعة ١٤ يوم ١١ الجمعة

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 8-14 hp mms	STATION NUMBER
	ww	v	dd	f	w	N	C	ppp	TTT	UU		
SALÛM												130
MATRÛH	02	9	26	1	2	7	9	25.4	16.6	71	0	131
MARIUT	02	7	30	2	2	7	6	24	18	60	0	150
ALEXANDRIA	02	9	04	2	2	6	5	24.6	17.0	61	0	132
DAMIETTA	01	6	26	2	1	4	6	16.6	17.9	74	0	159
PORT SA'ID	01	8	30	2	1	4	6	23.9	17.2	65	0	134
EL 'ARÎSH	00	7	24	2	0	2	8	25.2	17.2	71	0	135
DAMANHÛR	02	6	26	3	2	6	8	23.6	17.2	68	0	136
MANSÛRA	02	7	32	2	2	5	9	23.9	16.0	59	0	137
TANTA	02	8	00	0	2	6	8	25.2	18.0	68	0	138
ZAGAZIG	02	6	20	2	2	5	9	24.4	21.6	66	0	139
SHEBÎN EL KÔM	02	4	16	3	1	5	9	25.5	16.0	56	0	—
CAIRO ALMAZA	02	8	30	1	2	6	6	23.7	17.9	45	0	141
CAIRO EZBEKÎYA	03	8	26	1	2	6	6	24.2	18.3	54	0	—
CAIRO GÎZA	02	6	26	1	2	7	6	23.9	17.4	59	0	—
HELWÂN	02	6	26	2	2	6	6	23.9	18.1	44	0	143
SUEZ	02	8	26	1	2	5	9	24.2	17.9	64	0	144
FAYÛM	02	8	30	2	2	7	6	24.3	17.6	57	0	153
MINYA	01	8	30	2	1	4	6	23.1	19.2	49	0	154
ASYÛT	01	8	32	1	1	4	6	23.5	19.5	45	0	155
NAG' HAMÂDI	00	8	26	1	0	0	—	21.6	20.1	43	0	164
QENA	00	6	22	2	0	0	—	21.8	20.0	—	0	156
LUXOR	00	7	30	2	0	0	—	22.0	21.0	41	0	157
ASWAN	00	9	32	3	0	0	—	20.7	21.5	30	0	158
SÎWA	00	8	28	1	0	0	—	26.6	17.5	61	0	148
BAHARÎYA												149
KHÂRGA	00	9	30	4	0	0	—	—	19.6	46	0	151
DAKHLA	00	8	28	3	0	0	—	22.6	19.1	55	0	152
TÛR	00	7	26	5	0	0	—	22.2	19.3	52	0	145
HURGHÂDA	01	8	02	5	1	4	9	21.6	18.1	40	0	146
QUSEIR	00	8	32	3	0	0	—	21.1	22.0	44	0	147
PORT SÛDÂN	01	8	32	5	1	4	8	17	26	62		208
WÂDI HALFA	00	8	02	3	0	0	—	20	22	27		165
KAREIMA	00	8	06	3	0	0	—	16	28	15		166
ATBARA	00	8	02	3	0	0	—	13	29	19		167
KHARTÛM	00	6	02	4	0	0	—	12	31	13		209
KASSALA	00	6	24	3	0	0	—	7	32	29		170
WAD MEDANI	00	8	02	5	0	0	—	10	32	17		171
RENK	00	9	30	3	0	0	—	—	35	22		182
ROSEIRES	00	8	28	3	0	0	—	7	37	17		172
EL OBEID	00	9	02	4	0	0	—	10	24	16		174
EL FÂSHER	00	8	06	3	0	0	—	—	28	14		175
GENEINA	00	8	04	4	0	0	—	—	29	12		179
KADUGLI	00	8	04	4	0	0	—	7	34	19		187
MALAKAL	00	7	32	4	0	0	—	6	36	22		176
WAU	00	8	08	2	0	0	—	7	36	22		177
JUBA	00	7	30	2	0	3	2,1	7	37	20		178

At 20h. on 11th — الساعة ٢٠ يوم ١١ الجمعة

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 14-20 hp mms	STATION NUMBER
	ww	v	dd	f	w	N	C	ppp	TTT	UU		
SALÛM												130
MATRÛH	02	9	28	2	2	7	9	26.2	16.4	73	0	131
MARIUT	01	7	29	1	2	4	6	25	16	59	0	150
ALEXANDRIA	02	9	00	0	2	5	6	26.2	16.0	57	0	132
DAMIETTA	02	7	20	2	2	7	8	25.4	17.5	64	0	159
PORT SA'ID	03	8	22	2	2	8	6	25.6	17.9	65	0	134
EL 'ARÎSH	02	7	20	1	1	7	4	25.0	16.6	73	0	135
DAMANHÛR	02	5	28	2	2	7	4	26.4	17.8	76	0	136
MANSÛRA	02	6	32	1	2	5	9	26.4	18.0	68	0	137
TANTA	03	7	00	0	2	8	7	27.4	18.2	68	0	138
ZAGAZIG	02	5	28	2	2	7	7	26.3	17.2	71	0	139
SHEBÎN EL KÔM	01	9	30	2	0	4	8	—	—	73	0	—
CAIRO ALMAZA	05	5	00	0	2	6	6	26.4	17.1	66	0	141
CAIRO EZBEKÎYA	05	5	00	0	1	7	4	26.4	17.1	72	0	—
CAIRO GÎZA	05	5	00	0	1	5	4	26.3	16.8	74	0	—
HELWÂN	05	5	00	0	2	7	6	26.6	16.9	73	0	143
SUEZ	01	9	30	1	1	4	8	26.2	17.4	73	0	144
FAYÛM	02	7	00	0	2	7	7	27.0	17.6	73	0	153
MINYA	00	8	32	1	0	0	—	26.4	16.4	68	0	154
ASYÛT	00	6	22	1	0	0	—	26.4	16.2	70	0	155
NAG' HAMÂDI	00	9	00	0	0	0	—	25.8	16.0	74	0	164
QENA	00	7	28	2	0	0	—	25.0	15.9	70	0	156
LUXOR	00	7	28	2	0	0	—	25.6	16.3	73	0	157
ASWAN	00	9	02	1	0	0	—	24.3	15.2	70	0	158
SÎWA	00	7	00	0	0	0	—	27.6	16.9	79	0	148
BAHARÎYA	00	9	00	0	0	0	—	26.8	16.5	82	0	149
KHÂRGA	00	9	00	0	0	0	—	25.6	16.0	79	0	151
DÂKHLA	00	7	24	2	0	0	—	26.7	16.2	75	0	152
TÛR	00	7	04	4	0	0	—	26.7	17.7	83	0	145
HURGHÂDA	01	8	30	3	1	4	9	25.6	17.4	86	0	146
QUSEIR	00	8	28	2	0	0	—	23.1	15.3	79	0	147
PORT SÛDÂN	00	8	30	3	0	0	—	19		65	0	208
WÂDI HALFA	00	8	04	2	0	0	—	23		55	0	165
KAREIMA	00	8	06	3	0	0	—	21		47	0	166
ATBARA	00	8	02	3	0	0	—	19		52	0	167
KHARTÛM	00	8	30	3	0	0	—	19		26	0	209
KASSALA	05	7	04	4	0	0	—	15		—	0	170
WAD MEDANI	00	8	02	4	0	0	—	17		28	0	171
RENK	00	9	02	3	0	0	—	12		69	—	182
ROSEIRES	00	8	28	1	0	0	—	14		73	0	172
EL OBEID	00	9	30	4	0	0	—	18		22	0	174
EL FÂSHER	00	8	02	2	0	0	—	11		44	0	175
GENEINA	00	8	04	4	0	0	—	15		25	—	179
KADUGLI	00	8	04	4	0	0	—	23		20	—	187
MALAKAL	00	8	02	5	0	3	4	13		32	0	176
WAU	00	8	32	2	0	0	—	13		41	0	177
JUBA	05	7	00	0	0	3	8,4	13		27	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 11th — الرياح العليا يوم ١١

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	KAREIMA	KHARTÛM	EL OBEID	MALAKAL	JUBA
13 h. m.	13 h. m.	12 h. 30 m.	h. m.	12 h. 45 m.	13 h. m.	h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
	03 27 45	03 32 25		03 01 10	03 01 15		09 01 20	09 03 35	09 03 30	09 07 20	09 03 25
	06 29 40	06 03 05		06 01 15	06 36 20		15 03 35	15 01 25	15 03 30	15 07 35	15 03 20
	09 30 40	09 35 05		09 01 20	09 33 55		21 35 15	21 34 20	21 36 25	21 07 25	21 03 20
	15 26 20	12 34 15		15 34 20	15 32 30		27 31 40	24 33 25	24 36 20	27 06 15	27 02 10
		15 32 15		21 32 25	27 31 35		33 29 30	30 32 20			33 01 15
		21 31 30		27 32 15	30 30 50		39 29 30	39 30 30			39 35 15
		24 34 40			36 29 55		51 27 55				

Upper Winds are in the Code HHDDVV where HH is Height 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

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	KHARTÛM
7 h. m.	h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
09 03 35		09 04 10	09 36 05		09 03 20
15 06 15		15 06 40	15 03 15		15 03 40
21 10 15		21 35 10	21 08 30		21 03 50
27 03 40		27 31 15	27 08 40		27 04 55
33 05 30		33 29 20			33 05 40
39 12 20					39 16 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
	12 - 1	1331	832
	11 - 1	1331	810

STATION	Mean of day HUMIDITY % on 11th	Mean of day HUMIDITY % Diff from normal	Mean of day WET BULB TEMP °C on 11th	Mean of day WET BULB TEMP °C Diff from normal
Alexandria	56	-10	12.3	+0.5
Ezbekiya	72	+3	12.5	+2.3
Giza	74	+1	12.3	+2.4
Helwân	72	+14	11.6	+2.2

GÎZA — GRASS MINIMUM TEMP. ON 12th 8.9° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 12th 15.6° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.74	-0.86
Nâsser				7.43	+0.88
Malakâl	31	11.88	+0.52	11.94	+0.55
J. Aulia Res.					
J. Aulia D.S					
Roseires	31	12.92	+0.73	12.94	+0.74
Sennar Res.	12			20.71	—
Khartûm	1	11.00	-0.09	11.08	-0.07
Kh. el Girba					
'Atbara		10.88	+0.18	10.89	+0.18
Kajnarti		133.84	-0.09	133.86	-0.10
Aswân Res.		121.00	—	121.03	—
Aswân D.S		86.90	-0.29	85.91	-0.28
Roda (Cairo)		75.26	+0.03	75.26	+0.04

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

At 8h. on SATURDAY 12th — الساعة ٨ يوم ١٢ السبت

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESSURE M.S.L. 1000+ mbs.	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C	TEMPERATURE MAXIMUM Yesterday °C	TEMPERATURE MAXIMUM Diff. from norm. °C	TEMPERATURE MINIMUM Today °C	TEMPERATURE MINIMUM Diff. from norm. °C	% HUMIDITY	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm From Oct 1 mms
	ww	v	dd	f	w	N	C	ppp		TTT	MM		mm		UU			
SALÛM												—		—				50
MATRÛH	02	9	24	1	5	6	8	26.6	+8.0	11.3	18	0	10	+1	84	Rain	44	89
MARIUT	01	7	29	1	2	5	6	25		15	18	—	14	—	59	0	122	84
ALEXANDRIA	02	9	00	0	2	5	5	25.5	+6.6	16.2	20	+1	15	+5	46	0	97	117
DAMIETTA	02	7	20	2	2	7	8	25.4	+7.5	14.4	19	—	10	—	72	0	33	51
PORT SA'ID	03	8	22	2	2	8	6	25.6	+7.9	15.2	20	+1	13	+2	69	0	32	39
EL 'ARÎSH	02	7	20	1	1	7	4	25.0	+6.4	13.1	18	-1	10	+3	75	0	46	40
DAMANHÛR	02	5	28	2	2	7	4	26.4	+7.8	14.0	20	0	12	+4	76	0	32	46
MANSÛRA	02	6	32	1	2	5	9	26.4	+8.0	13.2	20	0	11	+4	60	0	12	21
TANTA	03	7	00	0	2	8	7	27.4	+8.2	12.8	18	-2	9	+3	80	0	37	17
ZAGAZIG	02	5	28	2	2	7	7	26.3	+7.2	11.9	22	+2	10	+3	85	0	3	12
SHEBÎN EL KÔM	01	9	30	2	0	4	8	—	—	13.1	21	—	12	—	75	0	8	—
CAIRO ALMAZA	05	5	00	0	2	6	6	26.4	+7.1	12.9	19	—	12	—	80	0	2	—
CAIRO EZBEKÎYA	05	5	00	0	1	7	4	26.4	+7.1	13.2	19	-1	12	+4	78	0	2	11
CAIRO GÎZA	05	5	00	0	1	5	4	26.3	+6.8	14.2	19	0	11	+5	76	0	13	12
HELWÂN	05	5	00	0	2	7	6	26.6	+6.9	13.3	18	0	12	+4	68	0	2	11
SUEZ	01	9	30	1	1	4	8	26.2	+7.4	12.3	21	+1	10	0	75	0	—	9
FAYÛM	02	7	00	0	2	7	7	27.0	+7.6	13.1	18	-3	11	+5	73	0	2	3
MINYA	00	8	32	1	0	0	—	26.4	+6.4	12.7	20	0	4	-2	68	0	04	—
ASYÛT	00	6	22	1	0	0	—	26.4	+6.2	10.6	20	0	6	0	70	0	0	3
NAG' HAMÂDI	00	9	00	0	0	0	—	25.8	+6.0	10.5	21	—	7	—	74	0	0	—
QENA	00	7	28	2	0	0	—	25.0	+5.9	10.0	22	-1	6	-1	—	3	0	—
LUXOR	00	7	28	2	0	0	—	25.6	+6.3	13.7	23	0	5	+1	49	0	0	—
ASWAN	00	9	02	1	0	0	—	24.3	+5.2	11.5	22	-1	8	-2	60	0	0	—
SÎWA	00	7	00	0	0	0	—	27.6	+6.9	8.5	19	0	3	-1	79	0	1	5
BAHARÎYA	00	9	00	0	0	0	—	26.8	+6.5	9.0	19	-1	4	-1	82	0	0	4
KHÂRGA	00	9	00	0	0	0	—	25.6	+6.0	10.1	20	-2	7	+1	69	0	0	—
DÂKHLA	00	7	24	2	0	0	—	26.7	+6.2	11.0	19	-3	7	+2	75	0	0	—
TÛR	00	7	04	4	0	0	—	26.7	+8.7	16.2	19	-2	12	+3	33	0	0	8
HURGHÂDA	01	8	30	3	1	4	9	25.6	+7.4	16.0	20	-2	12	+2	56	0	0	3
QUSEIR	00	8	28	2	0	0	—	23.1	+5.3	17.3	23	0	15	+1	39	0	11	4
PORT SÛDÂN	00	8	30	3	0	0	—	19		21					65	0	17	86
WÂDI HALFA	00	8	04	2	0	0	—	23		12					55	0	11	—
KAREIMA	00	8	06	3	0	0	—	21		13					47	0	7	1
ATBARA	00	8	02	3	0	0	—	19		16					52	0	2	2
KHARTÛM	00	8	30	3	0	0	—	19		17					26	0	3	4
KASSALA	05	7	04	4	0	0	—	15		22					—	0	31	8
WAD MEDANI	00	8	02	4	0	0	—	17		19					28	0	13	12
RENK	00	9	02	3	0	0	—	12		22		—		—	69	—	—	49
ROSEIRES	00	8	28	1	0	0	—	14		18					73	0	80	36
EL OBEID	00	9	30	4	0	0	—	18		17					22	0	44	16
EL FÂSHER	00	8	02	2	0	0	—	11		11					44	0	2	6
GENEINA	00	8	04	4	0	0	—	15		15		—		—	25	—	—	4
KADUGLI	00	8	04	4	0	0	—	—		23		—		—	20	—	—	89
MALAKÂL	00	8	02	5	0	3	4	13		24					32	0	170	88
WÂU	00	8	32	2	0	0	—	13		23					41	0	113	149
JUBA	05	7	00	0	0	3	8,4	13		27					45	0	188	144

Upper Winds are in the Code HHDDVV where HH is Height above 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
7 h. m.	7 h. m.	7 h. m.	9 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	h. m.	7 h. m.	7 h. m.
03 28 20	03 33 15	03 31 20	02 29 10	03 01 20	03 35 10	03 03 10	02 01 20			09 05 40	15 02 40
06 28 10	06 32 15	06 32 25	05 35 10	06 01 30	05 01 35	06 02 20	05 03 25			15 04 20	21 32 15
09 28 05	09 32 05	09 33 20	09 01 10	09 01 30	10 01 35	09 02 20	10 05 25			21 03 25	24 29 10
12 26 05	15 29 15	12 31 10	10 01 10	15 02 25	15 01 30	15 35 20	15 29 10			24 01 10	30 25 35
	21 01 20	15 32 10	15 03 20	21 34 30	20 31 35	21 34 15				30 34 15	39 26 20
	24 03 20		20 03 25	24 35 20	25 33 20	27 33 20				39 26 30	
	30 06 30		25 03 20	30 34 20	30 35 20	33 30 30					
			30 03 25								
			33 01 20								

UPPER AIR TEMP. ALMÂZA AT 23 G.M.T ON 11th

HEIGHT FEET	P.P.P m.b.	T.T °c	t.t °F
Surface	1016	56	53
500	998	56	51
1000	980	55	50
1500	962	51	48
2000	945	50	46
4000	878	40	37
6000	814	31	29
8000	755	40	29
10000	699	31	26
12000	646	25	21
14000	597	16	14
16000	551	6	6

CYPRUS SYNOPTIC 8h. ON 12th

34710 00971 30301 24090 40408 00050
34920 01962 32113 24080 61408 00070

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	19-28	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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	44
Drizzle	50-59
Rain	60-69
Rain and Fog	62
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	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. 06 52
Sunset h. m. 17 15

Month JANUARY 1946 — ١٩٤٦ شهر يناير

At 14h. on 12th (الساعة ١٤ يوم ١٢) and At 20h. on 12th (الساعة ٢٠ يوم 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																							
Salum																							130
Matruh	01	9	32	1	1	4	8	25.9	17.2	66	0	00	—	00	0	1	3	8	26.0	15.4	75	0	131
Mariut	02	7	28	2	2	5	6,4	25	19	70	0	00	7	30	1	2	0	—	25	15	59	0	150
Alexandria	02	9	30	2	2	5	8	25.8	19.0	46	0	01	6	00	0	2	4	8	25.9	15.4	57	0	132
Damietta	01	8	28	3	1	4	8	24.4	17.0	63	0	02	6	12	1	1	5	8	25.1	12.0	89	0	159
Port Said	02	8	28	2	2	5	6	24.6	18.2	50	0	01	8	22	2	1	3	6	25.5	14.2	78	0	134
El Arish	02	7	20	3	1	7	6	24.8	17.2	67	0	02	7	00	0	2	7	6	—	13.6	94	0	135
Lower Egypt																							
Damanhur	01	6	28	2	1	4	8	25.2	18.2	48	0	01	5	28	2	1	3	8	25.5	12.8	77	0	136
Mansura	01	8	32	1	1	4	8	25.2	18.8	49	0	00	6	02	1	1	0	—	25.9	12.5	81	0	137
Tanta	02	7	00	0	2	5	7	25.5	20.0	64	0	02	7	00	0	2	5	7	26.0	13.4	89	0	138
Zagazig	02	5	30	2	2	5	8	26.3	18.4	57	0	00	6	26	2	0	0	—	26.6	12.4	86	0	139
Shebin el Kom	01	9	30	3	1	5	9	24.7	19.1	46	0	01	9	02	2	1	4	8	24.7	15.4	64	0	—
Middle Egypt																							
Cairo Almaza	01	8	02	3	1	5	6	24.3	18.1	34	0	00	7	06	1	1	0	—	26	14	55	0	141
Cairo Ezbekiya	02	8	32	3	1	6	8	25.2	18.2	41	0	00	7	00	0	0	1	4	26.3	14.8	64	0	—
Cairo Giza	02	8	32	2	1	5	8	25.0	17.6	45	0	00	7	32	1	1	1	4	25.8	10.4	85	0	—
Helwan	01	8	32	3	1	3	8	24.8	17.4	39	0	00	7	32	2	0	0	—	25.8	13.2	53	0	143
Suez	02	8	30	2	2	6	9	25.0	17.7	44	0	00	8	00	0	0	0	—	25.4	14.1	55	0	144
Upper Egypt																							
Faiyum	01	8	30	2	1	3	6	24.6	18.5	41	0	01	8	32	1	1	4	6	25.9	13.8	57	0	153
Minya	00	9	32	2	1	0	—	23.9	19.2	47	0	00	8	32	1	0	0	—	24.4	13.2	68	0	154
Asyut	00	8	30	2	0	0	—	23.6	18.1	40	0	00	6	22	1	0	0	—	24.2	11.1	72	0	155
Nag Hamadi	00	8	24	1	0	0	—	21.4	21.2	33	0												164
Qena	00	8	24	1	0	0	—	21.6	19.0	—	0	00	6	24	2	0	0	—	22.3	13.0	—	0	156
Luxor	00	7	30	2	0	0	—	21.9	22.0	39	0	00	6	28	2	0	0	—	22.8	13.8	49	0	157
Aswan	00	9	32	2	0	0	—	19.5	22.0	29	0	00	9	32	2	0	0	—	—	17.0	—	0	158
Western Desert																							
Siwa	02	8	00	0	1	6	4	26.3	18.5	54	0	00	—	00	0	0	0	—	25.6	12.0	65	0	148
Bahariya	00	9	00	0	0	0	—	25.8	18.0	44	0												149
Kharga	00	9	32	4	0	0	—	21.8	19.2	51	0	00	—	32	2	0	0	—	23.8	14.8	53	0	151
Dakhla	00	8	32	4	0	0	—	23.8	18.2	50	0	00	6	28	2	0	0	—	24.7	10.9	60	0	152
Red Sea																							
Tor	00	7	28	3	0	0	—	22.2	20.2	27	0	00	7	28	3	0	0	—	22.8	14.2	57	0	145
Hurghada												00	9	28	2	0	0	—	—	17.5	48	0	146
Quseir	00	8	32	3	0	0	—	21.5	22.0	49	0	00	8	04	1	0	0	—	22.2	17.8	61	0	147
Port Sudan	00	7	02	5	0	2	8	16	26	58	0												[illegible]
North Sudan																							
Wadi Halfa	00	8	02	3	0	0	—	19	21	28	0												165
Kareima	00	8	04	3	0	0	—	16	26	21	0												166
Atbara	00	8	32	4	0	0	—	13	28	22	0												167
Khartum	00	8	03	3	0	0	—	13	28	19	0												169
Kassala	00	8	04	3	0	0	—	8	31	35	0												170
Central Sudan																							
Wad Medani	00	8	32	3	0	0	—	10	31	21	0												171
Renk	00	9	28	3	0	0	—	6	31	29	0												182
Roseires	00	8	28	3	0	0	—	8	33	26	0												172
El Obeid	00	8	02	4	0	0	—	11	28	23	0												174
El Fasher	00	8	04	3	0	0	—	—	26	23	0												175
Geneina																							179
Kadugli	00	8	04	4	0	0	—	9	3[illegible]	18	0												187
S. Sudan																							
Malakal	01	7	02	4	1	4	4	8	32	21	0												176
Wau	00	8	32	3	0	0	—	8	34	12	0												177
Juba	01	8	18	1	0	4	2	7	36	25	0												178

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.	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												—		—				50
Matrûh	02	9	20	1	0	5	9	25.0	+6.4	11.4	18	0	10	+1	81	0	64	91
Mariut	02	7	12	1	2	7	6	24	—	14	20	—	10	—	77	0	122	85
Alexandria	02	8	00	0	2	7	5	24.8	+6.0	15.4	20	+1	14	+4	64	0	97	118
Damietta	03	7	14	1	2	8	6	24.7	+6.8	13.5	19	—	10	—	87	0	33	52
Port Sa'îd	03	7	18	1	2	8	6	24.7	+7.1	13.2	20	+1	11	0	90	0	32	40
El 'Arîsh	02	7	16	1	1	6	4	23.9	+5.4	12.5	18	-1	10	+3	87	0	46	41
Lower Egypt																		
Damanhûr	02	5	08	2	2	6	4	24.6	+6.0	13.0	20	0	9	+1	75	0	32	47
Mansûra	03	4	04	1	2	8	9	24.7	+6.3	12.8	20	0	10	+3	86	0	12	21
Tanta	02	7	00	0	2	6	7	25.2	+6.0	12.2	20	0	8	+2	95	0	37	17
Zagazig	00	6	02	2	0	0	—	25.0	+5.9	8.2	22	+2	7	0	96	0	8	12
Shebîn el Kôm	01	9	08	2	0	4	8	24.9	+5.8	12.1	21	—	9	—	78	0	8	—
Middle Egypt																		
Cairo Almaza	00	7	10	1	0	3	1	24.6	+5.3	10.3	19	—	8	—	72	0	2	—
Cairo Ezbekîya	08	4	04	2	4	3	1	24.7	+5.4	10.1	20	0	7	-1	75	0	2	11
Cairo Gîza	09	5	04	2	4	1	1	24.7	+5.2	8.7	19	0	4	-2	88	0	13	12
Helwân	00	7	04	4	0	3	1	24.6	+5.0	11.1	18	0	8	0	74	0	2	11
Suez	00	9	30	1	0	0	—	24.7	+5.9	11.8	19	-1	7	-3	78	0	—	9
Upper Egypt																		
Faiyûm	09	6	32	2	1	4	6	24.0	+4.6	8.0	19	-2	6	0	83	0	8	3
Minya	00	8	30	1	0	0	—	23.0	+3.0	9.7	19	-1	5	-1	73	0	tr	—
Asyût	00	6	22	1	0	0	—	23.2	+3.0	8.0	20	0	4	-2	76	0	0	3
Nag' Hamâdi	00	8	00	0	0	0	—	22.7	+3.0	10.5	22	—	4	—	68	0	0	—
Qena	00	7	32	1	0	0	—	22.6	+3.5	9.0	21	-2	5	-2	—	0	0	—
Luxor	00	7	28	2	0	0	—	22.8	+3.6	8.2	23	—	4	—	57	0	0	—
Aswân	00	9	02	1	0	0	—	21.8	+2.7	11.0	22	-1	7	-3	63	0	0	—
Western Desert																		
Sîwa	03	7	00	0	2	8	4	25.5	+4.8	6.0	20	+1	4	0	78	0	1	5
Baharîya	03	9	00	0	2	8	—	22.3	+2.0	10.0	20	0	6	+1	74	0	0	4
Khârga	00	9	30	1	0	0	—	22.4	+2.8	9.1	20	-2	6	0	76	0	0	—
Dâkhla	00	7	28	1	0	0	—	23.8	+3.3	7.9	19	-2	5	0	79	0	0	—
Red Sea																		
Tôr	00	7	04	3	0	0	—	22.6	+4.6	11.2	22	+1	7	-2	52	0	0	8
Hurghâda	01	8	30	3	1	4	9	—	—	16.0	21	-1	11	+1	45	0	0	3
Quseir	00	8	28	1	0	0	—	20.8	+3.0	18.2	23	0	15	+1	58	0	11	4
Port Sûdân	02	8	28	3	1	6	6	18		21					61	0	17	86
North Sûdân																		
Wâdi Halfa	00	8	04	1	0	0	—	21		10					82	0	tr	—
Kareima	00	8	06	2	0	0	—	17		14					39	0	7	1
'Atbara	00	8	02	2	0	0	—	17		15					59	0	2	2
Khartûm	00	8	02	3	0	0	—	16		17					30	0	3	4
Kassala	00	8	00	0	0	0	—	13		20					64	0	31	8
Central Sûdân																		
Wad Medani	00	8	04	3	0	0	—	14		18					64	0	13	12
Renk	00	4	28	3	0	0	—	12		20		—		—	43	—	—	49
Roseires	00	8	30	2	0	0	—	12		18					46	0	30	36
El Obeid	00	9	32	3	0	0	—	15		16					34	0	44	16
El Fâsher	00	8	32	3	0	0	—	—	—	8					54	0	2	6
Geneina								—	—			—		—		—	—	4
Kadugli	00	8	04	4	0	0	—	13		21		—		—	26	—	—	89
S. Sûdân																		
Malakâl	00	8	02	4	0	0	—	12		23					29	0	170	88
Wâu	00	8	02	2	0	0	—	12		21					44	0	113	144
Juba	05	7	02	1	0	0	—	12		27					40	0	188	144

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 12h.	Mariut	Port Saîd	Almâza 12h.	Minya 13h.	Luxor 12h. 45m.	Hurghâda	[illegible] 13h.	Kareima 12h. 45m.	Khartûm 12h.	Kassala 13h.	El Obeid 12h. 45m.	Malakal 13h.	Juba 13h. 30m.
03 30 15			03 33 10	03 02 20	03 35 15		09 01 10	09 02 20	09 01 20	09 03 25	09 04 35	09 03 25	09 04 05
06 28 15			06 34 10	06 01 15	06 36 10		15 02 15	15 03 20	15 01 20	15 01 05	15 01 20	12 03 30	15 10 05
09 27 10			09 36 15	09 01 10	09 36 10		21 01 10	21 05 15	21 33 20	21 27 55	21 28 20	15 02 30	21 11 05
15 33 10			12 01 05	15 02 20	15 32 15		29 35 10	24 05 15	24 32 25	27 27 40	27 26 15	18 03 30	27 18 05
18 08 15			15 01 15	21 04 25	21 34 15			27 02 10	30 26 25	33 24 40	33 21 30		33 12 10
			18 02 15	30 35 05	30 32 15			30 02 10	33 24 20	39 23 25	39 24 15		39 18 10
				42 30 30	42 29 30			39 29 20		45 23 10			
					48 29 —					51 24 05			
					54 29 —								

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.

[illegible] 7h.	Mariut 7h.	Port Saîd 7h. 30m.	Helwân 8h. 45m.	Minya 7h. 30m.	Asyût 7h.	Luxor 7h.	Aswân 7h.	Wâdi Halfa	Abu Hamad 7h. 15m.	Kareima 7h. 15m.	Khartûm 7h.
03 31 10	03 04 05	03 17 15	02 03 15	03 03 30	03 02 05	03 03 15	03 01 10		09 06 40	09 06 40	09 05 50
06 35 05	06 21 15	06 12 05	05 05 40	06 04 35	05 09 10	06 06 20	05 06 35		15 05 25	15 05 20	15 05 30
09 05 25	09 04 05	09 06 10	08 06 45	09 04 35	10 06 10	09 08 15	10 04 25		21 03 15	21 07 15	21 33 30
15 01 05			10 07 35	12 05 25	15 05 35	15 09 20	15 06 05		27 04 15	24 13 05	24 31 30
			15 10 30	15 10 15	20 03 35	21 10 10	20 08 10		33 32 05	27 16 05	30 28 35
			20 13 20	18 13 15	25 03 30	24 09 10	25 01 20		39 24 15	30 15 05	33 27 30
			22 15 15	21 11 20		27 11 10				39 27 10	
			25 16 25			30 09 05					
			30 13 26			33 36 10					

Kassala 7h.	Port Sûdân 7h. 45m.	El Obeid 7h. 30m.	El Fâsher	[illegible] 7h. 45m.	Malakal 7h.
09 11 15	09 06 32	09 05 15		09 03 30	09 03 45
15 10 15		15 09 30		15 07 40	15 08 50
21 01 20		21 0[illegible] —		21 08 30	21 02 35
27 33 30		27 01 20		27 09 35	27 02 24
33 23 15		33 01 15		33 09 30	
				39 09 30	

Upper Air Temp. Almâza at 23h G.M.T. on 12th

Height Feet	P.P.P m.b.	TT °F	t °F
Surface	1016.2	61	46
500	997.9	57	49
1000	979.8	55	48
1500	962.2	53	46
2000	944.7	50	45
4000	877.5	40	37
6000	814.2	41	32
8000	754.7	41	30
10000	698.7	33	27
12000	646.2	27	23
14000	596.9	18	15
15000	580.7	12	10

Remarks

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

Mean of day

Station	Humidity % on 12th	Diff from normal	Wet Bulb Temp °C on 12th	Diff from normal
Alexandria	47	-19	11.6	-0.1
Ezbekiya	64	-4	11.5	+1.3
Giza	73	0	11.0	+1.1
Helwân	56	-2	10.1	+0.7

GÎZA — Grass minimum temp on 13th 3.6 °C

CAIRO — Water temp. River Nile at 8h. on 13th 16.6 °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	13-1	1331	822
	12-1	1331	822

Gauge

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13	—	—	12.74	-0.66
Nâsser		—	—	7.63	+0.75
Malakâl		11.80	+0.48	11.88	+0.52
J. Aulia Res.		—	—	377.04	—
J. Aulia D.S		—	—	372.08	+0.08
Roseires		12.89	+0.71	12.92	+0.73
Sennar Res.		—	—	20.68	—
Khartûm		11.02	-0.09	11.04	-0.09
Kh. el Girba					
'Atbara		10.87	+0.18	10.88	+0.18
Kajnarti		—	—	123.84	-0.09
Aswân Res.		121.02	—	121.04	—
Aswân D.S		85.90	-0.29	85.90	-0.29
Roda (Cairo)		—	—	15.26	+0.45

Cyprus Synoptic 8h. on 12th

34710 01971 30201 25090 70302
34950 0196. 32112 24080 70302

Present Weather 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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ANNUAL SUBSCRIPTION P.T. 150

CAIRO Time of Sunrise 06 h. 52 m. Sunset 17 h. 16 m.

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

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦

At 14h. on SUNDAY 13th — الساعة ١٤ يوم الأحد ١٣ ; At 20h. on 13th — الساعة ٢٠ يوم الأحد ١٣

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 h. mms	Station Number
MEDITERRANEAN	SALUM																							130
	MATRUH	02	9	00	0	2	5	8	23.4	17.0	57	0	02	—	00	0	2	7	8	22.8	14.6	70	0	131
	MARIUT	02	7	04	2	2	5	8	23	18	46	0	01	7	05	2	2	4	6	23	13°	67	0	150
	ALEXANDRIA	02	9	04	2	2	5	8	22.8	19.0	51	0	02	6	06	2	2	5	8	23.4	15.0	58	0	132
	DAMIETTA	01	8	06	3	2	4	6	22.6	17.8	65	0	01	7	08	1	1	5	6	22.4	15.0	72	0	159
	PORT SAID	00	8	04	2	0	3	6	22.8	18.8	56	0	02	8	06	2	2	5	6	22.8	15.6	69	0	134
	EL ARISH	00	7	04	1	0	0	—	23.2	19.1	61	0	00	7	00	0	0	0	—	—	12.7	72	0	135
LOWER EGYPT	DAMANHUR	01	7	32	3	2	4	8	22.3	18.8	52	0	01	6	32	2	1	4	8	22.6	13.2	78	0	136
	MANSURA	01	7	08	1	1	4	8	23.0	20.4	49	0	01	6	04	1	1	3	8	23.1	13.2	75	0	137
	TANTA	02	8	00	0	2	5	6	22.3	20.0	66	0	01	8	32	1	2	5	7	22.6	12.5	82	0	138
	ZAGAZIG	01	7	04	3	1	3	3	22.4	18.2	54	0	00	6	28	2	0	0	—	21.0	12.2	78	0	139
	SHEBIN EL KOM	01	8	08	4	1	4	8	21.9	19.4	51	0	00	8	02	2	1	0	—	22.8	14.1	77	0	—
MIDDLE EGYPT	CAIRO ALMAZA	01	8	06	4	0	3	4	21.3	18.8	41	0	00	7	04	1	0	0	—	22.5	13.8	52	0	141
	CAIRO EZBEKIYA	01	8	04	3	1	3	4	21.9	20.4	42	0	00	7	02	4	0	0	—	22.8	14.2	63	0	—
	CAIRO GIZA	01	8	04	3	1	3	4	21.9	19.3	42	0	00	7	04	3	0	0	—	22.7	13.4	71	0	—
	HELWAN	00	8	04	4	0	2	4	20.8	19.8	37	0	00	7	04	6	0	0	—	21.1	14.8	60	0	143
	SUEZ	00	9	02	1	0	0	—	21.8	19.3	38	0												144
UPPER EGYPT	FAIYUM	01	8	02	3	1	4	4	20.3	20.3	34	0	00	8	32	1	0	0	—	21.2	13.1	65	0	153
	MINYA	00	9	28	2	1	0	—	19.9	20.9	38	0	00	8	02	1	0	0	—	20.4	13.4	60	0	154
	ASYUT	00	7	30	1	0	0	—	20.4	17.7	54	0	00	6	22	1	0	0	—	20.6	12.0	71	0	155
	NAG HAMADI	00	8	32	1	0	0	—	19.2	21.0	35	0	00	8	00	0	0	0	—	19.6	13.9	66	0	164
	QENA	00	8	24	2	0	0	—	19.6	19.4	—	0	00	6	24	2	0	0	—	19.6	15.3	—	0	156
	LUXOR	00	7	30	2	0	0	—	18.7	22.0	50	0	00	6	28	2	0	0	—	19.8	13.7	59	0	157
	ASWAN	00	9	04	1	0	0	—	17.0	24.0	26	0	00	9	02	3	0	0	—	17.8	16.4	47	0	158
WESTERN DESERT	SIWA	01	8	00	0	1	4	2	22.6	19.5	55	0	03	5	00	0	2	8	5	22.2	12.0	76	0	148
	BAHARIYA	00	9	32	1	0	0	—	21.8	19.0	46	0												149
	KHARGA	00	9	32	1	0	0	—	19.7	19.0	39	0	00	—	30	2	0	0	—	19.8	14.6	37	0	151
	DAKHLA	00	8	32	3	0	0	—	20.6	18.4	51	0	00	6	28	1	0	0	—	21.6	10.8	88	0	152
RED SEA	TOR	00	7	28	3	0	0	—	21.6	19.9	47	0	00	7	28	3	0	0	—	—	14.2	57	0	145
	HURGHADA	00	9	02	2	0	0	—	21.6	17.0	47	0	00	9	26	1	0	0	—	18.6	16.1	59	0	146
	QUSEIR	00	8	32	3	0	0	—	19.2	22.0	59	0	00	8	04	1	0	0	—	17.5	17.4	47	0	147
	PORT SUDAN	00	8	32	3	1	2	8	15	27	62													169
NORTH SUDAN	WADI HALFA	00	8	32	1	0	0	—	17	22	25													165
	KAREIMA	00	8	04	2	0	0	—	13	26	27													166
	ATBARA	00	8	04	3	0	0	—	11	28	25													167
	KHARTUM	01	8	32	3	0	3	1	11	28	29													168
	KASSALA	00	8	06	2	0	0	—	7	35	25													170
CENTRAL SUDAN	WAD MEDANI	00	8	30	4	0	0	—	8	31	38													171
	RENK	00	9	30	3	0	0	—	—	32	26													182
	ROSEIRES	00	8	04	2	0	0	—	6	36	20													172
	EL OBEID	00	8	04	4	0	0	—	9	27	17													174
	EL FASHER																							175
	GENEINA	00	8	02	2	0	0	—	—	27	08													179
	KADUGLI	00	8	04	3	0	0	—	8	32	38													187
S. SUDAN	MALAKAL	00	8	02	4	0	0	—	6	34	16													176
	WAU	00	8	32	1	0	0	—	7	33	13													177
	JUBA	05	7	04	1	0	1	8	6	36	22													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.

MATRUH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	12 h. 30 m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h. 30 m.	13 h. 15 m.	13 h. m.	12 h. 30 m.	12 h. 45 m.	12 h. 45 m.	13 h. 15 m.
		03 09 10		03 01 10	03 33 05		09 03 25	09 05 20	09 03 20	09 05 15	09 05 15	09 03 15	09 09 10
		06 07 15		06 12 05	06 04 10		15 11 20	15 06 15	15 01 15	15 13 15	15 05 25	15 05 25	15 08 30
		09 04 15		09 11 15	09 09 20		21 08 10	21 05 15	21 28 30	20 34 20	21 27 20	21 04 35	21 09 29
		12 04 16		12 10 10	12 12 15		24 31 05	24 17 05	24 27 30	27 30 30	27 23 25	27 05 20	27 10 25
		15 15 16		15 13 15	15 10 10		33 27 10	27 17 05	30 23 30	33 29 35	33 20 25	33 07 15	33 08 20
		21 10 10		18 12 1[illegible]	18 13 25		39 25 15	30 17 05	39 24 15		39 18 25	39 12 25	39 10 25
		30 19 15		21 13 10	21 12 30								
		36 17 15			27 17 10								
					30 18 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	57	-9	12.2	+0.6
Ezbekiya	62	-6	10.9	+0.7
Giza	73	0	10.4	+0.5
Helwan	63	+5	10.8	+1.5

GIZA — GRASS MINIMUM TEMP ON 14th 3.7 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 14th 15.1 °C

Discharges at Aswan measured by sluices m³ per sec.	1946	1945
14-1	1331	822
13-1	1331	822

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14-1				
Nâsser				7.22	+0.63
Malakâl		11.70	+0.40	11.80	+0.48
J. Aulia Res.				377.06	—
J. Aulia D.S.				372.07	+0.09
Roseires		12.86	+0.70	12.89	+0.71
Sennar Res.				20.70	—
Khartûm				11.02	-0.09
Kh. el Girba					
Atbara				10.87	+0.18
Kajnarti					
Aswân Res.		121.05	—	121.02	—
Aswân D.S.		85.90	-0.29	85.90	-0.29
Roda (Cairo)				15.26	+0.47

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

At 8h. on MONDAY 14th — الساعة ٨ يوم الأثنين ١٤

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												—		—				51
	MATRÛH	02	9	00	0	2	7	9	21.6	+3.1	13.0	17	-1	10	+1	70	0	64	92
	MARIUT	03	7	00	0	2	8	2	20		11	19	—	11	—	82	0	122	87
	ALEXANDRIA	02	7	00	0	2	7	5	20.0	+1.2	14.6	21	+2	13	+3	92	0	97	120
	DAMIETTA	04	6	00	0	2	6	6	19.6	+1.7	13.6	19	—	11	—	85	0	33	53
	PORT SA'ÎD	08	8	18	1	2	8	6	19.6	+2.0	14.0	21	+2	13	+2	87	0	32	41
	EL 'ARÎSH	02	7	00	0	1	7	4	19.8	+1.3	8.3	22	+3	6	-1	99	0	46	41
LOWER EGYPT	DAMANHÛR	03	5	32	2	2	8	5	20.3	+1.7	12.3	19	-1	10	+2	83	0	32	48
	MANSÛRA	01	7	04	1	1	4	6	19.9	+1.6	12.2	22	+2	11	+4	99	0	12	22
	TANTA	02	8	32	1	2	5	8	19.9	+0.7	9.0	20	0	6	0	97	0	37	18
	ZAGAZIG	04	6	00	0	2	6	6	20.0	+0.9	8.2	20	0	7	0	96	0	3	12
	SHEBÎN EL KÔM	01	8	02	2	0	5	0	19.2	+0.2	9.0	21	—	7	—	89	0	8	—
MIDDLE EGYPT	CAIRO ALMAZA	09	6	00	0	0	6	1	20.0	+0.5	7.9	19	—	7	—	88	0	2	—
	CAIRO EZBEKÎYA	08	4	00	0	4	6	2	20.0	+0.7	8.5	21	+1	7	-1	94	0	2	11
	CAIRO GÎZA	08	4	30	1	4	8	5	19.6	+0.1	7.3	20	+1	5	0	98	0	13	12
	HELWÂN	47	2	00	0	4	8	5	19.4	-0.2	8.1	20	+2	7	-1	85	0	2	12
	SUEZ																	—	9
UPPER EGYPT	FAIYÛM	09	6	00	0	2	7	5	19.4	0.0	8.5	21	0	7	+1	84	0	8	3
	MINYA	08	4	00	0	4	8	2	19.1	-0.9	8.2	21	+1	3	-3	81	0	dr.	—
	ASYÛT	01	6	12	1	2	5	5	19.6	-0.6	8.5	20	0	6	0	60	0	0	3
	NAG HAMÂDI	02	8	00	0	2	6	1	19.6	-0.1	9.7	21	—	4	—	71	0	0	—
	QENA	01	6	32	1	0	4	3	19.5	+0.4	10.8	21	-2	6	-2	—	0	0	—
	LUXOR	00	7	28	2	0	0	—	19.6	+0.4	12.4	23	0	5	0	50	0	0	—
	ASWÂN	00	9	00	0	0	0	—	17.8	-1.2	13.0	24	+1	9	-1	66	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	21.1	+0.4	7.5	20	+1	3	-1	86	0	1	5
	BAHARÎYA	01	9	00	0	1	4	—	22.0	+1.7	11.0	20	0	7	+2	75	0	0	6
	KHÂRGA	01	9	00	0	1	5	3	19.8	+0.2	10.6	20	-2	5	-1	64	0	0	—
	DÂKHLA	00	7	00	0	0	0	—	20.6	+0.1	7.0	20	-1	5	0	78	0	0	—
RED SEA	TÔR	01	7	04	3	1	3	5	20.6	+2.6	12.8	20	-1	7	-2	49	0	0	8
	HURGHÂDA	01	8	26	1	1	4	1	19.0	+0.8	17.0	21	-1	10	0	52	0	0	3
	QUSEIR	00	8	28	2	0	0	—	18.0	+0.2	17.6	23	0	12	-2	51	0	11	4
	PORT SÛDÂN	02	9	32	3	6	6	6,4	16		23					78	tr.	17	87
NORTH SÛDÂN	WÂDI HALFA	00	8	00	0	0	0	—	18		10					54	0	tr.	—
	KAREIMA	00	9	32	2	0	2	1	17		13					38	0	7	1
	'ATBARA	00	8	02	2	0	0	—	14		17					64	0	2	2
	KHARTÛM	00	8	30	3	0	0	—	14		19					46	0	3	4
	KASSALA	00	8	00	0	0	2	1	13		19					73	0	31	8
CENTRAL SÛDÂN	WAD MEDANI	00	9	32	1	0	0	—	14		17					37	0	13	12
	RENK	00	9	30	3	0	0	—	11		20		—		—	43	—	—	49
	ROSEIRES	00	8	30	2	0	0	—	10		18					46	0	80	36
	EL OBEID	00	9	30	3	0	0	—	14		16					34	0	44	16
	EL FÂSHER	00	9	30	2	0	0	—	—	—	12					38	0	2	6
	GENEINA	00	8	02	3	0	0	—	—	—	11		—		—	41	0	—	4
	KADUGLI	01	8	24	2	1	4	1	13		21		—		—	26	—	—	89
S. SÛDÂN	MALAKÂL	00	8	02	3	0	1	4	12		22					38	0	170	88
	WÂU	01	8	04	1	0	3	1	12		20					38	0	113	144
	JUBA	02	8	28	1	0	7	2	12		24					50	0	188	144

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	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. 15 m.	7 h. 15 m.	h. m.	h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	h. m.
	03 07 17	02 06 20	02 07 05		02 23 05		02 01 10	09 07 25	09 06 50	09 06 20	
	06 08 20	06 07 20	05 01 05		05 07 05		05 09 20	15 13 05	15 33 10	15 11 05	
	09 08 20	09 10 05	08 31 03		10 17 20	09 11 10	10 01 25	21 17 10		21 21 05	
	12 05 20	12 10 16	10 20 20		15 18 10	12 15 15		27 19 15		24 29 15	
	15 03 15		15 19 15		20 21 15	15 13 20		30 25 35		30 27 30	
	18 17 20		20 20 25		25 23 20			39 25 40		33 27 25	
	21 19 15		23 20 35		30 22 30					39 25 20	
	24 26 10		25 20 35								
	27 22 40		30 20 25								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. 15 m.	7 h. m.	h. m.	h. m.	h. m.
09 10 15	09 07 25	09 04 15			
15 34 05	15 13 30	15 04 20			
21 02 20		21 02 30			
27 28 05		27 01 65			
33 28 10		33 33 20			
39 24 20		39 27 05			

CYPRUS SYNOPTIC 8h. ON 14th

34750 03868 04148 21121 00400 00090

UPPER AIR TEMP. ALMÂZA AT 00h. G.M.T. ON 14th

HEIGHT FEET	P.P.P. m.b.	TT °F	tt °F
Surface	1012	50	48
500	994	54	50
1000	976	52	49
1500	958	52	46
2000	941	51	45
4000	874	51	38
6000	811	46	30
8000	752	41	30
10000	696	35	27
12000	644	28	23
14000	595	[illegible]	17
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.

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

CAIRO
Time of Sunrise h. 06 m. 52
Sunset h. 17 m. 17

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JANUARY, 1946

شهر يناير ١٩٤٦

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

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	01	9	00	0	2	5	8	17.5	17.0	65	0	02	—	00	0	1	7	8	18.6	14.0	78	0	131
MARIUT	03	7	04	1	2	8	4,5	17	18	60	0	01	7	05	2	2	4	6	—	13	67	0	150
ALEXANDRIA	02	8	00	0	2	7	5	17.8	16.3	60	0	02	5	00	0	5	7	9	18.6	15.0	70	1	132
DAMIETTA	03	8	04	2	2	8	5	17.2	16.8	79	0	03	6	18	1	2	8	6	17.8	13.6	94	0	159
PORT SA'ÎD	01	8	20	2	1	5	6	17.2	18.2	71	0	03	8	26	2	2	8	0	18.0	15.3	83	0	134
EL 'ARÎSH	02	7	16	1	1	7	6	18.7	14.3	66	0	02	7	00	0	1	7	4	16.8	14.2	79	0	135
LOWER EGYPT																							
DAMANHÛR	03	6	04	2	2	8	5	17.5	16.2	71	0	03	5	32	2	5	8	5	17.8	13.8	90	dy.	136
MANSÛRA	03	6	02	1	2	8	9	17.2	17.5	66	0	03	4	32	2	2	8	9	18.2	14.8	81	0	137
TANTA	03	8	24	1	2	8	6	17.2	18.0	75	0	02	8	00	0	2	6	8	19.0	14.0	90	0	138
ZAGAZIG	13	5	04	1	2	8	6	17.4	17.2	79	0	00	6	30	2	0	0	—	19.5	13.1	80	0	139
SHEBÎN EL KÔM	02	8	02	3	2	6	0	17.2	16.9	73	0	02	4	02	2	4	5	0	18.6	14.0	82	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	05	5	30	1	2	6	4,5	16.8	16.0	57	0	05	6	10	1	2	6	4,5	17.9	14.0	88	0	141
CAIRO EZBEKÎYA	03	5	00	0	2	8	8	17.8	15.8	66	0	03	6	00	0	2	8	4	18.8	14.8	75	0	—
CAIRO GÎZA	03	8	00	0	2	8	8	17.6	15.0	73	0	02	8	00	0	2	5	4	19.0	12.3	91	0	—
HELWÂN	05	5	00	0	4	8	5	17.2	15.4	60	0	09	4	00	0	4	8	4	18.9	13.3	74	0	143
SUEZ	02	8	00	0	2	7	7	17.6	18.4	52	0	02	7	00	0	2	7	7	17.1	15.0	61	0	144
UPPER EGYPT																							
FAIYÛM												08	4	00	0	2	8	5	18.7	12.9	69	0	153
MINYA	03	8	20	1	3	8	2	16.2	19.0	43	0	21	8	26	1	5	8	7	18.9	13.7	58	dy.	154
ASYÛT	02	7	30	1	2	6	5	17.5	17.1	52	0	01	6	22	1	2	5	5	18.6	13.8	59	0	155
NAG' HAMÂDI	01	8	32	1	1	4	1	16.4	19.9	47	0	03	8	00	0	2	8	5	17.2	14.5	62	0	164
QENA	01	7	24	1	1	3	1	15.4	21.3	—	0	02	6	22	2	1	5	5	16.0	17.4	—	0	156
LUXOR	00	7	30	2	0	0	—	15.5	24.0	39	0	00	6	28	2	0	0	—	16.3	17.0	52	0	157
ASWÂN	00	9	24	1	0	0	—	14.2	26.0	30	0	00	9	00	0	0	0	—	14.8	19.0	45	0	158
WESTERN DESERT																							
SÎWA	00	7	28	1	0	0	—	19.9	17.5	54	0	00	5	00	0	0	0	—	19.5	11.5	64	0	148
BAHARÎYA	03	9	00	0	2	8	—	19.1	17.0	52	0	00	4	00	0	0	0	—	19.5	11.0	69	0	149
KHÂRGA	01	9	04	2	1	5	3	17.1	21.9	32	0	03	—	32	2	2	8	3	18.0	16.3	49	0	151
DÂKHLA	00	7	28	5	0	0	—	17.9	18.2	53	0	00	6	28	2	0	0	—	19.2	11.2	66	0	152
RED SEA																							
TÔR	01	7	28	3	1	3	5	16.7	20.2	37	0	00	7	28	3	0	1	5	17.4	16.5	51	0	145
HURGHÂDA	01	8	12	1	1	4	0	17.6	21.0	53	0	03	6	12	1	2	8	6	17.6	18.0	61	0	146
QUSEIR	01	8	02	3	1	4	1	15.8	24.2	56	0	00	8	30	1	0	0	—	14.7	20.0	66	0	147
PORT SÛDÂN	01	8	04	3	1	4	6	12	27	79													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	2	0	0	—	14	24	32													165
KAREIMA	00	8	04	1	0	2	1	12	27	28													166
'ATBARA	00	8	30	2	0	0	—	9	29	35													167
KHARTÛM	00	8	28	3	0	0	—	9	29	35													209
KASSALA	00	8	02	1	0	0	—	6	34	29													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	02	2	0	0	—	7	32	26													171
RENK	00	9	28	4	0	0	—	5	32	26													182
ROSEIRES	00	8	28	1	0	0	—	6	36	20													172
EL OBEID	00	9	32	3	0	0	—	8	29	14													174
EL FÂSHER	00	9	04	1	0	0	—	—	27	23													175
GENEINA	00	9	04	2	0	0	—	—	31	08													179
KADUGLI	00	8	14	3	0	0	—	7	33	14													187
S. SÛDÂN																							
MALAKÂL	00	8	04	3	0	3	1	6	34	19													176
WÂU																							177
JUBA	01	8	02	2	1	4	8	5	37	27													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 — ١٤

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	[illegible]	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	12h. 45m.	h. m.	13h. 15m.	13h. m.	h. m.	13h. 15m.	12h. 45m.	13h. m.	13h. m.	13h. 15m.	13h. m.	13h. 15m.
		02 03 05		03 28 05	03 27 05		09 14 05	09 34 10	09 09 05	09 03 10	09 02 20	09 06 20	09 07 20
		06 06 05		06 23 10	06 17 05		15 00 00		15 07 02	15 35 15	15 05 15	15 04 20	15 06 05
		09 15 05		09 19 15	09 16 15		21 23 15		21 00 00	21 35 20	21 12 05	21 06 20	21 03 05
				15 22 35	15 18 35		27 27 20		27 27 30	27 32 30	27 10 05	27 02 05	27 29 05
				21 20 20	21 19 20		33 24 35		33 29 25	33 27 30		33 05 05	
				30 20 55	27 23 30		39 24 50		39 30 30			39 06 05	
				33 20 60					45 29 15				
									51 23 20				
									60 24 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 14th	Diff from normal	Wet bulb temp °C on 14th	Diff from normal
Alexandria	57	-9	12.0	+0.4
Ezbekiya	78	+10	11.1	+0.9
Gîza	88	+15	10.4	+0.5
Helwân	76	+18	9.9	+0.6

GÎZA — GRASS MINIMUM TEMP ON 15th 5.5°C

CAIRO — WATER TEMP. RIVER NILE AT 9h ON 15th 15.1°C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	15-1	1331	857
	14-1	1331	822

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	15th			12.73	-0.67
Nasser				7.02	+0.48
Malakâl		11.68	+0.40	11.70	+0.40
J. Aulia Res.				377.13	—
J. Aulia D.S				372.02	+0.06
Roseires		12.83	+0.69	12.86	+0.70
Sennar Res.				20.69	—
Khartûm		11.02	-0.02	11.02	-0.06
Kh. el Girba					
'Atbara		10.81	+0.14	10.84	+0.16
Kajnarti				133.81	-0.08
Aswân Res.		121.04	—	121.05	—
Aswân D.S		85.90	-0.29	85.90	-0.39
Roda (Cairo)				15.26	+0.48

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	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												—		—				51
MATRÛH	01	9	20	1	2	4	8	19.9	+1.4	11.3	19	+1	9	0	74	0	64	94
MARIUT	01	7	19	2	0	5	4,8	19		13	19	—	10	—	77	0	122	88
ALEXANDRIA	02	8	24	2	2	5	8	19.4	+0.6	16.0	18	-1	14	+4	57	2	99	121
DAMIETTA	00	7	20	2	1	2	8	19.0	+1.1	11.7	18	—	10	—	93	0	33	54
PORT SA'ÎD	00	8	22	2	2	2	6	18.8	+1.2	15.3	20	+1	13	+2	85	0	32	41
EL 'ARÎSH	00	7	20	2	0	1	9	19.1	+0.7	15.6	18	-1	8	+1	81	0	46	42
LOWER EGYPT																		
DAMANHÛR	02	5	20	3	2	6	9	19.1	+0.5	10.3	17	-3	8	0	89	dy.	32	49
MANSÛRA	00	8	24	1	0	0	—	19.1	+0.8	10.5	19	-1	9	+2	88	0	12	22
TANTA	00	8	00	0	0	0	—	20.7	+1.5	10.5	19	-1	7	+1	94	0	37	18
ZAGAZIG	44	6	22	2	4	0	—	20.0	+0.9	8.8	18	-2	7	0	100	0	3	12
SHEBÎN EL KÔM	00	8	20	2	0	0	—	18.8	-0.2	8.9	17	—	8	—	98	0	8	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	5	19	1	0	3	5	19.8	+0.6	11.2	16	—	8	—	88	0	2	—
CAIRO EZBEKÎYA	47	3	14	3	4	9	—	20.7	+1.5	10.4	16	-4	9	+1	98	0	2	11
CAIRO GÎZA	47	2	12	2	4	9	—	20.6	+1.2	9.7	16	-3	7	+2	96	0	13	12
HELWÂN	49	3	00	0	4	5	5	20.4	+0.8	8.9	16	-2	8	0	93	0	2	12
SUEZ	01	9	02	1	1	5	8	19.9	+1.2	13.9	19	-1	10	+1	80	0	—	9
UPPER EGYPT																		
FAIYÛM	09	6	00	0	2	4	6	20.7	+1.3	11.0	18	-3	7	+1	83	0	8	3
MINYA	01	7	28	1	1	3	2	21.1	+1.1	9.6	19	-1	4	-2	88	dy.	dy.	—
ASYÛT	01	6	22	1	1	3	8	20.6	+0.4	9.1	18	-2	7	+1	86	0	0	3
NAG' HAMÂDI	00	8	24	1	0	0	—	19.6	-0.1	10.1	20	—	7	—	74	0	0	—
QENA	00	7	26	2	2	0	—	19.0	-0.1	12.4	22	-1	9	+2	—	0	0	—
LUXOR	00	7	28	2	0	0	—	19.2	0.0	14.0	26	+3	9	+4	47	0	0	—
ASWÂN	01	9	32	1	1	4	4	18.2	-0.8	14.0	26	+3	11	+1	47	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	21.1	+0.4	6.0	20	0	4	0	78	0	1	5
BAHARÎYA	00	9	00	0	0	0	—	—	—	10.4	18	-2	5	0	70	0	0	5
KHÂRGA	00	9	04	1	0	0	—	20.3	+0.7	10.4	23	+1	8	+2	81	0	0	—
DÂKHLA	00	7	24	2	0	0	—	20.8	+0.4	9.5	19	-2	6	+1	87	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	19.0	+1.0	18.1	21	0	12	+3	37	0	0	8
HURGHÂDA	00	9	30	5	0	0	—	19.0	+0.8	16.0	22	0	11	+1	45	0	0	3
QUSEIR	00	8	28	1	0	0	—	15.9	-1.9	20.4	25	+2	14	0	63	0	11	4
PORT SÛDÂN	81	8	28	2	8	7	9	13		24					89	tr.	17	87
NORTH SÛDÂN																		
WÂDI HALFA	01	8	04	2	1	4	4,2	18		12					47	0	tr.	—
KAREIMA	00	8	32	2	0	1	1	16		15					42	0	7	1
'ATBARA	00	8	30	2	0	2	1	14		19					46	0	2	2
KHARTÛM	00	8	30	3	0	2	1	14		19					40	0	3	4
KASSALA	00	8	00	0	0	1	1	12		22					61	0	31	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	3	0	0	—	13		20					35	0	13	12
RENK	00	9	32	3	0	0	—	12		22		—		—	—	—	—	49
ROSEIRES	00	8	22	2	0	0	—	11		19					56	0	80	36
EL OBEID	00	9	30	4	0	0	—	14		17					28	0	44	16
EL FÂSHER	00	9	02	1	0	0	—	—	—	13					38	0	2	6
GENEINA	00	8	04	2	0	2	1	—	—	12		—		—	36	—	—	4
KADUGLI												—		—		—	—	89
S. SÛDÂN																		
MALAKÂL	01	8	32	3	0	3	4	12		22					38	0	170	88
WÂU	05	6	00	0	1	7	4,5	12		20					60	0	113	144
JUBA	00	8	28	1	0	0	—	12		26					45	0	188	144

Upper Winds are in the Code HHDDVV where HH is Height 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'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7h. m.	7h. 15m.	9h. m.	h. m.	7h. m.	h. m.	7h. m.	7h. 30m.	7h. m.	7h. 15m.	6h. 30m.
	03 29 20	03 30 25	02 16 05		02 33 25		02 01 15	09 02 35	09 06 20	09 03 20	09 36 40
	06 29 25	06 28 25	05 32 15		05 35 35		05 35 35	15 11 10	15 03 10	15 35 10	15 06 15
	09 29 20	12 28 20	08 34 20		10 34 35		10 23 20	21 10 20	21 27 25	21 31 15	21 26 35
	12 30 25	15 30 10	10 35 25		15 30 15		15 02 02	27 12 15	27 27 20	24 29 15	24 26 35
	15 29 20	21 25 15	15 36 15		20 31 15		20 25 20	33 17 20	33 26 20	30 28 25	
	18 29 10		20 33 10		Ent. Cu.			39 19 25	39 26 —	39 28 25	
	21 22 10										
	24 27 05										

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	[illegible]	MALAKAL
7h. m.	7h. 15m.	7h. m.	7h. m.	7h. 30m.	7h. 15m.
09 21 15	03 06 10	09 02 50	09 01 20	09 05 35	09 03 55
15 23 20	06 08 15	15 10 10	15 04 20	15 08 35	15 04 40
21 23 15		21 30 20	21 07 25	21 08 30	27 03 45
27 31 30		27 23 25	27 12 05	27 09 30	33 04 20
33 23 15		33 22 25	33 16 05	33 10 30	39 05 30
39 23 15		39 19 30		39 10 20	

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

HEIGHT feet	PPP mb.	TT °F	°F
Surface	1010	52	50
500	992	51	49
1000	974	51	49
1500	956	50	47
2000	939	48	47
4000	872	41	38
6000	809	37	28
8000	750	35	28
10000	696	28	24
12000	642	19	16
14000	593	13	11
16000	547	8	5

CYPRUS SYNOPTIC 8h. ON 15th

34780 03878 28228 17120 80406 00110
34860 02800 16227 19110 80105 00120

ANNUAL SUBSCRIPTION PT 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 06 h. 52 m.
Sunset 17 h. 18 m.

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

DAILY WEATHER REPORT

Month JANUARY, 1946 — شهر يناير ١٩٤٦

At 14h. on TUESDAY 15th — الساعة ١٤ يوم الثلاثاء ١٥ / At 20h. on 15th — الساعة ٢٠ يوم الثلاثاء ١٥

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																							
SALUM																							130
MATRUH	01	9	30	1	1	4	8	19.4	17.2	61	0	00	—	00	0	1	0	—	21.0	12.4	79	0	131
MARIUT	01	7	32	2	8	4	6,8	19	18	52	tr.	00	7	00	0	0	0	—	20	11	88	tr.	150
ALEXANDRIA	00	9	28	1	2	1	8	19.5	18.2	52	0	01	6	04	2	2	3	8	21.8	15.0	58	0	132
DAMIETTA	02	8	26	3	1	5	6	18.3	17.2	66	0	00	8	28	1	1	2	5	19.9	14.0	78	0	159
PORT SAID	01	8	30	2	0	3	8	18.7	19.0	61	0	01	8	30	1	0	3	6	20.6	15.2	79	0	134
EL ARISH	02	7	28	3	1	7	4	17.0	18.2	64	0	00	7	16	1	0	0	—	—	13.9	69	0	135
Lower Egypt																							
DAMANHUR	02	6	28	3	2	5	8	19.4	16.8	68	0	01	5	22	2	1	3	8	18.7	12.2	82	0	136
MANSURA	01	7	02	1	1	4	8	18.6	18.5	55	0	01	6	32	1	1	3	8	21.0	14.0	76	0	137
TANTA	02	8	28	2	1	5	8	19.5	18.0	62	0	01	8	00	0	1	4	8	21.8	11.8	91	0	138
ZAGAZIG	02	7	22	3	1	6	8	18.3	19.6	56	0	00	6	29	2	0	0	—	21.0	12.2	78	0	139
SHEBIN EL KOM	01	9	30	3	1	5	9	18.3	18.8	60	0	00	8	02	2	0	0	—	20.3	12.6	85	0	—
Middle Egypt																							
ALMAZA (Cairo)	01	7	30	2	1	4	8	18.8	18.1	46	0	01	7	03	2	0	4	6	20.9	14.4	72	0	141
EZBEKIYA (Cairo)	02	8	28	1	1	5	8	18.8	19.3	50	0	01	7	02	2	0	3	8	21.1	14.0	78	0	—
GIZA (Cairo)	01	8	04	2	1	4	8	18.7	19.0	49	0	00	7	30	1	0	0	—	21.0	13.1	80	0	—
HELWAN	01	8	30	4	1	5	8	18.8	17.6	49	0	00	7	32	3	0	0	—	20.7	14.8	60	0	143
SUEZ	00	9	02	1	0	0	—	19.1	18.1	50	0	00	8	00	0	0	0	—	21.2	12.9	75	0	144
Upper Egypt																							
FAIYUM	01	8	30	3	1	4	8	18.8	18.8	47	0	01	8	32	1	1	4	8	20.7	12.4	79	0	153
MINYA	01	8	32	2	1	4	8	19.1	18.6	49	0	00	8	32	2	1	0	—	19.6	14.6	55	0	154
ASYUT	00	7	22	1	1	0	—	18.8	18.9	47	0	00	6	22	1	0	0	—	19.9	12.0	76	0	155
NAG HAMADI	00	8	26	1	0	0	—	17.1	20.0	47	0	00	8	26	1	0	0	—	18.6	13.8	71	0	164
QENA	00	8	26	2	0	0	—	16.3	20.4	—	0	00	6	26	2	0	0	—	18.0	14.8	—	0	156
LUXOR	00	7	06	2	0	0	—	17.1	23.0	38	0	00	6	28	2	0	0	—	17.8	14.7	51	0	157
ASWAN	00	9	30	2	0	0	—	15.4	23.0	31	0	00	9	00	0	0	0	—	17.6	16.0	50	0	158
Western Desert																							
SIWA	00	8	26	2	0	0	—	21.5	18.5	54	0	00	5	00	0	0	0	—	21.2	9.5	80	0	148
BAHARIYA	00	9	00	0	0	0	—	20.3	18.0	44	0	00	—	00	0	0	0	—	22.3	10.0	74	0	149
KHARGA	00	9	32	4	0	0	—	18.3	20.1	38	0	00	—	30	1	0	0	—	19.5	14.7	35	0	151
DAKHLA	00	8	28	3	0	0	—	19.5	18.5	43	0	00	6	28	2	0	0	—	20.8	10.1	58	0	152
Red Sea																							
TOR	00	7	28	5	0	0	—	17.2	20.1	54	0	00	7	28	3	0	0	—	17.8	13.5	51	0	145
HURGHADA	00	9	02	5	0	0	—	17.6	20.1	28	0	00	9	30	5	0	0	—	17.0	16.1	51	0	146
QUSEIR	00	8	02	3	0	0	—	15.1	23.6	55	0	00	8	30	1	0	0	—	16.2	18.8	62	0	147
PORT SUDAN	01	8	08	3	6	4	8	11	28	84	—												208
North Sudan																							
WADI HALFA	00	8	04	3	1	3	4,1	15	23	27	—												165
KAREIMA	00	8	04	2	0	3	2	12	28	25	—												166
ATBARA	01	8	04	1	0	3	1	9	31	29	—												167
KHARTUM	02	8	30	3	1	5	2	9	31	19	—												208
KASSALA	01	8	30	2	1	3	1	6	36	24													170
Central Sudan																							
WAD MEDANI	02	9	30	3	0	7	1	7	33	19	—												171
RENK	00	9	28	3	0	0	—	—	33	21	—												182
ROSEIRES	00	8	28	3	0	0	—	7	34	23	—												172
EL OBEID	00	9	02	3	0	2	2	9	29	20	—												174
EL FASHER	00	9	02	2	0	1	1	—	27	06	—												175
GENEINA	00	9	32	3	0	2	1	—	30	09	—												179
KADUGLI	01	8	04	3	0	4	1	7	34	20	—												187
S. Sudan																							
MALAKAL	01	8	02	4	1	4	4,1	6	35	19	—												176
WAU	01	8	30	3	1	4	4,2	6	36	15	—												177
JUBA	01	8	30	3	0	3	2,4	5	37	22	—												178

UPPER WINDS ON 15th

Upper Winds are in the Code HHDDVV where HH is Height 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	Fasher	Abu Hamad	P. Sudan	JUBA
h. m.	h. m.	12 h. 45 m.	h. m.	13 h. m.	h. m.	h. m.	13 h. 15 m.	12 h. 45 m.	13 h. m.	13 h. m.	13 h. m.	12 h. m.	13 h. 15 m.
		03 30 30		03 32 15			09 36 20	09 36 15	09 35 20	09 01 15	09 04 20	09 13 15	09 09 25
		06 31 20		06 33 15			15 30 05	15 34 10	15 32 20	15 06 30	15 33 10		15 18 05
		09 31 15		09 34 20			21 31 15	21 29 15	21 25 30	21 06 15	18 33 15		21 13 05
				15 35 15			27 25 35	24 29 10	24 34 25	27 01 30			
				21 38 30			33 25 45	30 29 15	30 26 15	30 32 20			
				24 38 30			39 36 65	39 34 30					
				30 27 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
	16-1	1331	892
	15-1	1331	857

STATION	Mean of day: Humidity % on 15th	Diff from normal	Wet Bulb Temp °C on 15th	Diff from normal
Alexandria	53	−13	11.9	+0.3
Ezbekiya	81	+13	12.0	+1.8
Giza	81	+8	11.3	+1.5
Helwân	72	+14	10.5	+1.2

GÎZA — GRASS MINIMUM TEMP. on 16th 3.3° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. 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	16th			12.73	−0.67
Nâsser				6.85	+0.36
Malakâl		11.60	+0.36	11.68	+0.40
J. Aulia Res.				377.10	—
J. Aulia D.S				372.00	+0.06
Roseires		12.80	+0.68	12.83	+0.69
Sennar Res.				20.69	—
Khartûm				11.02	−0.02
Kh. el Girba					
Atbara		10.80	+0.14	10.81	+0.14
Kajnarti				133.80	−0.08
Aswân Res.		121.05	—	121.04	—
Aswân D.S		85.90	−0.39	85.90	−0.39
Roda (Cairo)		15.36	+0.48	15.36	+0.49

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

At 8h. on WEDNESDAY 16th — الساعة ٨ يوم الأربعاء 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 (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												—		—				52
MATRÛH	00	9	20	2	0	0	—	24.3	+5.8	10.8	18	0	8	−1	68	0	64	95
MARIUT	05	6	00	0	4	1	5	23		11	18	—	7	—	88	tr.	122	89
ALEXANDRIA	00	8	00	0	0	0	—	24.2	+5.4	14.5	20	+1	12	+2	69	0	99	122
DAMIETTA	01	6	14	1	2	5	8	23.5	+5.6	13.6	19	—	9	—	89	0	33	55
PORT SA'ÎD	01	8	02	3	1	4	8	23.9	+6.3	18.2	20	+1	12	+1	70	0	32	42
EL 'ARÎSH	00	7	12	1	0	2	9	23.1	+4.7	10.6	18	−1	7	0	92	0	46	43
Lower Egypt																		
DAMANHÛR	01	5	28	2	1	3	8	23.6	+5.0	9.0	18	−2	7	−1	91	0	32	50
MANSÛRA	02	6	30	1	2	5	9	23.6	+5.3	12.6	21	+1	9	+2	77	0	12	23
TANTA	00	8	00	0	0	0	—	23.6	+4.5	9.7	20	0	5	−1	98	0	37	18
ZAGAZIG	04	5	18	2	4	2	8	23.9	+4.8	6.2	23	+3	5	−1	68	0	3	12
SHEBÎN EL KÔM	08	4	24	2	0	0	—	23.0	+4.0	7.8	22	—	6	—	93	0	8	—
Middle Egypt																		
ALMAZA (Cairo)	00	7	10	1	0	0	—	23.5	+4.3	10.0	19	—	8	—	84	0	2	—
EZBEKÎYA (Cairo)	09	5	32	1	0	0	—	23.9	+4.7	9.9	21	+1	8	0	87	0	2	12
GÎZA (Cairo)	09	5	32	2	0	0	—	24.0	+4.6	9.0	19	0	5	0	96	0	13	13
HELWÂN	05	5	32	3	0	0	—	23.5	+3.9	12.0	18	0	9	+1	76	0	2	12
SUEZ	00	9	02	1	0	0	—	23.9	+5.3	12.4	19	−1	11	+2	86	0	—	10
Upper Egypt																		
FAIYÛM	09	6	00	0	0	0	—	23.5	+4.1	9.7	20	−1	7	+1	83	0	8	4
MINYA	08	7	32	2	1	2	2	23.4	+3.4	11.6	19	−1	6	0	69	0	tr.	—
ASYÛT	00	6	20	1	0	0	—	22.6	+2.4	8.5	21	+1	5	−1	87	0	0	4
NAG' HAMADI	00	8	32	1	0	0	—	21.8	+2.2	9.8	21	—	4	—	78	0	0	—
QENA	00	7	26	2	0	0	—	21.2	+2.1	9.2	22	−1	6	−1	—	0	0	—
LUXOR	00	7	28	2	0	0	—	21.9	+2.7	15.0	24	+1	5	0	58	0	0	—
ASWÂN	00	9	02	1	0	0	—	20.3	+1.3	12.0	24	+1	9	−1	65	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	24.3	+3.6	9.0	20	0	2	−2	73	0	1	5
BAHARÎYA	00	9	00	0	0	0	—	25.5	+5.2	8.0	19	−1	4	−1	79	0	0	5
KHÂRGA	00	9	32	1	0	0	—	22.4	+2.8	8.6	20	−2	5	−1	76	0	0	—
DÂKHLA	00	7	00	0	0	0	—	23.9	+3.5	6.9	19	−2	4	−1	76	0	0	—
Red Sea																		
TÔR	00	7	04	3	0	0	—	21.5	+3.5	13.2	21	0	7	−2	55	0	0	8
HURGHÂDA	00	9	30	4	0	0	—	20.3	+2.1	16.0	21	−1	12	+2	51	0	0	3
QUSEIR	00	8	28	1	0	0	—	19.2	+1.4	18.4	25	+2	15	+1	57	0	11	4
PORT SÛDÂN	02	8	30	3	1	5	6	15		24					84	tr.	17	87
North Sûdân																		
WÂDI HALFA	00	8	02	2	0	3	1	20		12					63	0	tr.	—
KAREIMA	00	8	32	1	0	2	2	17		16					42	0	7	1
'ATBARA	01	8	28	3	1	4	1	14		19					46	0	2	2
KHARTÛM	00	8	30	2	0	0	—	14		18					43	0	3	4
KASSALA	00	8	00	0	0	0	—	11		21					57	0	31	8
Central Sûdân																		
WAD MEDANI	00	8	32	3	0	0	—	14		18					37	0	13	12
RENK	00	9	32	3	0	0	—	12		22		—		—	69	—	—	49
ROSEIRES	00	8	28	2	0	0	—	13		20				—	49	0	80	36
EL OBEID	00	9	30	3	0	0	—	15		17					30	0	44	16
EL FÂSHER	00	9	02	2	0	0	—	—	—	11					44	0	2	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	00	8	28	2	0	1	1	12		21		—		—	26	—	—	89
S. Sûdân																		
MALAKÂL	01	8	02	3	1	4	4	12		22					38	0	170	88
WÂU	00	8	28	3	0	0	—	11		23					36	0	113	144
JUBA	00	8	30	1	0	2	4,1	13		27					40	0	188	144

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
7 h. m.	7 h. 30 m.	8 h. 15 m.	8 h. 45 m.	7 h. 30 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 21 05	03 06 05	03 02 15	02 03 25	03 01 45	02 34 15	03 04 10	02 36 15	09 02 35	09 04 40	09 03 30	09 03 30
06 23 05	06 03 15	06 02 15	05 04 25	06 01 55	05 36 35	06 07 15	05 03 35	15 03 05	15 04 30	15 03 15	15 05 10
09 34 05	09 03 10	09 03 15	08 04 35	09 02 45	10 34 30	09 07 15	10 02 30	21 34 30	21 03 10	21 30 05	18 01 30
12 08 05	12 03 15	15 05 10	10 04 40	12 36 30	15 34 10	15 10 20	15 01 20	27 29 30	27 29 10	24 28 20	24 26 30
15 10 15	15 04 15	21 35 25	15 05 30	15 34 15	20 34 10	21 09 15	20 23 05	33 25 40	33 30 30	27 28 30	30 24 10
18 26 05	18 04 15	27 33 20	20 36 20	18 36 45	25 31 20	27 08 10	25 24 50	39 25 —	39 26 45	30 28 30	39 32 15
	24 31 25	30 32 20	23 01 20		30 32 20		30 26 40		48 25 40	39 33 55	51 25 25
	30 30 20	36 31 30	25 01 30							51 24 65	
	36 30 40	42 27 25	30 32 15								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. 15 m.	h. m.	h. m.	7 h. m.
09 06 15	09 04 20	09 03 05			09 03 65
15 02 10	15 11 10	15 05 20			15 04 55
21 30 10		21 34 40			21 04 50
27 27 10		27 26 15			27 01 25
33 25 15		33 26 15			33 03 25
39 24 30		39 02 30			39 06 30

UPPER AIR TEMP. ALMÂZA AT 00h. G.M.T. ON 16th

HEIGHT (feet)	P.P.P (m.b.)	TT (°F)	td (°F)
Surface	1012	51	49
500	994	56	51
1000	976	53	49
1500	958	52	47
2000	941	50	46
4000	874	40	39
6000	811	44	29
8000	752	38	27
10000	696	33	26
12000	644	26	21
14000	595	16	[illegible]
[illegible]	548	8	7

CYPRUS SYNOPTIC 8h. ON 16th
34770 01983 06313 23130 60408 00090
20950 01962 32212 24100 80407 00090

PRESENT WEATHER 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 = 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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 06 h. 51 m.
Sunset 17 h. 19 m.

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦

At 4h. on 16th (الساعة ١٤ يوم ١٦) and At 20h. on 16th (الساعة ٢٠ يوم ١٦)

Station	4h ww	4h V	4h Wind Dir.	4h Wind Force	4h Past Weather	4h Cloud Amount	4h Cloud Form	4h Bar. Press M.S.L. 1000+ mbs.	4h Temp. °C	4h % Humidity	Rain 8-14 mms	20h ww	20h V	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	02	1	0	0	—	23.4	17.7	62	0	00	—	00	0	0	0	—	27.0	13.7	73	0	131
Mariut	01	7	30	2	1	4	8	23	18	63	0	00	7	02	1	0	1	6	25	12	88	0	150
Alexandria	01	9	06	2	2	4	8	23.6	18.2	58	0												132
Damietta	01	8	28	3	1	4	8	22.8	17.3	65	0	00	7	30	1	1	2	4	23.9	14.2	85	0	159
Port Saîd	01	8	02	2	1	4	8	23.0	20.0	57	0	01	8	02	2	1	3	8	24.2	15.7	81	0	134
El Arîsh	00	7	00	0	0	0	—	23.4	19.1	63	0	00	7	00	0	0	0	—	23.4	13.8	71	0	135
Damanhûr	01	7	32	3	1	4	8	23.1	18.6	55	0	00	6	32	2	1	0	—	25.2	12.8	82	0	136
Mansûra	02	6	02	1	2	5	9	23.1	18.2	58	0	00	6	02	1	1	0	—	24.7	13.2	82	0	137
Tanta	02	8	00	0	1	5	8	23.0	19.3	59	0	00	8	00	0	1	0	—	25.5	11.5	95	0	138
Zagazig	01	6	30	3	1	4	9	22.6	19.2	66	0	00	6	26	2	0	0	—	24.8	11.3	89	0	139
Shebîn el Kôm	00	8	02	3	0	3	8	22.0	20.1	56	0	00	8	02	2	0	0	—	24.1	13.6	75	0	—
Almaza	01	7	04	3	0	4	8	21.0	19.1	46	0	00	7	02	2	0	0	—	23.8	14.8	62	0	141
Ezbekîya	01	7	02	4	0	3	8	22.6	19.5	53	0	00	6	02	3	0	0	—	24.2	13.2	82	0	—
Gîza	01	7	02	4	1	3	8	22.0	19.5	50	0	00	6	02	3	0	0	—	24.0	13.7	81	0	—
Helwân	01	8	02	6	1	4	8	22.0	19.0	42	0	00	7	02	4	0	0	—	23.9	15.0	67	0	143
Suez	01	9	02	2	1	4	8	22.0	19.0	52	0	00	8	30	1	0	0	—	23.4	13.8	86	0	144
Faiyûm	01	8	02	4	1	3	8	22.0	19.7	42	0	00	8	02	4	0	0	—	23.4	14.9	67	0	153
Minya	00	8	32	3	0	0	—	21.0	20.0	40	0	00	8	32	2	0	0	—	21.4	15.3	57	0	154
Asyût	00	8	30	1	0	0	—	20.4	19.5	41	0	00	6	22	1	0	0	—	21.8	12.0	76	0	155
Nag Hamâdi	00	8	26	1	0	0	—	19.2	20.8	48	0	00	8	00	0	0	0	—	20.8	14.1	66	0	164
Qena	00	8	24	2	0	0	—	18.8	20.4		0	00	6	22	2	0	0	—	19.9	15.8		0	156
Luxor	00	7	14	2	0	0	—	19.2	24.0	42	0	00	6	28	2	0	0	—	20.0	13.8	59	0	157
Aswân	00	9	30	2	0	0	—	17.5	23.0	31	0	00	9	00	0	0	0	—	19.4	15.0	39	0	158
Sîwa	00	8	00	0	0	0	—	23.1	19.0	50	0	00	5	00	0	0	0	—	23.6	9.0	73	0	148
Baharîya	00	9	00	0	0	0	—	23.0	17.5	48	0												149
Khârga	00	9	32	2	0	0	—	20.4	20.2	40	0	00	—	32	2	0	0	—	21.2	15.1	54	0	151
Dâkhla	00	8	32	3	0	0	—	21.4	18.9	51	0	00	6	28	2	0	0	—	22.6	11.2	59	0	152
Tôr	00	7	28	3	0	0	—	19.5	20.2	66	0	00	7	28	3	0	0	—	18.8	14.5	68	0	145
Hurghâda	00	9	02	5	0	0	—	19.0	19.0	38	0	00	9	30	3	0	0	—	—	14.2	46	0	146
Quseir	00	8	32	3	0	0	—	18.6	24.8	50	0	00	8	32	1	0	0	—	18.8	17.6	45	0	147
Port Sûdân	02	8	32	4	1	5	6,4	14	27	84	0												169
Wâdi Halfa	00	8	04	3	0	2	1	17	23	27	0												165
Kareima	00	8	04	3	0	1	2	12	30	22	0												166
Atbara	01	8	32	3	1	4	1	10	31	33	0												167
Khartûm	01	8	28	3	0	3	2	10	31	31	0												168
Kassala	00	8	04	3	0	0	—	6	35	29	0												170
Wad Medani	00	8	32	3	0	0	—	7	33	19	0												171
Renk	00	9	28	3	0	0	—	—	33	23	0												182
Roseires	00	8	30	2	0	0	—	7	37	17	0												172
El Obeid	00	9	02	4	0	0	—	9	29	20	0												174
El Fâsher	00	9	04	2	0	0	—	—	28	19	0												175
Geneina																							179
Kadugli	00	8	04	4	0	0	—	7	33	10	0												187
Malakâl	00	8	02	4	0	1	4	6	34	22	0												176
Wâu	18	6	32	4	0	0	—	7	36	18	0												177
Juba	00	7	30	3	0	0	—	7	37	16	0												178

At 8h. on Thursday 17th (الساعة ٨ يوم الخميس ١٧)

Station	Present Weather ww	Visibility V	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. °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												—		—				53
Matrûh	00	9	00	0	0	0	—	27.4	+9.0	11.0	19	+1	8	-1	75	0	64	97
Mariut	00	7	00	0	0	1	8	26	—	15	19	—	11	—	72	0	122	90
Alexandria	01	8	00	0	2	4	8	26.6	+7.8	18.2	20	+1	13	+3	69	0	99	123
Damietta	04	5	28	1	1	2	8	26.2	+8.4	13.5	18	—	9	—	99	0	33	56
Port Saîd	01	8	06	2	1	4	6	25.4	+7.8	17.2	22	+3	14	+3	77	0	32	42
El Arîsh	00	7	00	0	0	0	—	26.3	+7.9	10.1	20	+1	6	-1	96	0	46	43
Damanhûr	00	5	32	2	0	0	—	25.9	+7.3	11.8	19	-1	8	+1	94	0	32	50
Mansûra	00	8	02	1	0	0	—	26.2	+8.0	10.7	21	+1	10	+3	92	0	12	23
Tanta	08	4	00	0	0	0	—	27.1	+8.0	9.0	20	0	5	-1	98	0	37	19
Zagazig	08	4	10	1	4	0	—	25.9	+6.9	7.4	21	+1	6	0	100	0	3	13
Shebîn el Kôm	40	3	30	1	4	9	—	25.4	+6.4	7.4	21	—	6	—	98	0	8	—
Cairo: Almaza	48	1	02	1	4	9	—	25.9	+6.8	10.5	19	—	10	—	96	0	2	—
Cairo: Ezbekîya	44	3	30	1	4	9	—	26.2	+7.1	10.3	21	+1	8	0	97	0	2	12
Cairo: Gîza	47	2	30	1	4	9	—	26.3	+7.0	9.1	20	+1	7	+2	98	0	13	13
Helwân	44	1	02	1	4	1	8	25.4	+5.8	12.7	20	+2	11	+3	89	0	2	12
Suez	00	9	30	1	0	0	—	25.5	+6.9	14.9	20	0	10	+1	78	0	—	10
Faiyûm	09	6	02	2	0	0	—	25.8	+6.5	10.8	20	-1	8	+2	75	0	8	4
Minya	09	6	32	2	5	8	0	25.2	+5.3	10.4	21	+1	4	-2	82	dr	dr	—
Asyût	40	1	22	1	4	9	0	24.7	+4.5	6.2	22	+2	5	-1	96	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	24.3	+4.8	11.0	22	—	5	—	75	0	0	—
Qena	04	7	26	2	0	0	—	24.7	+5.6	15.0	22	-1	7	0	—	0	0	
Luxor	00	7	28	2	0	0	—	—	—	13.4	25	+2	4	+	52	0	0	
Aswân	00	9	30	1	0	0	—	21.5	+2.5	13.0	25	+2	9	-1	51	0	0	—
Sîwa	00	7	00	0	0	0	—	27.0	+6.3	5.0	20	0	2	-2	76	0	1	5
Baharîya	00	9	00	0	0	0	—	—	—	11.1	18	-2	6	+1	75	0	0	5
Khârga	00	9	32	1	0	0	—	24.0	+4.4	7.4	21	-1	5	-1	91	0	0	—
Dâkhla	00	7	24	1	0	0	—	24.6	+4.2	9.5	20	-2	5	0	76	0	0	—
Tôr	00	7	04	3	0	0	—	22.7	+4.7	13.2	20	-1	7	-2	62	0	0	8
Hurghâda	00	9	26	2	0	0	—	21.6	+3.5	16.1	21	-1	12	+2	55	0	0	3
Quseir	00	8	30	2	0	0	—	21.0	+3.3	18.6	25	+2	16	+2	55	0	11	4
Port Sûdân	01	8	30	4	1	4	4	18		24					74	0	17	87
Wâdi Halfa	00	8	02	3	0	3	1	22		10					54	0	tr	
Kareima	02	8	04	3	1	6	2	17		17					26?	0	1	1
Atbara	01	8	32	3	1	3	1	15		19					64?	0	2	2
Khartûm	00	8	02	4	0	0	—	15		21					41	0	3	4
Kassala	00	8	02	1	0	0	—	13		24					34	0	31	8
Wad Medani	00	9	32	4	0	0	—	13		22					38	0	13	12
Renk	00	9	28	3	0	0	—	12		22		—		—	44	—	—	49
Roseires	00	8	30	2	0	0	—	12		22					53	0	80	36
El Obeid	00	9	30	3	0	0	—	15		17					28	0	44	16
El Fâsher	00	9	00	0	0	0	—	—	—	11					44	0	2	6
Geneina	00	8	02	3	0	3	4	—	—	14		—		—	29	—	—	4
Kadugli	00	8	04	4	0	0	—	13		23		—		—	20	—	—	89
Malakâl	00	8	32	4	0	0	—	12		24					34	0	170	88
Wâu	00	8	28	3	0	3	1	13		21					35	0	113	144
Juba	05	7	00	0	1	4	4	14		24					54	0	188	145

Upper Winds on 16th

Upper Winds are in the Code HHDDVV where HH is Height above 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.	Mariut 13h.	Port Saîd	Almâza	Minya 13h.	Luxor	Hurghâda	Wâdi Halfa	Kareima 12h. 45m.	Khartûm 13h. 30m.	Kassala 13h.	El Fâsher 13h.	Malakal 13h. 15m.	Juba 13h.
03 03 10	03 35 15			03 36 20				09 03 30	09 16 20	09 02 15	09 03 10	09 03 25	09 04 30
06 05 05	06 01 10			06 01 30				15 02 20	15 02 15	15 05 05	15 06 15	15 01 25	15 03 25
09 04 05	09 03 15			09 02 30				21 35 05	21 02 10	21 29 15	21 08 15	21 03 20	21 03 25
15 28 10	12 07 10			15 34 15				24 29 20	24 01 15	27 27 10	27 06 15	27 05 25	27 04 10
21 24 15	15 08 15			21 33 15				30 25 25	30 03 20	33 09 10	39 35 05	33 05 25	33 13 05
30 31 15	18 04 15			24 33 20				39 27 —	39 34 10	39 36 15		39 01 20	39 12 05
39 24 20	21 04 20			33 30 15									
45 26 20				39 29 20									
51 26 35				45 27 30									

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 7h. 15m.	Mariut 7h.	Port Saîd 7h.	Helwân 8h. 45m.	Hurghâda 8h.	Asyût	Luxor 6h. 45m.	Aswân 7h.	Wâdi Halfa 7h. 30m.	Abu Hamad 7h.	Kareima 7h. 15m.	Khartûm
03 14 05	03 02 20	03 05 20	02 04 15	03 32 55		03 04 10	02 36 10	09 02 35	09 05 45	09 02 15	
06 08 10	06 03 30	06 06 20	05 05 40	06 34 35		06 02 20	05 01 25	15 05 30	15 03 30	15 03 30	
09 07 40	09 04 20	09 06 20	08 04 55	09 33 40		09 01 30	10 03 30	21 03 40	21 36 15	21 34 20	
15 25 10	12 06 20	15 05 20	10 05 50			15 04 30	15 04 20	27 03 35	27 22 15	24 29 25	
21 27 15	15 05 25	21 34 20	14 05 45			21 02 25	20 01 30	33 03 30	33 27 35	30 28 45	
	18 04 15	30 35 25				30 01 30	25 02 30	39 35 30	39 28 20	39 26 35	
		33 35 15				42 33 30					
		39 30 30				48 34 35					
		45 30 40									

Kassala 6h. 30m.	Port Sûdân 7h. 15m.	El Obeid 7h. 15m.	El Fâsher 7h.	Geneina 7h. 30m.	Malakal 7h.
09 06 20	09 04 30	09 04 50	09 02 15	09 02 25	09 02 —
15 03 25	15 02 20	15 05 35	15 05 15	15 02 30	15 03 40
21 03 25	21 07 20	21 04 25	21 06 30	21 03 30	21 02 30
27 04 30		27 06 20	24 07 25	27 03 10	27 03 30
33 02 20		33 06 30		33 03 20	33 05 15
39 01 20		39 05 10		39 03 25	

Upper Air Temp. Almâza at 23h G.M.T. on 16th

Height feet	P.P.P. m.b.	TT	
Surface	1015	52	50
500	996	54	51
1000	978	53	52
1500	960	51	51
2000	943	50	46
4000	876	45	39
6000	813	45	32
8000	753	41	27
10000	697	35	26
12000	645	28	23
14000	596	22	17
16000	550	13	11

Cyprus Synoptic 8h. on 17th

34700 03990 28218 28090 67407 00071
34900 01990 28114 27090 72406 00070

Remarks

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

Mean of day

Station	Humidity on 16th	Diff. from normal	Wet Bulb Temp on 16th	Diff. from normal
Alexandria	61	-5	12.4	+0.8
Ezbekîya	77	+9	11.6	+1.4
Gîza	81	+8	11.5	+1.7
Helwân	68	+10	11.4	+2.2

GÎZA — Grass Minimum Temp on 17th: 5.3°

CAIRO — Water Temp River Nile 9h. on 17th: 15.0°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	17-1	1331	892
	16-1	1331	892

Gauges

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17	—	—	—	—
Nâsser		—	—	6.10	-0.30
Malakâl		11.50	+0.29	11.60	+0.36
J. Aulia Res.		—	—	377.13	—
J. Aulia D S		—	—	371.96	+0.04
Roseires		12.79	+0.69	12.80	+0.68
Sennar Res.		—	—	20.70	—
Khartûm		10.96	-0.01	10.98	-0.02
Kh. el Girba					
Atbara		10.80	+0.15	10.80	+0.14
Kajnarti		—	—	133.77	-0.08
Aswân Res.		121.05	—	121.05	—
Aswân D.S		85.90	-0.29	85.90	-0.29
Roda (Cairo)		15.26	+0.51	15.24	+0.48

Present Weather 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	
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	0-34
Fog or Thick Haze	40-49
Mod. Fog in past hour	41
Thick	42
Fog in patches	
Drizzle	0-59
Rain	0-69
Rain and Fog	
Rain and Snow	68, 69
Snow	0-79
Showers	0-89

Visibility (V)

Objects not visible at 50 metres; 200; 500; Visible over 50 Kms.

Cloud Amount (N)

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

Wind Force (F)

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

Wind Direction: is on Scale 01-32; 09 = East; 24 = West; 00 is Calm.

Cloud Form (C)

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

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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise h. m. 06 51 — Sunset h. m. 17 20

Month JANUARY 1946 — شهر يناير ١٩٤٦

Observations at 14h and 20h on 17th (الساعة ١٤ يوم ١٧ / الساعة ٢٠ يوم ١٧)

14h ww	V	dd	F	W	N	C	PPP (1000+ mbs.)	TTT °C	UU %	Rain 8-14 mms	20h ww	V	dd	F	W	N	C	PPP	TTT	UU	Rain 14-20	Station Number
																						130
01	9	32	1	0	4	8	26.6	17.2	74	0	00		00	0	1	3	8	27.1	14.	78	0	131
01	7	31	3	1	4	8,1	25	20.	56	0	02	7	03	1	0	7	8,4	26	13	88	0	150
01	9	04	2	2	4	8	25.9	20.0	64	0	02	6	00	0	2	7	5	26.6	16.0	63	0	132
01	8	30	3	1	4	8	24.6	17.9	71	0	02	8	32	2	1	5	4,5,2	25.1	15.4	77	0	159
01	8	02	3	1	4	8	24.7	19.3	63	0	02	8	32	3	2	5	5	24.8	15.8	77	0	134
00	7	32	1	0	0	—	24.7	17.3	65	0	00	7	16	1	0	0	—	25.1	15.2	75	0	135
01	7	32	3	1	4	8	25.5	20.0	55	0	00	6	32	3	1	0	—	25.2	12.6	82	0	136
01	8	02	1	1	4	8	25.5	21.0	51	0	01	6	02	1	1	3	8	25.9	13.8	80	0	137
02	8	00	0	1	5	8	25.0	21.0	57	0	03	8	00	0	2	8	5	25.8	12.2	93	0	138
01	7	02	5	1	4	6	24.0	19.1	63	0	00	7	28	2	0	0	—	25.2	13.2	88	0	139
01	8	02	4	1	4	8	23.9	20.2	55	0	00	9	30	2	0	0	—	24.8	14.3	71	0	—
00	8	06	5	4	3	8,1	23.5	19.7	39	0	01	7	06	3	1	4	1	24.7	15.8	75	0	141
01	8	02	3	0	3	8	24.0	20.7	50	0	01	7	02	2	1	5	8,2	24.8	14.0	79	0	—
01	8	02	3	1	3	8	23.9	20.1	47	0	01	7	02	3	1	4	8,2	24.6	15.1	74	0	—
00	8	02	5	0	2	8	23.6	19.5	43	0	01	7	04	5	1	4	1	24.4	15.0	68	0	143
00	9	02	4	0	0	—	23.8	19.4	44	0	00	9	02	2	0	0	—	24.4	15.1	75	0	144
00	8	02	4	0	1	4	23.0	20.2	46	0	00	8	02	3	0	1	4	24.4	15.9	66	0	160
00	8	32	3	1	0	—	22.4	20.0	47	0	01	8	32	2	1	4	3	23.2	14.4	72	0	164
00	7	26	1	4	0	—	21.6	20.0	50	0	01	6	22	1	1	3	2	22.6	12.6	82	0	155
00	8	26	1	0	0	—	20.4	20.8	44	0	00	8	00	0	0	0	—	21.6	12.0	76	0	154
00	8	26	2	0	0	—	20.0	20.4		0	00	6	26	2	0	0	—	21.4	16.3	89	0	156
00	7	06	2	0	0	—	20.0	25.5	42	0	00	6	28	1	0	0	—	21.1	14.7	51	0	157
00	9	30	3	0	0	—	18.4	24.0	26	0												158
03	7	00	0	2	8	5,2	25.8	18.5	58	0	00	5	00	0	0	0	—	26.8	14.7	62	0	148
00	9	00	0	0	0	—	22.7	18.5	42	0												149
00	9	04	3	0	0	—	21.6	20.1	41	0	00		28	1	0	0	—	23.1	15.9	59	0	151
00	8	32	3	0	0	—	21.1	20.3	49	0	00	8	28	1	0	0	—	22.2	13.6	58	0	152
00	7	28	5	0	0	—	21.6	20.2	58	0	00	7	28	3	0	0	—	18.8	14.5	68	0	145
00	9	02	2	0	0	—	—	20.1	32	0	00	8	28	2	0	0	—	—	17.8	42	0	146
00	8	32	3	0	0	—	20.7	22.8	57	0	00	8	30	1	0	0	—	19.6	18.2	60	0	147
01	7	02	4	1	4	6,9,4	15	27	70													[illegible]
00	8	04	3	0	2	1	18	24	24	—												165
02	8	02	4	1	5	2	14	29	20	—												166
01	7	06	4	1	4	1	11	31	24	—												167
00	8	01	4	0	2	1	11	31	31	—												[illegible]
00	8	02	3	0	0	—	7	33	32	—												170
00	7	02	4	0	0	—	8	33	26	—												171
00	9	28	3	0	0	—	—	33	30	—												182
00	8	28	3	0	0	—	6	36	27	—												172
00	9	02	4	0	0	—	11	29	20	—												174
																						175
00	8	04	4	0	0	—	—	29	08													179
00	8	04	4	0	0	—	8	34	25													187
00	8	32	5	0	0	—	6	35	23													176
																						177
00	8	32	3	0	0	—	7	37	18													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)

	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13				13 h. m.		13 h. 15 m.	12 h. 40 m.	13 h. m.	12 h. 45 m.	12 h. 30 m.	13 h. m.	13 h. 15 m.
03 35 15				03 03 10		10 04 30	10 03 20	10 02 35	10 03 35	10 03 40	10 02 35	10 01 20
06 36 15				06 05 15		15 05 25	15 02 20	15 01 30	15 03 25	15 03 25	15 03 30	15 03 15
10 01 15				10 05 25		20 05 30	20 33 30	20 36 35	20 05 20	20 05 15	20 36 30	20 04 25
15 04 15				12 06 30		27 05 30	25 33 20	25 36 30	27 02 20	27 08 10	27 36 25	27 04 15
25 36 05				18 04 30		33 01 25	30 31 10		33 33 20	35 04 15	30 35 20	35 01 15
30 32 05				24 02 30		39 32 30	39 27 20		39 32 05	39 02 15		39 03 15
42 34 20				30 01 20								
48 34 30				36 35 25								
54 28 —												

	Humidity 17th	Diff. from normal	Wet Bulb Temp. 17th	Diff. from normal
Alexandria	62	−4	14.5	+3.0
Ezbekiya	81	+13	12.4	+2.2
Giza	79	+6	11.9	+2.1
Helwan	74	+16	12.2	+3.0

Grass minimum: 18th 5.5°

18th 15.1°

18-1	1331	892
17-1	1331	892

Gauge	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Jûba	18-1	12.73	−0.66	12.73	−0.66
Nâsser				6.59	+0.25
Malakâl		11.43	+0.31	11.50	+0.29
J. Aulia Res.		377.11			
J. Aulia D.S.				371.92	+0.02
Roseires		12.77	+0.68	12.79	+0.69
Sennar Res.		20.69		20.70	
Khartûm		10.93	−0.02	10.96	−0.01
Kh. el Girba					
Atbara		10.78	+0.15	10.80	+0.15
...arti		133.70	−0.10	133.74	−0.09
... Res.		121.05		121.05	
Aswan D.S.		85.90	−0.29	85.90	−0.29
Roda (Cairo)				15.26	+0.51

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

At 8h on FRIDAY 18th (الساعة ٨ يوم الجمعة ١٨)

Station	ww	V	dd	F	W	N	C	M.S.L. 1000+ mbs.	Diff. from normal	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
SALÛM												—		—				54
MATRÛH	02	9	02	1	1	7	9	26.2	+7.8	16.0	19	+1	10	+1	77	0	64	98
MARIUT	03	7	02	1	2	8	8,9,6	25		13	20	—	12	—	88	0	122	92
ALEXANDRIA	02	8	04	2	2	7	5	25.2	+6.5	16.0	22	+4	15	+5	71	0	99	125
DAMIETTA	02	8	32	1	2	7	8,5,3	24.6	+6.8	14.9	19	—	13	—	78	0	33	57
PORT SAÏD	02	8	32	3	2	6	6	23.9	+6.4	15.8	21	+2	15	+4	87	0	32	43
EL 'ARÎSH	02	7	00	0	1	7	9	23.8	+5.5	12.1	18	−1	8	+1	90	0	46	44
DAMANHÛR	03	5	32	2	2	8	5	24.7	+6.2	12.3	21	+1	11	+4	95	0	32	51
MANSÛRA	03	6	32	1	2	8	9	25.0	+6.8	12.5	22	+2	11	+4	89	0	12	24
TANTA	03	7	32	1	2	8	6	24.7	+5.6	11.0	22	+2	8	+2	96	0	37	19
ZAGAZIG	02	6	28	2	1	7	8,9,6	25.2	+6.2	10.1	21	+1	10	+4	89	0	3	13
SHEBÎN EL KÔM	09	6	02	2	2	8	7	25.0	+6.1	10.8	22	—	7	—	92	0	8	
CAIRO ALMÂZA	05	6	02	1	2	7	5,2	24.0	+4.9	10.9	20	—	10	—	92	0	2	—
CAIRO EZBEKÎYA	08	4	02	1	2	8	4,5	24.3	+5.2	11.3	22	+2	9	+1	94	0	2	12
CAIRO GÎZA	08	4	32	1	4	7	5	24.6	+5.4	9.0	20	+1	7	+2	96	0	13	13
HELWÂN	03	7	04	4	2	8	8	23.9	+4.4	13.5	20	+2	12	+4	82	0	2	13
SUEZ	00	9	30	1	0	0	—	23.8	+5.3	15.3	20	0	12	+3	67	0	—	10
FAIYÛM	02	7	02	4	2	7	9	23.4	+4.1	12.2	21	0	10	+4	87	0	8	4
MINYA	00	8	32	2	0	0	—	23.1	+3.2	10.1	21	+1	4	−2	83	0	4	—
ASYÛT	04	1	22	1	4	0	—	22.7	+2.5	7.1	23	+3	6	0	91	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	21.8	+2.3	11.9	23	—	4	—	73	0	0	—
QENA	00	7	22	2	0	0	—	21.8	+2.8	11.6	22	−1	6	−1	—	0	0	—
LUXOR	00	7	28	2	0	0	—	21.8	+2.7	12.9	26	+1	5	0	47	0	0	
ASWÂN	00	9	00	0	0	0	—	20.6	+1.7	12.9	26	+3	9	−1	46	0	0	
SÎWA	01	7	00	0	1	4		25.8	+5.2	11.5	21	+1	3	−1	81	0	1	5
BAHARÎYA																		5
KHÂRGA	00	9	28	1	0	0	—	22.3	+2.8	7.9	21	−1	4	−2	88	0	0	—
DAKHLA	00	7	28	1	0	0	—	23.0	+2.6	11.8	21	−1	7	+2	88	0	0	
TÔR	00	7	04	3	0	0	—	20.8	+2.8	14.1	20	−1	9	0	57	0	0	8
HURGHÂDA	01	8	30	5	1	4	9	20.0	+1.9	15.5	20	−2	11	+1	46	0	0	3
QUSEIR	00	8	28	1	0	0	—	19.9	+2.2	18.2	24	+1	15	+1	67	0	11	4
PORT SÛDÂN																0	17	88
WÂDI HALFA	00	8	00	0	0	0	—	20		11					54	0	tr.	—
KAREIMA	00	8	04	2	0	0	—	17		15					32	0	7	1
ATBARA	00	8	32	3	0	0	—	15		18					52	0	2	2
KHARTÛM	00	8	30	3	0	0	—	15		19					35	0	3	4
KASSALA	00	8	02	2	0	0	—	11		23					69	0	31	8
WAD MEDANI	00	9	02	4	0	0	—	13		22					44	0	13	12
RENK	00	9	30	3	0	0	—	11		21					47	—	—	49
ROSEIRES	00	8	25	1	0	0	—	11		21					50	0	80	36
EL OBEID	00	8	30	3	0	0	—	13		17					22	0	44	16
EL FÂSHER	00	9	32	1	0	0	—	=	=	12					44	0	2	6
GENEINA	00	9	04	3	0	0		—	—	15		—		—	39	—	—	4
KADUGLI	00	9	04	4	0	0	—	13		23					20	—	—	89
MALAKÂL	00	8	02	4	0	0	—	12		23					53	0	170	88
WÂU	00	7	01	2	0	3	2	—	—	22					31	0	113	144
JUBA	00	8	00	0	0	0	—	13		25					47	0	188	145

Upper Winds are in the Code HHDDVV where HH is Height 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 (الأربع ١٨)

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	7 h. 15 m.	7 h. m.	h. m.	8 h. 30 m.	h. m.	h. m.	h. m.			7 h. 30 m.	
03 01 15	03 01 30	03 01 20		03 02 40						10 05 35	
06 01 15	06 01 20	06 01 20		06 04 35						15 03 20	
10 02 15	10 01 02	10 04 20		10 04 30						20 03 30	
15 35 20	15 35 05	15 36 20		15 02 20						25 03 25	
	20 34 30			20 04 15						30 01 30	
	25 34 25			25 04 15						39 34 15	
	E.l. As.			30 01 40							

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. 15 m.	6 h. 45 m.	h. m.	h. m.	h. m.
10 01 10	10 02 40	10 04 20			
15 03 20	15 05 35	15 04 25			
26 03 25	20 14 30	20 03 25			
27 07 15	27 14 30	27 02 20			
35 09 10	33 14 15	33 34 15			
39 09 10		39 31 25			

UPPER AIR TEMP. ALMÂZA AT 24h G.M.T. ON 17th

Height feet	PPP mb.	TT	
Surface	1015	53	51
500	995	56	53
1000	978	54	51
1500	960	52	49
2000	943	49	48
4000	876	48	36
6000	813	48	33
8000	753	42	32
10000	697	35	29
12000	645	28	27
14000	596	24	19
16000	550	17	14

... on 18th

34700 00990 28202 2209x x5604
34820 01852 25303 24090 1900

WIND FORCE: Calm; Almost calm; Light; Moderate; Strong; ... Storm

08 = East, 16 = South, 24 = West, 32 = North, 00 = 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	23
Heavy Thunderstorm	2?
Duststorm	30-34
Fog or Thick Haze	40-49
Drizzle	50-59
Rain	60-69
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
Thunderstorm	90-99

PAST WEATHER (W): Clear, slight...; Rainy overcast; Sandstorm, duststorm; Fog, thick 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; 2, 3 Tenths; 4, 5, 6 Tenths; 7, 8 Tenths; 9 Tenths; Overcast

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 h. 51 m.
Sunset 17 h. 20 m.

Month JANUARY 1946 — ١٩٤٦ شهر يناير

At 14h. on 18th (الساعة ١٤ يوم ١٨) and At 20h. on 18th (الساعة ٢٠ يوم ١٨)

Station	14h ww	V	dd	F	W	N	C	PPP	TTT	UU	Rain 8-14h mms	20h ww	V	dd	F	W	N	C	PPP	TTT	UU	Rain 14-20h mms	Station Number
Salum																							130
Matrûh	02	9	32	2	2	7	8	25.8	17.8	61	0	02	9	02	1	2	5	8	23.4	16.4	77	0	131
Mariut	02	7	31	2	2	7	6,4	24	18	60	0	02	7	31	2	2	6	6,4,5	22	16	68	0	150
Alexandria	02	9	02	3	2	7	5	23.1	18.0	63	0	02	6	32	2	2	5	5	22.8	16.0	69	0	132
Damietta	02	8	28	3	2	7	5	21.8	17.2	61	0	02	7	26	1	2	7	5	21.1	15.3	77	0	159
Port Saïd	02	7	30	3	2	5	5	22.2	18.6	59	0	02	8	30	3	2	5	5	21.0	15.8	78	0	134
El Arîsh	02	7	24	2	1	7	4	21.8	17.4	70	0	00	7	00	0	0	2	1	—	14.5	83	0	135
Damanhûr	02	7	32	3	2	7	5	23.4	18.0	58	0	01	6	32	3	1	3	8	23.1	12.8	87	0	136
Mansûra	03	6	00	0	2	8	9	22.8	18.2	54	0	01	6	32	1	1	3	8	20.4	14.6	75	0	137
Tanta	03	8	32	2	2	8	6	22.3	17.5	61	0	02	8	00	0	2	7	5	21.9	12.8	94	0	138
Zagazig	02	6	22	3	1	8	8	22.7	18.2	67	0	00	6	20	2	0	0	—	19.8	12.3	75	0	139
Shebîn el Kôm	02	7	02	3	2	6	9	23.9	17.9	60	0	01	7	30	2	1	5	0	—	13.4	80	0	—
Cairo Almaza	02	8	02	4	2	8	8,4,5	22.0	17.5	50	0	01	7	03	1	1	4	4	22	15	68	0	141
Cairo Ezbekîya	02	7	02	4	2	5	6	22.3	17.4	65	0	01	7	02	1	1	5	6	22.0	13.9	80	0	—
Cairo Gîza	02	8	02	3	1	5	6	22.2	17.4	62	0	01	7	02	1	1	4	6	21.8	13.1	85	0	—
Helwân	02	8	32	4	2	7	8,4,5	21.6	17.2	52	0	01	7	32	2	1	4	4	21.5	14.3	64	0	143
Suez	02	9	30	1	2	6	9	22.3	18.1	58	0	02	7	30	1	2	7	9	21.6	15.2	65	0	144
Faiyûm	02	8	02	5	2	6	9	22.0	18.3	57	0	01	8	02	1	1	4	9	21.9	14.1	68	0	153
Minya	01	7	32	4	1	4	5	19.9	20.2	48	0	01	7	32	4	1	4	4	20.8	14.7	74	0	154
Asyût	01	8	22	1	1	3	2	19.1	20.0	43	0	01	6	22	1	1	3	2	19.5	12.0	80	0	155
Nag Hamâdi	00	8	26	1	0	0	—	17.5	21.2	46	0	00	8	00	0	0	0	—	18.2	10.8	79	0	164
Qena	00	8	22	2	0	0	—	17.8	20.6	—	0	00	6	22	2	0	0	—	17.2	15.2	—	0	156
Luxor	00	7	0	2	0	0	—	17.9	24.0	46	0	00	6	28	2	0	0	—	17.9	14.7	51	0	157
Aswân	00	9	30	2	0	0	—	15.8	24.5	24	0	00	9	00	0	0	0	—	16.7	16.0	50	0	158
Sîwa	03	—	00	0	2	8	4	22.3	18.0	36	0	00	8	00	0	0	0	—	22.6	20.0	64	0	148
Bahariya	00	9	32	1	0	0	—	21.4	19.5	43	0	00	—	00	0	0	0	—	23.6	10.0	74	0	149
Khârga	00	9	32	4	0	2	1	18.4	21.2	39	0	00	—	32	1	0	0	—	19.1	12.7	52	0	151
Dâkhla	00	8	28	4	0	0	—	20.0	—	52	0	00	6	28	2	0	0	—	20.8	14.2	56	0	152
Tôr	00	7	28	4	0	0	—	—	19.9	55	0	00	7	28	3	0	0	—	17.7	19.2	55	0	145
Hurghada	01	8	02	5	1	4	9	19.0	19.0	34	0	00	9	30	5	0	0	—	17.8	17.1	42	0	146
Quseir	00	8	32	3	0	0	—	17.6	22.4	56	0	00	8	32	1	0	0	—	17.5	17.8	41	0	147
Port Sudân	18	6	02	5	1	4	6	13	27	74	0												208
Wâdi Halfa	00	8	02	3	0	2	2	15	25	18	0												165
Kareima	00	8	04	3	0	1	1	13	28	13	0												166
Atbara	00	8	32	3	0	0	—	9	29	31	0												167
Khartûm	00	8	30	4	0	0	—	—	29	25	0												169
Kassala	00	8	02	3	0	0	—	6	32	36	0												170
Wad Medani	00	8	32	4	0	0	—	8	31	24	0												171
Renk	00	9	28	3	0	0	—	—	32	36	0												182
Roseires	00	8	30	2	0	0	—	5	35	25	0												172
El Obeid	00	9	02	4	0	0	—	9	29	17	0												174
El Fâsher	00	9	04	1	0	0	—	—	27	23	0												175
Geneina																							179
Kadugli	00	8	04	4	0	0	—	7	34	34	0												187
Malakâl	00	8	02	4	0	0	—	5	35	22	0												176
Wâu	00	7	02	3	0	0	—	6	37	27	0												177
Juba	00	8	02	2	0	0	—	8?	31	29	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 18th:

[illegible] 12 h.	[illegible] 13 h. 45 m.	Port Saïd 13 h. 30 m.	Almâza	Minya 13 h.	Luxor 13 h.	Hurghâda	Wâdi Halfa 13 h. 15 m.	Kareima 12 h. 45 m.	Khartûm 13 h.	Kassala 12 h. 45 m.	El Obeid 12 h. 45 m.	Malakal 13 h.	Juba 13 h. 15 m.
03 36 10	03 36 35	03 34 25		03 36 30	03 33 10		09 02 20	09 05 30	09 12 30	09 03 15	09 03 25	09 02 35	09 01 05
06 36 15	06 35 20	06 34 25		06 01 55	06 33 20		15 05 25	15 03 05	15 02 20	15 04 20	15 01 20	15 02 25	15 06 05
	09 36 30	09 34 25		09 02 45	09 34 30		21 05 20	21 05 35	21 36 15	21 05 25	21 35 10	21 01 20	21 05 10
	12 35 35	15 33 30		15 02 30	12 36 20		27 04 10	24 03 30	24 35 15	27 07 10	27 32 20	27 01 15	27 05 15
		21 33 40		21 36 25	15 15 15		33 03 15	30 03 30	30 36 35		33 30 30		33 05 30
		30 34 40		30 34 15	21 34 20		39 32 20	39 34 10	39 05 05		39 35 15		39 06 30
					27 33 25								
					30 34 20								
					36 31 30								

[illegible] Egyptian standard time, long 30 E. and are [illegible] on Greenwich mean time

[illegible]	Date	1946	1935
[illegible]	19-1	1331	869
[illegible]	18-1	1331	892

Mean of day

Station	Humidity % on 18th	Diff from normal	Wet bulb temp. on 18th	Diff from normal
Alexandria	66	0	13.5	+2.0
Sîwa	80	+12	12.2	+2.0
[illegible]	83	+10	11.3	+1.6
[illegible]	69	+11	11.7	+2.5

Minimum temp. 19th 4.4

Cairo — River temp. 19th 15.2

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal
Juba	19—1			12.73	-0.66
Nâsser					
Malakâl		11.42	+0.28	11.48	+0.31
J. Aulia Res					
J. Aulia D.S					
Roseires		12.74	+0.67	12.77	+0.68
Sennar Res.				20.69	—
Khartum		10.91	-0.01	10.93	-0.02
[illegible] Girba					
[illegible]cara		10.75	+0.13	10.78	+0.15
Kajnarti				133.70	-0.10
Aswan Res.		121.05	—	121.05	—
Aswan D.S		85.90	-0.29	85.90	-0.29
Roda (Cairo)					

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

At 8h. on Saturday 19th (الساعة ٨ يوم السبت ١٩)

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. °C	Humidity %	Rain Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
Salûm												—		—				54
Matrûh	01	9	32	2	2	4	9	22.4	+4.0	15.8	18	0	15	+6	75	0	04	100
Mariut	01	7	32	1	0	4	8,4	21	—	16	18	—	14	—	68	0	122	93
Alexandria	01	9	04	2	2	4	8	21.6	+2.9	16.6	22	+4	14	+4	68	0	99	127
Damietta	02	7	02	2	1	5	8	20.8	+3.0	14.8	17	—	11	—	72	0	33	58
Port Saïd	01	8	02	3	1	4	4	20.7	+3.2	16.4	20	+1	15	+4	62	0	32	44
El Arîsh	01	7	00	0	1	4	8	20.7	+2.5	14.9	18	-1	11	+4	71	0	46	45
Damanhûr	01	5	24	2	1	3	8	21.8	+3.3	10.6	18	-2	9	+2	95	0	32	52
Mansûra	01	8	32	2	1	4	8	21.4	+3.3	12.5	19	-1	10	+3	86	0	12	24
Tanta	01	8	00	0	1	4	4	21.6	+2.6	10.0	17	-1	7	+1	98	0	37	19
Zagazig	09	5	22	1	1	4	0	21.2	+2.3	9.1	19	-1	7	+1	100	0	3	13
Shebîn el Kôm	00	8	02	2	0	0	—	21.2	+2.3	9.1	19	—	8	—	96	0	8	—
Cairo Almaza	05	5	17	1	0	3	6	21.4	+2.4	9.8	18	—	8	—	89	0	2	—
Cairo Ezbekîya	47	3	00	0	4	0	0	21.8	+2.8	10.5	19	-1	9	+1	96	0	2	12
Cairo Gîza	08	4	30	1	4	3	6	21.8	+2.7	9.3	18	-1	6	+1	96	0	13	13
Helwân	09	5	00	0	0	2	0	21.4	+1.9	11.1	18	0	9	+1	94	0	2	13
Suez	00	9	02	1	0	0	—	22.2	+3.7	13.3	19	-1	9	0	85	0	—	10
Faiyûm	09	6	32	1	1	5	9	21.6	+2.4	10.2	19	-2	8	+2	94	0	8	4
Minya	01	7	32	2	4	3	2	21.1	+1.2	11.1	21	+1	4	-2	85	0	tr	—
Asyût	00	6	22	1	0	0	—	20.2	0.0	9.3	23	+3	6	0	89	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	18.7	-0.7	10.0	—	—	6	—	80	0	0	—
Qena	00	7	26	2	0	0	—	18.4	-0.6	9.8	22	-1	6	-1	—	0	0	—
Luxor												—		—			0	
Aswân	00	9	00	0	0	0	—	18.2	-0.7	14.0	26	+3	9	-1	47	0	0	
Sîwa	00	7	00	0	0	0	—	23.4	+2.8	7.5	22	+2	5	+1	86	0	1	5
Bahariya	00	9	00	0	0	0	—	22.7	+2.6	10.4	20	0	5	0	70	0	0	5
Khârga	00	9	30	3	0	1	1	19.4	-0.1	11.9	22	0	4	-2	79	0	0	—
Dâkhla	00	7	32	1	0	0	—	21.8	+1.5	13.0	20	-2	8	+3	87	0	0	
Tôr	00	7	04	3	0	0	—	18.7	+0.8	14.5	20	-2	9	0	59	0	0	8
Hurghada	00	9	30	5	0	0	—	18.8	+0.8	16.0	20	-2	11	+1	41	0	0	3
Quseir	00	8	30	1	0	0	—	16.8	-0.8	17.3	24	+1	15	+1	62	0	11	4
Port Sudân	01	8	32	4	1	5	6,4	15		22					83	0	17	88
Wâdi Halfa	00	8	32	1	0	0	—	17		10					62	0	tr	
Kareima	00	8	06	1	0	0	—	15		15					32	0	7	1
Atbara	00	8	02	3	0	0	—	13		19					49	0	2	2
Khartûm	00	8	31	3	0	0	—	14		22					44	0	3	4
Kassala	00	8	00	0	0	0	—	11		22					78	0	31	8
Wad Medani	00	9	02	3	0	0	—	12		20					46	0	13	12
Renk	00	9	30	3	0	0	—	10		19		—		—	46	—	—	49
Roseires	00	8	06	2	0	0	—	12		17					72	0	80	36
El Obeid	00	8	30	3	0	0	—	15		17					22	0	44	16
El Fâsher	00	9	04	2	0	0	—	—	—	13					29	0	2	6
Geneina	00	9	02	5	0	0	—	—	—	13		—		—	21	—	—	4
Kadugli	00	8	04	3	0	0	—	12		22		—		—	25	—	—	89
Malakâl	00	8	32	4	0	0	—	11		23					38	0	170	88
Wâu																	113	144
Juba	01	8	00	0	1	5	4,2	12		26					45	0	188	145

Upper Winds are in the Code HHDDVV where HH is Height 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 19th (أعلى الرياح ١٩):

Matrûh 7 h.	Mariut 8 h.	Port Saïd 7 h. 45 m.	Helwân 8 h. 45 m.	Minya	Asyût 7 h.	Luxor 7 h.	Aswân 7 h.	Wâdi Halfa 7 h. 15 m.	Abu Hamad 7 h.	Kareima 7 h. 15 m.	Khartûm 6 h. 45 m.
03 02 20	03 02 25	03 04 15	02 01 15		02 35 20	03 04 05	02 01 10	09 02 25	09 04 35	09 05 45	09 04 40
06 01 20	06 01 20	06 04 15	05 02 30		05 03 30	06 36 05	05 04 25	15 01 30	15 05 30	15 05 15	15 06 15
09 03 25	09 02 20	09 03 20	08 03 30		10 36 40	09 36 20	10 02 45	21 01 25	21 02 20	21 02 20	21 13
15 35 15	12 01 15		10 03 35		15 34 30	12 36 30	15 04 20	27 03 25	27 01 30	24 01 30	24 11 50
21 33 20	15 01 25		15 02 25		20 25 25	18 35 25	20 01 20	33 36 25	33 33 30	39 35 20	30 30 15
	18 01 30		20 36 45		25 32 35	21 32 30	25 35 20	39 35 20	39 32 20	51 33 40	39 35 35
			23 35 55		30 31 15		30 31 35		45 32 30	60 31 35	
			25 34 45						51 31 40		
									63 28 65		

Kassala 6 h. 30 m.	Port Sudân 7 h.	El Obeid 7 h.	El Fâsher 7 h.	Juba 7 h. 30 m.	Malakal 7 h.
09 05 05	09 06 30	09 32 50	09 03 15	09 01 15	09 02 45
15 03 30		15 04 25	15 07 20	15 01 35	15 03 20
21 34 15		21 29 25	21 03 25	21 36 30	21 01 20
27 24 15		27 31 30		27 35 05	27 02 10
33 27 20		33 30 35		33 08 10	33 09 05
39 23 30		39 06 15		39 12 10	39 11 05
51 21 30		51 03 20		51 16 10	51 15 05
63 20 25		63 07 25			63 31 20

Upper air temp. Almâza at 23h G.M.T. on 18th

Height feet	PPP mb.	TT °F	[illegible] °F
Surface	1012	52	50
500	994	56	52
1000	976	55	51
1500	958	51	49
[illegible]00	941	50	48
[illegible]000	874	41	41
[illegible]000	811	42	31
[illegible]000	752	38	26
[illegible]000	696	31	28
[illegible]000	644	26	24
[illegible]4000	595	20	18
[illegible]000	548	12	12

[illegible] synoptic 8h. on 19th
34700 00990 30202 23060 15105 00020
30900 01990 32113 22065 45302 00040

PRESENT WEATHER 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]	[illegible]
Fog in patches	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	[illegible]
Snow	70-79
Showers	80-89
[illegible] Snow	83, 84
[illegible] Sleet	85, 86
[illegible] Hail	88, 89
Thunderstorm	90-99
[illegible] with Hail	[illegible]

WIND FORCE (F)

	K.P.H.
Calm	[illegible]
Almost calm	[illegible]6
Very light	[illegible]
Light	[illegible]
Moderate	[illegible]
Fresh	[illegible]
Strong	36-44
Very strong	[illegible]
Gale	[illegible]
Strong gale	[illegible]
Whole gale	[illegible]
Storm	[illegible]
Hurricane	over 104

WIND DIRECTION (DD)
s on scale 01-32 [illegible]
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 06 m. 51
Sunset h. 17 m. 21

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY, 1946 — شهر يناير ١٩٤٦

At 8h on SATURDAY 19th (الساعة ١٤ يوم ١٩) / At 20h on 19th (الساعة ٢٠ يوم السبت ١٩)

Present weather (8h)	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 8-14h mms	Present weather (20h)	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
ww	V	DD	F	W	N	C	PPP	TTT	UU		ww	V	DD	F	W	N	C	PPP	TTT	UU		
																						130
02	9	02	1	1	7	9	21.4	17.0	70	0	02	—	00	0	2	6	9	21.5	16.0	81	0	131
02	7	01	5	1	6	5	20	18	52	0	03	7	00	0	2	8	4,5	21	13	77	0	150
02	8	04	2	2	6	5	21.0	18.4	50	0	02	6	00	0	2	5	5	21.6	15.4	59	0	132
01	8	04	3	1	3	8	20.2	16.8	55	0	01	7	06	1	1	5	8	20.8	13.5	70	0	159
01	8	02	[illegible]	1	4	1	20.3	18.8	49	0	01	8	02	3	1	4	1	20.7	14.3	62	0	134
00	7	04		0	3	8	19.8	16.8	62	0	00	7	00	0	0	1	1		11.8	69	0	135
01	7	28	2	1	3	8	20.2	18.3	56	0	03	6	28	3	2	8	5	20.7	12.8	82	0	136
01	8	02	2	1	4	8	19.9	19.2	49	0	01	6	04	1	1	3	8	21.0	12.6	80	0	137
01	8	00	0	1	4	8	20.0	20.0	55	0	02	8	00	0	2	7	5	21.2	13.2	86	0	138
01	6	02	3	1	4	6	19.8	18.8	57	0	00	6	02	5	1	3	0	20.3	12.9	100	0	139
01	8	02	3	1	4	8	19.8	20.2	53	0	01	7	02	2	1	5	0	21.0	14.4	70	0	—
02	7	02	3	1	6	6	19.4	18.3	48	0	02	7	06	3	1	5	6	20.3	15.8	48	0	141
02	7	02	3	1	5	4	19.5	19.4	59	0	02	6	00	0	1	6	4	20.3	15.1	63	0	—
02	8	02	3	1	5	4	19.4	19.7	54	0	02	7	00	0	1	5	4	20.2	15.3	56	0	—
01	8	02	3	1	4	8	19.2	19.0	46	0	02	7	02	3	2	8	4	20.2	15.2	51	0	143
01	9	02	2	1	4	1	19.5	18.4	45	0	01	9	30	1	1	4	1	20.4	14.8	54	0	144
01	8	32	3	1	3	8	19.5	19.1	51	0	02	8	32	1	2	7	9	20.0	15.3	64	0	153
00	8	32	4	0	0	—	18.2	20.3	49	0	01	7	32	2	1	4	4	19.6	15.1	69	0	154
00	8	30	1	0	0	—	16.7	20.8	34	0	01	6	22	1	1	3	5	18.8	13.1	77	0	155
00	8	28	1	0	0	—	[illegible]	20.0	49	0	00	8	00	0	0	0	—	17.1	13.2	75	0	164
00	8	26	2	0	0	—	16.2	20.4	40	0	00	6	22	2	0	0	—	16.4	16.6	58	0	156
00	7	12	2	0	0	—	15.8	23.5	42	0	00	6	28	2	0	0	—	17.0	16.0	59	0	157
01	9	30	2	1	3	1	14.7	23.0	25	0	01	9	00	0	1	3	1	16.2	16.0	32	0	158
00	8	00	0	0	0	—	23.1	19.5	59	0	00	—	00	0	0	0	—	21.2	14.0	67	0	148
00	9	32	1	0	0	—	23.0	17.6	48	0	00	—	00	0	0	0	—	21.0	10.0	74	0	149
00	9	32	3	0	0	—	17.4	19.9	47	0	00	—	28	2	2	0	—	18.0		47	0	151
00	8	28	2	0	0	—	17.4	21.2	48	0	00	6	22	1	0	0	—	18.6	14.2	59	0	152
00	7	28	5	1	0	—	16.0	19.9	71	0	00	7	28	3	0	0	—	18.0	16.8	61	0	145
00	9	02	5	0	0	—		19.1	34	0	00	9	26	2	0	0	—	16.7	17.5	42	0	146
00	8	32	3	0	0	—	15.9	22.4	65	0	00	8	28	1	0	0	—	17.2	17.2	62	0	147
02	8	02	3	1	7	6,4	12	26	78													208
00	8	04	3	0	2	2	14	23	19													165
00	8	04	2	0	0	—	11	29	20													166
00	8	32	2	0	0	—	9	29	31													167
00	8	30	2	0	0	—	9	30	31													209
00	8	02	1	0	0	—	5	33	32													170
00	8	04	3	0	0	—	6	32	26													171
00	9	30	3	0	0	—	5	32	26													182
00	8	14	1	0	0	—	—	34	25													172
00	7	32	3	0	0	—	8	28	35													174
00	9	06	2	0	0	—	—	26	16													175
																						179
																						187
00	8	32	3	0	0	—	6	34	22													176
00	8	04	3	0	0	—	6	33	13													177
01	8	00	0	1	3	1	7	36	20													178

At 8h on SUNDAY 20th (الساعة ٨ يوم الاحد ٢٠)

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	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												—		—				55
	MATRÛH	01	9	00	0	2	4	9	22.3	+4.0	13.2	18	0	10	+1	82	0	64	101
	MARIUT	05	6	00	0	0	1	2	21		11	19	—	9	—	68	0	122	94
	ALEXANDRIA	01	8	00	0	2	4	4	22.2	+3.6	15.6	21	+3	12	+2	62	0	99	128
	DAMIETTA	02	6	00	0	2	7	8	21.4	+3.7	12.3	18	—	10	—	86	0	33	59
	PORT SA'ÎD	03	8	14	3	2	8	6	21.4	+3.9	12.7	21	+2	12	+1	76	0	32	44
	EL 'ARÎSH	02	7	16	1	1	6	4	20.8	+2.6	11.2	20	+1	6	-1	77	0	46	45
Lower Egypt	DAMANHÛR	01	6	04	3	1	3	4	21.4	+3.0	12.8	19	-1	9	+2	70	0	32	53
	MANSÛRA	02	6	08	1	2	5	9	21.5	+3.5	11.8	21	+1	10	+3	78	0	12	25
	TANTA	01	8	00	0	1	4	4	21.8	+2.9	11.0	21	+1	6	0	87	0	37	20
	ZAGAZIG	02	6	02	1	1	7	8	21.2	+2.3	9.8	20	0	5	-1	92	0	3	13
	SHEBÎN EL KÔM	00	9	02	2	0	1	8	21.2	+2.4	10.2	22	—	7	—	87	0	8	—
Middle Egypt	CAIRO ALMAZA	01	7	04	1	1	3	4	21.2	+2.2	8.9	20	—	7	—	76	0	2	—
	CAIRO EZBEKÎYA	08	4	02	2	4	1	1	21.0	+2.0	9.5	21	+1	8	0	80	0	2	12
	CAIRO GÎZA	08	4	02	1	4	1	1	20.8	+1.7	8.4	20	+1	5	0	91	0	13	13
	HELWÂN	00	6	04	1	0	3	4	20.4	+0.9	9.0	19	+1	8	0	76	0	2	13
	SUEZ	01	9	00	0	1	4	1	21.2	+2.8	11.1	19	-1	7	-2	64	0	—	10
Upper Egypt	FAIYÛM	01	8	32	2	2	4	4	20.4	+1.2	9.8	20	-1	7	+1	74	0	8	4
	MINYA	00	8	30	1	1	0	—	19.2	-0.7	10.5	20	0	5	-1	84	0	dr.	—
	ASYÛT	01	6	22	1	1	3	5	20.0	-0.1	9.1	22	+2	7	+1	83	0	0	4
	NAG HAMÂDI	00	8	00	0	0	0	—	19.4	+0.1	12.0	22	—	8	—	75	0	0	—
	QENA	00	7	26	2	0	0	—	19.1	+0.2	10.7	21	-2	7	0	84	0	0	—
	LUXOR	00	7	12	2	0	0	—	19.8	+0.8		24	~~0~~	7	~~+2~~		0	0	—
	ASWÂN	00	9	00	0	0	0	—	17.8	-1.1	14.0	24	+1	11	+1	57	0	0	—
Western Desert	SÎWA	03	7	00	0	2	8	4	21.9	+1.3	7.5	22	+2	5	+1	79	0	1	6
	BAHARÎYA	00	9	00	0	0	0	—	21.5	+1.4	11.0	18	-2	7	+2	75	0	0	5
	KHÂRGA	00	9	32	1	0	2	1	19.5	0.0	10.1	21	-1	7	+1	82	E	0	—
	DÂKHLA	00	7	00	0	0	0	—	20.7	+0.4	13.0	22	0	6	+1	80	0	0	—
Red Sea	TÔR	00	7	14	3	0	0	—	17.9	0.0	13.8	20	-1	9	0	59	0	0	8
	HURGHÂDA	00	9	26	2	0	0	—	18.2?	+0.2	16.3	20	-2	11	+1	53	0	0	3
	QUSEIR	00	8	28	1	0	0	—	17.5	-0.1	18.2	23	0	15	+1	45	0	11	4
	PORT SÛDÂN	82	8	30	4	1	5	4,5	16		22					74	tr.	17	88
North Sûdân	WÂDI HALFA	01	8	00	0	1	4	2	18		10					50	0	tr.	—
	KAREIMA	00	8	06	1	0	1	1	16		15					32	0	7	1
	'ATBARA	00	8	28	3	0	0	—	15		18					46	0	2	2
	KHARTÛM	00	8	02	2	0	0	—	13		20					26	0	3	4
	KASSALA																0	31	8
Central Sûdân	WAD MEDANI	00	9	32	3	0	0	—	13		21					44	0	13	12
	RENK	00	9	30	3	0	0	—	11		21		—		—	44	—	—	49
	ROSEIRES	00	8	04	1	0	0	—	12		18					78	0	80	36
	EL OBEID	00	9	30	3	0	0	—	14		17					20	0	44	16
	EL FÂSHER	00	9	30	2	0	0	—	—	—	12					36	0	2	6
	GENEINA	00	9	02	3	0	0	—	—	—	15		—		—	25	—	—	4
	KADUGLI	00	8	04	4	0	0	—	12		23		—		—	32	—	—	89
S. Sûdân	MALAKÂL	00	8	32	4	0	0	—	11		23					36	0	170	88
	WÂU	00	8	28	2	0	0	—	12		22					25	0	113	144
	JUBA	00	8	00	0	0	2	4	14?		23					53	0	188	145

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.

[illegible]	[illegible]	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	Fasher
		13h		13h			12h 30m	12h 45m	13h	13h	13h	13h	13h
		03 04 15		03 01 30			09 03 20	09 05 20	09 03 15	09 01 10	09 03 20	09 03 35	09 07 10
		06 04 15		06 02 30			15 04 25	15 34 15	15 05 15	15 28 05	15 34 15	15 01 25	15 07 10
		09 03 15		09 02 35				21 04 30	21 02 10	21 24 30	21 30 15		21 02 15
		12 05 15		12 02 40				24 03 25	24 29 15	27 23 35	27 29 15		27 35 15
				15 02 35				30 01 20		33 26 25	33 29 20		33 32 05
								39 35 20		39 26 10	39 [illegible] 15		

Upper Winds on 20th (الاحد 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	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h			8h 45m	7h 15m	7h	7h	7h	7h 15m	7h	7h 15m	
03 13 05			02 05 10	03 02 40	02 35 20	03 36 05	02 02 15	04 04 30	09 05 20	09 03 35	
06 06 10			05 06 20	06 02 45	05 34 30	06 36 10	05 03 25	15 03 15	15 05 25	15 01 20	
09 01 15			10 03 20	09 35 25	10 35 30	09 36 20	10 36 25	21 01 20	21 33 15	21 01 15	
15 26 05			15 35 15	15 36 25	15 36 30	15 31 20	15 35 25	27 34 25	27 35 25	24 35 15	
18 27 15			20 34 30	18 36 40	20 33 20	21 32 15	20 32 15	33 33 40	33 33 [illegible]	[illegible] 30	
			25 33 70		25 30 30	27 30 30	25 30 10	36 32 45	39 34 3		
			30 32 55		30 30 45	30 30 30	30 28 10				
			34 32 70			36 30 45					
						42 30 45					

KASSALA	PORT SÛDÂN	EL OBEID	El Fâsher	GENEINA	MALAKAL
	7h	7h	7h 15m	7h 30m	7h
	09 02 20	09 03 50	09 01 10	09 06 30	09 02 60
	15 13 20	15 07 20	15 03 15	15 06 20	15 03 40
		21 33 10	21 03 20	21 33 10	21 36 30
		27 04 10	27 04 35	27 35 15	27 36 20
		33 07 05	33 05 35	33 03 10	33 34 20
		39 05 20	39 04 45	39 08 30	39 31 30

Upper Air Temp

ALMÂZA at 24h G.M.T. on 19th

Height (feet)	PPP (mb.)	TT	
Surface	1010	52	48
500	992	54	48
1000	974	53	46
1500	956	52	43
2000	939	51	41
4000	872	48	31
6000	809	42	27
8000	750	36	32
10000	695	31	29
12000	642	26	24
14000	593	20	19
16000	547	13	12

Remarks

Hours are [illegible] standard time (long 30°E) and are [illegible]

Station	Mean of day: Humidity on 19th	Diff. from normal	Wet bulb temp. on 19th	Diff. from normal
Alexandria	59	-7	12.6	+1.2
Ezbekiya	73	+6	12.8	+2.0
Giza	69	-4	11.6	+1.9
Helwân	68	+10	11.3	+2.1

Grass minimum temp. on 20th: 3.6°

Water temp. River Nile, Cairo, 20th: 14.9°

Discharges [illegible]:

20 - 1	1331	869
19 - 1	1331	869

Gauge	Date (946)	Reading (m.)	Diff. from normal (m.)	Previous day Reading (m.)	Previous day Diff. from normal (m.)
Jûba	20th				
Nâsser				6.41	+0.21
Malakâl		11.34	+0.22	11.42	+0.28
J. Aulia Res.				377.13	—
J. Aulia D S				371.90	+0.03
Roseires		12.72	+0.68	12.74	+0.67
Sennar Res.				20.68	—
Khartûm				10.91	-0.01
Kh. el Girba					
'Atbara		10.72	+0.13	10.75	+0.13
Kajnarti				133.68	-0.09
Aswân Res.		121.04	—	121.05	—
Aswân D.S		85.90	-0.29	85.90	-0.29
Roda (Cairo)		15.15	+0.42	15.17	+0.44

Cyprus synoptic 8h on 20th:
34700 03990 28318 21090 37340 00050
34903 01992 28113 20070 44301 [illegible]

Present Weather (ww)

Clear 00; Partly cloudy 01; Cloudy 02; Overcast 03; Low Fog 04; Thin Haze 05; Dust Devils 06; Distant Lightning 07; Light Mist 08; Distant Fog 09; Rain in sight 10; Thunder, no rain 11; Distant Duststorm 12; Squally 13; Slight Duststorm [illegible]; Rain in past hour 20-25; Slight Thunderstorm [illegible]; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze [illegible]; Wet Fog [illegible]; Thick [illegible]; 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 86, 8[illegible]; Thunderstorm 90-99; ended, now Rain 91; with Hail [illegible]; with Duststorm 98; [illegible] 99

Past Weather (W)

Clear, slight cloud 0; Variable sky [illegible]; [illegible]; Showers 8

Visibility (V)

Objects not visible at 50 metres 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; Alto-stratus; Strato-cumulus; Nimbo-stratus; Cumulus; Cumulo-nimbus

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) 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 06 h. 51 m.
Sunset 17 h. 22 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦ — 1417 P.S.

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

Station	14h Present weather	Visibility	Wind Dir.	Force	Past weather	Cloud Amount	Form	Bar press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 8-14h mms	20h Present weather	Visibility	Wind Dir.	Force	Past weather	Cloud Amount	Form	Bar press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20h mms	Station number
Salum																							130
Matruh	01	9	00	0	1	4	8	20.3	17.6	65	0	01	—	00	0	1	4	8	22.0	13.0	82	0	131
Mariut	02	7	28	2	1	5	6,4	21	17	60	0	01	7	00	0	8	5	6,9,6	22	15	60	dr.	150
Alexandria	02	9	32	1	2	5	6	20.6	17.0	61	0	02	6	04	2	5	6	9	21.5	16.2	65	dr.	132
Damietta	01	8	06	2	1	5	4,6	20.0	16.2	66	0	50	7	18	1	5	8	7	21.4	14.0	80	dr.	159
Port Said	01	8	02	3	1	4	8,4	20.2	16.3	68	0	50	8	06	1	5	8	7	22.2	14.0	80	dr.	134
El Arish	02	7	04	3	1	5	4	19.6	15.1	68	0	00	7	16	1	0	0	—	—	14.1	87	0	135
Damanhur	02	6	28	3	2	5	5	20.4	17.8	58	0	02	5	32	2	5	5	8	19.2	12.6	82	dr.	136
Mansura	01	7	02	1	1	4	8	19.9	17.8	57	0	50	4	24	1	5	4	9	22.0	14.5	76	dr.	137
Tanta	01	8	00	0	1	4	8	20.7	18.7	59	0	02	7	00	0	8	7	7	22.7	13.6	94	tr.	138
Zagazig	01	6	02	3	1	4	8	20.6	18.1	74	0	20	6	30	1	5	4	7	22.3	14.9	77	dr.	139
Shebin el Kom	01	8	02	4	1	4	8	19.6	18.2	58	0	01	8	02	2	2	4	9	21.1	14.1	76	dr.	—
Almaza	00	8	03	3	0	1	8,4	19.5	17.7	47	0	02	7	04	1		6	6	21.6	15.2	65	dr.	141
Ezbekiya	01	8	02	3	0	3	8,4,3	19.8	18.8	51	0	20	7	02	2	8	6	6	22.0	14.9	68	dr.	—
Giza	01	8	02	3	1	3	8,4,1	19.4	18.4	48	0	20	7	02	2	5	6	6	21.8	14.2	73	dr.	—
Helwan	00	8	02	4	0	2	4	19.4	18.5	30	0	02	7	32	2	5	5	4	21.8	15.0	59	dr.	143
Suez	00	9	30	1	0	0	—	19.4	19.4	30	0	01	7	00	0	1	5	8	21.0	12.0	78	0	144
Faiyum	01	8	32	4	1	3	4	18.8	19.8	26	0	02	8	32	1	5	7	4	21.9	15.0	65	dr.	153
Minya	00	9	32	2	0	0	—	17.8	20.4	37	0	00	8	02	1	0	0	—	20.6	12.8	70	0	154
Asyut	00	7	20	1	1	0	—	18.0	21.1	37	0	00	6	22	1	0	0	—	21.0	12.5	65	0	155
Nag Hamadi	00	8	24	1	0	0	—	16.7	21.5	39	0	00	8	00	0	0	0	—	18.7	14.6	67	0	164
Qena	00	8	22	2	0	0	—	16.4	20.8	38	0	00	6	24	2	0	0	—	18.3	15.0	64	0	156
Luxor	00	7	12	2	0	0	—	17.1	25.0	40	0	00	6	28	2	0	0	—	18.6	16.7	42	0	157
Aswan	01	7	32	2	1	5	1	15.2	24.0	29	0	00	9	00	0	0	0	—	17.8	16.5	33	0	158
Siwa	00	8	00	0	0	0	—	21.0	21.0	57	0	00	5	00	0	0	0	—	20.8	11.0	83	0	148
Bahariya	00	9	00	0	0	0	—	20.0	18.5	50	0	00	—	00	0	0	0	—	20.7	11.0	75	0	149
Kharga	00	9	32	3	0	2	1	18.2	21.6	34	0	00	8	32	1	0	0	—	19.6	—	—	0	151
Dakhla	00	8	28	3	0	0	—	19.0	22.2	38	0	00	6	24	1	0	0	—	20.3	15.1	45	0	152
Tor	00	7	28	4	0	0	—	—	20.2	49	0	00	7	28	3	0	0	—	18.8	19.9	63	0	145
Hurghada	00	9	02	3	0	0	—	17.7	20.0	32	0	00	9	26	1	0	0	—	18.0	17.1	42	0	146
Quseir	00	8	32	3	0	0	—	16.2	22.8	57	0	00	8	32	1	0	0	—	16.6	17.2	48	0	147
Port Sudan	01	8	30	3	1	5	8,[illegible]	13	26	79													209
Wadi Halfa	00	8	04	3	1	3	1,2	15	24	16													165
Kareima	00	8	02	2	0	1	1	11	30	13													166
Atbara	00	8	02	2	0	0	—	10	31	24													167
Khartum	00	8	02	3	0	2	2	9	31	26													169
Kassala	00	8	30	1	0	0	—	6	33	32													170
Wad Medani	02	8	32	3	1	7	9,5																171
Renk	00	9	28	3	0	0	—	—	33	26													182
Roseires	00	8	25	2	0	0	—	5	35	30													172
El Obeid	00	9	02	4	0	1	1	9	29	17													174
El Fasher	01	9	04	2	1	3	1,2	—	28	19													175
Geneina	01	9	04	3	1	4	2	—	31	05													179
Kadugli																							187
Malakal																							176
Wau	00	8	32	3	0	0	—	5	34	11													177
Juba	00	8	32	3	0	0	—	7	35	19													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

[illegible] 12 15	Luxor 13 h. m.	Wadi Halfa 13 h. 15 m.	Kareima 12 h. 15 m.	Khartum 13 h. m.	Kassala 12 h. 30 m.	El Obeid 12 h. 45 m.	Malakal	Juba 13 h. 30 m.
03 12 05	03 32 05	09 01 30	09 05 10	09 04 20	09 01 15	09 03 15		09 04 10
06 16 05	06 33 15	15 02 20	15 36 10	15 02 20	15 34 05	15 01 05		15 03 15
10 10 05	09 34 20	21 26 10	21 01 15	21 04 20	21 28 10	21 36 10		21 01 15
12 19 05	15 33 30	27 31 20	24 01 30	24 04 15	27 20 05	27 03 05		27 02 30
	21 29 25	33 30 40	30 02 50	30 05 20	33 28 10	33 06 25		33 01 35
	30 28 35	39 31 45	39 33 20	39 07 20	39 26 05	39 07 25		39 04 20

REMARKS

Times are Egyptian Standard time, long. 30° E. and are two hours in advance of Greenwich mean time.

Station	Humidity on 20th	Diff. from normal	Wet bulb temp on 20th	Diff. from normal
Alexandria	59	−7	12.6	+1.2
[illegible]	67	0	11.1	+0.9
	77	+4	10.9	+1.2
	64	+6	9.6	+0.5

Grass minimum temp.: 21st 3.0°

[illegible]	21-1	1331	869
	20-1	1331	869

CAIRO — River temp.: 21st 14.8°

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	21-1				
Nasser				6.34	+0.20
Malakal		11.24	+0.14	11.30	+0.22
G. Aulia Res.				377.18	
G. Aulia D.S.				371.81	−0.04
Roseires		12.69	+0.67	12.72	+0.68
Sennar Res.				20.70	
Khartum		10.82	−0.06	10.86	−0.04
Khashm el Girba					
Atbara		10.70	+0.12	10.72	+0.13
Gajnarti		133.66	−0.06	133.67	−0.07
Aswan Res.		121.04		121.04	
Aswan D.S.		85.90	−0.31	85.90	−0.29
Roda (Cairo)		15.15	+0.42	15.15	+0.42

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

At 8h. on MONDAY 21st — الساعة ٨ يوم الاثنين ٢١

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.	Min. Today °C	Diff. from norm. °C	% Humidity	Rain past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Salum												—		—				56
Matruh	00	9	20	1	1	3	8	24.7	+6.5	11.5	19	+1	9	0	86	0	64	103
Mariut	05	6	28	1	1	3	6,9,6	23		16	20	—	11	—	68	dr.	122	95
Alexandria	01	9	28	2	2	4	8	24.0	+5.4	16.8	18	0	14	+4	68	dr.	99	130
Damietta	50	6	22	1	5	5	7	23.2	+5.5	13.8	18	—	9	—	96	2	35	60
Port Said	02	8	28	2	5	5	6	23.6	+6.1	15.4	18	−1	12	+1	88	dr.	32	45
El Arish	02	7	30	2	1	6	6	23.5	+5.3	12.8	15	−4	7	0	90	0	46	46
Damanhur	01	5	20	3	1	3	8	23.8	+5.4	11.4	19	−1	10	+3	96	tr.	32	54
Mansura	50	6	32	1	5	5	9	23.9	+5.9	12.0	20	0	9	+2	91	dr.	12	25
Tanta	01	8	00	0	1	4	4	24.7	+5.8	9.2	20	0	7	+1	98	tr.	38	20
Zagazig	09	6	20	1	2	8	9	24.0	+5.2	7.4	19	−1	7	+1	100	dr.	3	14
Shebin el Kom	01	9	02	2	0	4	8	24.2	+5.4	9.7	20	—	7	—	94	dr.	8	
Cairo Almaza	00	7	12	1	0	2	6	24.4	+5.5	11.7		—	8	—	69	dr.	2	—
Cairo Ezbekiya	43	3	00	0	4	0	—	24.8	+5.9	9.9	20	0	8	0	95	dr.	2	13
Cairo Giza	47	2	00	0	4	9	—	24.7	+5.7	10.6	18	−1	5	0	95	dr.	13	14
Helwan	09	5	02	1	0	0	—	24.8	+5.4	10.2	19	0	8	0	81	dr.	2	13
Suez	00	9	02	1	0	0	—	23.9	+5.5	11.4	21	+1	9	0	81	dr.	—	10
Faiyum	09	6	00	0	0	0	—	24.7	+5.5	10.3	20	−1	8	+2	89	dr.	8	4
Minya	00	8	32	1	0	0	—	24.3	+4.5	9.2	21	+1	4	−2	88	0	dr.	—
Asyut	00	6	22	1	0	0	—	24.2	+4.1	10.0	23	+3	6	0	80	0	0	4
Nag Hamadi	00	8	28	1	0	0	—	22.7	+3.4	11.9	23	—	7	—	60	0	0	—
Qena	00	7	26	2	0	0	—	22.3	+3.4	12.0	22	−1	7	0	65	0	0	—
Luxor	00	7	28	2	0	0	—	22.0	+3.0	17.0	26	+2	6	+1	43	0	0	—
Aswan	00	9	32	2	0	0	—	21.2	+2.3	15.0	24	+1	12	+2	39	0	0	
Siwa	00	7	00	0	0	0	—	24.2	+3.6	5.5	22	+2	4	0	77	0	1	6
Bahariya	00	9	00	0	0	0	—	—	—	10.0	19	−1	6	+1	74	0	0	5
Kharga	00	9	02	2	0	0	—	22.8	+3.3	10.4	22	0	9	+3	62	0	0	—
Dakhla	00	7	24	1	0	0	—	23.9	+2.7	10.1	24	+2	5	0	68	0	0	—
Tor	00	7	04	3	0	0	—	20.8	+2.9	15.4	20	−1	11	+2	37	0	0	9
Hurghada	00	9	26	2	0	0	—	20.3	+2.3	16.1	20	−2	12	+2	48	0	0	3
Quseir	00	8	28	1	0	0	—	19.6	+2.1	18.6	23	0	15	+1	42	0	11	4
Port Sudan	00	8	32	2	1	2	4	18		23					78	0	17	88
Wadi Halfa	00	8	00	0	0	0	—	21		11					38	0	tr.	—
Kareima	00	8	06	1	0	0	—	17		16					34	0	7	1
Atbara	01	8	02	2	0	4	1	17		18					46	0	2	2
Khartum	01	8	01	3	1	3	1	16		21					25	0	3	4
Kassala	00	8	04	2	0	1	1	13		23					65	0	31	8
Wad Medani	02	9	02	4	1	7	1	14		22					47	0	13	12
Renk	00	9	28	3	0	0	—	11		22		—		—	44	—	—	49
Roseires	00	7	30	1	0	0	—	11		19					56	0	20	36
El Obeid	00	9	32	3	0	1	1,2	15		18					30	0	44	16
El Fasher	02	9	32	1	1	7	2	—	—	10					47	0	2	6
Geneina	02	8	04	3	1	6	2	—	—	13		—		—	29			4
Kadugli	01	8	04	3	1	4	1	12		24		—		—	12	—		89
Malakal	01	8	30	3	0	5	1	12		23					61	0	170	88
Wau	05	5	32	1	4	0	—	12		24					34	0	113	144
Juba	01	7	16	1	1	3	4	13		23					47	0	188	145

Upper Winds are in the Code HHDDVV where HH is Height 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 (الرياح العليا يوم ٢١)

Matruh	Mariut 7 h. 15 m.	Port Said 7 h. 18 m.	Helwan 8 h. 30 m.	Minya 8 h. 15 m.	Asyut 7 h.	Luxor 7 h.	Aswan 7 h.	Wadi Halfa 7 h. 15 m.	Abu Hamad 7 h.	Kareima 7 h. 15 m.	Khartum 7 h.
03 30 05	03 30 30	03 30 15	02 02 10	03 02 30	02 33 15	03 33 15	02 36 15	09 04 35	09 04 50	09 04 45	09 04 50
06 29 10	06 31 25	06 32 15	05 02 25	06 02 30	05 02 35	06 34 30	05 01 30	15 01 35	15 03 30	15 04 35	15 06 15
09 31 15	09 33 30	09 33 30	08 02 30	09 01 50	10 34 35	09 35 40	10 01 30	21 36 30	21 02 50	21 03 45	21 03 30
15 31 25	15 33 30	15 34 40	10 02 40	15 35 30	15 35 40	15 35 30	15 02 25	27 35 45	27 02 30	24 02 40	24 03 30
30 32 45	21 32 30		15 01 50	18 36 40	20 34 45	18 33 45	20 34 40	33 33 45	33 34 30	30 35 35	
	24 33 30		20 02 40		25 33 55	30 31 50	25 34 50	39 34 50	39 31 40	39 31 45	
	27 32 40		23 35 20				30 33 50				
			24 34 25								

Kassala 7 h.	Port Sudan 7 h.	El Obeid 7 h.	El Fasher 7 h.	Geneina 7 h.	Malakal
09 04 15	09 04 15	09 01 15	12 05 30	09 05 40	
15 06 15	15 04 10	15 02 10	15 05 35	15 06 30	
21 07 20	21 06 10	21 06 05	21 07 25	21 05 20	
27 07 15	27 07 10	27 09 05	27 08 45	27 09 20	
30 03 10		33 05 15	33 09 40	23 11 30	
39 01 15		39 08 30			

UPPER AIR TEMP — ALMAZA at 23 G.M.T. on 20th

Height feet	P P P mb.	T T °C	[illegible]
Surface	1010	93	53
500	992	57	48
1000	974	55	47
1500	956	52	45
2000	939	50	44
4000	872	46	42
6000	809	40	32
8000	750	35	25
10000	695	31	26
12000	642	25	22
14000	593	18	16
16000	547	10	9

CYPRUS SYNOPTIC [illegible] ON 21st

34780 01164 22314 22070 50807 00xxx
34883 01962 20313 23070 40207 00xxx

WIND FORCE (F): Calm 0; Almost calm 1; Very light 2; Light 3; Moderate 4; Fresh 5; Strong 6; Very strong; Gale; Strong gale; Whole gale; Storm; Hurricane over 104.

WIND DIRECTION (DD) 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; Dust Devils; Distant Lightning; Light Mist; Distant Fog 09; Rain in sight 10; Thunder, no rain; Distant Duststorm; Squally; Slight Duststorm; Rain in past hour 20-29; Slight Thunderstorm; Heavy Thunderstorm; Duststorm; Fog or Thick [illegible]; Drizzle; Rain; Rain and Fog; Rain and Snow; Snow; Showers; Thunderstorm with Hail; with Duststorm; heavy, with Hail.

PAST WEATHER (W): Clear, slight [illegible]; Variable sky; Mainly overcast; Sandstorm, Duststorm; Fog, thick dust haze; Drizzle; Rain; Snow, sleet; Showers; Thunderstorm.

VISIBILITY (V): Objects [illegible] visible at 50 metres; 200; 500; 1 Kilometre; 2; 4; 10; 20; 50; Visible over 50 [illegible].

CLOUD AMOUNT (N): Clear; Trace; 1 Tenth; [illegible]; 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

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

DAILY WEATHER REPORT

Time of Sunrise 06 h. 51 m.
Sunset 17 h. 23 m.

Month JANUARY 1946 — شهر يناير ١٩٤٦

At 14h. on MONDAY 21st (الساعة ١٤ يوم ٢١) — At 20h. on 21st (الساعة ٢٠ يوم الاثنين ٢١)

ww	V	Wind Dir.	Wind Speed	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	°C Temp.	% Humidity	Rain 8-14 mms	Present Weather (20h)	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	°C Temp.	% Humidity	Rain 14-20 mms	Station Number
																						130
00	9	00	0	0	3	8	—	—	76	0	00	—	00	0	0	0	—	24.4	13.0	91	0	131
81	7	26	2	2	6	9	23	17	68	dr.	00	7	00	0	8	0	—	23	13	88	dr.	150
02	9	26	2	2	5	8	23.1	18.4	67	dr.	01	6	00	0	2	4	8	24.2	17.0	71	0	132
01	6	28	3	5	3	8	22.4	17.6	66	dr.	04	4	00	0	1	0	—	23.8	12.2	100	0	159
01	8	28	2	1	3	6	22.8	17.6	74	0	01	8	28	2	1	4	6	23.9	13.7	86	0	134
01	7	12	3	1	5	8	22.6	18.7	58	0	00	7	16	1	0	0	—	22.0	13	83	0	135
01	7	24	3	2	5	8	22.8	19.0	64	0	00	6	28	2	1	0	—	24.2	14.2	78	0	133
50	6	02	1	5	5	9	22.6	16.0	95	dr.	01	4	04	1	1	4	8	24.4	15.8	89	0	137
02	8	28	1	2	5	8	22.6	19.0	72	0	01	8	00	0	1	4	8	24.8	15.5	89	0	138
01	6	20	3	5	4	8	22.7	19.2	68	dr.	01	6	30	1	0	3	8	24.2	14.4	87	0	139
02	8	04	3	5	5	8	22.3	20.0	65	dr.	00	8	02	2	1	2	8	—	13.6	83	0	—
01	7	02	2	2	5	8	22.3	18.3	62	0	02	7	04	1	2	6	8	23.6	16.8	68	0	141
01	7	28	2	1	5	8	22.6	19.0	62	0	00	7	02	1	0	2	8	24.3	16.2	77	0	—
01	8	28	2	1	4	8	22.4	18.5	61	0	00	7	30	1	0	1	8	24.0	15.6	83	0	—
01	7	32	2	1	4	8	21.9	17.9	55	0	01	6	32	1	1	3	4	23.9	15.8	72	0	143
01	9	02	2	1	4	4	22.7	18.2	58	0	00	9	—	1	0	0	—	21.2	16.0	66	0	144
01	8	32	3	1	4	8	22.2	19.3	50	0	09	6	00	0	0	0	—	24.0	12.7	71	0	153
00	9	30	2	0	0	—	21.0	20.2	51	0	00	8	32	1	0	0	—	22.0	14.5	81	0	154
00	8	30	1	0	0	—	20.6	20.2	38	0	00	6	22	1	0	0	—	22.6	12.6	76	0	155
00	8	24	2	0	0	—	19.0	21.9	42	0	00	8	00	0	0	0	—	20.6	14.2	76	0	164
00	8	24	1	0	0	—	18.3	22.0	43	0	00	6	22	2	0	0	—	19.9	16.8	59	0	156
00	7	02	2	0	0	—	18.8	23.5	42	0	00	6	28	2	0	0	—	20.8	15.7	53	0	157
00	9	32	3	0	0	—	17.8	24.0	26	0	00	9	00	0	0	0	—	19.6	17.0	43	0	158
00	8	10	1	0	0	—	23.2	21.5	50	0	00	—	00	0	0	0	—	23.0	16.0	59	0	148
00	9	00	0	0	0	—	21.2	19.4	43	0	00	—	00	0	0	0	—	22.9	16.5	—	0	149
00	9	32	4	0	0	—	20.0	22.0	42	0	00	—	32	3	0	0	—	21.0	18.0	54	0	151
00	8	04	3	0	0	—	20.3	23.2	36	0	00	6	24	1	0	0	—	21.8	15.2	55	0	152
00	7	28	5	0	0	—	19.5	19.8	63	0	00	7	28	3	0	0	—	20.6	15.2	79	0	145
00	9	02	5	0	0	—	19.0	20.1	33	0	00	9	30	3	0	0	—	—	17.5	44	0	146
00	8	04	3	0	0	—	18.6	[illegible]	54	0	00	8	28	2	0	0	—	19.2	18.0	60	0	147
01	8	02	3	1	4	8	15	—	42													[illegible]
00	8	04	3	0	1	1	17	26	14													165
00	8	04	3	0	0	—	13	30	13													166
00	8	04	4	0	0	—	11	31	16													167
01	8	02	4	1	3	1	10	32	17													[illegible]
01	7	02	4	1	3	1	8	33	34													170
02	8	02	4	1	5	1	8	34	20													171
00	9	28	3	0	0	—	5	34	29													182
00	8	28	3	0	0	—	7	35	25													172
01	9	02	4	1	4	2	9	31	15													174
02	9	04	3	1	6	2	—	29	12													175
01	9	04	4	1	4	1	—	32	08													179
01	8	04	4	1	4	1	8	34	12													187
00	8	04	3	1	0	—	6	36	24													176
01	7	08	2	0	4	1	6	34	13													177
00	7	04	2	0	1	1	8	36	19													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:

[illegible]	Minya 13h. 15m.	Luxor 13h.	Wadi Halfa 13h. 15m.	Fasher 13h. 45m.	Khartum 13h.	Kassala 13h. 30m.	El Obeid 13h.	Malakal 13h. 30m.	Juba 13h. 30m.
12	03 02 25	03 34 20	09 03 35	09 09 15	09 01 10	09 03 20	09 04 05	09 02 15	09 03 15
03 31 02	06 02 20	06 32 20	15 01 35	15 07 25		15 04 20	15 03 35	15 01 20	15 01 15
06 36 05	09 02 30	09 32 15	21 01 20			21 05 15	21 06 30	21 36 20	21 35 15
09 32 10	12 02 35	15 31 05	27 36 40			27 04 20	27 07 15	27 31 05	27 02 20
15 35 20	15 36 30	21 26 15	33 34 40			33 05 20	33 07 25		33 04 10
21 34 05	21 33 20		39 33 55			39 05 15	39 07 35		39 03 15
30 32 —						51 27 20			

Mean of day:

Station	Humidity % on 21st	Diff from normal	Wet bulb temp. on 21st	Diff from normal
Alexandria	65	−1	14.0	+2.6
Ezbekiya	79	+12	12.8	+2.6
Giza	82	+10	12.9	+3.2
Helwân	72	+14	11.6	+2.5

GIZA — Grass minimum temp. on 22nd 3.6°

CAIRO — Water temp. River Nile at 8h. on 22nd 15.0° C

Date	1946	1945
22-1	1273	869
21-1	1331	869

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	22nd			12.72	−0.66
Nasser				6.29	+0.19
Malakâl		11.18	+0.12	11.24	+0.14
J. Aulia Res.				377.20	—
J. Aulia D.S.				371.75	−0.05
Roseires		12.66	+0.65	12.69	+0.67
Sennar Res.				20.70	—
Khartûm				10.82	−0.06
Kh. el Girba					
Atbara				10.70	+0.12
Kajnarti		133.63	−0.07	133.66	−0.06
Aswân Res.		121.02	—	121.04	—
Aswân D.S.		85.81	−0.41	85.90	−0.31
Roda (Cairo)		15.13	+0.40	15.15	+0.42

At 8h. on TUESDAY 22nd (الساعة ٨ يوم الثلاثاء ٢٢)

Station	Present Weather ww	Visibility V	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. °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												—		—				56
MATRÛH	01	9	00	0	0	4	8	24.3	+6.1	14.6	19	+1	9	0	89	0	64	104
MARIUT	46	4	00	0	4	9	—	23		12	19	—	9	—	88	dr.	122	97
ALEXANDRIA	40	0	00	0	4	9	—	23.9	+5.3	14.0	20	+2	12	+2	87	dr.	99	132
DAMIETTA	03	7	00	0	2	8	6	23.6	+6.0	14.5	18	—	12	—	94	dr.	35	61
PORT SAÏD	02	7	04	2	5	5	7	23.9	+6.5	15.4	18	−1	13	+2	86	dr.	32	46
EL ARÎSH	01	7	16	2	1	5	1	23.5	+5.4	15.3	19	0	9	+2	84	0	46	46
Lower Egypt																		
DAMANHÛR	02	5	32	2	2	8	5	23.9	+5.6	13.2	20	0	11	+4	96	0	32	55
MANSÛRA	01	7	02	2	1	3	6	24.0	+6.1	13.8	21	+1	13	+6	88	dr.	12	26
TANTA	03	7	00	0	2	8	6	24.7	+5.9	12.5	21	+1	10	+4	94	0	38	20
ZAGAZIG	01	6	18	1	1	4	0	23.9	+5.1	14.2	23	+3	8	+2	86	dr.	3	14
SHEBIN EL KÔM	09	6	20	2	0	5	0	23.0	+4.3	13.2	22	—	9	—	90	dr.	8	
Middle Egypt																		
CAIRO ALMAZA	01	7	12	1	1	5	4	23.9	+5.1	12.7	20	—	10	—	76	0	2	
CAIRO EZBEKÎYA	08	4	00	0	1	6	2	24.0	+5.2	11.1	20	0	9	+1	86	0	2	13
CAIRO GÎZA	08	4	00	0	4	6	5	23.9	+5.0	8.2	20	+1	5	0	96	0	13	14
HELWÂN	05	6	04	2	2	8	2	24.0	+4.6	13.1	19	0	11	+3	75	0	2	14
SUEZ	00	9	30	1	0	3	1	23.8	+5.5	13.1	19	−1	9	0	85	0	—	10
Upper Egypt																		
FAIYÛM	02	7	02	1	2	7	5	23.6	+4.4	11.1	21	0	9	+3	85	0	8	4
MINYA	04	4	28	1	4	0	—	22.2	+2.4	8.8	21	+1	—	—	95	0	dr.	
ASYÛT	01	6	22	1	1	4	2	22.0	+1.9	10.3	23	+3	8	+2	83	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	22.0	+2.8	12.4	23	—	6	—	72	0	0	
QENA	01	7	08	2	0	4	3	21.6	+2.7	12.0	23	0	6	−1	69	0	0	
LUXOR	00	7	28	2	0	0	—	22.0	+3.1	10.8	—	—	6	−1	64	0	0	
ASWÂN	02	9	32	1	1	5	1	20.4	+1.5	12.9	25	+2	9	−1	56	0	0	—
Western Desert																		
SÎWA	03	7	00	0	2	8	4	22.7	+2.2	10.5	24	+4	7	+3	81	0	1	6
BAHARÎYA	01	9	00	0	1	4	—	23.0	+3.0	10.2	20	0	5	0	72	0	0	5
KHÂRGA	00	9	02	2	0	0	—	21.1	+1.7	12.4	22	0	10	+4	47	0	0	
DÂKHLA	00	7	24	1	0	0	—	22.7	+2.5	11.1	24	+2	7	+2	85	0	0	
Red Sea																		
TÔR	00	7	00	0	0	0	—	22.2	+4.4	13.2					52	0	0	9
HURGHÂDA	01	8	26	2	1	4	9	21.6	+3.7	16.0	20	−2	12	+2	55	0	0	3
QUSEIR	00	8	28	1	0	0	—	20.2	+2.7	19.0	24	+1	15	+1	66	0	11	4
PORT SÛDÂN	00	8	28	4	0	2	6	18		22					78	0	17	88
North Sûdân																		
WÂDI HALFA	00	8	00	0	0	2	2	20		12					55	0	tr.	
KAREIMA	00	8	04	2	0	1	1	17		18					30	0	7	1
ATBARA	00	8	02	2	0	2	1	16		18					46	0	2	2
KHARTÛM	00	8	32	3	0	0	—	14		19					49	0	3	4
KASSALA	01	8	04	4	1	3	1	13		22					74	0	31	8
Central Sûdân																		
WAD MEDANI	02	9	04	5	1	6	3	13		20					64	0	13	12
RENK	00	9	28	3	0	0	—			22		—		—	44		—	49
ROSEIRES	00	8	28	2	0	0	—	10		22					53	0	80	36
EL OBEID	01	9	32	4	1	4	2	14		19					28	0	44	16
EL FÂSHER	02	9	28	2	1	5	2	—	—	16					30	0	2	6
GENEINA	01	9	02	2	1	5	2	—	—	13		—		—	18	—	—	4
KADUGLI	01	8	04	4	0	4	1	12		26		—		—	18		—	89
S. Sûdân																		
MALAKÂL	00	8	30	3	0	0	—	10		24					50	0	170	88
WÂU	01	7	32	1	0	4	2	10		22					41	0	113	144
JUBA	05	8	14	1	0	0	—	13		24					44	0	188	145

Upper Winds are in the Code HHDDVV where HH is Height 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 7h.	Hurghada 7h.	Port Saïd 7h. 15m.	Helwân 8h. 45m.	[illegible] 8h. 30m.	Asyût 7h.	Luxor 7h.	Aswân 7h.	Wâdi Halfa 7h. 15m.	Abu Hamad 7h. 15m.	Kareima 7h.	Khartûm 6h. 45m.
03 07 15	03 32 50	03 34 15	02 05 20	03 36 10	02 01 10	03 36 15	02 02 10	09 05 25	09 04 60	09 02 40	09 06 45
06 07 15	06 34 15	06 01 10	05 04 35	06 07 10	05 03 25	06 34 15	05 06 25	15 07 20	15 07 50	15 02 35	15 03 25
09 03 15	09 36 05	09 36 05	08 05 15	09 06 05	10 03 15	09 33 10	10 05 20	27 05 15	21 09 15		21 07 30
15 01 15	15 33 05		10 05 15	12 35 20	15 35 05	15 34 10	15 07 15	33 03 15	24 10 10		24 07 35
21 30 10	21 02 20		15 01 10	15 36 25	20 03 05	21 01 10	20 06 20	39 36 25			30 09 20
30 25 20	24 01 15		20 32 15	18 35 20	25 18 05	27 36 20	25 04 20				39 09 30
	27 01 20		25 29 25		30 28 20						
	30 33 20		30 29 35								
			35 27 20								

Kassala h. m.	Port Sûdân 7h. 15m.	El Obeid 6h. 45m.	El Fâsher 7h.	Geneina h. m.	Malakal h. m.
	09 03 40	09 04 20	09 05 40		
	15 04 35	15 05 20	15 08 30		
	21 06 20	21 07 20	21 28 25		
	27 09 15	27 10 20	27 29 30		
	33 07 05	33 10 20	30 29 30		
		39 11 15			

CYPRUS SYNOPTIC 8h. ON 22nd
34984 03865 32388 22140 80305

UPPER AIR TEMP. ALMAZA AT 23h. G.M.T. ON 21st

Height Feet	P.P.P. mb.	TT	
Surface	1014	53	51
500	995	56	52
1000	978	55	51
1500	960	53	49
2000	943	51	48
4000	876	45	42
6000	813	45	36
8000	758	48	31
10000	697	43	26
12000	645	34	25
14000	596	25	21
16000	550	16	14

WIND FORCE

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

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog
with Hail

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 06 h. 50 m.
Sunset 17 h. 24 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

Month January 1946 — شهر يناير ١٩٤٦

At 14h. on Tuesday 22nd — الساعة ١٤ يوم الثلاثاء ٢٢ / At 20h. on 22nd — الساعة ٢٠ يوم الثلاثاء ٢٢

At 14h. (columns: Present weather ww, Visibility 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	ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14
Salûm											
Matrûh	02	9	00	0	1	5	8	21.6	17.8	72	0
Mariut	02	7	02	2	2	6	8,6	21	18	82	
Alexandria	01	9	00	0	2	4	8	21.8	18.8	57	0
Damietta	02	8	28	3	2	5	6	21.2	17.3	81	0
Port Sa'îd	02	8	04	2	2	5	6	21.6	18.7	65	0
El 'Arîsh	02	7	16	1	1	6	3	21.1	19.4	64	0
Damanhûr	02	6	32	3	2	5	5	21.8	18.5	67	0
Mansûra	02	7	02	2	2	5	8	21.4	19.0	60	0
Tanta	02	7	32	1	2	7	7	21.6	20.0	61	0
Zagazig	02	6	02	3	1	5	8	20.8	19.4	61	0
Shebîn el Kôm	02	7	02	3	2	6	9	21.1	19.2	59	0
Almaza	01	8	04	3	1	4	8	20.3	20.0	41	0
Ezbekîya	01	8	02	3	1	6	3	20.6	21.0	48	0
Gîza	02	8	04	3	1	5	8	20.6	20.4	48	0
Helwân	02	9	04	3	2	5	1	20.2	20.0	40	0
Suez	01	9	02	2	1	3	1	21.0	19.1	41	0
Faiyûm	01	8	02	3	1	4	2	18.7	21.0	41	0
Minya	01	9	32	2	1	3	2	18.3	21.5	49	0
Asyût	01	7	22	1	1	5	2	19.4	20.3	52	0
Nag Hamâdi	00	8	00	0	0	0	0	18.0	21.8	47	0
Qena	01	8	22	2	1	4	3	17.6	21.8	44	0
Luxor	00	7	30	2	0	0	—	18.3	24.0	37	0
Aswân	02	9	32	2	1	5	1	16.2	26.0	30	0
Sîwa	03	7	00	0	2	8	5	21.0	20.5	60	0
Bahariya											
Khârga	00	9	32	2	0	0	—	18.3	22.3	44	0
Dâkhla	00	8	28	2	0	0	—	18.3	22.9	40	0
Tôr	00	7	28	4	0	0	—	19.2	19.9	55	0
Hurghâda	01	8	02	4	1	4	9	18.4	19.1	40	0
Quseir	00	8	32	3	0	0	—	18.6	23.2	53	0
Port Sûdân	01	8	02	3	0	5	8	15	27	70	
Wâdi Halfa	01	8	32	2	1	5	2	15	24	27	
Kareima	01	8	06	3	1	5	1	11	29	13	
'Atbara	18	6	06	4	0	0	—	9	31	24	
Khartûm	01	6	02	2	2	4	1	5	32	45	
Kassala	01	8	04	3	1	3	1	6	33	24	
Wad Medani	01	8	02	4	1	4	3	6	34	16	
Renk	00	9	[illegible]	2	0	0	—	—	35	25	
Roseires	00	8	28	1	0	0	—	5	35	25	
El Obeid	01	9	02	4	1	5	2	7	31	16	
El Fâsher	02	7	02	2	1	6	2	—	29	20	
Geneina											
Kadugli	02	8	04	4	1	5		7	34	16	
Malakâl	00	8	32	4	0	0	—	6	36	29	
Wâu	01	7	02	2	1	5	1	4	36	13	
Juba	00	7	28	2	0	1	8	5	37	22	

At 20h. on 22nd (same columns; Rain 14-20 mms; Station Number)

Station	ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20	Station Number
Salûm												130
Matrûh	02	—	00	0	2	5	8	22.4	16.4	81	0	131
Mariut	00	7	01	1	2	1	6	23	14	77	tr.	150
Alexandria	00	5	02	2	0	0	—	23.1	16.0	61	0	132
Damietta	02	7	28	1	1	5	6	22.0	15.2	79	0	159
Port Sa'îd	02	8	30	2	2	5	6	22.0	15.4	71	0	134
El 'Arîsh	00	7	12	1	0	2	3	—	12.1	91	0	135
Damanhûr	00	6	32	2	1	0	—	21.8	19.0	42	0	136
Mansûra	01	6	02	1	1	3	8	22.6	14.5	80	0	137
Tanta	01	7	00	0	1	4	8	23.1	12.7	90	0	138
Zagazig	00	6	02	1	0	3	8	22.3	14.2	80	0	139
Shebîn el Kôm	01	8	02	2	1	4	8	22.0	14.3	82	0	—
Almaza	00	7	05	2	1	0	—	21.7	16.0	69	0	141
Ezbekîya	00	6	02	3	1	1	2	21.8	14.5	79	0	—
Gîza	00	6	02	3	0	1	2	21.9	15.4	76	0	—
Helwân	00	7	02	5	0	0	—	21.5	15.9	65	0	143
Suez	00	9	—	1	0	0	—	21.1	15.3	83	0	144
Faiyûm	01	8	32	2	1	4	—	21.0	15.0	68	0	153
Minya	00	8	02	1	1	0	—	20.7	16.2	60	0	154
Asyût	01	6	22	1	1	4	2	19.8	15.1	72	0	155
Nag Hamâdi	00	8	00	0	0	0	—	18.8	18.5	71	0	164
Qena	01	6	24	1	1	3	1	19.6	16.6	68	0	156
Luxor	00	6	28	2	0	0	—	19.1	15.0	58	0	157
Aswân	00	9	32	1	0	0	—	17.9	19.0	46	0	158
Sîwa	00	—	00	0	0	0	—	20.4	16.0	78	0	148
Bahariya	00	—	00	0	0	0	—	22.0	12.0	76	0	149
Khârga	00	9	32	2	0	0	—	18.8	18.3	48	0	151
Dâkhla	00	6	24	1	0	0	—	—	15.4	52	0	152
Tôr	00	7	28	3	1	1		19.4	15.1	59	0	145
Hurghâda	00	9	26	2	0	0	—	18.0	17.0	41	0	146
Quseir	00	8	16	1	1	0	—	19.5	18.3	56	0	147
Port Sûdân												260
Wâdi Halfa												165
Kareima												166
'Atbara												167
Khartûm												168
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 22nd

Upper Winds are in the Code HHDDVV where HH is Height above 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.	Minya 13h.	Luxor 13h.	Wâdi Halfa 13h.15m.	Kareima 12h.45m.	Khartûm 13h.	Kassala 13h.	El Obeid 13h.	Malakâl 13h.	Juba 13h.15m.
03 36 15	03 35 15	03 02 05	10 05 15	10 06 25	10 04 25	10 06 20	10 03 40	10 03 20	10 03 05
05 36 15	05 02 20	10 08 10	15 06 15	15 04 25	15 04 30	15 05 15	15 05 30	15 02 05	15 03 10
10 01 15	10 03 15	12 05 10	20 04 05	20 07 45	20 06 30	20 31 05	20 07 20	20 01 10	20 03 15
15 11 05	15 22 05	15 09 05	25 02 05	25 02 45	25 07 25	25 30 05	25 10 10	25 12 10	25 06 20
20 15 20	20 25 10	20 23 05	35 02 15	30 04 20	30 08 20	35 28 25	35 15 10		35 06 30
25 16 25	30 27 20	25 30 15	40 35 20	40 02 15	40 07 20	40 28 15	40 02 05		40 07 40
	35 29 35			50 03 30					
				60 01 15					

(Port Sa'îd, Mariut, Almaza, Hurghâda: no entries)

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	70	+4	13.1	+1.7
Ezbekiya	75	+8	12.5	+2.3
[illegible]	79	+7	11.8	+2.1
[illegible]	66	+8	12.2	+3.1

Grass minimum temp. 23rd 4.7°

Discharges of Aswan Reservoir		1946	1945
	23—1	1273	869
	22—1	1273	869

CAIRO — Water temp. River Nile at 9h. on 23rd

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23rd			12.72	−0.66
Nâsser				6.25	+0.21
Malakâl		11.10	+0.08	11.16	+0.12
J. Aulia Res.				377.13	—
J. Aulia D.S				371.75	−0.06
Roseires		12.64	+0.64	12.66	+0.65
Sennar Res.				20.70	—
Khartum				10.74	−0.11
Kh. el Girba					
Atbara		10.65	+0.10	10.67	+0.11
Kajnarti		133.56	−0.10	133.63	−0.07
Aswan Res.		121.02	—	121.02	—
Aswan D.S		85.80	−0.44	85.81	−0.41
Roda (Cairo)		15.13	+0.40	15.13	+0.40

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

At 8h. on WEDNESDAY 23rd — الساعة ٨ يوم الأربعاء ٢٣

(columns: 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)

Region	Station	ww	V	DD	F	W	N	C	M.S.L.	Diff.	Dry bulb	Max. yesterday	Diff.	Min. today	Diff.	% Hum.	Past 24 hrs	Total from Oct. 1	Norm from Oct. 1
Mediterranean	Salûm																		57
	Matrûh	02	9	00	0	2	7	8	20.7	+2.6	13.7	20	+2	13	+4	88	0	64	106
	Mariut	02	7	05	1	2	7	4,5,8	21		13	18	—	11	—	—	tr.	123	98
	Alexandria	02	8	08	2	2	5	6	21.4	+2.9	15.3	20	+2	14	+4	73	0	99	133
	Damietta	02	7	04	4	2	5	8	21.9	+4.3	15.0	19	—	12	—	70	0	85	62
	Port Sa'îd	13	7	04	5	2	8	7	22.0	+4.6	14.9	21	+2	14	+3	71	0	32	47
	El 'Arîsh	02	7	04	3	1	7	9	21.8	+3.8	13.2	20	+1	11	+4	86	0	46	47
Lower Egypt	Damanhûr	02	6	06	3	2	6	5	21.6	+3.3	13.6	20	0	11	+4	88	0	32	56
	Mansûra	03	6	04	2	2	8	9	21.2	+3.3	13.8	21	+1	11	+4	88	0	12	26
	Tanta	03	7	00	0	2	8	7	22.0	+3.3	10.0	22	+2	8	+2	96	0	38	20
	Zagazig	01	6	04	1	1	5	8	21.1	+2.3	10.8	23	+3	9	+3	93	0	3	14
	Shebîn el Kôm	09	6	02	2	1	5	0	20.4	+1.7	10.8	21	—	9	—	90	0	8	
Middle Egypt	Cairo: Almaza	05	6	07	2	1	6	5	20.7	+1.9	12.8	20	—	10	—	82	0	2	
	Cairo: Ezbekîya	09	5	00	0	2	8	2	20.8	+2.0	10.9	22	+2	9	+1	89	0	2	13
	Cairo: Gîza	08	4	00	0	4	8	2	20.7	+1.9	8.6	20	+1	6	+1	93	0	13	14
	Helwân	02	6	04	4	2	8	2	19.1	−0.2	13.3	21	+2	12	+4	73	0	2	14
	Suez	02	9	30	1	2	6	1	21.4	+3.1	12.8	21	+1	11	+2	83	0	—	10
Upper Egypt	Faiyûm	02	8	32	3	2	7	5	19.5	+0.4	12.6	21	0	11	+5	72	0	8	4
	Minya	03	8	32	1	2	8	2	18.8	−1.0	10.7	22	+2	—	—	92	0	dr.	—
	Asyût	00	6	22	1	0	0	—	19.4	−0.6	11.1	23	+3	8	+2	86	0	0	4
	Nag Hamâdi	02	8	00	0	2	5	1	19.0	−0.1	13.1	25	—	7	—	66	0	0	—
	Qena	01	7	32	1	1	4	1	18.8	0.0	12.4	23	0	7	0	61	0	0	—
	Luxor	00	7	28	2	0	0	—	19.0	+0.1	15.0	25	+1	8	+3	58	0	0	—
	Aswân	00	8	02	1	0	0	—	17.9	−0.9	15.0	27	+3	11	+1	49	0	0	—
Western Desert	Sîwa	03	7	00	0	2	8	4	19.5	−1.0	11.5	21	+1	10	+6	82	0	1	6
	Bahariya	01	9	00	0	1	4	1	21.9	+2.0	11.0	20	0	6	+1	75	0	0	5
	Khârga	00	9	00	0	0	3	2	18.8	−0.6	10.9	23	0	7	+1	75	0	0	
	Dâkhla	00	8	00	0	0	0	—	19.5	−0.6	11.2	25	+3	6	+1	77	0	0	
Red Sea	Tôr	00	7	04	3	0	0	—	18.7	+0.9	12.3	20	−1	9	0	69	0	0	9
	Hurghâda	01	8	26	2	1	4	8,4	19.0	+1.2	17.0	22	0	12	+3	51	0	0	3
	Quseir	00	8	28	1	0	0	—	17.6	+0.2	17.6	24	+1	14	0	58	0	11	4
	Port Sûdân	02	8	30	4	1	5	4,6	16		23					84	0	17	88
North Sûdân	Wâdi Halfa	00	8	00	0	0	1	1	18		13					44	0	tr.	—
	Kareima	01	8	04	2	1	4	1	14		18					37	0	7	1
	'Atbara	02	8	32	3	1	5	2	13		19					64	0	2	2
	Khartûm	01	8	32	3	0	3	2	13		20					49	0	3	4
	Kassala	01	8	02	3	0	5	1	11		23					69	0	31	8
Central Sûdân	Wad Medani	01	9	32	1	1	5	1	13		19					49	0	13	12
	Renk	02	9	32	3	0	6		9		21		—		—	44	—		49
	Roseires	00	8	28	2	0	0	—	9		21					50	0	80	36
	El Obeid	01	9	32	4	1	4	1	13		18					26	0	44	16
	El Fâsher								—	—							0	2	6
	Geneina	00	?	02	3	0	0	—	—	—	16		—		—	19	0	—	4
	Kadugli	00	8	28	2	0	1	1	11		22		—		—	25	—	—	89
S. Sûdân	Malakâl	00	6	32	3	1	3	1	9		25					26	0	170	88
	Wâu	00	8	32	2	0	0	—	9		22					53	0	112	144
	Juba	05	7	14	1	0	4	4	11		25					54	0	188	145

Upper Winds on 23rd — 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 7h.	Mariut 7h.	Port Sa'îd	Helwân 8h.45m.	Minya 7h.	Asyût 7h.	Luxor 7h.	Aswân 7h.	Wâdi Halfa 7h.	Abu Hamad 7h.	Kareima 7h.	Khartûm 7h.
03 07 25	03 06 30		00 05 25	03 02 25	02 30 05	03 06 10	02 02 20	10 05 25	10 07 50	10 05 35	10 04 55
06 10 30	06 05 30		02 06 35	06 02 20	05 36 10	06 05 10	05 06 10	15 04 20	15 04 35	15 04 20	15 02 20
10 10 25	10 06 30		05 06 60	10 03 10	10 22 10	10 02 05	10 08 25	20 05 05	20 04 30	20 06 25	20 04 20
15 10 10	12 07 30		08 06 20	12 04 05	15 28 20	12 01 15	15 08 05	25 23 05	25 02 35	25 05 30	25 06 15
20 26 15	18 08 15		10 05 25	15 23 15	20 28 30	20 35 20	20 33 05	35 35 15	35 36 30	30 03 20	
30 27 25	20 09 20		15 26 15	18 28 25	25 30 30	25 05 05	25 32 15	40 33 20	40 01 35	40 04 15	
			20 28 25	20 28 30	30 29 40		30 31 25				
			22 29 40	25 30 40			35 33 40				
			25 29 50	30 29 20							

Kassala 7h.	Port Sûdân 7h.	El Obeid 7h.	El Fâsher	Geneina 7h.	Malakâl 7h.
10 05 30	10 01 20	10 04 50		10 05 30	10 03 55
15 10 15		15 05 30		20 05 10	15 04 40
20 11 25		20 07 05		25 09 05	20 18 05
25 04 30		25 08 15		35 19 10	25 16 05
35 35 30		00 09 30		40 13 20	35 28 05
					40 11 25

Upper Air Temp. Almâza at 24h. G.M.T. on 22nd

Height feet	PPP mb.	TT °F	Td °F
Surface	1012	53	51
500	994	55	52
1000	976	53	48
1500	958	51	46
2000	941	50	46
4000	874	51	37
6000	811	55	34
8000	752	49	30
10000	696	45	29
12000	644	35	27
14000			
16000			

Cyprus synoptic 8h. on 23rd
24707 01990 09518 25075 10107 00060
34800 00990 02300 27035 30302

Annual subscription P.T. 150

Present Weather (ww)

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Rain 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 14
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 35-39
Rain, Fog in last hour
Thick
Fog in patches
Drizzle 50-59
Rain 60-69
Rain and Fog 7
Rain and Snow 70-79
Snow 70-79
Showers 80-89
with Snow 83, 84
with Sleet 85, 88
with Hail 86-89
Thunderstorm 90-99
Sudden, now Rain 91
with Hail 90
with Duststorm 98
heavy with Hail 99

Past Weather (W)

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

Visibility (V)

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

Wind Force (F)

	K.P.H.	Force
Calm	0	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	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 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

Time of Sunrise h. m. 06 50
Sunset h. m. 17 25

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦

At 14h. and at 20h. on WEDNESDAY 23rd — الساعة ١٤ يوم الاربعاء ٢٣ / الساعة ٢٠ يوم الاربعاء ٢٣

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)	°C Temp. (TTT)	% Humidity (UU)	Rain 14-20 mms	Station Number
Mediterranean	SALUM																							130
	MATRUH	02	9	10	1	2	5	8	18.4	18.8	70	0	02		10	3	2	5	8	18.7	16.0		0	131
	MARIUT	05	6	08	5	2	8	8,9,6	20	17	60	0	02	7	08	4	2	6	6,5,1	21	13	67	0	150
	ALEXANDRIA	02	8	10	5	2	7	6,4,5	19.2	17.0	59	0	00	5	10	4	0	0	—	20.3	12.8	57	0	132
	DAMIETTA	14	8	06	5	1	5	8,4,5	20.8	15.2	61	0	01	7	06	4	1	4	6,2	20.6	12.8	66	0	159
	PORT SAID	14	6	06	5	2	7	7	20.7	15.9	62	0	14	7	04	5	2	5	6	22.2	13.0	59	0	134
	EL ARISH	02	7	04	5	1	7	7	20.6	14.8	75	0	02	7	04	3	1	7	7	—	13.9	62	0	135
Lower Egypt	DAMANHUR	02	6	08	4	2	6	5	19.1	16.5	69	0	00	7	32	3	2	0	—	21.2	11.5	76	0	136
	MANSURA	02	7	02	2	2	5	9	20.0	16.5	62	0	00	6	04	3	1	0	—	21.5	11.5	80	0	137
	TANTA	03	7	04	3	2	8	7	19.6	16.6	71	0	03	7	04	2	2	8	7		11.5	80	0	138
	ZAGAZIG	02	6	04	5	2	7	9	20.3	16.8	73	0	02	6	04	5	2	5	9	21.2	10.9	80	0	139
	SHEBIN EL KOM	14	6	04	6	3	5		18.7	17.0	67	0	01	6	02	4	2	4	0	21.0	12.2	66	0	—
Middle Egypt (Cairo)	ALMAZA	02	7	06	5	2	6	8,5,2	17.6	18.3	52	0	05	6	07	5	2	1	2	19.8	13.3	64	0	141
	EZBEKIYA	02	8	04	5	1	6	8,5,3	17.9	19.6	53	0	00	6	04	5	0	0	—	19.9	13.4	66	0	—
	GIZA	02	8	04	5	2	6	8,1	17.9	18.6	53	0	00	6	04	5	0	0	—	18.8	13.3	59	0	—
	HELWAN	02	8	06	5	2	6	4,3	17.0	19.8	43	0	18	5	04	8	2	7	4,3	18.8	13.0	64	0	143
	SUEZ	02	9	02	2	2	6	1	18.7	18.9	45	0	00	9			2	2		21.5	15.1	60	0	144
Upper Egypt	FAIYUM	02	8	02	3	2	7	5	16.3	20.8	43	0	02	8	02	5	2	7	5	18.3	15.3	62	0	153
	MINYA	02	8	32	2	2	5	2	15.6	21.2	45	0	00	8	30	1	1	0	—	17.1	16.4	61	0	154
	ASYUT	01	7	28	1	1	4	5	15.6	22.5	46	0	01	6	22	1	1	4	5	17.1	15.1	71	0	155
	NAG HAMADI	00	8	00	0	0	0	—	14.4	23.1	44	0	00	8	00	0	0	0	—	15.8	16.0	79	0	164
	QENA	01	8	26	2	1	4	1	14.2	22.6	41	0	01	6	24	1	1	4	3	14.8	17.4	65	0	156
	LUXOR	00	7	06	2	0	0	—	14.7	26.5	43	0	00	6	28	2	0	0	—	14.7	15.7	59	0	157
	ASWAN	01	9	30	1	1	3	1	13.0	27.0	31	0	00	9	00	0	0	0	—	14.3	20.0	47	0	158
Western Desert	SIWA	00	7	10	1	0	0	—	16.7	21.0	65	0	00		08	1	0	0	—	16.2	17.0	70	0	148
	BAHARIYA	01	9	00	0	1	4	—		19.0	46	0												149
	KHARGA	01	9	04	3	1	4	1	15.4	25.4	32	0	00	9	32	2	0	0	—	15.5	19.8	37	0	151
	DAKHLA	00	8	28	2	0	0	—	15.1	23.3	39	0	00	6	28	1	0	0	—	16.3	15.0	48	0	152
Red Sea	TOR	00	7	28	3	0	0	—	15.5	20.1	57	0	00	7	28	3	0	0	—	17.0	17.3	69	0	145
	HURGHADA	01	8	02	3	1	4	9	15.1	19.5	40	0	01	9	26	1	1	4	2	16.2	18.1	44	0	146
	QUSEIR	00	8	02	3	0	0	—	15.2	23.6	58	0	00	8	28	1	0	0	—	16.4	18.0	55	0	147
	PORT SUDAN	01	8	02	4	1	3	6	13	27	79													208
North Sudan	WADI HALFA	00	8	02	2	0	3	1	12	28	22													165
	KAREIMA	01	8	06	2	1	3	1	10	29	25													166
	ATBARA	02	8	04	3	1	5	2	8	32	26													167
	KHARTUM	01	8	04	2	1	3	2	7	32	24													209
	KASSALA	01	8	06	1	1	4	1,2	4	34	25													170
Central Sudan	WAD MEDANI	02	8	04	2	1	7	1	5?	34	20													171
	RENK	00	9	28	3	0	0	—	3?	34	29													182
	ROSEIRES	00	8	30	1	0	0	—	5?	35	25													172
	EL OBEID	00	9	04	3	1	3	1,2	7	31	21													174
	EL FASHER	00	9	02	1	0	0	—	—	30	22													175
	GENEINA	00	9	04	2	0	0	—	—	33	07													179
	KADUGLI	00	8	04	3	0	0	—	6	35	13													187
S. Sudan	MALAKAL	00	8	02	3	0	2	4	4	36	29													176
	WAU	00	8	04	3	0	0	—	3	36	13													177
	JUBA	01	8	02	1	0	4	8	3	38	21													178

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 12 h. m.	MARIUT h. m.	PORT SAID 13 h. 15 m.	ALMAZA h. m.	MINYA 13 h. m.	LUXOR 13 h. 15 m.	HURGHADA h. m.	WADI HALFA 13 h. m.	KAREIMA 12 h. 45 m.	KHARTUM 13 h. m.	KASSALA 12 h. 45 m.	EL OBEID 13 h. m.	MALAKAL 12 h. 45 m.	JUBA 13 h. 30 m.
03 09 25		03 05 60		03 32 10	03 05 05		09 07 20	09 05 15	09 03 15	09 07 10	09 04 30	09 02 30	09 17 05
06 09 15		06 06 40		06 01 05	06 15 05		15 05 15	15 05 30	15 05 15	15 12 05	15 03 20	15 02 35	15 04 05
09 11 15		09 06 25		09 29 15	09 27 05		21 25 10	21 07 25	21 05 20	21 27 05	21 34 15	21 03 30	21 06 05
12 11 15		15 30 —		15 31 15	15 30 05		27 36 15	24 05 25	24 05 15	27 31 05	27 20 10	27 04 25	
				18 29 20	21 30 15		33 34 15	30 04 30	32 05 20	33 29 05		33 04 20	
					27 32 30		39 31 05	39 07 30	39 05 30	39 31 05		39 06 25	

Remarks

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

Station	Mean of day: Humidity 23rd	Diff. from normal	Wet bulb temp 23rd	Diff. from normal
Alexandria	61	-5	11.5	+0.1
Ezbekiya	71	+4	11.6	+1.4
Giza	69	-3	10.7	+1.0
Helwan	64	+7	11.3	+2.2

GIZA — Grass minimum temp 24th 6.8°

CAIRO — Water temp River Nile at 8h. 24th 14.8° C

Discharge at Aswan measured by … m³ per sec.	Date	1946	1945
	24-1	1273	869
	23-1	1273	869

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	24-1			12.72	-0.66
Nasser				6.18	+0.20
Malakal		11.04	+0.05	11.10	+0.08
J. Aulia Res.				377.16	
J. Aulia D.S.				371.70	-0.09
Roseires		12.62	+0.64	12.64	+0.64
Sennar Res				20.70	
Khartum				10.71	-0.10
Kh. el Girba					
Atbara				10.65	+0.10
Kajnarti				133.59	-0.10
Aswan Res.		121.02		121.02	
Aswan D.S.		85.79	-0.40	85.80	-0.44
Roda (Cairo)		15.13	+0.41	15.13	+0.40

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

At 8h. on THURSDAY 24th — الساعة ٨ يوم الخميس ٢٤

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	SALUM												—		—				58
	MATRUH	02	9	10	2	2	5	8	18.6	+0.5	13.2	19	+1	12	+3	77	0	64	107
	MARIUT	02	7	07	3	2	6	4,5,2	19		12	18	—	11	—	76	0	123	99
	ALEXANDRIA	02	8	10	2	2	6	5	19.2	+0.7	13.0	18	0	11	+1	63	0	99	134
	DAMIETTA	02	7	06	4	2	7	4,5	19.4	+1.9	12.9	16	—	7	—	66	0	35	63
	PORT SAID	14	7	04	5	2	8	0	19.4	+2.0	14.7	17	-2	13	+2	61	0	32	47
	EL ARISH	05	5	04	5	1	7	5	20.0	+2.0	10.5	—	—	6	-1	44	0	46	48
Lower Egypt	DAMANHUR	02	6	06	3	1	7	5	19.8	+1.6	10.0	17	-3	9	+2	87	0	32	57
	MANSURA	03	8	04	2	2	8	0	19.6	+1.8	11.3	17	-3	9	+2	82	0	12	27
	TANTA	03	7	04	1	2	8	6	19.9	+1.3	8.8	18	-2	7	+1	89	0	38	21
	ZAGAZIG	02	6	32	3	1	6	6	18.6	+0.2	9.5	17	-3	8	+2	79	0	3	14
	SHEBIN EL KOM	02	8	06	3	2	5	0	18.2	-0.4	9.7	18	—	8	—	76	0	8	—
Middle Egypt (Cairo)	ALMAZA	05	6	08	4	2	5	4,5	18.2	-0.5	11.4	19	—	10	—	61	0	2	—
	EZBEKIYA	02	7	04	4	1	6	5,2	18.3	-0.4	11.8	21	+1	11	+3	63	0	2	13
	GIZA	02	6	04	5	2	6	4,2	18.0	-0.7	12.2	19	0	8	+3	55	0	13	14
	HELWAN	02	7	04	6	1	6	4,5,2	17.4	-1.9	12.2	20	+1	11	+3	56	0	2	14
	SUEZ	02	9	30	1	2	6	2	19.0	+0.8	12.7	20	0	10	+1	56	0	—	10
Upper Egypt	FAIYUM	09	5	00	0	2	7	5	17.8	-1.3	9.0	21	0	7	+1	80	0	8	4
	MINYA	02	8	14	1	2	5	2	17.1	-2.6	12.3	22	+2	7	+1	73	0	tr.	—
	ASYUT	01	6	00	0	1	4	5	16.8	-3.2	11.8	24	+4	8	+2	78	0	0	4
	NAG HAMADI	00	8	00	0	0	0	—	16.8	-2.2	13.0	24	—	7	—	60	0	0	—
	QENA	01	7	32	1	1	3	1	16.8	-2.0	13.8	25	+2	9	+2	59	0	0	—
	LUXOR	00	7	28	2	0	0	—	17.4	-1.5	14.2	27	+3	7	+2	55	0	0	—
	ASWAN	00	9	32	1	0	0	—	15.6	-3.2	14.9	28	+4	11	+1	59	0	0	
Western Desert	SIWA	03	7	10	1	2	8	5	16.8	-3.7	11.5	22	+2	—	—	82	0	1	6
	BAHARIYA	00	9	00	0	0	0	—	—	—	11.2	20	0	6	+1	73	0	0	5
	KHARGA	00	9	32	1	1	3	1	16.0	-3.4	11.6	25	+2	9	+3	67	0	0	—
	DAKHLA	00	7	28	1	0	0	—	17.0	-3.1	10.0	26	+4	5	0	70	0	0	—
Red Sea	TOR	00	7	04	3	0	0	—	17.8	0.0	16.2	23	+2	10	+1	62	0	0	9
	HURGHADA	01	8	26	1	1	4	8	17.1	-0.6	17.5	23	+1	13	+3	49	0	0	3
	QUSEIR	00	8	28	2	0	0	—	16.7	-0.7	16.3	24	+1	15	+1	56	0	11	4
	PORT SUDAN	01	8	30	3	1	5	6,4	15		24					84	0	17	89
North Sudan	WADI HALFA	01	8	02	1	1	3	1	14		13					47	0	tr.	—
	KAREIMA	00	8	06	2	0	0	—	13		18					46	0	7	1
	ATBARA	00	8	02	2	0	0	—	11		20					64	0	2	2
	KHARTUM	00	8	32	1	0	0	—	11		22					50	0	3	4
	KASSALA	00	8	02	2	0	0	—	8		24					65	0	31	8
Central Sudan	WAD MEDANI	00	8	04	3	0	0	—	9		22					61	0	13	12
	RENK	00	9	28	3	0	0	—	8		22		—		—	38	—	—	49
	ROSEIRES	00	8		1	0	0	—	7		20					49	0	80	36
	EL OBEID	00	9	30	3	0	0	—	11		19					30	0	44	16
	EL FASHER	00	9	30	2	0	0	—	—	—	14					34	0	2	6
	GENEINA								—	—			—		—				4
	KADUGLI	00	8	28	2	0	0	—	10		22		—		—	25	—		89
S. Sudan	MALAKAL	00	8	02	3	1	3	4	9		25					45	0	170	88
	WAU	01	8	00	0	0	3	4	8		22					47	0	113	144
	JUBA	00	7	08	1	0	3	1	9		25					54	0	188	145

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 7 h. m.	MARIUT 7 h. 15 m.	PORT SAID 7 h. 30 m.	HELWAN 09 h. m.	MINYA 7 h. 30 m.	ASYUT 7 h. m.	LUXOR 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. 15 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. 15 m.	KHARTUM 7 h. m.
03 11 45	03 07 60	03 06 45	02 07 35	03 15 05	02 09 10	03 15 15	02 04 15	09 07 30	09 07 30	09 03 25	09 03 30
06 09 45	06 07 65	06 06 30	05 14 10	06 10 10	05 11 10	06 12 20	05 08 25	15 05 15	15 04 45	15 05 30	15 01 15
09 09 60	09 08 65	09 07 25	08 09 05	09 11 10	10 14 10	09 08 25	16 04 25	21 08 10	21 06 30	21 07 20	21 34 15
	12 08 55	15 12 05	10 09 25	15 14 15	15 17 10	12 04 40	15 06 15		27 08 25	24 07 30	24 02 25
			15 02 25	21 00 00	20 26 15	18 34 30	20 06 15		33 07 30	30 07 20	30 11 15
			20 08 15	24 26 10	25 26 30	24 29 20	25 27 05		39 06 30	39 07 25	39 12 15
			23 11 20	27 29 10	30 28 40	30 30 25	30 18 10			51 17 20	
			25 12 15				38 25 15			60 17 10	
			30 28 15								

KASSALA 7 h. m.	PORT SUDAN 7 h. m.	EL OBEID 7 h. m.	EL FASHER h. m.	GENEINA h. m.	MALAKAL 7 h. 30 m.
09 09 20	03 03 30	09 03 45			09 03 40
15 11 30	09 11 20	15 05 40			15 03 15
21 11 15		21 07 15			21 09 05
27 21 05		27 01 30			27 01 05
33 21 15		33 26 20			33 05 05
39 31 05		39 28 10			39 09 10

CYPRUS SYNOPTIC 8h. ON 24th

34700 02990 08615 24110 28002
34907 02894 04426 26110 4?302

UPPER AIR TEMP ALMAZA AT G.M.T. ON

Height feet	P P P m.b.	T T °F	U U %
Surface			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
10000			
12000			
14000			
16000			

WIND FORCE (F)

	K.P.H.	Force
Calm	[illegible]	[illegible]
Almost calm	2-6	[illegible]
Very light	7-12	[illegible]
Light	13-18	[illegible]
Moderate	19-26	[illegible]
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	[illegible]
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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	16
Rain in past hour	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]	[illegible]
Fog in patches	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud; Variable sky; Mainly overcast; Sandstorm, Duststorm 3; Fog, thick dust haze; Drizzle; Rain; Snow, sleet; Showers; Thunderstorm

VISIBILITY (V)

Objects not visible at 50 metres 0; 2; 1 kilometre 3; 10 5; 6; [illegible]

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	1
Cirro-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 P.C.

DAILY WEATHER REPORT

Time of Sunrise 6 h. 27 m. — Sunset 17 h. 26 m. — Month JANUARY 1946 — شهر يناير ١٩٤٦

At 14h. on Thursday 24th — الساعة ١٤ يوم الخميس ٢٤ — At 20h. on

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 8-14 mms	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 14-20 mms	STATION NUMBER
	ww	v	DD	F	W	N	C	PPP	TTT	UU	mms	ww	v	DD	F	W	N	C	PPP	TTT	UU	mms	
MEDITERRANEAN — SALÛM																							130
MATRÛH	01	9	10	3	2	4	8	18.2	17.6	74	0	01		08	3	1	4	8	19.0	15.2	89	0	131
MARIUT	02	7	08	4	2	5	4,5,8	17	19	46	0	00	7	06	3	1	0	—	18	13	67	0	150
ALEXANDRIA	01	9	10	3	2	4	8	16.7	18.4	47	0	00	5	06	2	0	0	—	19.6	13.0	70	0	132
DAMIETTA	14	8	08	5	1	3	4,5	17.6	15.9	62	0	01	8	10	4	1	3	8	18.7	14.2	65	0	158
PORT SAID	14	7	04	4	2	5	1	18.0	16.8	57	0	01	8	04	4	2	4	6	18.7	15.2	66	0	134
EL ARISH	00	7	12	2	0	3	1	18.3	17.1	44	0	00	7	20	1	0	0	—	—	12.2	39	0	135
LOWER EGYPT — DAMANHUR	01	6	08	5	1	4	1	16.4	18.2	58	0	01	6	08	4	1	4	8	17.0	12.0	78	0	136
MANSURA	01	8	04	3	1	4	0	17.4	18.2	54	0	00	6	02	3	1	0	—	18.6	12.6	80	0	137
TANTA	00	8	04	2	1	0	—	16.7	18.9	63	0	00	8	32	1	0	0	—	19.2	11.4	87	0	138
ZAGAZIG	01	6	00	0	1	4	6	17.8	18.2	44	0	01	6	02	1	1	4	6	18.6	13.2	79	0	139
SHEBIN EL KÔM	02	6	06	6	2	5	0	16.2	18.9	46	0	01	7	06	3	1	3	3	18.4	11.6	82	0	—
MIDDLE EGYPT — CAIRO — ALMAZA	01	8	06	3	1	4	1	15.5	21.0	38	0	00	7	06	4	1	0	—	17.3	14.8	43	0	141
EZBEKIYA	01	8	04	4	1	5	3	15.8	21.4	35	0	00	6	32	2	0	0	—	17.5	14.3	49	0	—
GIZA	02	8	04	4	1	5	1	15.6	21.1	36	0	00	6	32	2	0	0	—	17.5	15.1	40	0	—
HELWAN	01	8	04	2	1	5	4	14.3	23.7	26	0	00	7	06	1	0	0	—	16.7	15.9	42	0	143
SUEZ	01	9	02	1	1	4	1	—	21.3	32	0	00	9	04	2	1	0	—	16.3	15.8	56	0	144
UPPER EGYPT — FAIYUM	02	8	30	1	2	6	2	15.0	21.2	40	0	02	8	00	0	2	6	2	16.8	14.7	60	0	158
MINYA	02	8	32	1	2	7	2	14.2	23.9	33	0	01	8	32	1	1	3	2	16.4	17.7	59	0	154
ASYUT	01	7	22	1	1	4	2	14.3	24.0	—	0	01	6	22	1	2	4	5	15.6	17.3	58	0	155
NAG HAMADI	00	8	00	0	0	0	—	13.1	28.8	21	0	00	8	00	0	0	0	—	15.0	16.8	63	0	164
QENA	01	8	12	1	1	3		12.6	23.8	26	0	00	6	24	1	1	0	—	14.3	18.2	55	0	156
LUXOR	00	7	02	2	0	0	—	13.3	27.0	27	0	00	6	28	1	0	0	—	14.0	19.7	50	0	157
ASWAN	02	9	02	2	1	5	1	11.1	31.0	27	0	00	9	00	0	0	0	—	12.8	25.0	22	0	158
WESTERN DESERT — SIWA	00	8	10	1	0	0	—	17.4	21.5	57	0	00	—	00	0	0	0	—	16.6	16.0	59	0	148
BAHARIYA	01	9	32	1	1	4		16.3	17.5	48	0												149
KHARGA	00	9	32	1	0	0	—	15.8	28.8	34	0	00		02	2	0	0	—	14.7	22.3	33	0	151
DAKHLA	00	8	28	1	0	0	—	14.3	26.9	28	0	00	6	29	1	0	0	—	15.1	16.4	37	0	152
RED SEA — TOR	00	7	28	3	0	0	—	—	22.2	64	0	00	7	28	3	0	0	—	—	13.3	67	0	145
HURGHADA	01	8	02	1	2	4	8	—	19.0	38	0	00	9	00	0	0	0	—	15.4	17.2	41	0	146
QUSEIR	00	8	04	2	0	0	—	14.6	22.8	62	0	00	8	32	1	0	0	—	15.4	18.0	51	0	147
PORT SUDAN																							[illegible]
NORTH SUDAN — WADI HALFA	00	8	04	1	1	2	1,2	11	29	09													165
KAREIMA	00	8	06	1	0	0	—	9	31	36													166
ATBARA	00	8	12	1	0	0	—	6	33	26													167
KHARTUM	00	8	28	2	0	0	—	6	32	28													[illegible]
KASSALA	00	8	04	1	0	0	—	2	37	24													170
CENTRAL SUDAN — WAD MEDANI	00	8	32	2	0	0	—	6	34	20													171
RENK	00	9	28	3	0	0	—	—	36	22													182
ROSEIRES	00	8	25	1	0	0	—	5	37	20													172
EL OBEID	00	8	04	3	0	0	—	5	32	21													174
EL FASHER	00	9	04	2	0	0	—	—	32	17													175
GENEINA																							179
KADUGLI	00	8	04	2	0	0	—	5	37	13													187
S. SUDAN — MALAKAL	02	8	32	1	1	7	4,2																176
WAU	00	8	04	3	1	2	4	5	33	16													177
JUBA	01	8	26	2	0	4	8	3	38	21													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 24th

	MATRÛH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
	12				12 45 m.	13 h. 15 m.		13 h. 15 m.	12 h. 45 m.		12 h. 45 m.	12 h. 45 m.	13 h. m.	13 h. 15 m.
	03 10 15				03 34 20	03 09 05		09 09 15	09 05 15		09 07 05	09 06 10	09 01 15	09 05 15
	06 10 15				06 22 05	06 12 20		15 08 15	15 04 20		15 12 05	15 02 15	15 03 15	15 10 05
					09 14 10	09 11 15		21 05 05	21 09 10		21 09 10	21 31 20		21 12 15
					15 18 02	15 15 05		27 16 20	24 09 15		27 08 10	27 32 15		27 07 20
						21 21 05		33 19 20	30 11 30		33 05 05	33 23 05		33 06 20
						27 26 20		39 24 15	39 09 30					
								51 24 30	51 15 20					
								63 25 30	60 19 15					

CODES

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

STATION	Mean of day HUMIDITY on 24th	Diff from normal	WET BULB TEMP on 24th	Diff from normal
Alexandria	62	−4	10.9	−0.5
Ezbekiya	49	−18	10.5	+0.3
Giza	41	−31	10.3	+0.6
Helwân	45	−12	10.7	+1.6

GIZA — GRASS MINIMUM TEMP ON 25th 3.8°

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1946	m.	m.	m.	m.
Jûba					
Nasser		6.07	+0.19	6.12	+0.19
Malakâl		10.99	+0.02	11.04	+0.05
J. Aulia Res.				377.27	
J. Aulia D.S				371.66	−0.12
Roseires	1	12.61	+0.65	12.62	+0.64
Sennar Res.		20.70		20.70	
Khartum		10.66	−0.09	10.68	−0.10
Kh. el Girba	25				
Atbara	2	10.59	+0.08	10.62	+0.09
Kajnarti		133.49	−0.12	133.53	−0.12
Aswân Res.		121.00		121.02	
Aswân D.S		85.79	−0.48	85.79	−0.47
Roda (Cairo)		15.13	+0.02	15.13	+0.41

	SITE	1946	1945
Discharges at Aswan measured by slope m³ per sec	35.1	1273	869
	24.1	1273	869

CAIRO — WATER TEMP RIVER NILE ON 25th AT 9h 14.9

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

At 8h. on FRIDAY 25th — الساعة ٨ يوم الجمعة ٢٥

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	EAR PRESSURE M.S.L. 1000+ mbs.	EAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm °C	MINIMUM Today °C	MINIMUM Diff. from norm °C	% HUMIDITY	RAINFALL Past 24 hrs	RAINFALL Total From Oct. 1	RAINFALL Norm From Oct 1	STATION NUMBER
	ww	v	DD	F	W	N	C	PPP		TTT	MM		mm			mms	mms	mms	
MEDITERRANEAN — SALÛM																			58
MATRÛH	02	9	06	3	1	6	9	20.2	+2.3	15.4	18	0	13	+4	81	0	64	109	131
MARIUT	01	7	04	2	0	4	1	19		13	22	—	10	—	—	77	0	123	100
ALEXANDRIA	01	8	06	3	2	4	4	19.2	+0.7	16.4	20	+2	13	+3	61	0	99	135	132
DAMIETTA	01	8	04	4	1	5	5,3	18.6	+1.1	15.0	17	—	14	—	66	0	35	64	158
PORT SAID	14	7	04	5	2	4	2	18.3	+1.0	15.9	18	−1	14	+3	63	0	32	48	134
EL ARISH	00	7	32	1	0	3	1	19.4	+1.4	9.5	19	0	5	−2	82	0	46	48	135
LOWER EGYPT — DAMANHUR	01	6	04	3	1	3	1	18.6	+0.4	11.0	19	−1	8	+1	83	0	32	58	136
MANSURA	01	8	02	3	1	4	0	18.2	+0.5	13.2	19	−1	11	+4	77	0	12	27	137
TANTA	00	8	04	3	0	0	—	18.6	+0.4	14.8	19	−1	7	+1	80	0	38	21	138
ZAGAZIG	02	6	12	1	1	6	5	17.8	−0.9	14.9	19	−1	8	+2	79	0	3	14	139
SHEBIN EL KÔM	09	7	30	2	0	4	3	—	—	7.7	20	—	6	—	89	0	8	—	—
MIDDLE EGYPT — CAIRO — ALMAZA	05	6	04	2	0	5	2	17.5	−1.2	8.8	21	—	6	—	67	0	2	—	141
EZBEKIYA	09	5	32	2	1	5	3,4,5	17.4	−1.3	10.4	22	+2	8	0	73	0	2	13	—
GIZA	08	4	32	2	4	5	3,4,5	17.5	−1.2	7.8	22	+3	5	0	90	0	13	14	—
HELWAN	02	7	00	0	1	5	1,2,4	15.9	−3.3	15.2	25	+1	9	+1	30	0	2	14	143
SUEZ	02	9	30	2	2	5	1	17.1	−1.1	15.7	24	+4	10	+1	31	0	—	10	144
UPPER EGYPT — FAIYUM	09	5	00	0	2	5	2	16.8	−2.2	9.2	25	+4	6	0	28	0	8	4	158
MINYA	00	8	30	1	0	0	—	15.6		9.6	24	+4	6	0	75	0	42	—	154
ASYUT	01	6	22	1	1	3	2	16.2	−3.8	10.0	26	+6	8	+2	74	0	0	4	155
NAG HAMADI	00	8	00	0	0	0	—	15.6	−3.3	13.3	30	—	7	—	65	0	6	—	164
QENA	00	7	24	1	0	0	—	15.4	−3.6	12.2	27	+4	7	0	53	0	0	—	156
LUXOR	00	7	28	2	0	0	—	15.5	−3.8	12.5	27	+3	9	+4	47	0	0	—	157
ASWAN	00	9	02	1	0	0	—	14.0	−4.8	12.0	32	+8	13	+3	70	0	6		158
WESTERN DESERT — SIWA	00	7	00	0	0	0	—	19.5	−0.9	10.5	23	+3	7	+3	81	0	1	6	148
BAHARIYA	01	9	32	1	1	4	—	—	—	10.6	20	0	6	+1	74	0	6	5	149
KHARGA	00	9	00	0	0	0	—	15.4	−3.9	13.9	30	+7	10	+4	58	0	6	—	151
DAKHLA	00	7	28	1	0	0	—	16.4	−3.6	10.8	28	+6	8	+3	58	0	6	—	152
RED SEA — TOR	00	7	04	3	0	0	—	—	—	14.2	25	+4	9	0	60	0	6	9	145
HURGHADA	00	9	26	1	0	0	—	—	—	17.5	23	+1	13	+3	49	0	0	3	146
QUSEIR	00	8	28	1	0	0	—	14.7	−2.6	19.6	25	+2	17	+3	56	0	11	4	147
PORT SUDAN	01	8	30	1	1	4	6	13		24						0	17	89	[illegible]
NORTH SUDAN — WADI HALFA	00	8	00	0	0	0	—	13		16					52	0	tr	—	165
KAREIMA	00	8	04	2	0	0	—	11		21					50	0	7	1	166
ATBARA	00	8	04	2	0	0	—	8		22					69	0	2	2	167
KHARTUM	00	8	32	3	0	0	—	8		23					50	0	3	4	[illegible]
KASSALA	00	8	32	2	0	0	—	7		24					65	0	31	8	170
CENTRAL SUDAN — WAD MEDANI	00	9	32	2	0	0	—	8		22					44	0	13	12	171
RENK	00	9	32	3	0	0	—	6		23					47	—	—	49	182
ROSEIRES	00	8	30	1	0	0	—	6		20					56	0	80	36	172
EL OBEID	00	9	32	2	0	0	—			21					35	0	44	16	174
EL FASHER	00	9	30	2	0	0	—	—	—	14					39	0	2	6	175
GENEINA	00	9	02	3	0	0	—	—	—	19					17	—	—	4	179
KADUGLI	00	8	28	2	0	0	—	7		33					42	—	—	29	187
S. SUDAN — MALAKAL	01	8	02	2	1	5	4	7		25					42	0	17.0	88	176
WAU	01	7	00	0	1	4	1,2	7		22					47	0	113	144	177
JUBA	02	8	00	0	1	5	2	7		27					45	0	188	145	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	MARIUT	PORT SAID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
7 h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. 30 m.	7 h. m.	7 h. 15 m.	6 h. 30 m.
03 05 40		03 05 45				03 05 10		09 05 20	09 07 00	09 05 45	09 03 20
06 05 40		06 05 40				06 06 20		15 06 25	15 09 30	15 03 25	15 06 20
09 05 30						09 07 20		21 09 20	21 08 20	21 09 25	21 08 25
15 05 25						15 33 05		27 31 05	27 10 30	24 09 25	
						21 27 05		33 33 20	33 09 20	30 08 25	
						33 31 25		39 32 20	39 07 15	39 10 02	
						45 30 40					
						63 27 70					

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. m.	7 h. 30 m.	7 h. m.	7 h. m.	7 h. m.
09 10 10	09 07 25	09 36 15	09 01 20	09 06 30	09 02 40
15 10 25	15 11 30	15 01 15	15 06 40	15 07 25	15 04 20
21 12 30	24 15 20	21 02 30	21 11 05	21 06 30	21 02 15
27 08 30		27 03 50	27 09 20	27 34 30	27 03 20
33 02 60		33 04 70	33 07 20	33 27 05	33 03 20
39 35 40		39 12 20		39 11 20	
		51 11 20		51 12 20	

UPPER AIR TEMP ALMAZA AT 6 G.M.T. ON 25th

HEIGHT FEET	P.P.P. m.b.	T.T. °C
Surface	1007.3	15 41
500	990	54 44
1000	972	55.5 48
1500	954	57 44
2000	937	63 46.5
4000	871	59 45
6000	808	50 39
8000	749	45 36
10000	693	38 27.5
12000	641	32 25
14000	592	25 19
16000	546	18 15

CYPRUS SYNOPTIC 8h. ON 25th

34700 00990 06200 22060 10101 00010

34900 00770 02400 23100 30302 00060

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

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	17
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	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	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 Tenth	1
2, 3 Tenths	2
4, 5, 6 Tenths	3
7, 8 Tenths	4
9 Tenths	5
Over 9 Tenths	6
Overcast	7
Fog or Dust	8

CLOUD FORM (C)

Cirrus	1
Cirro-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 h. 57 m. Month January 1946

DAILY WEATHER REPORT

١٩٤٦ شهر يناير

At 14h. on 25th (الساعة ١٤ يوم ٢٥) and At 20h. on 25th (الساعة ٢٠ يوم ٢٥)

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 8-14 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)	20h Rain 14-20 mms	Station Number
SALÛM																							130
MATRÛH	02	—	06	3	2	6	5	19.2	17.4	76	0	01	—	06	3	2	4	8	21.2	15.4	77	0	131
MARIUT	01	7	05	4	1	4	1	18	18	52	0	00	7	04	2	0	0	—	19	12	76	0	150
ALEXANDRIA	01	9	06	5	2	4	8	18.0	18.7	53	0	00	5	06	3	0	0	—	19.9	—	—	—	132
DAMIETTA	01	8	04	5	1	4	3	17.8	16.8	51	0	00	8	04	3	1	0	—	18.4	14.5	79	0	159
PORT SA'ÎD												14	8	04	5	1	3	2	18.4	15.3	65	0	134
EL 'ARÎSH	00	7	32	2	0	2	1	17.1	16.9	89	0	00	7	32	1	0	0	—	—	11.5	80	0	135
DAMANHÛR	01	6	04	5	1	4	1	18.3	18.0	54	0	00	5	04	3	1	0	—	18.8	10.8	82	0	136
MANSÛRA	01	8	02	3	1	3	1	17.6	19.2	48	0	00	6	02	2	1	0	—	18.6	13.0	77	0	137
TANTA	01	8	04	6	1	3	4	17.2	20.0	60	0	00	6	04	2	1	0	—	19.1	11.0	87	0	138
ZAGAZIG	02	6	02	5	1	5	5	17.8	19.1	47	0	01	6	32	3	1	4	5	18.3	11.4	84	0	139
SHEBÎN EL KÔM	01	8	02	4	1	3	3	16.3	20.4	47	0	00	8	30	3	1	0	—	18.6	12.3	75	0	—
CAIRO ALMAZA	01	7	06	5	1	4	1	15.3	21.0	38	0	00	7	05	5	0	0	—	17.6	14.0	65	0	141
CAIRO EZBEKÎYA	02	7	04	4	1	5	3	15.4	21.7	31	0	00	7	04	4	0	0	—	17.5	13.2	66	0	—
CAIRO GÎZA	02	7	04	5	1	5	3	15.1	21.4	28	0	00	7	02	4	0	0	—	17.5	13.4	63	0	—
HELWÂN	12	5	02	7	1	4	1	14.3	22.2	14	0	18	6	04	7	3	0	—	16.3	14.3	51	0	143
SUEZ	01	9	02	1	1	3	1	15.0	23.2	26	0	00	9	—	2	0	0	—	17.4	15.1	51	0	144
FAIYÛM	02	8	02	2	2	6	2	14.2	23.5	26	0	01	8	30	3	1	4	2	16.4	14.9	50	0	153
MINYA	02	8	30	2	2	6	2	13.8	21.8	39	0	00	8	24	1	1	0	—	16.0	15.4	57	0	154
ASYÛT	01	6	22	1	1	4	2	13.9	22.5	48	0	01	6	22	1	1	3	2	14.8	14.1	72	0	155
NAG HAMÂDI	00	8	32	1	0	0	—	12.6	24.8	46	0	00	8	00	0	0	0	—	—	14.2	—	0	164
QENA	01	8	26	2	0	3	1	11.8	25.8	45	0	01	6	22	2	1	3	—	12.6	17.8	21	0	156
LUXOR	00	7	26	2	0	0	—	12.0	28.0	39	0	00	6	28	2	0	0	—	13.6	17.0	61	0	157
ASWÂN	00	9	00	0	0	0	—	9.6	32.0	25	0	00	9	32	1	0	0	—	11.5	26.0	22	0	158
SÎWA	00	8	08	1	0	0	—	18.3	21.0	61	0	00	—	00	0	0	0	—	18.7	16.5	65	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	19.0	46	0												149
KHÂRGA	00	9	02	4	0	2	3	13.8	26.6	27	0	00	6	32	2	0	0	—	13.4	19.4	35	0	151
DÂKHLA												00	6	28	1	0	0	—	14.4	16.8	40	0	152
TÔR	00	7	28	4	0	0	—	—	21.3	57	0	00	7	28	3	0	0	—	—	15.3	68	0	145
HURGHÂDA	01	8	02	1	2	4	9	—	19.0	38	0	01	8	26	1	1	4	8	—	18.1	44	0	146
QUSEIR	00	8	02	1	0	0	—	14.0	24.6	57	0	00	8	32	1	0	0	—	15.2	18.6	49	0	147
PORT SÛDÂN	01	8	06	3	0	4	8	10	28	84	0												169
WÂDI HALFA	00	9	02	3	0	0	—	9	29	29	0												165
KAREIMA	00	8	06	2	0	0	—	6	33	28	0												166
'ATBARA	00	8	06	2	0	0	—	4	36	17	0												167
KHARTÛM	00	8	32	3	0	0	—	4	34	27	0												168
KASSALA	00	8	02	1	0	0	—	0	39	20	0												170
WAD MEDANI	00	8	32	2	0	0	—	2	37	17	0												171
RENK	00	9	28	3	0	0	—	—	36	27	0												182
ROSEIRES	00	8	28	1	0	0	—	99	38	21	0												172
EL OBEID	00	9	02	2	0	0	—	3.	33	19	0												174
EL FÂSHER	00	9	02	4	0	0	—	—	38	19	0												175
GENEINA																							179
KADUGLI	00	8	04	4	0	0	—	4	37	13	0												187
MALAKÂL	00	8	26	1	0	2	1	3	37	31	0												176
WÂU	02	7	08	2	1	5	2	0	36	20	0												177
JUBA	01	8	30	1	1	5	8	0	39	20	0												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.	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
SALÛM												—		—				59
MATRÛH	02	9	06	3	1	5	9	20.3	+2.4	15.4	18	0	14	+5	77	0	64	110
MARIUT	01	7	05	2	0	3	8	19		14	18	—	10	—	67	0	123	102
ALEXANDRIA	01	9	06	2	2	4	4	19.5	+1.1	15.2	20	+2	12	+2	63	0	99	137
DAMIETTA	00	8	04	3	0	0	—	19.0	+1.6	14.8	17	—	13	—	70	0	35	65
PORT SA'ÎD	14	8	04	4	0	0	—	18.4	+1.1	15.2	19	0	14	+3	66	0	22	48
EL 'ARÎSH	00	7	16	1	0	0	—	18.0	0.0	9.2	19	0	7	0	91	0	46	49
DAMANHÛR	01	5	04	2	1	3	1	19.2	+1.1	11.0	19	-1	9	+2	87	0	32	59
MANSÛRA	01	8	02	1	1	3	0	19.2	+1.6	11.2	20	0	9	+2	85	0	12	28
TANTA	00	8	00	0	0	0	—	19.1	+0.7	10.0	20	0	—	—	92	0	38	21
ZAGAZIG	00	6	01	2	0	2	5	18.4	-0.2	8.8	20	0	7	+1	92	0	3	15
SHEBÎN EL KÔM	00	8	02	2	0	0	—	18.0	-0.5	9.4	21	—	6	—	88	0	8	—
CAIRO ALMAZA	05	6	07	3	0	2	1	18.1	-0.5	10.7	21	—	8	—	87	0	2	—
CAIRO EZBEKÎYA	09	5	02	2	0	3	1	18.4	-0.2	9.3	23	+3	8	0	88	0	2	14
CAIRO GÎZA	08	4	02	2	4	2	1	18.6	0.0	7.5	22	+3	6	+1	93	0	13	15
HELWÂN	00	7	02	2	0	1	4	18.2	-1.0	13.3	23	+4	12	+4	74	0	2	15
SUEZ	00	9	30	2	0	0	—	18.6	+0.5	14.7	26	+6	12	+3	68	0	—	10
FAIYÛM	01	7	02	2	1	3	2	17.2	-1.7	12.2	24	+3	10	+4	76	0	8	4
MINYA	01	8	30	2	1	4	2	16.6	-3.0	10.0	23	+3	7	+1	83	0	4?	—
ASYÛT	01	7	20	1	1	4	5	16.0	-4.0	9.8	23	+3	8	+2	76	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	14.3	-4.6	12.0	25	—	7	—	71	0	0	—
QENA	01	7	26	2	1	3		14.7	-4.0	13.8	27	+4	9	+2	69	0	0	—
LUXOR	00	7	28	2	0	0	—	14.7	-4.0	14.0	29	+5	9	+4	52	0	0	—
ASWÂN	01	9	32	1	1	3	1	12.7	-6.0	17.5	32	+8	15	+5	48	0	0	
SÎWA	00	7	00	0	0	0	—	19.5	-0.9	10.5	22	+2	9	+5	81	0	7	6
BAHARÎYA	00	9	00	0	0	0	—	—	—	11.0	20	0	7	+2	81	0	0	3
KHÂRGA	00	9	04	2	0	0	—	15.2	-4.1	11.9	27	+4	9	+3	63	0	0	—
DÂKHLA	00	7	22	1	0	0	—	15.8	-4.2	13.2	27	+5	8	+3	62	0	0	—
TÔR	00	7	04	3	0	0	—	16.6	-1.1	14.8	23	+2	10	+1	52	0	0	9
HURGHÂDA	00	9	30	5	0	0	—	15.2	-2.4	16.5	23	+1	13	+3	51	0	0	3
QUSEIR	00	8	28	1	0	0	—	13.5	-3.8	19.0	25	+2	15	+1	49	0	11	4
PORT SÛDÂN	00	8	30	2	0	2	6	12		26?					79	0	17	89
WÂDI HALFA	00	8	00	0	0	1	1	12		15					59	0	tr	—
KAREIMA	00	8	04	4	0	0	—	9		23					65	0	7	1
'ATBARA	00	8	04	3	0	0	—	9		21					65	0	2	2
KHARTÛM	00	8	31	3	0	0	—	7		23					50	0	3	4
KASSALA	00	8	00	0	0	0	—	4		25					24	0	31	8
WAD MEDANI	00	8	12	1	0	0	—	7		23					47	0	13	12
RENK	00	8	24	3	0	0	—	—		25		—		—	36	—	—	49
ROSEIRES	00	8	18	1	0	0	—	4		24					47	0	80	36
EL OBEID	00	9	30	3	0	0	—	6		22					38	0	44	16
EL FÂSHER	00	9	32	3	0	0	—	—	—	14					45	0	2	6
GENEINA	00	9	02	3	0	0	—	—	—	19		—		—	17	0	—	4
KADUGLI	00	8	04	3	0	0	—	7		26		—		—	27	—	—	89
MALAKÂL	01	8	04	1	1	4	4	7		27					42	0	170	88
WÂU	02	7	00	0	0	5	2,4	8		23					53	0	113	144
JUBA	01	8	12	1	0	3	1	6		28					40	0	188	145

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 12 h. 30 m.	Mariut	Port Sa'îd	Almaza	Minya 12 h. m.	Luxor 13 h. 15 m.	Hurghâda	Wâdi Halfa 12 h. 45 m.	Kareima 12 h. 45 m.	Khartûm 13 h. m.	Kassala 13 h. m.	El Obeid 12 h. 45 m.	Malakal 13 h. m.	Juba 13 h. 30 m.
03 05 35				03 35 15	03 32 05		09 02 20	09 05 20	09 03 15	09 10 15	09 04 10	09 05 05	09 06 15
06 05 45				06 36 20	06 17 05		15 05 20	15 07 15	15 08 20	15 10 05	15 07 15	15 02 05	15 10 10
09 06 35				09 32 10	09 06 05		21 09 20	21 09 20	21 16 05	21 12 05	21 04 10	21 03 10	21 09 20
12 07 30				15 27 15	12 33 10		27 23 10	24 10 25	28 18 05	27 09 05	27 06 10	27 03 15	33 11 20
				21 27 30	15 31 10		33 26 20	30 11 20			33 09 10		39 12 20
				30 27 45	21 28 15		39 25 20	39 12 30					
					33 30 35								
					39 29 40								
					45 28 50								

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 7 h. m.	Mariut 7 h. m.	Port Sa'îd 9 h. m.	Helwân 8 h. 45 m.	Minya 7 h. m.	Asyût 7 h. m.	Luxor 7 h. m.	Aswân 7 h. m.	Wâdi Halfa 7 h. 30 m.	Abu Hamad 7 h. m.	Kareima 7 h. m.	Khartûm 6 h. 30 m.
03 06 40	03 04 40	03 04 40	02 35 45	03 36 40	02 30 25	03 36 10	02 02 10	10 06 40	10 05 35	10 05 35	10 05 40
06 06 40	06 04 40	06 04 20	05 06 20	06 02 20	05 34 20	06 03 10	05 07 15	15 05 40	15 04 55	15 06 25	15 06 15
10 06 30	10 06 30	10 04 20	08 06 60	10 01 20	10 34 20	10 01 10	10 04 20	20 06 20	20 05 50	20 06 30	20 05 10
	12 05 35	12 02 20	10 04 60	12 02 25	15 31 30	15 33 15	15 03 25	25 36 10	25 05 50	25 08 30	25 01 10
	15 06 25		15 02 35	15 34 20	20 30 40	20 30 25	20 36 10	35 31 15	35 04 30	30 08 05	30 33 15
				20 32 35	25 30 40	25 28 40		40 30 15	40 06 20	40 15 05	40 11 15
					30 30 45						

Kassala 7 h. m.	Port Sûdân 7 h. 15 m.	El Obeid 6 h. 45 m.	El Fâsher h. m.	Geneina 7 h. 15 m.	Malakal 7 h. 15 m.
10 07 20	10 11 05	10 04 15		10 06 35	10 03 35
15 11 15	15 13 30	15 03 15		15 06 25	15 04 30
20 14 30	20 13 40	20 02 20		20 03 10	20 06 10
25 10 15	25 11 25	25 01 25		25 22 10	25 21 15
35 05 15	35 09 15	35 01 35		35 22 10	35 14 25
40 09 15	40 09 15	40 36 40			

Upper Air Temp.

Almâza at 23h GMT on 25th

Height feet	P.P.P m.b.	TT °F	°F
Surface	1008	49	46
500	990	52	47
1000	972	53	48
1500	954	52	41
2000	937	55	39
4000	871	56	43
6000	802	47	36.5
8000	749	46	28
10000	693	41	28
12000	641	35	27
14000	592	27	22
16000	546	20	16

Cyprus Synoptic 8h. on 26th

34700 00990 00000 20085 10403 00020.

34900 00990 28100 21065 20302 00040.

Remarks

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

	1946	45
26-1	1273	869
25-1	1273	869

Mean of day

Station	Humidity on 25th	Diff from normal	Wet bulb temp on 25th	Diff from normal
Alexandria	59	-7	12.5	+1.1
Ezbekiya	63	-3	10.5	+0.3
Giza	69	-3	9.9	+0.2
Helwân	36	-21	9.5	+0.4

GIZA — Grass minimum temp on 26th 4.5°

CAIRO — Water temp River Nile 9h. on 26th 15.0

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26	—	—	—	—
Nâsser				6.07	+0.19
Malakâl		10.93	-0.02	10.99	+0.02
J. Aulia Res		—	—	—	—
J. Aulia D.S		—		—	—
Roseires		12.60	+0.06	12.61	+0.65
Sennar Res.		—	—	20.70	—
Khartum		10.65	-0.07	10.66	-0.09
Kh. el Girba		—	—	—	—
'Atbara		10.57	+0.07	10.59	+0.08
Kajnarti		133.47	-0.11	133.49	-0.12
Aswân Res.		121.02	—	121.00	—
Aswân D.S		85.79	-0.49	85.79	-0.48
Roda (Cairo)		15.11	+0.40	15.10	+0.42

Present Weather (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	90-89
,, 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.

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Annual Subscription P.T. 150

Time of Sunrise 06 47
Sunset 17 27

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1946 — شهر يناير ١٩٤٦

SATURDAY 26th — السبت 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 mms.	At 20h on 26th: Present weather ww	Visibility 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	06	3	2	4	8	19.0	16.8	74	0	02	—	06	3	1	7	9	20.4	15.4	85	0	131
Mariut	00	7	04	4	0	3	1	19	18	52	0	00	7	04	1	0	0	—	21	11	88	0	150
Alexandria	01	9	06	3	2	4	4	18.3	18.2	57	0	00	5	06	2	0	0	—	21.0	14.0	67	0	132
Damietta	00	8	04	5	1	2	3	18.2	16.5	61	0	00	4	04	3	0	0	—	20.4	14.4	70	0	159
Port Saʿîd	00	8	04	4	0	0	—	18.2	17.6	58	0	00	8	04	4	0	0	—	20.6	15.0	64	0	134
El ʿArîsh	00	7	32	2	0	0	—	—	15.9	81	0	00	7	04	3	0	0	—	—	15.1	94	0	135
Lower Egypt																							
Damanhûr	01	6	04	4	1	3	1	17.8	18.8	57	0	00	6	32	3	1	0	—	20.7	11.8	78	0	136
Mansûra	01	8	02	3	1	3	0	17.8	19.5	51	0	00	6	04	2	1	0	—	20.6	12.0	80	0	137
Tanta	01	8	04	4	1	4	4	17.5	19.8	53	0	00	8	04	1	1	0	—	21.4	10.9	59	0	138
Zagazig	00	6	02	5	0	0	—	17.6	19.1	47	0	00	6	02	2	0	0	—	20.4	11.9	80	0	139
Shebîn el Kôm	00	8	06	4	0	1	3	16.6	20.2	49	0	00	8	02	2	0	0	—	17.8	12.3	77	0	—
Middle Egypt																							
Cairo Almaza	00	7	06	5	0	2	1	19.2	19.8	42	0	00	7	06	4	0	0	—	19.2	14.5	53	0	141
Cairo Ezbekîya	00	8	02	4	0	0	—	16.2	21.0	37	0	00	6	02	3	0	0	—	19.6	13.7	74	0	—
Cairo Gîza	00	8	02	4	0	2	1	16.4	20.0	39	0	00	7	32	3	0	0	—	19.8	14.2	65	0	—
Helwân	00	8	02	4	0	0	—	15.6	20.0	32	0	00	7	02	7	0	0	—	18.0	14.3	60	0	143
Suez	10	9	32	2	0	0	—	16.3	20.3	33	0	00	9	30	1	0	0	—	19.6	14.6	58	0	144
Upper Egypt																							
Faiyûm	01	8	02	4	1	3	2	14.8	21.6	31	0	00	8	02	2	0	0	—	17.9	15.7	51	0	153
Minya	02	8	32	3	2	5	2	13.4	21.9	39	0	00	8	32	2	1	0	—	14.8	16.7	56	0	154
Asyût	01	7	22	1	1	4	2	13.1	21.1	48	0	01	6	22	1	1	3	2	14.6	15.3	73	0	155
Nagʿ Hamâdi	00	8	00	0	0	0	—	12.3	22.0	45	0	00	8	00	0	0	0	—	14.0	17.0	70	0	164
Qena	01	8	26	2	1	3	—	11.0	23.8	38	0	00	6	24	1	1	0	—	12.6	17.2	55	0	156
Luxor	00	7	06	2	0	0	—	13.1	27.0	43	0	00	6	28	2	0	0	—	13.6	15.8	52	0	157
Aswân	01	8	32	3	1	4	1	9.6	29.0	43	0	00	9	00	0	0	0	—	11.2	25.0	22	0	158
Western Desert																							
Sîwa	03	7	06	1	2	8	5	18.7	18.0	71	0	00	—	00	0	0	0	—	18.8	17.0	81	0	148
Baharîya	01	9	00	0	1	4	—	—	19.0	38	0	00	—	00	0	0	0	—	—	12.0	76	0	149
Khârga	00	9	32	3	1	3	1	—	25.1	29	0	00	—	30	2	0	0	—	14.0	20.3	34	0	151
Dâkhla	00	8	28	3	0	0	—	—	25.2	32	0	00	6	28	1	0	0	—	14.7	16.5	46	0	152
Red Sea																							
Tôr	00	7	28	3	0	0	—	15.5	20.1	64	0	00	7	28	3	0	0	—	14.2	16.2	68	0	145
Hurghâda	00	9	02	4	0	0	—	—	18.1	48	0	00	9	28	4	0	0	—	15.5	17.1	46	0	146
Quseir	00	8	32	3	0	0	—	12.6	23.6	51	0	00	8	32	1	0	0	—	15.4	17.8	39	0	147
Port Sûdân	01	8	02	3	1	4	6	9	28	66													168
North Sûdân																							
Wâdi Halfa	00	8	02	3	0	1	1	8	29	33													165
Kareima	00	8	06	2	0	0	—	6	34	20													166
ʿAtbara	00	7	04	4	0	0	—	4	35	18													167
Khartûm	00	8	01	3	0	0	—	—	36	15													[illegible]
Kassala	00	8	04	1	0	0	—	0	39	20													170
Central Sûdân																							
Wad Medani	00	8	30	2	0	0	—	7	38	15													171
Renk	00	9	28	3	0	0	—	1	37	20													182
Roseires	00	8	28	1	0	0	—	0	38	15													172
El Obeid	00	9	32	3	0	0	—	2	34	23													174
El Fâsher	00	9	32	3	0	0	—	—	32	17													175
Geneina	00	9	04	2	0	0	—	—	34	06													179
Kadugli																							187
S. Sûdân																							
Malakâl	00	8	20	1	0	0	—	1	38	31													176
Wâu	00	7	06	4	1	2	8	0	38	11													177
Juba	00	8	02	4	0	3	8	99	39	16													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	Mariut	Port Saʿîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
12 h. 15 m.	h. m.	12 h. 45 m.	h. m.	13 h. m.	12 h. 45 m.	h. m.	13 h. 15 m.	h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. 30 m.
03 05 30		03 05 30		03 36 40	03 01 10		09 06 25		09 02 25	09 24 05	09 04 15	09 02 05	09 08 25
06 06 30		06 05 25		06 03 35	06 34 05		15 07 30		15 01 15	15 05 10	15 04 15	15 01 05	15 10 15
09 06 30		09 04 30		09 05 40	09 34 10		21 06 20		21 32 10	21 10 15	21 03 10	21 10 10	21 12 20
		15 01 25		15 09 35	15 33 20		27 35 02		24 33 10		27 07 05	27 09 15	27 12 20
		21 15 15		21 32 50	21 32 35		33 28 10		30 34 10		33 15 05	33 36 10	33 11 25
				30 33 65	27 30 —		39 27 05		39 10 20				39 10 30
				45 30 90			51 34 05						51 11 45
				51 30 70									

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	61	-5	12.1	+0.8
Ezbekîya	74	+8	11.1	+0.8
Gîza	72	0	10.3	+0.6
Helwân	63	+6	11.2	+2.1

GÎZA — Grass minimum temp. on 27th 10.4°

CAIRO — Water temp. River Nile at 9h. on 27th 14.9°

Discharges at Aswân measured by sluices in cubic metres per sec.

Date		
27th	1273	869
26th	1273	869

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27th	—	—		
Nâsser		—	—	6.02	+0.19
Malakâl		10.87	-0.05	10.93	-0.02
J. Aulia Res.		—	—	—	—
J. Aulia D.S.		—	—	—	—
Roseires		12.56	+0.65	12.60	+0.66
Sennar Res.		—	—	20.70	—
Khartûm		10.63	-0.07	10.85	-0.07
Kh. el Girba		—	—	—	—
Atbara		10.54	+0.05	10.57	+0.07
Kajnarti		133.44	-0.12	133.47	-0.11
Aswân Res.		121.00	—	121.00	—
Aswân D.S.		85.79	-0.51	85.79	-0.49
Roda (Cairo)		16.11	+0.39	15.11	+0.40

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

SUNDAY 27th — الأحد ٢٧

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry bulb °C TTT	Maximum Yesterday °C	Diff. from norm	Minimum Today °C	Diff. from norm	% Humidity UU	Rain Past 24 hrs. mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
Mediterranean																		
Salûm												—		—				60
Matrûh	02	9	10	3	2	7	9	19.4	+1.5	14.6	18	0	13	+4	86	0	64	112
Mariut	02	7	06	3	2	7	5	21		14	19	—	11	—	55	0	123	108
Alexandria	03	8	06	2	2	8	6	20.7	+2.3	14.0	20	+2	12	+2	61	0	99	129
Damietta	02	8	06	3	1	6	6	21.4	+4.1	14.5	17	—	12	—	61	0	35	66
Port Saʿîd	13	7	04	4	2	8	9	21.8	+4.6	15.0	19	0	14	+3	60	0	32	49
El ʿArîsh	02	7	04	2	1	5	3	20.6	+2.7	10.8	18	-1	8	+1	56	0	46	49
Lower Egypt																		
Damanhûr	03	5	04	3	2	8	5	21.0	+3.0	12.3	19	-1	10	+3	77	0	32	60
Mansûra	03	6	04	1	2	8	9	20.7	+3.1	12.2	20	0	11	+4	76	0	12	28
Tanta	03	6	00	0	2	8	7	21.4	+3.1	11.5	21	+1	9	+3	89	0	38	22
Zagazig	12	6	02	3	2	6	7	21.2	+2.6	11.7	20	0	8	+2	81	0	3	15
Shebîn el Kôm	02	8	04	2	2	6	9	19.5	+1.1	12.1	21	—	8	—	78	0	8	
Middle Egypt																		
Cairo Almaza	02	7	04	3	1	5	5	19.8	+1.3	12.6	20	—	12	—	64	0	2	—
Cairo Ezbekîya	05	6	02	4	2	6	5	19.2	+0.7	13.0	22	+2	12	+4	72	0	2	14
Cairo Gîza	05	6	02	4	2	7	5	18.8	+0.3	13.3	20	+1	12	+7	67	0	13	15
Helwân	02	7	32	5	2	7	4	18.3	-0.9	13.3	21	+2	12	+4	56	0	2	15
Suez	01	7	30	2	1	5	1	19.9	+1.8	14.7	21	+1	12	+3	49	0	—	10
Upper Egypt																		
Faiyûm	02	8	32	2	2	6	6	17.4	-1.1	12.2	22	+1	11	+5	55	0	8	4
Minya	02	8	30	2	2	7	2	16.6	-2.9	11.2	23	+3	7	+1	48	0	dr.	—
Asyût	01	6	22	1	1	4	2	16.6	-2.4	10.8	23	+2	8	+2	77	0	0	4
Nagʿ Hamâdi	00	8	00	0	0	0	—	16.0	-2.8	14.8	23	—	7	—	57	0	0	
Qena	01	7	24	1	0	4	1	15.9	-2.7	11.9	26	+3	8	+1	77	0	0	—
Luxor	00	7	28	2	0	0	—	15.2	-2.4	16.0	28	+4	8	+3	50	0	0	—
Aswân	00	9	02	3	0	0	—	14.7	-4.0	18.0	30	+6	10	+4	44	0	0	—
Western Desert																		
Sîwa	00	7	00	0	1	0	—	19.1	-1.2	13.0	19	-1	11	+7	83	0	1	6
Baharîya	01	9	32	1	1	4	—	—	—	10.0	20	0	—	—	74	0	0	5
Khârga	00	9	02	2	0	8	2	15.4	-3.8	13.9	26	+3	11	+5	49	0	0	—
Dâkhla	00	7	28	1	0	0	—	16.2	-2.7	11.4	27	+5	10	+5	61	0	0	—
Red Sea																		
Tôr	00	7	04	3	0	0	—	16.4	-1.3	16.3	20	-1	11	+2	45	0	0	9
Hurghâda	01	8	30	3	1	4	9	—	—	16.1	20	-2	12	+2	45	0	0	3
Quseir	00	8	22	1	0	0	—	15.5	-1.7	19.6	25	+2	16	+2	33	0	11	4
Port Sûdân	01	8	30	2	1	4	6	13		25					79	0	17	89
North Sûdân																		
Wâdi Halfa	00	8	00	0	0	0	—	12		17					39	0	14	—
Kareima	00	8	04	1	0	0	—	11		21					44	0	7	1
ʿAtbara	00	8	32	3	0	0	—	10		21					65	0	2	2
Khartûm	00	8	30	2	0	0	—	8		23					44	0	3	4
Kassala	00	8	00	0	0	0	—	7		23					69	0	31	8
Central Sûdân																		
Wad Medani	00	9	04	3	0	0	—	7		23					47	0	13	12
Renk	00	9	28	3	0	0	—	5		25		—		—	36	—	—	49
Roseires	00	8	28	1	0	0	—	4		27					33	0	80	36
El Obeid	00	9	30	3	0	0	—	7		23					27	0	44	16
El Fâsher	00	9	26	1	0	2	1	—	—	18					37	0	2	6
Geneina	01	8	04	2	1	4	—	—	—	17		—		—	37	—	—	4
Kadugli	01	8	28	3	1	4	1	9		23		—		—	34	—	—	89
S. Sûdân																		
Malakâl	01	8	00	0	1	4	4	6		27					52	0	170	88
Wâu	01	8	00	0	0	3	4	4		27					42	0	113	144
Juba	01	8	28	1	0	3	1	5		31					28	0	188	145

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 Saʿîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. m.	7 h. 30 m.	7 h. 30 m.	9 h. m.	7 h. 30 m.	7 h. m.	6 h. 15 m.	7 h. m.	7 h. 15 m.	6 h. m.	7 h. 15 m.	h. m.
03 11 50	03 11 40	03 07 45	02 05 95	03 03 20	02 29 10	03 04 15	02 04 15	09 08 30	09 06 45	09 05 40	
06 10 60	06 10 65	06 07 45	05 06 65	06 15 05	05 34 20	06 07 20	05 11 30	15 11 30	15 06 40	15 05 30	
09 10 60	09 11 50	09 07 45	08 08 30	09 07 15	10 02 35	09 09 30	10 09 20	21 09 20	21 05 30	21 03 15	
15 10 35	Ent. SC.	12 07 40	10 06 15	12 06 25	15 02 40	15 13 65	15 06 30	27 25 10	27 04 15	24 03 20	
			15 02 35	15 05 35	20 01 45	21 12 65	20 11 10	33 26 15	33 03 15	30 04 15	
			20 35 70	18 01 30	25 01 40		25 10 05	39 27 20	39 33 10	39 05 15	
			23 32 60	21 33 20	30 36 40		30 26 10		51 23 05		
							35 29 20		60 22 15		
							40 26 30				

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 30 m.	7 h. 15 m.	6 h. 30 m.	h. m.	7 h. m.	7 h. m.
09 05 05	03 04 25	09 04 25		09 07 30	09 02 25
15 06 15	06 06 25	15 03 10		15 08 20	15 01 20
21 03 30		21 08 10		21 07 20	21 01 15
27 01 20		27 06 20		27 02 05	27 04 15
33 36 20		33 06 10		33 22 05	33 07 20
39 27 15		39 05 10		39 20 20	39 12 30
48 23 15				51 15 50	
				60 15 30	

Upper Air Temp. Almâza at 5h. G.M.T. on 27th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1008	53	48
500	990	52	47
1000	972	51	45
1500	954	50	45
2000	937	53	40
4000	871	55	38
6000	808	55	44
8000	749	49	39
10000	693	40	32
12000	641	31	27
14000	592	25	21
16000	546	16	14

Cyprus Synoptic 8h. on 27th
34710 02871 06528 25095 17107 00040.
34950 01863 00000 25080 21004 00050.

PRESENT WEATHER (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	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick haze	40-48
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	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

DAILY WEATHER REPORT

Time of Sunrise [illegible] h. m.
Sunset 17 28

Month JANUARY 1946 — شهر يناير ١٩٤٦

At 14h. on SUNDAY 27th (الساعة ١٤ يوم ٢٧) — At 20h. on 27th (الساعة ٢٠ يوم ٢٧ الأحد)

Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	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)	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																							
SALUM																							130
MATRUH	05	6	10	6	2	7	9	15.0	16.4	60	dr.	03	—	10	4	5	7	8	16.2	15.4	70	dr.	131
MARIUT	05	6	07	2	8	8	6,5	18	16	49	dr.	02	7	05	4	5	7	4,5,2	16	12	63	dr.	150
ALEXANDRIA	03	8	06	4	5	8	5	17.9	15.4	56	dr.	01	5	10	3	5	4	4	17.1	12.0	66	dr.	132
DAMIETTA	02	8	04	5	2	7	4,5,6	19.2	14.6	56	0	02	8	10	5	2	6	6,4,5	17.0	13.0	66	0	159
PORT SAID	13	6	06	5	2	8	9,8,6	19.8	14.3	57	0	14	7	06	4	5	8	5	19.0	14.1	50	dr.	134
EL ARISH	02	7	04	5	1	5	3	19.5	14.6	47	0	00	7	04	5	0	3	3	16.0	11.6	68	0	135
Lower Egypt																							
DAMANHUR	02	6	04	5	5	7	5	17.4	14.0	69	dr.	00	8	04	5	2	0	—	16.0	11.8	76	0	136
MANSURA	03	7	04	3	2	8	9	18.6	14.5	55	0	00	6	08	3	1	0	—	16.7	11.7	68	0°	137
TANTA	03	7	04	6	2	5	7	17.8	14.8	65	0	01	7	04	3	2	5	8	16.6	11.8	90	0	138
ZAGAZIG	13	6	04	5	2	6	7	18.6	14.2	63	0	18	6	04	6		4	7	16.2	11.9	80	0	139
SHEBIN EL KOM	21	8	10	4	5	8	9	17.8	14.2	67	dr.	14	7	06	6	3	8	9	—	11.2	66	0	—
Middle Egypt																							
CAIRO ALMAZA	05	6	06	6	2	5	6,4,2	16.6	17.0	30	0	05	6	07	4	3	8	5	16.8	13.6	38	0	141
CAIRO EZBEKIYA	18	5	06	5	2	4	5	16.4	17.9	39	0	18	6	04	5	2	4	5,4	15.1	13.6	48	0	—
CAIRO GIZA	18	5	06	5	2	4	5,2	16.2	17.0	37	0	18	6	02	5	3	4	5,4	14.6	13.6	39	0	—
HELWAN	02	6	06	7	3	5	4,5	15.0	17.1	29	0	03	6	04	7	2	8	5	14.2	14.0	32	0	143
SUEZ	13	7	30	2	2	8	5	18.6	16.8	66	0	02	9	30	1	2	6	5	17.4	14.3	84	0	144
Upper Egypt																							
FAIYUM	02	7	02	4	2	7	5	15.1	19.0	36	0	02	8	02	2	2	7	5	14.2	14.7	45	0	153
MINYA	02	8	02	2	2	6	2	14.5	23.0	26	0	02	8	30	1	2	7	2	13.4	16.9	60	0	154
ASYUT	01	7	22	1	1	4	5	14.2	22.5	37	0	01	6	22	1	1	3	5	14.2	16.0	50	0	155
NAG HAMADI	00	8	28	1	0	0	—	13.2	23.5	40	0	00	8	00	0	0	0	—	—	17.0	67	0	164
QENA	00	8	28	1	1	0	—	12.3	26.2	—	0	00	6	24	1	1	0	—	13.9	18.2	57	0	156
LUXOR	00	7	30	2	0	0	—	13.0	27.5	28	0	00	6	28	1	0	0	—	13.9	16.8	44	0	157
ASWAN	00	9	10	1	0	0	—	9.6	27.0	28	0	00	9	32	3	0	0	—	12.0	24.0	33	0	158
Western Desert																							
SIWA	03	7	10	2	2	8	5	12.6	17.0	80	0	00	·	00	0	0	0	—	—	16.5	65	0	148
BAHARIYA	00	9	00	0	0	0	—	14.6	19.4	43	0	01		00	0	1	4	—	—	11.0	75	0	149
KHARGA	00	9	32	1	0	2	2	13.4	26.6	27	0	00	·	02	3	0	2	2	13.8	21.6	32	0	151
DAKHLA	00	8	28	2	0	0	—	12.4	28.2	20	0	00	6	28	1	0	0	—	13.6	17.8	35	0	152
Red Sea																							
TOR	00	7	28	3	0	0	—	14.8	21.2	42	0	00	7	28	2	0	0	—	15.5	16.5	62	c	145
HURGHADA	01	8	02	3	1	4	9	—	18.1	44	0	00	9	26	2	0	0	—	15.5	17.5	48	0	146
QUSEIR	00	8	32	3	0	0	—	13.9	22.8	52	0	00	8	28	1	0	0	—	14.8	20.0	57	0	147
PORT SUDAN	01	8	30	3	1	4	8	11	28	66													169
North Sudan																							
WADI HALFA	00	8	02	3	0	0	—	8	31	24													165
KAREIMA	00	8	06	2	0	0	—	6	33	21													166
ATBARA	00	7	02	3	0	0	—	6	34	20													167
KHARTUM	01	8	32	3	0	4	2	3	36	17													169
KASSALA	00	8	04	3	0	0	—	0	37	27													170
Central Sudan																							
WAD MEDANI	00	8	04	3	0	0	—	1	37	17													171
RENK	00	9	28	3	0	0	—	—	38	18													182
ROSEIRES	00	8	25	2	0	0	—	0	40	14													172
EL OBEID	00	8	04	4	0	0	—	—	37	13													174
EL FASHER	02	8	30	2	1	5	2	—	35	13													175
GENEINA	01	9	10	2	1	5	1	—	37	06													179
KADUGLI	01	8	04	3	1	4	2	3	38	14													187
S. Sudan																							
MALAKAL	00	8	02	1	1	3	1	—	39	26													176
WAU																							177
JUBA	02	8	30	3	1	5	2,1	0	39	20													178

At 8h. on MONDAY 28th (الساعة ٨ يوم ٢٨ الاثنين)

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	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												—		—				60
MATRÛH	00	4	00	0	2	3	8	14.3	-3.5	10.2	17	-1	8	-1	76	dr	64	113
MARIUT	02	7	10	3	2	6	6	13		12			11		56	0	123	104
ALEXANDRIA	02	8	14	3	2	6	4,5	12.2	-6.2	12.0	16	+2	11	+1	56	dr	99	141
DAMIETTA	02	8	04	4	2	6	6	14.6	-2.7	14.6	16	—	12	—	54	0	35	67
PORT SA'ÎD	18	6	12	7	3	5	9	14.3	-2.9	13.9	16	-3	13	+2	55	dr	32	90
EL 'ARÎSH	06	4	12	5	1	6	8	15.8	-2.1	11.8	15	-4	9	+2	44	0	46	60
Lower Egypt																		
DAMANHÛR	02	6	08	4	2	5	4	12.7	-5.3	11.8	15	-5	9	+2	65	dr	32	60
MANSÛRA	03	6	04	2	2	8	9	14.2	-3.8	11.2	17	-3	9	+2	71	0	12	29
ṬANṬA	02	7	08	3	2	7	7	13.9	-4.3	10.6	15	-6	7	+1	69	0	38	22
ZAGAZIG	02	6	02	3	1	6	6	14.7	-3.8	9.9	16	-6	8	+2	62	0	3	15
SHEBÎN EL KÔM	50	8	06	3	2	5	9	13.8	-4.8	9.4	15	—	8	—	61	dr	8	
Middle Egypt																		
CAIRO ALMAZA	58	4	20	1	1	5	4,5	13.8	-4.7	9.1	17	—	5	—	55	0	2	—
CAIRO EZBEKÎYA	56	5	00	0	5	6	9	13.1	-5.4	9.8	19	-1	8	6	6[illegible]	dr	2	14
CAIRO GÎZA	52	5	01	0	5	6	7	13.4	-5.0	9.8	17	-2	6	+1	64	dr	13	15
ḤELWÂN	13	8	04	1	2	6	4	14.0	-5.1	12.1	18	-1	8	0	41	0	2	15
SUEZ	02	9	00	0	1	6	5	14.2	-3.8	12.4	19	-1	9	0	54	0	—	10
Upper Egypt																		
FAIYÛM	69	5	32	2	1	7	5	14.8	-5.0	10.9	20	-1	8	+2	63	0	8	4
MINYA	02	8	16	1	2	7	4	14.0	-5.4	11.4	23	+0	8	+2	79	0	dr	—
ASYÛT	01	6	22	1	2	5	5	14.4	-5.5	14.0	25	+4	8	+2	67	0	0	4
NAG' ḤAMÂDI	03	6	00	0	1	3	5	12.7	-6.0	15.0	25	—	10	—	66	0	0	
QENA	01	7	26	2	0	4	3	14.8	-6.8	16.6	28	+5	9	+2	56	0	0	—
LUXOR	00	7	28	2	0	0	—	13.9	-4.7	16.0	30	+6	11	+3	34	0	0	—
ASWÂN	01	9	16	1	1	3	4	11.4	-7.3	19.0	30	+6	10	+3	54	0	0	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	17.0	-3.8	8.0	21	+1	7	+3	86	0	1	6
BAḤARÎYA	01	9	00	0	1	4	—	15.8	-2.7	10.0	20	-1	6	+1	74	0	0	5
KHÂRGA	02	9	30	1	2	5	4	14.2	-5.0	15.4	27	+4	12	+6	45	0	0	—
DÂKHLA	00	7	24	1	0	0	—	14.6	-5.3	16.4	30	+8	11	+6	42	0	0	—
Red Sea																		
ṬÔR	01	7	12	3	0	3	5	15.6	-2.1	18.1	21	0	13	+4	45	0	0	9
HURGHÂDA	03	6	26	1	2	8	0	—	—	16.5	22	0	13	+3	51	0	0	3
QUSEIR	00	8	26	1	0	0	—	13.5	-3.6	19.2	25	+2	13	-1	47	0	4	4
PORT SÛDÂN	01	8	30	3	1	5	6	14		24					84	0	17	90
North Sûdân																		
WÂDI ḤALFA	00	8	00	0	0	0	—	12		17					49	0	[illegible]	—
KAREIMA	00	8	06	1	0	0	—	11		21					44	0	7	1
'ATBARA	00	8	02	3	0	0	—	10		21					65	0	2	2
KHARTÛM	00	5	32	1	0	0	—	10		22					41	0	3	4
KASSALA	00	8	04	3	0	0	—	8		24					69	0	31	8
Central Sûdân																		
WAD MEDANI	00	7	04	3	0	0	—	8		23					61	0	13	12
RENK	00	9	32	3	0	0	—	5		28		—		—	29	—	—	49
ROSEIRES	00	8	30	1	0	0	—	6		26					35	0	80	86
EL OBEID	00	9	32	3	0	0	—	8		24					28	0	44	16
EL FÂSHER	00	9	32	2	0	0	—	—	—	17					27	0	2	6
GENEINA	00	9	06	1	0	2	1	—	—	21		—		—	20	0	—	4
KADUGLI	01	8	20	3	1	4	2	8		26					21	—	—	89
S. Sûdân																		
MALAKÂL	00	8	04	1	0	0	—	7		28					—	0	170	88
WÂU																0	113	144
JUBA	01	8	00	0	1	5		7		26					51	0	188	145

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 SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
12 h. m.	13 h. 15 m.	h. m.	h. m.	12 h. 30 m.	13 h. m.	h. m.	13 h. 15 m.	11 h. 15 m.	13 h. m.	12 h. m.	12 h. 30 m.	13 h. m.	h. m.
03 12 45	03 08 80			02 01 20	03 36 15		09 27 10	09 06 30	09 02 20	09 26 15	09 01 10	09 05 05	
06 11 50	06 08 50			06 05 25	06 05 15		15 07 30	15 04 15	15 01 15	15 04 10	15 02 30	15 08 10	
09 11 50	09 07 65			09 04 20	09 07 10		21 04 30	21 03 15	21 34 10	21 35 05	21 01 20	21 05 05	
12 13 30	12 09 30			12 05 25	15 06 30		27 26 10	24 05 15	24 31 10	27 05 15	27 01 10	27 05 05	
				15 07 25	18 06 30		33 01 15	30 02 10	30 01 10	33 05 30	33 18 15		
				18 04 40	24 04 20		39 29 15	39 26 10	39 05 15	39 34 20	39 19 40		
				21 05 25									
				24 05 20									

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	MARIÛT	PORT SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. 30 m.	h. m.	9 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	7 h. m.
	03 10 65		02 13 10		02 28 15	03 28 15	02 16 10	10 21 15	10 08 35	10 04 15	10 03 30
			05 20 10		05 32 25	05 29 20	05 15 50	15 21 05	15 05 20	15 05 15	15 01 30
			08 22 35		10 18 40	10 30 25	10 14 50	20 16 20	20 04 25	20 03 20	20 01 20
			10 20 35		15 20 50	12 32 35		25 16 15	25 36 20	25 35 15	25 02 20
			15 22 65		20 19 30	20 34 20		35 24 15	35 35 25	27 33 15	30 02 10
			20 21 75		25 25 35	25 03 25		40 27 35	40 33 40	30 33 15	40 19 15
			23 21 90		30 24 30	30 02 15				40 31 20	
			25 21 60								
			27 22 80								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	h. m.
10 06 15	10 07 25	10 03 45	10 06 15	10 05 30	
15 09 10	15 12 20	15 02 45	15 08 30	15 11 20	
20 03 10	20 14 15	20 02 30	20 08 30	20 17 25	
25 03 10	25 15 25	25 10 10	25 09 20	25 33 05	
35 07 15		35 35 15	35 08 30	35 25 10	
40 10 15		40 24 05	40 06 15	40 23 05	

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON 27th

HEIGHT (feet)	P.P.P (m.b.)	TT (°F)	tt (°F)
Surface	1004.2	51	43
500	986	54	43
1000	968.3	60	44
1500	950.9	66	49
2000	973.8	68	49
4000	867.1	62	48
6000	804.6	57	44
8000	745.8	49	38
10000	690.5	41	35
12000	638.6	31	24
14000	589.9	21	20
16000	566.7	13	11

CYPRUS SYNOPTIC 8h. ON 28th

34750 21967 06658 20120 30208.
34960 [illegible] 04487 23120 40101.

Remarks

Hours are Egyptian standard time, long. 30°E. and are two hours in advance of Greenwich mean time.

Station	Mean of day: Humidity on 27th	Diff. from normal	Wet bulb temp. on 27th	Diff. from normal
Alexandria	59	-7	10.1	-1.2
Ezbekiya	53	-13	10.2	-0.1
Giza	46	-25	9.5	-0.3
Helwân	40	-17	8.7	-0.4

GIZA — Grass minimum temp. on 28th 5.1°

CAIRO — Water temp. River Nile at 8h. on 28th 14.7°

Discharges at Aswan measured by millions m³ per sec.	1946	1945
28-1	1273	826
27-1	1273	869

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	—	—
Nâsser		—	—	5.78	+0.19
Malakâl		10.82	-0.07	10.87	-0.06
J. Aulia Res.		—	—	377.30	—
J. Aulia D.S		—	—	371.63	-0.08
Roseires		12.56	+0.63	12.68	+0.65
Sennar Res.		—	—	20.70	—
Khartum		10.64	-0.03	10.63	-0.07
Kh. el Girba		—	—	—	—
Atbara		10.52	+0.04	10.50	+0.05
Kajnarti		123.41	-0.12	123.40	-0.12
Aswân Res.		120.97	—	121.00	—
Aswân D.S		85.17	-0.04	85.29	-0.51
Roda (Cairo)		15.11	+0.27	15.11	+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
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)

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

VISIBILITY (V)

- Objects not visible at 50 metres 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 h. 17 m. 29

Month January 1946

DAILY WEATHER REPORT

شهر يناير ١٩٤٦

At 14h. on Monday 28th / At 20h. on الاثنين ٢٨

Station	ww 14h	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14 h. mms	ww 20h	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN																							
Salûm																							130
Matrûh	00	9	28	2	0	0	—	12.3	16.0	69	0	00	8	00	0	0	0	—	14.3	13.0	95	0	131
Mariut	05	6	26	1	0	0	—	11	18	37	0	05	6	29	2	0	3	6	11	16	59	0	150
Alexandria	00	9	22	2	0	0	—	10.0	17.7	38	0	01	5	04	1	2	4	8	12.0	16.0	63	0	132
Damietta	00	8	08	3	1	2	4	9.9	17.7	53	0	04	5	20	1	0	0	—	9.9	12.0	85	0	159
Port Saîd	01	7	10	4	1	3	1	9.5	17.6	54	0	00	8	02	2	0	0	—	10.0	15.0	66	0	134
El 'Arîsh	05	4	12	5	1	7	7	13.2	17.6	34	0	00	7	00	0	0	0	—	11.1	15.9	—	0	135
LOWER EGYPT																							
Damanhûr	00	7	24	3	1	0	—	9.8	20.7	42	0	00	6	24	2	0	0	—	11.0	11.4	83	0	136
Mansûra	00	8	16	1	1	0	—	9.8	21.8	39	0	00	6	08	2	0	0	—	11.4	12.6	70	0	137
Tanta	00	8	20	1	1	0	—	9.8	21.3	54	0	00	8	24	1	0	0	—	11.9	14.1	87	0	138
Zagazig	00	6	22	1	0	2	5	9.4	21.6	48	0	00	6	28	2	0	0	—	12.2	11.2	75	0	139
Shebîn el Kôm	00	9	20	3	0	0	—	9.2	24.4	39	0	00	8	20	2	0	0	—	11.5	12.6	63	0	—
MIDDLE EGYPT																							
Cairo: Almaza	05	6	18	4	2	0	—	8.7	25.2	17	0	05	6	29	2	0	2	1	12.4	16.1	42	0	141
Cairo: Ezbekîya	00	7	18	4	0	0	—	9.4	26.0	22	0	00	7	00	0	0	0	—	12.6	15.1	57	0	—
Cairo: Gîza	00	8	20	4	1	0	—	9.5	26.2	22	0	00	6	00	0	0	0	—	12.3	14.0	53	0	—
Helwân	00	8	20	4	9	1	1	9.2	23.6	21	dr.	00	7	28	3	0	0	—	11.9	17.0	32	0	143
Suez	01	9	16	1	1	4	3	11.0	19.6	48	0	00	9	00	0	0	0	—	11.4	16.9	69	0	144
UPPER EGYPT																							
Faiyûm	01	8	22	2	1	3	4	10.3	24.8	33	0	01	8	30	1	1	3	4	12.3	16.0	42	0	153
Minya	01	8	14	1	1	4	4	9.4	28.0	27	0	00	8	30	1	1	0	—	11.8	17.8	41	0	154
Asyût	01	7	12	1	1	4	5	10.6	24.8	42	0	01	6	22	1	1	3	5	11.8	17.8	64	0	155
Nag Hamâdi	02	8	24	1	2	5	5	11.4	23.9	33	0	01	8	00	0	1	4	5	11.1	16.9	69	0	164
Qena	01	8	22	2	1	4	1	10.3	24.8	43	0	01	6	24	1	1	4	3	10.6	18.4	63	0	156
Luxor	02	7	14	2	2	5		11.1	29.0	34	0	00	6	28	1	0	0	—	10.4	17.8	46	0	157
Aswân	01	9	00	0	1	3	1	9.5	29.0	34	0	00	9	32	1	0	0	—	10.3	24.0	39	0	158
WESTERN DESERT																							
Sîwa	00	8	26	1	0	0	—	13.5	20.0	25	0	00	—	00	0	0	0	—	14.2	12.0	65	0	148
Baharîya	00	9	00	0	0	0	—	13.1	20.0	40	0	00	—	32	1	0	0	—	—	12.0	76	0	149
Khârga	01	9	22	1	1	4	3	11.6	24.4	22	0	03	9	04	1	2	8	3	11.1	—	—	0	151
Dâkhla	00	8	28	3	0	0	—	11.1	26.5	21	0	00	6	28	2	0	0	—	—	16.2	35	0	152
RED SEA																							
Tôr	00	7	00	0	0	0	—	12.7	23.3	55	0	00	7	28	3	0	0	—	11.4	18.8	67	0	145
Hurghâda	01	8	02	3	1	4	9	—	22.5	—	0	01	8	28	2	1	4	8	10.4?	17.0	47	0	146
Quseir	03	8	04	2	2	8	4	12.0	24.8	65	0	01	8	04	1	1	4	3	—	18.8	39	0	147
Port Sûdân	01	8	06	3	1	3	8	11	27	70	0												288
NORTH SÛDÂN																							
Wâdi Halfa	00	8	20	1	0	0	—	7	35	25	0												165
Kareima	00	8	08	2	0	0	—	6	34	25	0												166
'Atbara	00	8	06	3	0	0	—	6	34	20	0												167
Khartûm	00	8	32	4	0	0	—	7	35	18	0												287
Kassala	00	8	02	3	0	0	—	1	36	29	0												170
CENTRAL SÛDÂN																							
Wad Medani	00	8	32	3	0	0	—	2	35	27	0												171
Renk	00	9	28	3	0	0	—	0	35	18	0												182
Roseires	00	8	25	2	0	0	—	0	42	11	0												172
El Obeid	00	8	04	3	0	0	—	2	36	13	0												174
El Fâsher	00	9	02	4	0	0	—	—	36	15	0												175
Geneina																							179
Kadugli	00	8	04	4	1	3	1	2	39	11	0												187
S. SÛDÂN																							
Malakâl	00	8	04	1	0	0	—	2	38	25	0												176
Wâu	03	8	00	0	2	8	6	2	34	32	0												177
Juba	02	8	28	3	1	6	4,8	2	38	25	0												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 Saîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
12 h. 15 m.		13 h. 30 m.		13 h.	13 h.		12 h. 45 m.	12 h. 45 m.		13 h.	13 h.	13 h.	13 h.
03 31 25		03 15 40		03 21 20	03 30 10		10 19 10	09 07 20		10 02 15	10 03 20	10 03 10	10 04 15
06 35 05		06 21 30		06 24 30	06 30 10		15 21 10	15 05 15		15 08 10	15 02 20	15 05 05	15 05 20
10 36 05		10 20 40		10 26 25	10 18 10		20 19 20	21 04 15		20 11 10	20 01 25		20 05 35
15 23 25				15 25 20	15 22 20		25 23 15	24 01 15		25 10 30	25 01 20		30 03 20
20 24 30				20 24 25	20 23 20		35 21 20	30 31 25		35 13 25			40 05 30
30 27 50				30 22 70?			40 34 15	39 33 20		40 15 35			
35 25 60				35 22 80?									

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. on 28th	Diff. from normal
Alexandria	55	−11	10.5	−0.8
Ezbekîya	53	−13	10.8	+0.5
Gîza	52	−19	10.5	+0.7
Helwân	32	−24	9.8	+0.7

Gîza — Grass minimum temp. on 29th 4.5°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	29th	1389	1042
	28th	1273	826

Cairo — Water temp. River Nile 9h. on 29th 15.1°

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	29th				
Nâsser				5.94	+0.19
Malakâl		10.76	−0.10	10.82	−0.07
J. Aulia Res.				377.34	—
J. Aulia D.S				371.62	−0.07
Roseires		12.54	+0.62	12.56	+0.63
Sennar Res.				20.69	—
Khartum				10.64	−0.03
Kh. el Girba					
Atbara		10.51	+0.04	10.52	+0.04
Gajnarti				138.41	−0.12
Aswan Res.		120.95	—	120.97	—
Aswan D.S		85.94	−0.40	85.77	−0.55
Roda (Cairo)		15.11	+0.35	15.11	+0.37

Printed by the Survey of Egypt 1945 (45/308)

At 8h. on Tuesday 29th / الساعة ٨ يوم الثلاثاء ٢٩

Station	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.	% Humidity	Rain past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
Salûm											—		—					61
Matrûh	00	9	20	1	0	0	—	14.0	−3.7	11.8	17	−1	9	0	78	0	64	115
Mariut	01	7	29	2	0	3	8	12		16	19	—	14	—	68	0	123	105
Alexandria	01	9	02	2	2	4	8	12.7	−5.7	15.8	19	+1	11	+1	71	0	99	143
Damietta	00	7	16	2	1	1	4	11.4	−5.8	10.9	18	—	—	—	89	0	35	68
Port Saîd	00	8	15	3	0	0	—	12.0	−5.1	12.3	18	−1	10	−1	83	0	32	60
El 'Arîsh	02	7	16	2	1	6	7	12.0	−5.8	—	22?	+3	7	0	—	0	46	51
LOWER EGYPT																		
Damanhûr	00	5	24	2	0	0	—	12.7	−5.2	8.8	22	+2	7	0	92	0	32	61
Mansûra	01	8	24	1	1	3	0	12.3	−5.1	9.4	23	+3	7	0	92	0	12	29
Tanta	00	8	20	1	0	0	—	13.8	−4.3	9.4	22	+2	6	0	99	0	38	22
Zagazig	01	6	18	2	1	5	8	13.4	−5.0	7.9	24	+4	7	+1	100	0	3	15
Shebîn el Kôm	00	8	20	2	0	1	8	12.6	−5.7	9.4	26	—	8	—	92	0	8	
MIDDLE EGYPT																		
Cairo: Almaza	00	7	19	2	0	2	6	13.4	−5.0	11.0	26	—	8	—	82	0	2	—
Cairo: Ezbekîya	09	6	14	2	0	2	8	13.9	−4.5	10.2	27	+7	9	+1	86	0	2	14
Cairo: Gîza	09	6	16	2	0	3	8	14.0	−4.3	10.4	27	+8	8	+3	80	0	13	15
Helwân	09	6	00	0	0	0	—	14.0	−5.0	10.6	25	+6	8	0	81	dr.	2	15
Suez	01	8	00	0	1	4	2	13.9	−4.1	14.4	22	+2	10	+1	73	0	—	10
UPPER EGYPT																		
Faiyûm	09	6	30	1	1	3	6	14.4	−4.3	9.0	26	+5	6	0	80	0	8	4
Minya	00	8	28	1	0	0	—	14.3	−5.1	9.3	29	+9	7	+1	78	0	dr.	
Asyût	00	6	22	1	0	0	—	14.6	−5.3	10.6	26	+5	7	+1	64	0	0	4
Nag Hamâdi	01	8	00	0	1	4	5	13.6	−5.0	13.8	27	—	12	—	58	0	0	—
Qena	02	6	26	2	1	5	3	12.2	−6.3	15.2	27	+4	12	+5	51	0	0	—
Luxor	00	7	28	1	0	0	—	12.7	−6.8	17.4	30	+6	12	+6	40	0	0	—
Aswân	01	9	32	2	1	3	1	10.8	−7.8	17.8	30	+6	14	+4	46	0	0	—
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	—	15.6	−4.6	8.0	21	+1	7	+8	79	0	1	6
Baharîya	00	9	00	0	0	0	—	15.1	−4.4	10.0	21	0	5	0	74	0	0	5
Khârga	01	9	02	1	1	4	4	14.0	−5.1	13.9	30?	+7	13	+7	55	0	0	—
Dâkhla	00	7	26	2	0	0	—	14.8	−5.1	14.7	28	+6	12	+7	57	0	0	—
RED SEA																		
Tôr	00	7	04	3	0	0	—	11.6	−6.0	19.9	23	+2	12	+3	42	0	0	9
Hurghâda	01	8	26	3	1	4	9	—	—	16.5	22	0	12	+2	51	0	0	3
Quseir	02	9	22	1	2	7	6	10.3	−6.7	19.6	25	+2	18	+4	30	0	11	4
Port Sûdân	01	8	00	0	1	4	6	11		25					84	0	17	90
NORTH SÛDÂN																		
Wâdi Halfa	00	8	32	1	0	1	4	11		17					42	0	tr.	—
Kareima	00	8	04	1	0	0	—	9		21					47	0	7	1
'Atbara	00	8	32	2	0	0	—	8		21					57	0	2	2
Khartûm	00	8	32	3	0	0	—	8		22					41	0	3	4
Kassala	00	8	00	0	0	0	—	6		23					69	0	31	8
CENTRAL SÛDÂN																		
Wad Medani	00	7	04	3	0	0	—	7		23					47	0	13	12
Renk	00	9	04	3	0	0	—	—		27	—		—		28	—	—	49
Roseires	00	8	30	1	0	0	—	4		21					44	0	80	36
El Obeid	00	9	32	2	0	0	—	7	—	24					54	0	44	16
El Fâsher	00	9	32	2	0	0	—			18					30	0	2	6
Geneina	00	9	08	1	0	0	—	—	—	18	—		—		37	—	—	4
Kadugli	00	8	28	2	0	0	—	7		24	—		—		22	—	—	89
S. SÛDÂN																		
Malakâl	01	8	00	0	1	4	4	7		23					—	0	170	88
Wâu	01	7	00	0	1	4	4,1	6		23					47	0	113	144
Juba	01	8	14	2	1	4	6	5		27					55	0	188	145

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	Cairo	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. 15 m.	7 h. 15 m.	9 h. 30 m.	8 h. 45 m.	7 h.	7 h.	7 h. 15 m.	7 h.	7 h. 15 m.	7 h.		7 h.
03 29 15	03 32 25	02 24 10	02 15 10	03 36 25	02 35 20	03 32 10	02 36 10	09 05 25	09 05 35		09 02 30
06 27 15	06 30 30	05 29 20	05 29 15	06 34 20	05 34 30	06 35 10	05 36 35	15 06 10	15 01 30		15 36 30
09 31 20	09 31 30	08 29 30	08 32 20	09 34 55	10 31 30	09 35 20	10 22 05	21 10 10	21 02 40		21 02 30
15 28 25	12 31 25	10 30 25	10 31 25	15 29 30	15 28 30	15 01 20	15 26 10	27 14 20			24 03 30
18 27 30	15 30 20	11 31 30	13 32 30	18 29 30	20 26 45	21 04 20	20 24 20	33 17 10			30 35 15
		End. Sc.			25 25 30		25 26 35	39 21 15			39 31 15

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 30 m.	7 h.	6 h. 45 m.	7 h.	7 h.	7 h.
09 03 15	03 04 10	09 36 15	09 04 10	09 06 20	09 04 40
15 06 15	06 06 10	15 02 15	15 08 25	15 08 30	15 04 50
21 10 10		21 03 20	21 01 20	21 06 20	21 03 50
27 11 15		27 04 30	27 01 20	27 12 05	27 04 45
33 13 20		33 05 40	33 35 20	33 30 10	33 03 40
39 19 10		39 05 60	39 32 20	39 30 10	39 04 35

Cyprus Synoptic 8h. on 29th

34710 00961 06201 13110 40403 01110
34881 02855 12227 16080 6x201 00030

Upper Air Temp. Almâza at 23h. G.M.T. on 28th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1004	51	48
500	986	53	51
1000	968	53	51
1500	951	51	49
2000	934	50	43
4000	867	52	33
6000	804	47	30
8000	746	45	28
10000	690	38	28
12000	639	34	27
14000	590	25	21
16000	544	14	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 last hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

Past Weather (W)

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

Visibility (V)

Objects not visible at 50 metres	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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 27 (h. m.) Sunset 17 30

Month JANUARY 1946 — شهر يناير ١٩٤٦

At 14h. on TUESDAY 29th (الساعة ١٤ يوم ٢٩) — At 20h. on 29th (الساعة ٢٠ يوم الثلاثاء 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	30	1	0	0	—	12.4	17.0	71	0	00	8	00	0	0	0	—	12.8	16.0	79	0	131
Mariut	01	7	26	2	1	4	6,8,9	12	15	60	0	00	7	04	1	0	0	—	12	13	—	0	150
Alexandria	01	9	26	2	2	4	8	11.8	18.0	62	0	01	5	00	0	2	3	4	13.4	14.4	76	0	132
Damietta	00	8	28	3	1	2	8	11.1	17.0	63	0	00	7	28	1	1	0	—	12.0	13.6	78	0	159
Port Sa'îd	01	8	28	4	0	3	6	10.8	18.9	61	0	01	8	28	3	0	3	6	12.2	14.4	82	0	134
El 'Arîsh	00	7	24	2	0	3	8	11.5	18.5	61	0	00	7	20	1	0	0	—	11.1	13.2	86	0	135
Lower Egypt																							
Damanhûr	01	7	24	3	1	5	8	11.4	19.0	61	0	00	6	28	2	1	0	—	12.4	12.0	76	0	136
Mansûra	50	7	30	2	5	5	9	11.4	18.2	58	dr.	00	6	04	1	1	0	—	12.8	12.3	82	0	137
Tanta	01	8	24	2	1	4	8	11.9	21.0	53	0	01	8	24	1	1	4	6,7	13.2	13.4	86	0	138
Zagazig	01	6	24	3	1	4	8	11.5	19.6	60?	0	00	6	28	2	0	0	—	13.2	14.3	76	0	139
Shebîn el Kôm	01	9	20	4	1	4	8	11.1	21.2	53	0	00	9	02	2	1	0	—	12.0	14.4	80	0	—
Middle Egypt																							
Cairo Almâza	01	8	26	2	1	4	6	11.7	19.9	54	0	00	7	28	1	0	0	—	12.6	15.9	66	0	141
Cairo Ezbekîya	01	8	26	1	1	5	8	11.6	18.8	54	0	00	6	00	0	0	0	—	12.6	15.4	72	0	—
Cairo Gîza	02	8	28	1	1	5	8	11.8	19.2	54	0	00	7	00	0	0	0	—	12.7	14.1	74	0	—
Helwân	02	8	26	2	2	5	8	12.0	17.8	55	0	00	7	00	0	0	0	—	13.1	15.1	57	0	143
Suez	01	8	16	1	1	4	2	12.4	19.6	53	0	00	9	32	1	0	0	—	13.0	16.2	65	0	144
Upper Egypt																							
Faiyûm	01	8	30	2	1	4	6	12.0	19.5	45	0	00	6	00	0	0	0	—	12.8	14.0	57	0	153
Minya	00	9	30	2	0	0	—	12.3	21.8	37	0	00	8	32	1	0	0	—	13.0	16.3	54	0	154
Asyût	00	7	28	1	0	0	—	12.0	21.1	35	0	00	6	22	1	0	0	—	12.8	13.1	68	0	155
Nag' Hamâdi	01	8	24	1	1	4	5	10.8	21.4	39	0	01	8	00	0	1	6	5	11.9	15.0	58	0	164
Qena	01	8	22	2	1	3	1	9.2	23.6	42	0	00	6	22	2	1	0	—	10.4	17.8	48	0	156
Luxor	00	7	02	2	0	0	—	10.4	28.0	27	0	00	6	28	1	0	0	—	11.1	17.4	40	0	157
Aswân	00	9	32	3	0	0	—	8.4	27.8	22	0	00	9	32	1	0	0	—	10.3	21.8	17	0	158
Western Desert																							
Sîwa	20	8	00	0	8	7	4	14.8	19.5	75	dr.	00	—	00	0	0	0	—	14.3	16.6	64	0	148
Baharîya	00	9	00	0	0	0	—	13.0	19.0	46	0	00		00	0	0	0	—	—	16.0	32	0	149
Khârga	00	9	30	2	0	0	—	12.2	25.4	18	0	00	9	32	1	0	0	—	13.2	16.1	41	0	151
Dakhla	00	8	28	3	0	0	—	12.3	22.1	28	0	00	6	28	2	0	0	—	14.4	15.8	40	0	152
Red Sea																							
Tôr	00	7	28	5	0	0	—	10.4	—	—	0	00	7	28	4	0	0	—	16.7	14.5	68	0	145
Hurghâda	00	9	02	4	0	0	—	10.4	17.1	57	0	00	9	30	5	0	0	—	—	17.0	47	0	146
Quseir	01	8	32	2	5	4	5	9.2	23.8	61	dr.	00	8	32	1	0	0	—	—	18.8	46	0	147
Port Sûdân	01	8	08	3	1	5	8	8	26	70													168
North Sûdân																							
Wâdi Halfa	00	8	02	3	0	0	—	7	30	12													165
Kareima	00	8	24	1	0	0	—	5	34	25													166
'Atbara	00	8	08	1	0	0	—	3	33	23													167
Khartûm	00	8	30	3	0	0	—	3	35	18													169
Kassala	00	8	02	3	0	0	—	0	38	24													170
Central Sûdân																							
Wad Medani	00	8	32	5	0	0	—	1	37	10													171
Renk	00	8	28	3	0	0	—	—	37														182
Roseires	00	8	25	2	0	0	—	0	38	15													172
El Obeid	00	9	02	3	0	0	—	1	36	09													174
El Fâsher	00	9	00	0	0	3	1	—	35	22													175
Geneina	01	8	06	3	0	3	1	—	36	07													179
Kadugli	00	8	04	3	0	0	—	2	39	07													187
S. Sûdân																							
Malakâl	01	7	02	3	1	4	4	1	38	11													176
Wâu	02	7	12	2	1	5	1	0	37	13													177
Juba	02	8	12	2	1	5	8,1	1	38	25													178

At 8h. on WEDNESDAY 30th (الساعة ٨ يوم الأربعاء 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	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Salûm												—		—				62
Matrûh	02	9	24	2	1	6	8	13.0	−4.6	11.8	18	0	10	+1	88	0	64	116
Mariut	05	6	16	1	0	6	9,2	13		10	19	—	8	—	88	0	123	107
Alexandria	02	7	00	0	2	6	4	13.1	−5.2	12.2	20	+2	10	0	83	0	99	144
Damietta	04	5	20	1	1	5	8,5,1	12.3	−4.9	9.9	18	—	—	—	87	0	35	69
Port Sa'îd	01	8	22	2	2	5	6	12.3	−4.8	11.6	20	+1	11	0	91	0	32	50
El 'Arîsh	02	7	20	2	1	7	5	12.4	−5.4	12.9	20	+1	10	+2	88	0	46	52
Lower Egypt																		
Damanhûr	02	5	20	2	2	5	3	13.0	−4.8	9.3	20	0	8	+1	96	0	32	62
Mansûra	02	7	32	1	2	5	9	12.8	−4.6	8.0	21	+1	7	0	96	dr.	12	29
Tanta	02	8	24	1	1	7	7	13.9	−4.1	8.6	21	+1	5	−1	99	0	38	23
Zagazig	09	6	00	0	0	3	8	13.2	−5.2	8.8	22	+2	8	+2	100	0	3	15
Shebîn el Kôm	09	6	22	2	2	8	0	12.8	−5.4	9.9	23	—	7	—	91	0	8	
Middle Egypt																		
Cairo Almaza	05	6	00	0		8	4,5	12.7	−5.6	11.0	20	—	10	—	75	0	2	—
Cairo Ezbekîya	08	4	24	1	4	8	5	13.2	−5.1	11.5	20	0	10	+2	87	0	2	14
Cairo Gîza	08	4	26	1	4	8	5	13.4	−4.9	10.1	23	+4	7	+2	91	0	13	15
Helwân	09	6	00	0	2	8	4	12.7	−6.3	11.5	19	0	11	+3	75	0	2	15
Suez	13	7	02	1	2	8	5	13.1	−4.8	12.9	23	+3	11	+2	77	0	—	10
Upper Egypt																		
Faiyûm	09	6	00	0	2	7	5	13.4	−5.3	11.1	21	0	10	+4	75	0	3	4
Minya	02	8	20	1	2	6	4,5	13.5	−5.8	12.3	22	+2	8	+2	77	0	tr.	—
Asyût	01	6	26	1	2	4	5	14.0	−5.9	11.3	23	+2	9	+3	58	0	0	4
Nag' Hamâdi	01	8	00	0	2	5	5	13.9	−4.7	13.5	22	—	6	—	63	0	0	—
Qena	01	7	26	3	0	5	3	13.2	−5.2	11.8	24	+1	7	0	74	0	0	—
Luxor	00	7	28	2	0	0	—	13.8	−4.7	15.7	28	+4	6	+5	53	0	0	—
Aswân	00	9	32	3	0	0	—	12.8	−5.8	15.0	28	+4	12	+2	39	0	0	—
Western Desert																		
Sîwa	20	8	00	0	8	7	4	—	—	12.0	21	+1	7	+3	75	dr.	1	6
Baharîya	01	9	00	0	1	4		15.4	−4.0	12.0	20	−1	7	+2	76	0	0	5
Khârga	00	9	00	0	0	0	—	14.8	−4.3	8.8?	27	+4	7	+1	59	0	0	—
Dâkhla	00	7	24	1	0	0	—	15.8	−4.0	12.2	23	+1	7	+2	65	0	0	—
Red Sea																		
Tôr	01	7	28	5	0	3	8	11.0	−6.6	17.5	19	−2	13	+4	42	0	0	9
Hurghâda	01	8	26	3	1	4	9	—	—	16.0	20	−2	11	+1	51	0	0	3
Quseir	00	8	28	1	0	0	—	11.0	−6.0	17.4	25	+2	15	+1	56	dr.	11	4
Port Sûdân	01	8	26	1	0	4	0	9		25					79	0	17	90
North Sûdân																		
Wâdi Halfa	00	7	32	2	0	0	—	12		14					32	0	tr.	—
Kareima	00	8	04	1	0	2	1	10		20					26	0	7	1
'Atbara	00	8	32	3	0	0	—	8		22					53	0	2	2
Khartûm	00	6	30	2	0	0	—	8		22					38	0	3	4
Kassala	00	8	00	0	0	0	—	6		23					61	0	31	8
Central Sûdân																		
Wad Medani	00	7	32	2	0	0	—	7		22					27	0	13	12
Renk	00	9	04	3	0	0	—	5		26		—		—	40	—	—	49
Roseires	00	8	30	1	0	0	—	5		18					56	0	80	36
El Obeid	00	9	30	3	0	1		8		22					27	0	44	16
El Fâsher	01	9	28	1	0	4	1	—	—	18					37	0	2	6
Geneina	02	8	00	0	1	5	2	—	—	18		—		—	32	0	—	4
Kadugli	02	8	28	3	1	5	2	8		21		—		—	23	—	—	89
S. Sûdân																		
Malakâl	01	8	04	2	2	5	1	6		26					42	0	170	88
Wâu	01	7	12	1	0	3	2	6		23					53	0	113	144
Juba	02	8	14	2	0	7	4,5	6		28					52	0	188	145

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
12 h. 30 m.	13 h. m.	12 h. m.	h. m.	12 h. 45 m.	13 h. m.	h. m.	13 h. 15 m.	h. m.	13 h. 15 m.	13 h. m.	12 h. 45 m.	13 h. m.	13 h. 15 m.
03 31 15	03 34 10	03 31 30		03 33 40	03 31 05		09 33 10		09 01 15	09 35 05	09 01 30	09 03 15	09 05 05
06 29 15	06 32 20	06 31 30		06 36 50	06 33 15		15 27 05		15 35 15	15 08 05	15 03 15	15 03 10	15 08 05
09 29 15	09 31 15	09 31 40		09 33 45	09 34 20		21 24 20		✓	21 10 05	21 31 05	21 25 10	21 03 15
15 30 25	15 29 20	15 28 30		15 23 25	15 27 20		27 26 25			27 01 05	27 28 15		27 01 15
30 27 —	18 29 20			21 21 10	21 23 20		33 27 35			33 35 15	33 29 10		33 04 30
45 30 25							39 27 50			39 33 15	39 22 15		39 06 20

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
7 h. 15 m.	7 h. 15 m.	7 h. m.	8 h. 30 m.	7 h. 30 m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	h. m.	7 h. 15 m.
03 27 35	03 23 15	03 30 20	02 14 00	03 36 05	00 26 05	03 33 20	00 32 15	10 01 30	10 01 30		10 02 30
06 28 25	06 27 10	06 32 15	05 32 05	06 34 20	02 29 15	06 34 35	02 36 30	15 30 15	15 34 20		15 02 25
10 28 20	10 28 15	10 33 15	08 32 05	10 34 20	05 34 20	12 35 20	05 36 35	20 28 35	20 30 20		20 02 30
15 29 25		15 33 15	10 32 15	15 32 25	10 34 30	20 33 35	10 34 50	25 24 35	25 27 30		25 02 15
25 30 25			15 32 30	18 33 20	15 30 30	25 32 40			35 29 15		30 07 05
			20 31 30		20 28 40				40 27 20		40 08 20
			25 29 35		25 26 40						
			30 25 45								
			40 26 55								

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 30 m.	8 h. m.	6 h. 45 m.	h. m.	7 h. m.	7 h. m.
10 03 15	10 14 25	10 02 20		10 07 15	10 03 50
15 02 40	15 11 30	15 02 25		15 07 30	15 03 40
20 02 30	20 10 45	20 03 60		20 07 20	20 04 20
25 05 25		25 04 70		25 15 05	25 08 10
35 25 35		35 10 20		35 25 05	35 12 05
40 25 20				40 28 10	

CYPRUS SYNOPTIC 8h. ON 30th

34740 01962 30212 13070 40103

34974 01863 32314 13100 60302 00070

UPPER AIR TEMP. ALMÂZA AT 23h G.M.T. ON 29th

Height (feet)	P.P.P (m.b.)	TT (°F)	tt (°F)
Surface	1003	52	49
500	985	55	48
1000	967	53	48
1500	950	51	48
2000	933	50	47
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 29th	Diff from normal	Wet Bulb Temp °C on 29th	Diff from normal
Alexandria	69	+3	13.1	+1.8
Ezbekiya	72	+7	11.9	+1.6
Giza	70	−1	11.5	+1.7
Helwân	65	+9	11.0	+1.9

GIZA — Grass Minimum Temp. on 30th 5.7°

CAIRO — Water Temp. River Nile on 30th 14.9°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	30-1	1389	1157
	29-1	1389	1042

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-1			12.69	−0.67
Nâsser				5.91	+0.19
Malakâl		10.72	−0.11	10.76	−0.10
J. Aulia Res.				377.34	
J. Aulia D.S				371.63	−0.06
Roseires		12.51	+0.60	12.00	+0.62
Sennar Res.				20.68	
Khartum		10.63	0.00	10.63	−0.02
Kh. el Girba					
Atbara				10.51	+0.04
Hajnarti				123.38	−0.13
Aswân Res.		120.90		120.95	
Aswân D.S		85.95	−0.40	85.90	−0.40
Roda (Cairo)		15.11	+0.30	15.19	+0.35

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
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

Time of Sunrise 06 h. 27 mt. Sunset 17 h. 31 mt.

Month JANUARY 1946

شهر يناير ١٩٤٦

At 15h. on WEDNESDAY 30th — الساعة ١٥ يوم الاربعاء ٣٠ — At 20h. on 30th — الساعة ٢٠ يوم ٣٠

STATION	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	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
	ww	v	dd	f	w	N	C	ppp	TTT	U		ww	v	dd	f	w	N	C	ppp	TTT	U		
MEDITERRANEAN — SALÛM																							130
MATRÛH	50	9	28	1	6	6	8	12.0	14.6	83	tr.	01	8	28	2	2	5	8	13.0	13.0	89	0	131
MARIUT	25	6	22	2	8	7	6.9	12	16	59	tr.	25	6	00	0	8	4	9	12	13	77	tr.	150
ALEXANDRIA	02	8	20	2	5	7	6	11.2	14.7	62	dr.	03	5	26	4	6	8	9	11.6	14.2	69	4	132
DAMIETTA	62	7	28	2	6	8	7	11.4	13.7	85	dr.	64	6	28	2	6	8	7	11.4	12.8	89	1	159
PORT SAÏD	03	8	24	3	2	8	5	11.0	15.6	76	0	21	8	20	2	5	3	5	11.4	13.6	87	dr.	134
EL 'ARÎSH	02	7	24	2	1	7	5	11.6	16.5	73	0	02	7	24	2	1	7	5	10.8	13.2	75	0	135
LOWER EGYPT — DAMANHÛR	03	6	24	2	2	8	5	11.0	16.2	75	0	01	6	24	2	2	4	8	11.0	11.6	80	0	136
MANSÛRA	03	7	24	1	2	8	9	11.5	15.8	73	0	00	6	04	1	1	0	—	11.6	12.7	78	0	137
TANTA	03	8	24	1	2	8	7	11.2	15.8	81	0	03	8	24	1	2	8	7	11.6	11.2	93	0	138
ZAGAZIG	13	6	21	1	2	8	5	11.6	15.9	76	0	02	6	02	1	2	6	0	11.8	13.2	91	0	139
SHEBÎN EL KÔM	03	8	24	4	3	8	0	10.8	17.0	68	0	03	8	22	2	3	8	0	12.0	13.7	77	0	—
MIDDLE EGYPT — CAIRO ALMAZA	05	5	28	1	2	8	5	11.2	16.6	59	0	05	6	00	0	2	8	5	11.7	15.1	68	0	141
CAIRO EZBEKÎYA	03	7	00	0	2	8	5	11.1	16.9	59	0	02	6	00	0	2	6	5	11.9	14.6	75	0	—
CAIRO GÎZA	13	8	00	0	2	8	5	12.7	17.7	61	0	01	7	26	1	1	5	5	11.8	13.1	92	0	—
HELWÂN	03	7	00	0	2	8	5	11.5	17.0	59	0	03	6	00	0	2	8	5	12.0	14.9	55	0	143
SUEZ	13	7	02	1	2	8	5	12.2	16.3	58	0	03	7	00	0	2	8	5	12.6	14.7	61	0	144
UPPER EGYPT — FAIYUM	02	8	30	1	2	7	5	11.1	20.6	—	0	03	6	00	0	2	8	5	11.8	15.6	62	0	153
MINYA	03	8	30	2	2	8	5	10.8	21.7	28	0	00	8	02	1	1	0	—	13.8	14.2	59	0	154
ASYÛT	01	7	20	1	1	4	5	11.5	19.8	39	0	01	6	22	1	1	3	5	13.5	15.1	57	0	155
NAG HAMÂDI	01	8	26	1	1	4	5	11.2	20.8	34	0	02	8	00	0	2	5	5	12.4	14.5	61	0	164
QENA	01	8	22	2	1	4	3	9.8	22.8	40	0	01	6	22	2	1	4	3	10.7	16.0	52	0	156
LUXOR	00	7	26	2	0	0	—	10.7	24.0	46	0	00	6	28	1	0	0	—	11.8	17.4	40	0	157
ASWÂN	01	9	32	3	1	4	1	9.8	24.0	—	0	00	9	32	1	0	0	—	11.8	20.0	26	0	158
WESTERN DESERT — SÎWA	03	8	30	1	2	8	5	16.7	17.0	76	0	00	—	28	3	0	0	—	16.0	14.0	73	0	148
BAHARÎYA	01	9	00	0	1	4	—	14.7	17.5	48	0	03	—	32	2	2	8	—	—	11.0	75	0	149
KHÂRGA	01	8	32	1	1	4	4	13.4	21.0	50	0	00	9	32	1	0	0	—	13.6	12.2	—	0	151
DAKHLA	00	7	28	4	0	0	—	13.2	20.1	43	0	00	6	28	2	0	0	—	15.5	12.9	52	0	152
RED SEA — TÛR	01	7	28	5	0	3	5	11.4	20.2	40	0												145
HURGHÂDA												02	7	30	4	2	5	9	11.4	16.6	47	0	146
QUSEIR	00	8	32	3	0	0	—	8.7	22.6	53	0	00	8	28	1	0	0	—	10.6	18.6	57	0	147
PORT SUDÂN	00	8	18	3	1	3	6	6	28	70													148
NORTH SÛDÂN — WÂDI HALFA	01	7	02	4	1	3	2	9	26	15													165
KAREIMA	00	8	32	2	0	1	1	6	33	14													166
'ATBARA	00	8	32	2	0	0	—	3	34	25													167
KHARTÛM	00	8	28	3	0	2	2	3	36	19													168
KASSALA	00	8	30	2	0	0	—	0	36	22													170
CENTRAL SÛDÂN — WAD MEDANI	00	8	30	3	0	0	—	—	36	15													171
RENK	00	9	22	3	0	0	—	2	37	17													182
ROSEIRES	00	8	28	1	0	0	—	—	37	—													172
EL OBEID	01	8	32	3	1	4	4,2	1	35	13													174
EL FÂSHER	01	9	04	2	1	4	2	—	34	29													175
GENEINA	02	9	12	1	1	5	2	—	37	28													179
KADUGLI	02	8	04	2	1	5	2	—	29	10													187
S. SÛDÂN — MALAKÂL	02	8	28	1	1	7	4,2	1	36	12													176
WÂU	05	6	16	1	1	5	8,2	0	37	27													177
JUBA	02	8	34	1	1	6	2	1	38	25													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 SAÏD	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.	h. m.	h. m.	h. m.	h. m.	h. m.
12 15 m.		12 h30 m.		13 h. m.	13 h. m.	h. m.	13 h. m.	h. m.	13 h. m.	13 h. m.	12 h30 m.	13 h. m.	13 h. m.
03 28 35		03 29 15		03 30 25	03 35 20		09 36 30		09 01 15	09 36 10	09 05 30	09 06 10	09 05 05
06 29 40		06 30 05		06 29 10	06 33 20		15 03 20		15 03 30	15 19 05	15 06 10	15 07 15	15 17 05
		09 30 05		09 30 15	09 32 20		21 29 30		21 06 10	21 27 20	21 03 05	21 09 15	21 17 10
		15 30 15		15 29 30	15 28 20		27 27 50		24 05 10	27 26 25	27 03 25	27 02 15	27 12 15
		21 31 15		21 27 05	21 28 55		30 27 65		30 09 05	33 23 15	33 03 25	33 06 05	33 13 10
				27 27 30	27 27 65						39 02 45	39 37 05	39 08 20
				30 26 55	30 27 65							51 07 05	51 08 30
				33 26 50	36 26 75							63 03 20	57 07 30
													63 07 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 30th	Diff from normal	WET BULB TEMP °C on 30th	Diff from normal
Alexandria	72	+6	11.1	−0.2
Ezbekiya	74	+9	11.8	+1.5
Giza	79	+8	11.5	+1.7
Helwân	61	+5	10.9	+1.8

GIZA — GRASS MINIMUM TEMP ON 31st 7.4° C

CAIRO — WATER TEMP RIVER NILE ON 31st AT 8h. 14.9° C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	31st	1389	1273
	30th	1329	1157

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba					
Nâsser				5.87	+0.19
Malakâl	31st	10.67	−0.13	10.72	−0.11
J. Aulia Res				377.31	—
J. Aulia D.S				371.64	−0.01
Roseires		12.48	+0.58	12.51	+0.60
Sennar Res.				20.70	
Khartûm				10.63	0.00
Kh. el Girba					
Atbara		10.50	+0.05	10.50	+0.04
Kajnarti				333.33	−0.16
Aswân Res.		120.85	—	120.90	—
Aswân D.S		85.95	−0.41	85.75	−0.40
Roda (Cairo)		15.13	+0.25	15.11	+0.30

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

At 8h. on THURSDAY 31st — الساعة ٨ يوم الخميس ٣١

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	DAR PRESSURE M.S.L. 1000+ mbs.	DAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm °C	MINIMUM Today °C	MINIMUM Diff from norm °C	% HUMIDITY	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct 1 mms	RAINFALL Norm From Oct 1 mms
	ww	v	dd	f	w	N	C	ppp		TTT	MM		mm		U			
MEDITERRANEAN — SALÛM													—					63
MATRÛH	01	9	32	3	6	4	8	15.6	-1.9	15.4	16	-2	9	0	61	tr.	64	117
MARIUT	01	7	30	3	8	4	8	14		15	17	—	13	—	68	2	125	108
ALEXANDRIA	01	8	02	4	2	4	8	13.9	-4.3	15.2	16	-2	13	+2	70	5	104	145
DAMIETTA	01	7	20	3	1	3	9	13.1	-4.0	9.9	16	—	—	—	91	5	40	70
PORT SAÏD	00	8	22	3	0	3	1	13.8	-3.3	12.2	16	-3	10	-1	86	dr.	32	51
EL 'ARÎSH	02	7	20	2	1	6	8	13.2	-4.6	12.8	17	-2	9	+2	88	0	46	62
LOWER EGYPT — DAMANHÛR	50	5	20	2	6	6	9	13.8	-3.9	11.0	16	-4	9	+2	96	2	34	62
MANSÛRA	01	7	20	2	1	3	0	13.8	-3.5	10.0	16	-4	7	0	93	0	12	39
TANTA	00	8	20	1	0	0				9.7	16	-4	7	+1	91	0	38	23
ZAGAZIG	00	6	18	2	0	2	8	13.9	-4.4	8.9	17	-3	8	+2	93	0	3	15
SHEBÎN EL KÔM	00	9	20	3	0	1	8	13.4	-4.8	10.3	17	—	7	—	86	0	8	—
MIDDLE EGYPT — CAIRO ALMAZA	00	7	26	1	0	3	6	15.1	-3.2	11.7	18	—	10	—	78	0	2	—
CAIRO EZBEKÎYA	05	6	22	2	1	5	4	14.8	-3.5	11.6	18	-2	10	+2	77	0	2	14
CAIRO GÎZA	05	6	22	2	1	5	4	15.2	-3.0	11.7	18	-1	9	+4	79	0	13	15
HELWÂN	01	7	00	0	1	5	6	16.0	-2.9	10.1	18	-1	10	+2	82	0	2	16
SUEZ	01	9	00	0	1	4	4	15.2	-2.7	15.8	17	-3	11	+2	60	0	—	10
UPPER EGYPT — FAIYUM	01	7	30	1	1	3	4	16.2	-2.4	10.5	21	0	9	+3	72	0	8	4
MINYA	02	8	28	2	2	6	2	17.1	-2.1	11.7	22	+1	10	+4	66	0	dr.	—
ASYÛT	03	6	22	1	2	8	6	17.2	-2.6	12.1	22	+1	11	+5	74	0	0	4
NAG HAMÂDI	02	8	26	1	2	5	5	17.0	-1.5	13.2	21	—	10	—	65	0	0	—
QENA	01	7	22	3	1	5	4	16.8	-1.5	12.4	23	0	9	+2	72	0	0	—
LUXOR	02	7	04	1	2	6	3	17.2	-1.2	15.8	25	+1	13	+6	61	0	0	—
ASWÂN	02	9	30	1	1	5	1	16.0	-2.6	14.5	25	+1	11	+1	43	0	0	—
WESTERN DESERT — SÎWA	00	7	00	0	0	—		19.6	-0.5	8.0	18	-2	6	+2	86	0	1	6
BAHARÎYA	01	9	32	2	1	4	—	15.5	-3.8	9.0	18	-3	4	-1	73	0	0	5
KHÂRGA	02	9	00	0	2	5	9	19.0	-0.0	14.2	23	0	8	+2	65	0	0	—
DÂKHLA	00	7	24	1	0	0	—	19.1	-0.7	12.8	21	-1	10	+5	72	0	0	—
RED SEA — TÛR	01	7	28	4	0	3	5	14.3	-3.2	16.5	20	-1	14	+5	50	0	0	9
HURGHÂDA	03	6	30	4	2	8	6	—	—	16.0	20	-2	11	+1	46	0	0	3
QUSEIR	03	8	26	1	2	8	6	13.6	-3.3	17.8	25	+2	16	+2	42	0	11	4
PORT SÛDÂN	02	8	28	2	1	5	6	11		25					89	0	17	90
NORTH SÛDÂN — WÂDI HALFA	00	8	32	2	0	0	—	16		13					38	0	14	—
KAREIMA	00	8	04	2	0	1	1	14?		17					46	0	7	1
'ATBARA	00	7	30	5	0	0	—	9		21					23	0	2	2
KHARTÛM	00	7	32	3	0	0	—	10		21					28	0	3	4
KASSALA	00	8	00	0	0	0	—	7		22					53	0	31	8
CENTRAL SÛDÂN — WAD MEDANI	01	7	32	1	1	4	1	8		22					21	0	13	12
RENK	00	9	32	3	0	0	—	6		24	—	—	—	—	41	—	—	49
ROSEIRES	00	8	30	1	0	0	—	6		19					56	0	80	36
EL OBEID	02	9	30	4	1	5	—	9		19					28	0	44	16
EL FÂSHER	01	9	32	2	1	4	2	—	—	16					56	0	2	6
GENEINA								—	—		—	—	—	—		—	—	4
KADUGLI	02	8	04	3	1	5	2	8		26	—	—	—	—	21	—	—	89
S. SÛDÂN — MALAKÂL	02	8	04	4	1	5	4,5	7		24					28	0	170	88
WÂU	02	8	00	0	1	7	4,5	6		26					48	0	113	144
JUBA	00	7	00	0	0	—		7		27					45	0	188	145

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 SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	7 h.15 m.	9 h. m.	h. m.	7 h. m.	7 h. m.	h. m.	h. m.	h. m.	7 h.15 m.	8 h.45 m.
	03 10 35	03 28 15	02 19 05		02 31 15	03 33 45				09 01 40	09 01 40
	06 12 45	06 28 25	05 29 20		05 34 25	06 33 30				15 35 30	15 01 30
	09 12 40	09 29 30	06 27 25		10 34 50	09 33 45				21 32 25	21 03 15
	12 11 05	12 30 35	Encl. Sc.		15 34 50	12 32 30				27 31 20	24 05 20
	15 12 55	15 30 40			20 33 30	15 34 35				30 29 10	
	18 12 55	Encl. Cu.			Encl. Ac.	18 35 40					
	33 12 55					21 34 35					
						24 33 35					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	h. m.	6 h45 m.	7 h. m.	h. m.	7 h. m.
09 41 15		09 02 20	09 01 30		09 02 55
15 03 20		15 01 30	15 06 35		15 02 50
21 08 15		21 34 10	21 08 20		21 03 30
27 11 25		27 05 15	27 28 10		27 36 15
33 12 05		33 31 05	33 17 10		33 36 10
39 35 15					39 34 05

UPPER AIR TEMP. ALMÂZA AT 23h. GMT ON 30th

HEIGHT FEET	PPP m.b.	TT °C	tt °F
Surface	1003	61	55
500	985	56	52
1000	963	53	49
1500	950	51	48
2000	933	50	44
4000	866	42	36
6000	804	33	29
8000	745	32	25
10000	686	27	21
12000	658	22	17
14000	589	15	13
16000	544	7	7

CYPRUS SYNOPTIC 8h. ON 31st

34720 01964 30220 12090 60406 93960

34704 02894 02125 13070 22807 00040

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 55 ?6
Sunset 17 32

Month ~~FEBRUARY~~ January 1946

DAILY WEATHER REPORT

شهر فبراير ١٩٤٦

At 14h. on THURSDAY 31st JAN. — الساعة ١٤ يوم ١/٣١ / At 20h. on 31-1 — الساعة ٢٠ يوم الخميس ٣١ يناير

	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	SALŪM																							130
	MATRŪH	00	9	32	2	0	0	—	—	14.0	90	0	02	8	32	2	0	0	—	19.5	13.0	89	0	131
	MARIUT	81	6	26	2	8	8	9	15	14	88	2	01	7	24	1	1	3	8	18	12	88	0	150
	ALEXANDRIA	61	8	30	2	6	8	9	15.6	13.0	95	6	01	5	30	2	2	4	8	17.6	14.6	63	0	132
	DAMIETTA	01	8	26	3	1	3	8	13.6	16.9	69	0	00	8	26	1	1	2	8	16.3	13.4	77	0	159
	PORT SAʿĪD	01	8	26	3	1	4	6	13.8	18.1	69	0	00	8	26	2	0	0	—	18.8	14.9	92	0	134
	EL ʿARĪSH	01	7	28	5	0	4	9	—	16.5	59	0	00	7	28	2	0	0	—	[illegible]	11.5	72	0	135
LOWER EGYPT	DAMANHŪR	02	6	24	4	5	5	8	14.8	17.8	63	dr.	00	5	24	2	5	0	—	17.5	11.8	88	dr.	136
	MANSŪRA	01	8	02	2	1	4	8	14.2	17.4	65	0	01	6	24	1	1	4	8	18.0	14.4	70	0	137
	TANTA	50	8	00	0	5	5	9	14.8	19.0	67	dr.	00	8	00	0	5	0	—	18.0	11.0	94	dr.	138
	ZAGAZIG	01	6	28	2	0	5	8	14.2	17.8	67	0	00	6	28	2	0	0	—		13.7	98	0	139
	SHEBĪN EL KŌM	62	8	20	4	6	5	9	14.0	16.0	82	2	00	8	20	2	8	1	6		7.9	94	3	—
MIDDLE EGYPT	CAIRO ALMĀZA	01	8	28	3	5	5	8	14.1	18.6	46	dr.	05	6	00	0	5	4	6	18	13.5	80	dr.	141
	CAIRO EZBEKĪYA	02	8	28	3	5	6	8	14.4	19.2	48	dr.	00	7	28	1	5	0	—	18.0	14.1	81	dr.	—
	CAIRO GĪZA	02	8	30	2	1	5	9	14.6	17.9	55	0	00	7	28	1	0	0	—	18.2	11.1	89	0	—
	HELWĀN	02	8	26	4	2	6	9	14.4	18.0	46	0	00	7	30	2	6	0	—	18.0	14.0	69	dr.	143
	SUEZ	01	9	26	2	1	5	4	15.4	19.6	51	0	01	9	30	1	1	3	4	17.6	15.3	68	0	144
UPPER EGYPT	FAIYŪM	02	8	02	4	2	5	8	15.2	19.5	49	0	01	8	00	0	1	4	8	18.4	13.7	72	0	153
	MINYA	02	8	30	3	2	5	8	15.5	21.1	35	0	01	8	32	1	1	3	2	19.1	14.9	57	0	154
	ASYŪT	02	8	20	2	2	6	5	17.0	16.5	56	0	01	6	22	1	2	4	5	19.1	12.5	60	0	155
	NAG HAMĀDI	03	8	24	1	2	8	5	17.0	16.0	52	0	03	8	00	0	2	8	5	18.8	12.8	77	0	164
	QENA	02	7	26	2	1	6	4	15.9	17.4	49	0	02	6	22	2	1	6	4	18.2	12.8	75	0	156
	LUXOR	03	7	30	2	2	8	3	15.5	18.0	53	0	00	6	28	2	0	0	—	19.0	14.0	57	0	157
	ASWĀN	02	9	02	3	1	5	4	15.0	19.4	28	0	00	9	32	3	0	0	—	18.2	16.0	41	0	158
WESTERN DESERT	SĪWA	00	8	28	2	0	0	—	19.9	18.0	62	0	00	—	00	0	0	0	—	21.0	13.0	66	0	148
	BAHARĪYA	00	9	00	0	0	0	—	16.0	18.0	53	0												149
	KHĀRGA	02	8	28	2	2	6	9	17.4	18.2	45	0	00	9	28	1	0	0	—	19.1	15.2	61	0	151
	DAKHLA	00	8	28	4	0	0	—	18.3	18.4	50	0	00	6	28	1	0	0	—	19.6	10.7	60	0	152
RED SEA	TŌR	00	7	28	4	0	0	—	14.7	18.8	40	0	00	7	28	4	0	0	—	17.6	17.5	44	0	145
	HURGHĀDA	03	6	02	4	2	8	0	16.3	18.0	36	0	01	8	28	4	1	4	8	17.4	18.1	33	0	146
	QUSEIR	03	8	04	1	2	8	6	13.9	20.6	63	0	02	8	26	1	2	5	5	15.8	17.0	03	0	147
	PORT SŪDĀN	01	8	08	3	1	4	6	9	28	74													208
NORTH SŪDĀN	WĀDI HALFA	00	7	32	5	0	2	1	14	22	31													165
	KAREIMA	14	6	02	4	0	0	—	10	27	13													166
	ʿATBARA	00	7	32	5	0	0	—	7	31	21													167
	KHARTŪM	01	7	01	4	1	4	2	7	32	14													168
	KASSALA	02	8	30	4	1	5	1	2	36	24													170
CENTRAL SŪDĀN	WAD MEDANI	02	8	30	3	1	7	1	3	35	13													171
	RENK	00	9	28	3	0	0	—	—	35	22													182
	ROSEIRES	00	8	04	2	0	0	—	2	36	22													172
	EL OBEID	02	8	02	4	1	5	2	5	32	13													174
	EL FASHER	00	9	32	4	1	3	1	—	32	26													175
	GENEINA																							179
	KADUGLI	01	8	04	3	1	4	1	4	37	12													187
S. SŪDĀN	MALAKAL	01	8	04	2	1	5	4,5	3	36	12													176
	WĀU	02	8	00	0	1	8	4,5	0	33	26													177
	JUBA																							178

UPPER WINDS ON 31-1 (١/٣١ 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.

MATRŪH	MARIUT	PORT SAʿĪD	ALMĀZA	MINYA	LUXOR	HURGHĀDA	WĀDI HALFA	KAREIMA	KHARTŪM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13 h. 30 m.	12 h. 45 m.	h. m.	13 h. m.	13 h. m.	13 h. 45 m.	13 h. 15 m.	11 h. 15 m.	13 h. m.	12 h. 30 m.	13 h. m.	13 h. m.	h. m.
	03 31 20	03 29 20		03 31 10	03 34 25	03 30 60	09 36 20	09 01 35	09 36 30	09 35 15	09 02 20	09 02 30	
	06 34 20	06 29 20		06 36 25	06 34 20	06 30 60	15 35 30	15 01 40	15 36 30	15 36 20	15 03 25	15 03 25	
	09 32 30	09 28 15		09 32 35	09 33 20	09 34 55	21 30 45	21 02 40	21 04 30	21 16 05	21 01 20	21 02 30	
	12 32 30			12 32 30	15 32 25	15 30 55	27 26 75	24 12 10	24 02 20	27 16 10	27 32 20	27 03 20	
	15 29 30				21 30 30	18 32 20	30 25 75		30 04 30	33 15 15	33 24 15	33 04 25	
						21 31 40				39 24 05			
						24 30 40							
						30 31 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 31-1	Diff from normal	Wet bulb temp °C on 31-1	Diff from normal
Alexandria	62	-4	12.0	+0.7
Ezbekiya	72	+7	11.8	+1.5
Giza	77	+7	11.1	+1.3
Halwān	71	+16	10.7	+1.6

GĪZA — GRASS MINIMUM TEMP. ON 1-2 4.8° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 1-2 15.0° C

Discharges at Aswān measured by sluices m³ per sec.	1946	1945
Date 1-2	1389	1273
Date 31-1	1389	1273

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	1-2			12.69	-0.67
Nāsser		5.77	+0.17	5.83	+0.19
Malakāl		10.62	-0.16	10.67	-0.13
J. Aulia Res.				377.16	—
J. Aulia D S				371.66	+0.03
Roseires		12.45	+0.57	12.48	+0.58
Sennar Res.		20.68	—	20.68	—
Khartūm				10.62	+0.01
Kh. el Girba					
ʿAtbara		10.49	+0.04	10.50	+0.05
Kajnarti		133.19	-0.23	133.26	-0.21
Aswān Res.		120.79	—	120.85	—
Aswān D.S		85.96	-0.42	85.95	-0.41
Roda (Cairo)		15.03	+0.08	15.13	+0.35

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

At 8h. on FRIDAY 1st — الساعة ٨ يوم الجمعة 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.	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	SALŪM												—		—				63
	MATRŪH	00	9	20	2	0	3	8	[illegible]	[illegible]	11.9	17	-1	9	0	89	0	64	118
	MARIUT	02	7	20	3	0	5	6	18		11	17	—	9	—	76	2	127	109
	ALEXANDRIA	02	8	18	2	2	5	6	17.9	-0.3	12.0	18	0	10	0	65	6	110	147
	DAMIETTA	01	7	20	2	1	3	4	18.2	+1.1	9.8	17	—		—	88	0	40	71
	PORT SAʿĪD	00	7	18	3	0	0	—	19.1	+2.1	12.6	19	0	10	-1	81	0	32	51
	EL ʿARĪSH	00	7	16	1	6	0	—	19.5	+1.8	11.3	18	-1	9	+2		4	50	53
LOWER EGYPT	DAMANHŪR	01	6	24	3	1	3	8	17.9	+0.3	11.2	18	-2	8	+1	82	dr.	34	63
	MANṢŪRA	01	8	24	2	1	3	8	18.6	+1.3	8.0	20	0	6	-1	89	0	12	30
	ṬANṬA	00	8	20	2	0	0	—	19.9	+2.0	10.0	20	0	7	+1	94	dr.	38	24
	ZAGAZIG	00	6	18	2	0	1	8	19.8	+1.5	9.2	21	+1	7	+1	92	dr.	11	16
	SHEBĪN EL KŌM	00	8	14	2	0	0	—	20.2	+2.1	8.6	21	—	7	—	87	4	12	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	18	3	0	0	—	19.5	+1.3	11.0	20	—	8	—	80	dr.	2	—
	CAIRO EZBEKĪYA	09	5	16	2	0	1	4	19.9	+1.7	9.8	21	+1	9	+1	79	dr.	2	15
	CAIRO GĪZA	09	5	18	2	0	2	4	20.2	+2.1	9.4	19	0	7	+2	92	0	13	16
	ḤELWÂN	05	6	10	2	0	3	6	20.7	+1.8	10.0	18	-1	8	0	84	dr.	2	16
	SUEZ	00	9	06	1	0	0	—	20.7	+2.9	13.9	21	+1	10	0	76	0	—	11
UPPER EGYPT	FAIYŪM	09	6	00	0	0	0	—	20.7	+2.2	8.3	22	+1	8	+2	86	0	8	5
	MINYA	00	8	16	1	0	0	—	21.1	+2.0	11.4	22	+1	6	0	70	0	dr.	—
	ASYŪṬ	00	8	22	1	0	0	—	21.2	+1.4	10.0	18	-3	7	+1	63	0	0	4
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	20.7	+2.3	11.9	16	—	6	—	66	0	0	—
	QENA	00	8	22	2	2	0	—	20.7	+2.5	13.8	18	-5	6	-1	59	0	0	—
	LUXOR	00	6	28	2	0	0	—	20.6	+2.2	14.4	18	-7	6	—	63	0	0	—
	ASWÂN	02	9	32	3	1	5	1	19.4	+0.8	12.5	20	-4	10	0	49	0	0	—
WESTERN DESERT	SĪWA	00	7	00	0	0	0	—	20.4	+0.4	9.5	19	-1	7	+3	80	0	1	6
	BAHARĪYA	00	9	16	1	0	0	—	20.3	+1.1	10.4	19	-2	—	—	56	0	0	5
	KHÂRGA	01	9	00	0	1	3	8	20.7	+1.7	7.0	21	-2	3	-3	72	0	0	—
	DÂKHLA	00	7	28	2	0	0	—	22.7	+2.9	9.8	19	-3	4	-1	76	0	0	—
RED SEA	ṬŌR	00	7	04	3	0	0	—	18.2	+0.7	12.7	20	-1	10	+1	61	0	0	10
	HURGHÂDA	00	8	26	4	1	3	8	16.6	-0.6	14.2	20	-2	14	+4		0	0	3
	QUSEIR	01	8	28	1	1	4	3	17.6	+0.8	17.7	25	+2	15	+1	50	0	11	4
	PORT SŪDÂN	02	8	28	3	1	7	6	14		23					69	0	17	91
NORTH SŪDÂN	WÂDI HALFA	01	8	32	3	1	4	2	19		12					47	0	tr.	—
	KAREIMA	00	8	02	4	0	0	—	17		14					39	0	7	1
	ʿATBARA	00	7	30	5	0	0	—	13		18					37	0	2	2
	KHARTÛM	00	8	30	4	0	0	—	13		18					30	0	3	4
	KASSALA	00	8	04	2	0	0	—	9		24					74	0	31	8
CENTRAL SŪDÂN	WAD MEDANI	00	9	30	3	0	0	—	13		20					33	0	12	12
	RENK	01	9	28	3	1	4	4	9		23		—		—	27	—	—	49
	ROSEIRES	00	7	28	2	0	0	—	12		24					34	0	20	36
	EL OBEID	00	8	30	4	0	1	4	13		17					28	0	44	16
	EL FÂSHER	00	8	02	4	0	0	—	—	—	15					52	0	2	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI	02	7	04	4	1	6	—	11		23		—		—	38	—	—	89
S. SŪDÂN	MALAKÂL	01	7	02	4	1	4	4,5	9		25					19	0	170	88
	WÂU	01	8	32	3	1	4	4	9		25					26	0	113	144
	JUBA	00	8	00	0	1	1	4	9		25					54	0	188	146

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.

MATRŪH	MARIUT	PORT SAʿĪD	HELWÂN	MINYA	ASYŪṬ	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTŪM
7 h. 15 m.	7 h. m.	7 h. 30 m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.
03 25 50	03 22 60	03 23 30				03 33 15		09 03 55	09 04 30	09 03 35	09 36 40
06 27 55	06 25 45	06 23 30				06 01 25		15 01 35	15 05 20	15 01 20	15 35 40
09 28 45	09 26 40	09 22 30				09 01 45		21 29 20	21 04 20	21 36 10	21 35 15
12 28 45	12 25 45	12 25 20				12 03 35		27 29 65	27 03 20	24 27 05	24 35 10
15 28 45		15 28 15				18 05 05		39 27 80			30 34 15
		18 29 15				24 01 10					
		21 27 25				30 31 10					
		24 26 20				36 33 15					
		27 26 25				42 32 20					

KASSALA	PORT SŪDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
09 05 30		09 01 55	09 03 35		09 02 60
15 04 40		15 03 50	15 04 40		15 04 50
21 36 40		21 06 25	21 01 10		18 12 20
27 09 25		27 01 05	24 01 05		27 10 30
33 09 15		33 34 15			
39 03 30		39 32 30			

UPPER AIR TEMP. ALMÂZA AT 23h. G.M.T. ON 31-1

Height feet	P.P.P. m.b.	T T °F	t t °F
Surface	1008	50	48
500	990	55	51
1000	972	53	49
1500	954	51	47
2000	937	48	46
4000	871	41	36
6000	808	34	31
8000	749	28	25
10000	693	22	19
12000	641	15	11
14000	592	7	5
16000	546	0	0

CYPRUS SYNOPTIC 8h. ON 1st

34760 02757 00057 15090 80304 93071
34924 01762 20114 15089 69301 00100

PRESENT WEATHER 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 6h 42m
Sunset 17 33

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

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on FRIDAY 1 st — الساعة ١٤ يوم الجمعة ١
At 20h. on 1 st — الساعة ٢٠ يوم الجمعة ١
At 8h. on SATURDAY 2 nd — الساعة ٨ يوم السبت ٢

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 8-14 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	20h. RAIN 14-20 mms	STATION NUMBER
MEDITERRANEAN SALÛM																							130
MATRÛH	12	7	24	3	3	0	—	14.2	18.1	52	0	07	8	24	2	1	4	8	14.3	13.0	77	0	131
MARIUT	00	7	21	5	2	1	8,4	13	19	46	0	02	7	22	3	2	5	6	14	16	49	0	150
ALEXANDRIA	01	8	18	5	2	4	8	14.8	17.0	57	0	03	5	22	5	5	8	6	14.7	16.0	59	dr.	132
DAMIETTA	02	8	20	3	1	5	6	15.8	17.9	51	0	02	7	14	2	1	5	6	16.2	14.0	73	0	159
PORT SAÏD	01	8	20	3	1	3	8	16.4	19.4	40	0	01	8	16	3	1	4	6	15.9	16.2	49	0	134
EL ʿARÎSH	00	7	06	2	0	3	8	17.6	20.8	46	0	00	7	00	0	0	0	—	16.0	18.3	68	0	135
LOWER EGYPT DAMANHÛR	01	7	20	5	1	5	8	16.6	17.3	58	0	01	6	20	3	2	5	6	14.2	12.2	87	0	136
MANSURA	01	8	20	2	1	4	8	16.2	19.6	39	0	00	6	02	2	1	0	—	14.3	14.6	57	0	137
TANTA	01	8	24	4	1	4	8	17.1	21.0	49	0	02	8	20	2	2	7	7	16.4	16.0	64	0	138
ZAGAZIG	01	6	18	3	1	4	8	16.8	19.2	43	0	00	6	16	1	0	0	—	17.0	14.1	58	0	139
SHEBÎN EL KÔM	00	8	18	4	0	1	8	—	20.6	35	0	01	8	14	2	0	3	6	—	14.4	58	0	—
MIDDLE EGYPT CAIRO ʿALMAZA	01	8	19	4	0	3	8	16.6	19.2	23	0	00	7	20	3	0	0	—	16.6	15.6	29	0	141
CAIRO ʿEZBEKIYA	01	8	16	3	0	3	8	17.0	20.3	37	0	00	7	18	1	0	0	—	17.0	14.2	63	0	—
CAIRO GÎZA	01	8	16	3	0	4	8	16.8	19.9	38	0	00	6	16	1	0	0	—	16.7	12.4	58	0	
HELWAN	01	9	20	3	1	4	8	17.5	17.9	37	0	00	7	16	2	0	0	—	17.1	13.8	60	0	143
SUEZ	00	9	14	1	0	3	2	17.9	19.9	40	0	00	9	00	0	0	0	—	18.2	15.9	51	0	144
UPPER EGYPT FAYUM	01	8	22	1	1	4	8	17.8	20.0	35	0	00	8	22	1	0	0	—	17.6	14.0	60	0	153
MINYA	01	8	28	1	1	4	8	18.6	21.6	30	0	00	8	32	1	1	0	—	19.2	13.2	72	0	154
ASYÛT	00	8	02	1	0	0	—	18.4	18.3	45	0	00	6	22	1	0	0	—	19.1	12.5	60	0	155
NAG HAMADI	00	8	26	1	0	0	—	17.1	20.0	36	0	00	8	00	0	0	0	—	18.2	12.6	70	0	164
QENA	00	8	22	2	0	0	—	17.2	21.4	45	0	00	6	22	2	0	0	—	17.2	14.6	57	0	156
LUXOR	00	7	30	2	0	0	—	17.1	22.5	41	0	00	6	28	2	0	0	—	18.4	14.5	53	0	157
ASWAN												00	9	30	2	0	0	—	16.3	19.0	30	0	158
WESTERN DESERT SÎWA	00	8	22	4	0	0	—	19.1	20.6	60	0	00	—	22	4	0	0	—	17.4	16.0	79	0	148
BAHARÎYA	00	9	24	1	0	0	—	18.4	20.0	32	0	00	—	00	0	0	0	—	19.3	11.5	70	0	149
KHARGA	00	9	32	1	0	2	8	19.6	19.0	43	0	00	9	32	1	0	0	—	18.0	14.2	47	0	151
DAKHLA	00	6	28	3	0	0	—	18.6	22.9	45	0	00	6	28	1	0	0	—	20.3	12.9	52	0	152
RED SEA TÛR	00	7	28	3	0	0	—	15.0	20.8	29	0	00	7	28	3	0	0	—	17.4	17.5	51	0	145
HURGHADA	01	8	30	2	0	3	6	—	21.1	62	0	00	8	30	4	0	0	—	—	18.9	63	0	146
QUSEIR	00	8	32	3	0	0	—	16.6	22.4	55	0	00	8	04	1	0	0	—	15.4	16.8	46	0	147
PORT SUDAN	03	8	04	3	2	8	6	12	25	65													169
NORTH SUDAN WADI HALFA	01	8	02	4	1	5	2	16	22	23													165
KAREIMA																							166
ʿATBARA	00	7	32	4	0	0	—	9	31	31													167
KHARTÛM	00	8	30	4	0	0	—	9	28	27													168
KASSALA	00	8	02	2	0	0	—	4	34	32													170
CENTRAL SUDAN WAD MEDANI																							171
RENK	00	9	28	3	0	0	—	3	32	26													182
ROSEIRES																							172
EL OBEID	00	8	02	4	0	0	—	8	28	16													174
EL FASHER	00	8	04	2	0	0	—	—	28	35													175
GENEINA	00	7	04	4	0	0	—	—	29	10													179
KADUGLI	00	8	04	4	1	1	1	7	33	—													187
S. SUDAN MALAKÂL	00	8	32	4	1	2	4	5	33	14													176
WÂU	05	6	02	2	1	6	2	4	34	14													177
JUBA	00	8	02	3	0	3	8,4	2	38	21													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 st

MATRÛH	MARIUT	PORT SAÏD	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. m.	13 h. m.	h. m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h. 15 m.	h. m.	13 h. m.	12 h. 30 m.	12 h. 15 m.	13 h. 30 m.	13 h. 15 m.
03 31 30				03 26 10	03 33 10		09 35 55		09 01 20	09 36 15	09 02 20	09 04 30	09 10 20
06 22 40				06 28 05	06 35 05		15 01 55		15 01 20	15 04 10	15 03 30	15 04 20	15 08 30
09 21 85				09 25 10	09 36 10		21 01 20		21 28 05	21 35 10	21 03 20	21 06 20	21 09 20
15 28 105				15 25 25	15 02 05		27 30 60		24 27 15	27 31 05	27 34 25	27 09 10	27 08 30
21 28 95				21 25 20	21 36 05		30 27 55		30 27 25	33 22 10	33 33 15	33 03 15	33 02 05
30 21 35				30 27 25	27 35 05				33 27 30	39 11 05			39 03 05
					33 34 20				39 35 20				
					39 33 15				45 33 15				

UPPER WINDS ON 2 nd

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
6 h. 30 m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
09 03 15	09 07 15	09 01 15	09 05 25	09 07 15	09 02 55
15 05 15		15 03 10	15 06 20	15 07 20	15 03 60
21 07 15		21 03 10		21 36 10	21 03 55
27 01 15		33 04 40		27 06 25	27 04 40
33 33 15				33 05 05	30 06 35
39 32 15				39 21 15	
51 31 25					
63 29 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 1 st	HUMIDITY Diff from normal	WET BULB TEMP on 1 st	WET BULB TEMP Diff from normal	Previous day Reading	Previous day Diff from normal
Alexandria	58	— 8	11.2	— 0.1		
Ezbekiya	60	— 5	10.3	0.0		
Giza	70	0	10.0	+ 0.1		
Helwân	62	+ 7	9.6	+ 0.5		

GIZA — GRASS MINIMUM TEMP ON 2 nd 6.8° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 2 nd 15.0° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba					
Nasser				5.77	+ 0.17
Malakâl	6	10.57	— 0.17	10.62	— 0.16
J. Aulia Res	6				
J. Aulia D.S	4				
Roseires	1	12.43	+ 0.57	12.45	+ 0.57
Sennar Res.	4			20.68	—
Khartum	4				
Kh. el Girba	4				
Atbara	4			10.49	+ 0.04
Kajnarti				133.19	— 0.23
Aswân Res.		130.78	—	130.79	—
Aswân D.S		88.98	— 0.62	86.96	— 0.82
Roda (Cairo)		15.05	+ 0.02	16.03	+ 0.08

	DATE	1946	1945
Discharges at Aswan measured by sluices m³ per sec.	2 — 2	1389	1273
	1 — 2	1389	1273

Printed by the Survey of Egypt, 1946 (45/306)

UPPER AIR TEMP — ALMAZA AT 24 GMT ON 1 st

HEIGHT FEET	PPP m.b.	TT °C	td °F
Surface	1006	66	47
500	969	57	48
1000	930	57	47
1500	892	55	46
2000	855	52	43
4000	849	42	37
6000	806	32	31
8000	767	25	23
10000	692	26	21
12000	640	22	16
14000	591	15	11
16000	548	8	6

CYPRUS SYNOPTIC 8h. ON 2 nd

34780 21558 00668 12100 80404 34091
34930 03858 16288 12110 70302 28101

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	19-28	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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	8
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 06 h. 45 m.
Sunset 17 h. 33 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on SATURDAY 2nd (الساعة ١٤ يوم السبت ٢) — **At 20h. on 2nd** (الساعة ٢٠ يوم السبت 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 8-14h 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	2	0	4	8	14.3	15.0	78	0	50	8	32	2	0	4	9	14.3	14.0	78	0	131
	MARIUT	01	7	28	4	8	4	8	13	16	59	R.	81	7	27	2	8	5	9	15	13	67	R	150
	ALEXANDRIA	02	8	26	4	6	5	9	13.0	12.6	80	3	01	5	26	4	5	4	9	15.6	13.2	62	tr.	132
	DAMIETTA	14	8	18	5	1	6	8	12.3	15.2	55	0	07?	7	20	2	1	3	9	14.0	10.0	87	0	159
	PORT SAʿÎD	14	8	18	5	3	4	4	12.4	16.8	40	0	14	8	20	4	3	0	—	14.3	13.6	76	0	134
	EL ʿARÎSH	02	7	20	2	1	7	9	15.5	15.9	64	0	00	7	20	1	0	0	—	—	11.3	78	0	135
LOWER EGYPT	DAMANHÛR	01	7	24	4	8	4	8	13.4	14.8	70	dr.	21	5	24	2	5	4	8	15.0	11.0	82	dr.	136
	MANSÛRA	02	8	24	3	2	5	9	12.7	16.8	76	0	00	6	24	1	5	0	—	15.5	10.8	84	dr.	137
	TANTA	60	8	20	5	6	5	9	13.9	15.0	73	tr.	00	8	24	2	1	0	—	16.4	10.0	87	0	138
	ZAGAZIG	01	6	22	3	1	4	8	13.8	16.2	55	0	00	6	24	2	0	0	—	14.3	11.1	80	0	139
	SHEBÎN EL KÔM	02	8	26	4	1	5	8	13.2	15.9	53	0	00	8	26	2	0	0	—	14.0	10.8	79	0	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	22	5	1	4	8	13.6	18.3	32	0	00	7	22	1	1	0	—	16.7	12.8	57	0	141
	CAIRO EZBEKÎYA	02	7	22	5	1	5	8	14.4	18.3	38	0	00	6	00	0	0	0	—	16.6	12.8	66	0	—
	CAIRO GÎZA	01	8	20	4	1	5	8	14.6	17.5	43	0	00	7	00	0	0	0	—	16.6	11.4	67	0	—
	HELWÂN	02	8	24	4	2	6	8	14.6	15.9	35	0	00	7	26	2	0	0	—	16.6	12.8	52	0	143
	SUEZ	01	9	22	2	1	3	5	14.8	18.7	27	0	00	9	28	1	0	0	—	17.0	14.2	51	0	144
UPPER EGYPT	FAIYÛM	01	8	26	5	1	4	8	15.6	17.8	39	0	50	8	00	0	1	5	9	17.1	14.0	56	dr.	153
	MINYA	01	9	24	3	1	5	—	16.4	20.2	18	0	00	8	30	1	0	0	—	18.8	12.7	54	0	154
	ASYÛT	00	8	26	2	1	0	—	17.0	17.9	37	0	00	6	22	1	0	0	—	19.1	10.9	53	0	155
	NAGʿ HAMÂDI	00	8	24	1	0	0	—	16.0	20.0	32	0	00	8	00	0	0	0	—	17.9	10.9	65	0	164
	QENA	00	8	22	3	0	0	—	15.2	20.6	35	0	00	6	24	2	0	0	—	17.8	12.8	57	0	156
	LUXOR	00	7	22	2	0	0	—	16.3	22.0	36	0	00	6	28	2	0	0	—	18.7	13.3	46	0	157
	ASWÂN	00	9	30	3	0	0	—	15.4	21.0	20	0	00	9	30	1	0	0	—	15.8	18.8	24	0	158
WESTERN DESERT	SÎWA	00	7	28	1	0	0	—	19.6	17.0	80	0	00	—	28	1	0	0	—	20.0	14.0	67	0	148
	BAHARÎYA	00	9	32	1	0	0	—	16.0	19.1	53	0	00	—	00	0	0	0	—	18.0	12.0	76	0	149
	KHÂRGA	00	9	32	1	0	0	—	17.6	19.9	43	0	00	9	22	1	0	0	—	19.2	12.0	43	0	151
	DAKHLA	00	8	28	4	0	0	—	18.2	18.2	49	0	00	6	28	2	0	0	—	20.7	10.6	47	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	17.4	19.3	47	0	00	7	28	4	0	0	—	17.5	17.3	48	0	145
	HURGHÂDA	00	9	02	4	0	0	—	14.7	17.5	51	0	00	8	30	4	0	0	—	—	13.5	82	0	146
	QUSEIR	00	8	04	2	0	0	—	14.0	22.2	50	0	00	8	04	1	0	0	—	14.6	16.8	56	0	147
	PORT SÛDÂN	02	8	32	4	1	7	6	11	25	70	—												189
NORTH SÛDÂN	WÂDI HALFA	00	8	28	3	0	2	1	15	21	31													165
	KAREIMA	00	8	32	3	0	0	—	13	26	16													166
	ʿATBARA	00	8	32	2	0	0	—	8	28	35													167
	KHARTÛM	00	8	32	3	0	0	—	10	28	23													168
	KASSALA	00	8	30	4	0	0	—	4	33	41													170
CENTRAL SÛDÂN	WAD MEDANI	00	8	30	6	0	0	—	7	31	28													171
	RENK	00	9	30	3	0	0	—	—	32	26													182
	ROSEIRES	00	8	28	1	0	0	—	6	33	30													172
	EL OBEID	00	9	32	4	0	0	—	9	27	23													174
	EL FÂSHER																							175
	GENEINA																							179
	KADUGLI	00	8	04	4	0	0	—	7	32	13													187
S. SÛDÂN	MALAKÂL	00	7	04	3	0	0	—	5	33	26													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 2nd

MATRÛH 12h.	MARIUT 13h.	PORT SAʿÎD 12h.15m.	ALMÂZA	MINYA 10h.45m.	LUXOR 13h.	HURGHÂDA	WÂDI HALFA 13h.15m.	KAREIMA 13h.	KHARTÛM 12h.	KASSALA 12h.30m.	EL OBEID 12h.	MALAKAL 12h.	JUBA
03 32 35	03 30 30	03 22 40		03 28 30	03 31 35		09 35 20	09 35 25	09 34 15	09 01 20	09 01 35	09 04 30	
06 32 35	06 29 45	06 24 55		06 29 45	06 30 45		12 33 15	15 32 20	15 30 35	15 11 05	15 05 35	15 03 70?	
09 33 40	09 28 65	09 24 40		09 28 35	09 31 60		21 31 20	21 27 20	21 27 15	20 06 05	21 09 10	21 02 20	
15 32 40	12 28 50	15 24 60		15 29 20	15 33 20		27 29 20	24 27 50	24 27 20	27 03 10	27 36 05	27 05 20	
	15 28 55			21 28 15	21 35 50		33 29 35	30 24 60	[illegible] 26 30		33 29 10	33 07 10	
							39 29 30	39 27 50	39 29 15		39 23 16	39 01 15	
							45 24 60					51 22 05	

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
	3–2	1389	1273
	2–2	1389	1273

STATION	Mean of day: Humidity on 2nd	Diff from normal	Wet bulb temp on 2nd	Diff from normal
Alexandria	63	−3	9.6	−1.7
Ezbekiya	62	−3	10.1	−0.2
Giza	65	−5	9.8	−0.1
Helwân	55	0	8.4	−0.7

GIZA — GRASS MINIMUM TEMP on 3rd 4.8°

CAIRO — WATER TEMP RIVER NILE 8h. on 3rd 14.8° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				5.73	+0.17
Malakâl		10.66	−0.18	10.59	−0.17
J. Aulia Res.				377.04	—
J. Aulia D S				371.69	+0.10
Roseires		12.41	+0.57	12.43	+0.57
Sennar Res.				20.66	—
Khartum				10.57	+0.01
Kh. el Girba					
Atbara		10.49	+0.06	10.49	+0.05
Kajnarti		133.06	−0.29	133.12	−0.27
Aswân Res.		120.65	—	120.73	—
Aswân D.S		85.95	−0.44	85.96	−0.42
Roda (Cairo)		15.06	−0.06	15.05	+0.02

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

At 8h. on SUNDAY 3rd (الساعة ٨ يوم الأحد 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.	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												—		—				65
	MATRÛH	01	9	32	2	6	3	8	19.6	+2.3	15.4	16	−2	5	−4	69	tr.	65	120
	MARIUT	01	7	31	2	1	4	9	17		15	16	—	12	—	69	9	140	111
	ALEXANDRIA	01	8	04	4	5	4	8	18.2	+0.1	15.0	16	−2	9	−1	56	4	117	149
	DAMIETTA	00	7	20	2	5	3	8	16.2	−0.8	10.1	16	—	—	—	87	tr.	41	72
	PORT SAʿÎD	01	8	20	3	1	3	8	16.3	−0.6	11.8	17	−2	9	−2	84	0	32	52
	EL ʿARÎSH	02	7	20	5	1	6	7	15.9	−1.7	11.1	18	−1	8	+1	84	0	50	54
LOWER EGYPT	DAMANHÛR	01	5	24	2	6	3	8	17.1	−0.4	9.0	17	−3	8	+1	97	8	43	64
	MANSÛRA	00	8	24	1	5	0	—	16.8	−0.4	8.2	18	−2	7	0	93	2	14	30
	TANTA	00	8	00	0	0	0	—	17.1	−0.6	9.8	17	−3	5	−1	94	3	41	24
	ZAGAZIG	00	6	26	1	0	2	8	17.6	−0.5	9.2	—	—	6	0	92	2	6	16
	SHEBÎN EL KÔM	00	9	20	2	0	0	—	16.7	−1.3	8.2	18	—	7	—	94	0	12	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	20	2	0	3	4	18.0	−0.1	10.0	18	—	8	—	84	0	2	—
	CAIRO EZBEKÎYA	09	6	18	1	0	3	4	18.2	+0.1	9.8	19	−1	9	+1	86	0	2	16
	CAIRO GÎZA	09	5	22	1	0	3	4	18.6	+0.6	10.4	20	+1	6	0	87	0	13	16
	HELWÂN	02	7	00	0	2	6	6	18.7	−0.1	8.4	17	−2	8	0	87	0	2	16
	SUEZ	02	8	06	2	2	6	5	18.7	+1.0	12.1	20	0	8	−2	74	0	—	11
UPPER EGYPT	FAIYÛM	00	7	22	1	1	2	8	19.4	+1.0	8.5	19	−2	7	+1	79	dr.	8	5
	MINYA	00	9	30	1	0	0	—	20.7	+1.8	9.8	20	−1	6	0	80	0	dr.	—
	ASYÛT	00	6	22	1	0	0	—	20.7	+1.0	10.0	19	−2	7	+1	64	0	0	4
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	20.2	+1.9	10.9	20	—	3	—	69	0	0	—
	QENA	06	7	24	2	0	0	—	—	—	9.8	22	−2	5	−2	66	0	0	—
	LUXOR	00	7	28	2	0	0	—	20.0	+1.8	13.8	22	−3	5	−7	46	0	0	—
	ASWÂN	00	9	00	0	0	0	—	19.9	+1.3	12.0	22	−2	9	−1	43	0	0	—
WESTERN DESERT	SÎWA	00	7	24	1	0	0	—	21.8	+1.8	10.0	19	−1	7	+3	87	0	1	6
	BAHARÎYA	00	9	00	0	0	0	—	—	—	11.0	20	−1	7	+2	75	0	0	6
	KHÂRGA	00	9	00	0	0	0	—	20.8	+2.0	10.0	21	−2	6	0	62	0	0	—
	DAKHLA	00	7	24	1	0	0	—	22.6	+3.0	7.9	19	−4	5	0	76	0	0	
RED SEA	TÔR	00	7	04	4	0	0	—	17.8	+0.4	13.2	21	0	8	−1	51	0	0	10
	HURGHÂDA	00	9	26	3	0	0	—	16.4	−0.7	13.5	22	0	12	+2	73	0	0	3
	QUSEIR	00	8	24	2	0	0	—	17.4	+0.7	15.0	24	+1	12	−2	45	0	11	4
	PORT SÛDÂN	02	8	30	3	1	7	4,5	13		23					65	0	17	91
NORTH SÛDÂN	WÂDI HALFA	00	8	02	2	0	0	—	20		11					44	0	tr.	
	KAREIMA	00	8	02	3	0	0	—	17		14					32	0	7	1
	ʿATBARA	00	7	30	4	0	0	—	14		17					28	0	2	2
	KHARTÛM	00	8	32	3	0	0	—	14		17					34	0	3	4
	KASSALA	00	8	00	0	0	0	—	11		20					83	0	31	8
CENTRAL SÛDÂN	WAD MEDANI	00	9	02	3	0	0	—	13		19					23	0	13	12
	RENK	00	9	28	3	0	0	—	10?		19		—		—	40	—	—	49
	ROSEIRES	01	7	04	2	0	4	2	—		21					17	0	80	36
	EL OBEID	00	9	32	3	0	0	—	15		15					25	0	44	16
	EL FÂSHER	00	9	32	3	0	0	—	—	—	14					32	0	2	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI	01	8	20	3	1	4	1	12		21					17	—	—	89
S. SÛDÂN	MALAKÂL	00	8	32	5	0	0	—	10		23					20	0	170	88
	WÂU	00	7	02	3	0	3	1	9		23					27	0	113	145
	JUBA	05	7	24	1	0	0	—	9		25					48	0	188	146

Upper Winds are in the Code HHDDVV where HH is Height 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~~ 7h.	~~MARIUT~~ 7h.	PORT SAʿÎD 7h.15m.	HELWÂN 9h.	MINYA 7h.30m.	ASYÛT 7h.	LUXOR 7h.	ASWÂN 7h.	WÂDI HALFA 7h.30m.	ABU HAMAD 7h.	KAREIMA 7h.15m.	KHARTÛM 6h.45m.
03 35 30	03 35 35	03 27 30	02 18 15	03 30 30	02 31 25	03 33 20	02 36 20	09 03 45	09 02 20	09 01 20	09 36 40
06 35 35	06 35 45	12 31 30	05 28 10	06 32 30	05 33 30	06 32 35	05 36 60	15 33 25	15 25 05	15 03 20	15 36 05
09 35 30	09 35 50	15 32 26	08 30 35	09 32 35	10 32 30	09 33 40	10 36 20	21 30 20	21 33 15	21 02 10	21 29 20
	12 34 50	24 32 30	10 31 35	15 32 30	18 32 35	18 34 25	15 33 30	27 28 45	27 28 20	24 32 15	24 27 15
	15 34 40	33 34 30	12 31 40	21 33 20	20 32 35	24 36 30		33 28 60	30 30 35	27 28 30	30 23 10
	21 35 40	36 34 28		24 33 40	28 32 40	30 01 25				30 28 35	39 25 05
	27 35 40					36 04 25				39 28 40	
						42 34 15				51 24 60	

KASSALA 7h.	PORT SÛDÂN 7h.15m.	EL OBEID 7h.	EL FÂSHER 8h.15m.	GENEINA	MALAKAL 7h.
09 04 15	09 05 15	09 03 25	09 02 25		09 03 60
15 03 20		15 03 20	15 05 35		15 04 60
21 36 20		21 30 10	21 08 05		21 04 20
27 35 10		27 36 05	27 09 15		27 04 10
		33 01 30	33 05 30		33 07 05
			39 04 30		39 08 10

UPPER AIR TEMP. ALMÂZA AT 24h GMT ON 2nd

HEIGHT feet	PPP m.b.	TT °F	tt °F
Surface	1007	52	47
500	990	51	47
1000	972	48	46
1500	958	47	44
2000	937	45	43
4000	871	38	36
6000	808	30	28
8000	749	24	22
10000	694	18	16
12000	641	10	9
14000	592	3	2
16000	546	−4	−5

CYPRUS SYNOPTIC 8h. ON 3rd
34780 02855 06325 15120 80309 09071
34880 01864 06264 16100 80307 18071

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

M.K.

Time of Sunrise 06 h. 44 m.
Sunset 17 h. 34 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 P.S.

DAILY WEATHER REPORT

Month February 1946 — شهر فبراير ١٩٤٦

At 14h. on Sunday 3rd (الساعة ١٤ يوم ٣) — At 20h. on 3rd (الساعة ٢٠ يوم الأحد 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)	°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	02	9	28	3	1	6	8	21.6	14.0	—	0	92	8	28	2	6	6	9	21.0	13.5	77	tr.	131
Mariut	01	7	31	3	1	4	8		15	52	0	25	7	04	1	8	4	8	21	14	77	tr.	150
Alexandria	01	9	02	4	5	4	8	15.6	17.4	57	dr.	01	5	02	3	5	4	8	21.2	15.0	64	dr.	132
Damietta	01	8	28	5	1	3	8	16.3	16.7	71	0	01	7	30	1	1	3	6	19.2	13.7	74	0	159
Port Saîd	01	8	28	3	1	4	8	16.2	17.8	67	0	00	8	28	3	5	2	8	19.5	14.2	75	1	134
El 'Arîsh	01	7	20	5	1	4	9	16.4	16.4	64	0	02	7	20	3	5	6	6	—	12.3	62	[illegible]	135
Lower Egypt																							
Damanhûr	01	7	32	3	1	4	8	18.0	17.3	68	0	00	6	32	2	1	0	—	20.7	11.2	90	0	136
Mansûra	01	7	30	3	5	4	8	17.0	17.2	62	dr.	00	6	28	1	1	0	—	20.7	12.8	86	0	137
Tanta	01	8	32	4	1	4	8	17.8	17.7	66	0	00	8	24	1	0	0	—	20.4	11.7	93	0	138
Zagazig	02	6	28	3	1	5	8	17.8	17.8	57	0	00	6	26	2	0	0	—	18.3	11.2	90	0	139
Shebîn el Kôm	01	9	30	4	1	4	8	17.4	18.9	49	0	00	9	30	2	0	0	—	—	11.9	87	0	—
Middle Egypt																							
Cairo: Almaza	01	8	26	3	1	4	8	17.5	17.7	52	0	00	8	30	1	1	0	—	20.7	13.4	75	0	141
Cairo: Ezbekîya	01	8	30	2	1	4	8	17.9	18.9	46	0	00	6	28	2	0	0	—	20.7	14.1	76	0	—
Cairo: Gîza	02	8	30	2	1	5	8	17.8	17.8	49	0	00	6	28	2	0	0	—	20.6	12.2	78	0	—
Helwân	02	8	26	5	2	5	8	17.9	17.6	41	0	00	7	30	2	0	0	—	20.7	14.0	67	0	143
Suez	01	9	26	2	1	5	8	19.2	18.2	37	0	02	8	26	1	2	5	5	19.8	15.9	59	0	144
Upper Egypt																							
Faiyûm	01	8	32	3	1	4	8	18.2	18.1	47	0	01	8	00	0	1	4	8	21.1	12.9	72	0	153
Minya	02	8	32	3	2	5	8	18.2	20.6	32	0	00	8	30	1	1	0	—	19.6	13.9	62	0	154
Asyût	01	8	26	1	1	4	8	19.0	17.8	49	0	00	6	22	1	1	0	—	20.4	14.0	57	0	155
Nag Hamâdi	00	8	26	2	0	0	—	18.2	17.6	44	0	00	8	00	0	0	0	—	21.0	12.3	74	0	164
Qena	00	8	22	2	0	0	—	18.5	20.0	—	0	00	6	24	1	0	0	—	19.0	14.2	51	0	156
Luxor	00	7	30	2	0	0	—	18.6	20.0	40	0	00	6	28	2	0	0	—	19.9	14.8	51	0	157
Aswân	00	9	32	3	0	0	—	16.2	19.0	23	0	00	9	30	1	0	0	—	19.2	17.0	26	0	158
Western Desert																							
Sîwa	02	8	00	0	1	7	4	21.5	19.0	63	0	00	—	00	0	0	0	—	22.4	16.0	69	0	148
Baharîya																							149
Khârga	00	9	32	1	0	0	—	18.8	14.0	79	0	00	9	32	1	0	0	—	20.0	13.2	64	0	151
Dâkhla	00	8	28	4	0	0	—	20.0	16.9	53	0	00	6	28	1	0	0	—	21.9	11.2	59	0	152
Red Sea																							
Tôr	00	7	28	5	0	0	—	17.9	18.8	36	0	00	7	28	4	0	0	—	17.4	18.5	52	0	145
Hurghâda	01	8	30	4	1	4	8	—	18.0	49	0	00	8	30	4	0	0	—	—	18.5	—	0	146
Quseir	00	8	02	2	0	0	—	16.0	21.5	42	0	00	8	30	2	0	0	—	17.1	18.0	53	0	147
Port Sûdân	02	8	02	4	1	5	6	13	25	61	0												169
North Sûdân																							
Wâdi Halfa	00	8	04	4	0	1	1	17	19	30	0												165
Kareima	00	8	02	4	0	1	2	13	26	—	0												166
'Atbara	00	7	32	5	0	0	—	10	28	25	0												167
Khartûm	00	8	30	4	0	0	—	10	28	25	0												168
Kassala	00	8	30	3	0	0	—	5	32	36	0												170
Central Sûdân																							
Wad Medani	00	8	32	3	0	0	—	7	31	24	0												171
Renk	00	9	28	3	0	0	—	—	31	26	0												182
Roseires	00	8	04	3	1	0	—	—	34	29	0												172
El Obeid	00	9	02	4	0	0	—	9	28	20	0												174
El Fâsher	00	8	04	2	0	0	—	—	28	19	0												175
Geneina																							179
Kadugli	00	8	04	4	1	3	1	7	32	17	0												187
S. Sûdân																							
Malakâl	00	8	02	4	0	3	4	5	33	20	0												176
Wâu	00	8	04	2	0	1	4	5	37	19	0												177
Juba	00	8	30	2	0	1	8	3	37	25	0												178

Upper Winds on 3rd

Upper Winds are in the Code HHDDVV where HH is Height above 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.	13 h.	12 h. 30 m.	h. m.	h. m.	13 h. 15 m.	13 h. 15 m.	13 h. 15 m.	13 h.	13 h.	12 h. 45 m.	12 h.	12 h. 45 m.	13 h.
03 28 30	03 34 45	03 30 35			03 33 15	03 35 40	10 36 35	10 01 30	10 36 30	10 36 25	10 02 30	10 03 30	10 04 10
06 28 30	06 34 55	06 31 40			06 32 15	06 32 30	15 35 30	15 01 20	15 33 10	15 05 05	15 03 40	15 03 30	15 09 10
10 28 30	10 34 35	10 32 40			10 32 20	10 30 35	20 31 35	20 33 10	20 27 20	20 04 10	20 05 25	20 05 35	20 07 30
	12 34 35	12 32 45			15 31 40	12 31 35	25 30 40	25 29 20	25 28 25	25 35 20	25 06 20	25 03 20	25 05 25
	15 34 45				20 29 45		35 27 65	27 27 40	30 25 05	35 32 20	35 35 25	35 02 20	35 04 40
	18 36 40						40 27 65	30 25 35	40 20 05	40 31 15	40 29 20		40 03 45
								40 26 35					

At 8h. on Monday 4th (الساعة ٨ يوم الاثنين 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	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												—		—				66
Matrûh	01	9	20	1	0	4	8	—	—	11.5	17	-1	9	0	—	tr.	65	121
Mariut	02	7	00	0	8	7	6	22		13	18	—	9	—	88	tr.	140	113
Alexandria	02	8	32	2	2	5	6	22.7	+4.6	15.6	19	0	9	-1	60	dr.	117	151
Damietta	01	7	22	1	5	5	7	20.8	+3.9	13.2	17	—	—	—	87	tr.	41	73
Port Saîd	01	8	24	3	1	5	6	22.0	+5.1	14.2	19	0	11	0	83	1	33	52
El 'Arîsh	02	7	20	3	5	6	9	21.1	+3.5	13.3	17	-2	9	+2	85	1	51	55
Lower Egypt																		
Damanhûr	01	6	24	2	1	3	4	22.7	+5.3	9.2	18	-2	7	-1	82	0	43	64
Mansûra	00	6	20	1	0	0	—	23.0	+5.9	9.6	18	-2	8	+1	89	dr.	14	31
Tanta	00	8	00	0	0	0	—	23.9	+6.2	8.3	19	-1	5	-1	88	0	41	25
Zagazig	04	4	20	2	0	0	—	23.2	+5.2	7.2	20	0	6	0	100	0	6	16
Shebîn el Kôm	00	8	22	2	0	0	—	22.3	+4.4	8.6	21	—	7	—	93	0	12	—
Middle Egypt																		
Cairo: Almaza	05	6	20	1	0	0	—	23.6	+5.6	9.5	19	—	7	—	88	0	2	—
Cairo: Ezbekîya	09	5	00	0	0	0	—	23.4	+5.4	9.6	20	0	8	0	92	0	2	15
Cairo: Gîza	08	4	00	0	4	0	—	23.8	+5.9	9.3	18	-2	4	-2	93	0	13	16
Helwân	09	5	00	0	0	2	0	23.8	+5.1	9.4	18	-1	7	-1	95	0	2	16
Suez	01	9	06	1	1	5	3	23.8	+6.1	11.2	20	0	8	-2	89	0	—	11
Upper Egypt																		
Faiyûm	08	4	00	0	0	0	—	23.9	+5.6	9.0	19	-2	7	+1	87	0	8	5
Minya	00	9	32	1	0	0	—	23.4	+4.5	9.6	21	0	6	0	94	0	dr.	—
Asyût	00	6	22	1	0	0	—	23.2	+3.6	9.1	19	-2	7	+1	80	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	22.7	+4.6	10.5	19	—	5	—	69	0	0	—
Qena	00	7	24	2	0	0	—	21.2	+3.2	10.0	21	-3	6	-1	69	0	0	—
Luxor	00	7	28	2	0	0	—	22.3	+4.2	11.8	20	-5	3	-3	56	0	0	—
Aswân	00	9	02	1	0	0	—	21.9	+3.4	11.0	20	-4	7	-3	73	0	0	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	24.2	+4.3	7.0	22	+2	5	+1	85	0	1	6
Baharîya	00	9	00	0	0	0	—	—	—	11.0	20	-1	6	0	75	0	0	6
Khârga	00	9	32	1	0	0	—	23.2	+4.4	12.0	16	-7	7	+1	74	0	0	—
Dâkhla	00	7	24	1	0	0	—	23.9	+4.4	11.0	18	-5	5	0	82	0	0	—
Red Sea																		
Tôr	00	7	28	3	0	0	—	20.7	+3.4	15.9	20	-1	12	+3	46	0	0	10
Hurghâda	01	8	26	3	1	4	8	—	—	13.5	20	-2	13	+3	62	0	0	3
Quseir	00	8	28	4	0	0	—	19.8	+3.1	16.4	22	-1	14	0	68	0	11	4
Port Sûdân	02	8	30	4	1	5	6,4	17		21					53	0	17	91
North Sûdân																		
Wâdi Halfa	00	8	04	2	0	0	—	21		11					54	0	tr.	—
Kareima	00	8	02	2	0	0	—	17		13					29	0	7	1
'Atbara	00	8	32	4	0	0	—	15		16					30	0	2	2
Khartûm	00	8	32	3	0	0	—	15		17					26	0	3	4
Kassala	00	8	02	2	0	2	4	11		22					74	0	31	8
Central Sûdân																		
Wad Medani	00	9	02	4	0	0	—	13		19					19	0	13	12
Renk	00	9	30	3	0	0	—	10		20		—		—	35	—	—	49
Roseires	00	8	04	2	0	0	—	13		20					49	0	80	36
El Obeid	00	9	30	4	0	0	—	15		14					32	0	44	16
El Fâsher	00	8	02	2	0	0	—	—	—	13					47	0	2	6
Geneina	00	8	04	4	0	0	—	—	—	15		—		—	25	—	—	4
Kadugli	00	8	04	4	0	0	—	11		22		—		—	13	—	—	89
S. Sûdân																		
Malakâl	01	8	02	4	1	4	4	10		23					20	0	170	88
Wâu	00	8	32	3	0	0	—	9		22					25	0	113	145
Juba	05	6	00	0	0	0	—	9		26					51	0	188	147

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 Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. 15 m.	7 h.	7 h. 15 m.	9 h.	h. m.	7 h.	7 h. 15 m.	7 h.	7 h. 15 m.	7 h.	7 h. 15 m.	
03 30 30	03 31 20	03 29 15	02 19 05		02 02 10	03 04 15	02 36 10	09 03 55	09 04 35	09 04 50	
06 31 20	06 30 25	06 30 20	05 33 15		05 01 30	06 01 20	05 02 40	15 01 30	15 02 15	15 35 30	
09 31 35	09 31 25	09 31 15	08 34 20		10 36 30	09 01 50	10 05 30	21 33 15	21 33 15	21 32 35	
15 31 25	12 31 30		10 35 25		15 34 30	15 03 30	15 02 30	27 31 35	27 31 35	24 31 40	
21 32 25	15 31 30		12 36 30		20 31 40	21 36 35	20 35 30		33 28 55	30 31 30	
	Ent. Cb.				25 31 35	33 32 40	25 32 30		39 38 30		
					30 32 45	45 29 —	30 34 35				

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7 h. m.	7 h. 15 m.	6 h. 05 m.	h. m.	h. m.	7 h. m.
09 02 25	09 03 30	15 05 30			09 03 65
15 03 20		21 04 20			15 03 75
21 05 15		27 05 20			21 05 50
27 05 45		33 05 15			27 06 25
33 31 15		39 08 15			33 05 20
39 06 15					51 03 20
					63 08 20

Cyprus Synoptic 8h. on 4th
34820 00961 24301 19090 60302 00070
34960 00962 22212 18120 50302 00091

Upper Air Temp. Almâza at 02 h. G.M.T. on 4th

Height feet	PPP m.b.	TT °F	°F
Surface	1012	49	47
500	994	51	48
1000	976	52	49
1500	958	50	47
2000	941	47	46
4000	874	40	36
6000	811	32	29
8000	752	29	22
10000	696	24	19
12000	644	19	15
14000	595	12	8
16000	548	7	4

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 on 3rd	Diff from normal
Alexandria	56	-9	11.8	+0.5
Ezbekiya	75	+11	11.1	+0.8
Giza	83	+13	10.6	+0.6
Helwân	72	+18	9.9	+0.8

GIZA — Grass Minimum Temp. on 4th 1.9°

CAIRO — Water Temp. River Nile at 9h. on 4th 15.8°

Discharges at Aswan measured by sluices m. per sec.	Date	1946	1945
	4th	1389	1273
	3rd	1389	1273

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	4th				
Nâsser				5.67	+0.15
Malakâl		10.53	-0.18	10.56	-0.18
J. Aulia Res.				377.03	—
J. Aulia D S				371.67	+0.10
Roseires		12.39	+0.56	12.41	+0.57
Sennar Res.				30.66	—
Khartûm				10.55	+0.01
Kh. el Girba					
Atbara		10.48	+0.06	10.49	+0.06
Kajnarti		132.99	-0.32	133.06	-0.39
Aswân Res.		120.57	—	120.65	—
Aswân D.S		85.95	-0.45	85.95	-0.44
Roda (Cairo)		15.07	-0.15	15.05	-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 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
- Showers 8
- Thunderstorm 9

Visibility (V) Objects not visible at
- 50 metres 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 4
- 7, 8 Tenths
- 9 Tenths
- Overcast
- Fog or Dust

Cloud Form (C)
- Cirrus
- Cirro-stratus 2
- Cirro cumulus 3
- Alto cumulus 4
- Alto-stratus 5
- Strato-cumulus
- Nimbo-stratus
- Cumulus
- Cumulo-nimbus
- Stratus

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

Time of Sunrise h. m. 06 44
Sunset h. m. 17 35

Month *FEBRUARY* 1946 — شهر فبراير ١٩٤٦

At 14h. on MONDAY 4th (الساعة ١٤ يوم الاثنين ٤) — At 20h. on 4th (الساعة ٢٠ يوم الاثنين 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	°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																							
SALUM																							130
MATRUH	00	9	32	2	0	3	8	22.0	16.0	79	0	00	8	00	0	0	3	8	23.6	15.0	65	0	131
MARIUT	01	7	29	3	2	3	9,8,6	21	18	52	0	01	7	28	1	8	3	6	22	14	67	tr.	150
ALEXANDRIA	01	9	30	4	2	4	8	21.8	17.2	59	0	01	6	32	2	5	3	4	23.4	15.2	60	dr.	132
DAMIETTA	01	8	26	3	1	3	8	21.1	17.2	59	0	00	7	26	1	1	2	8	21.4	13.2	87	0	159
PORT SAID	01	8	26	3	1	5	6	21.1	18.8	58	0	00	8	26	3	0	0	—	21.8	14.2	85	0	134
EL ARISH	02	7	20	4	1	6	9	21.1	16.6	71	0	00	7	20	2	0	2	9	—	12.2	70	0	135
Lower Egypt																							
DAMANHUR	01	7	32	3	1	4	8	21.5	18.2	60	0	01	6	32	2	1	3	8	22.2	11.8	78	0	136
MANSURA	02	8	24	2	2	5	8	21.5	18.8	57	0	00	6	28	2	2	0	—	22.6	12.4	82	0	137
TANTA	02	7	28	1	2	7	7	21.2	17.7	67	0	00	8	24	1	1	0	—	23.4	12.6	93	0	138
ZAGAZIG	01	6	22	2	1	4	9	21.2	19.4	85	0	00	6	20	2	0	0	—	22.3	12.3	87	0	139
SHEBIN EL KOM	02	8	30	4	2	5	8	20.6	21.2	46	0	00	8	26	2	1	3	6	21.8	13.4	76	0	—
Middle Egypt																							
CAIRO ALMAZA	01	8	30	2	1	4	8	20.9	18.3	43	0	05	6	02	2	2	6	6	22.7	15.5	63	0	141
CAIRO EZBEKIYA	01	9	32	3	1	4	8	21.2	19.7	47	0	00	7	30	2	0	2	8,4	23.0	15.3	73	0	—
CAIRO GIZA	02	8	30	3	1	5	8	21.0	18.6	46	0	00	7	32	2	0	3	8,4	22.8	14.7	73	0	—
HELWAN	01	8	30	3	1	4	8	20.8	17.9	43	0	01	6	30	1	1	4	6	22.6	14.9	66	0	143
SUEZ	01	9	18	1	1	4	3	21.6	19.2	54	0	01	8	30	1	1	5		22.4	15.9	56	0	144
Upper Egypt																							
FAIYUM	02	8	30	3	2	5	8	21.4	18.2	41	0	02	8	30	2	2	5	8	24.2	15.8	57	0	153
MINYA	02	8	32	3	2	5	8	21.4	20.3	44	0	00	8	02	1	1	0	—	22.2	12.6	74	0	154
ASYUT	00	8	28	2	0	0	—	21.2	18.4	42	0	00	6	22	1	0	0	—	22.0	12.5	61	0	155
NAG HAMADI	00	8	24	2	0	0	—	19.1	21.1	37	0	00	8	00	0	0	0	—	20.0	13.8	67	0	184
QENA	00	8	24	1	0	0	—	19.0	22.0	36	0	00	6	22	2	0	0	—	19.5	15.0	60	0	156
LUXOR	00	7	22	2	0	0	—	19.8	23.0	31	0	00	6	28	1	0	0	—	20.0	14.7	51	0	157
ASWAN	00	9	32	3	0	0	—	18.0	21.5	18	0	00	9	30	1	0	0	—	18.8	18.0	20	0	158
Western Desert																							
SIWA	00	7	28	1	0	0	—	24.2	18.0	—	0	00		00	0	0	0	—	23.8	14.0	78	0	148
BAHARIYA	00	9	32	1	0	0	—	23.4	18.5	42	0	00		00	0	0	0	—	23.6	11.0	75	0	149
KHARGA	00	9	32	1	0	0	—	20.7	19.2	47	0	00	9	32	1	0	0	—	20.4	15.0	58	0	151
DAKHLA	00	8	32	3	0	0	—	21.0	19.1	45	0	00	6	24	2	0	0	—	23.2	11.2	56	0	152
Red Sea																							
TOR	00	7	28	5	0	0	—	19.5	19.1	55	0	00	7	28	4	0	0	—	20.2	13.9	64	0	145
HURGHADA	00	9	30	4	0	0	—	—	17.1?	72	0	00	8	02	4	0	0	—	—	16.5	63	0	146
QUSEIR	00	8	32	4	0	0	—	19.0	21.0	52	0	00	8	30	3	0	0	—	18.7	18.6	52	0	147
PORT SUDAN	18	5	32	5	3	6	6	15	24	61	0												208
North Sudan																							
WADI HALFA	00	8	32	4	0	3	1	17	16	28													165
KAREIMA	00	8	04	4	0	0	—	16	21	21													166
ATBARA	00	8	32	3	0	0	—	10	29	25													167
KHARTUM	00	8	02	4	0	0	—	10	29	25													209
KASSALA	00	8	04	2	0	0	—	5	33	34													170
Central Sudan																							
WAD MEDANI	00	8	32	3	0	0	—	6	33	19													171
RENK	00	9	28	3	0	0	—	—	32	28													182
ROSEIRES	00	8	28	3	0	0	—	—	35	23													172
EL OBEID	00	8	02	4	0	0	—	9	27	17													174
EL FASHER	00	8	04	3	0	0	—	—	28	31													175
GENEINA	00	8	04	4	0	0	—	—	28	15													179
KADUGLI	00	8	04	4	0	1	1	7	31	11													187
South Sudan																							
MALAKAL	01	8	02	5	1	3	4	5	34	19													176
WAU	00	7	08	3	0	0	—	4	32	15													177
JUBA	00	8	32	3	0	1	8	3	37	24													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 (الرياح العليا يوم ٤)

MATRUH 12 h. m.	MARIUT h. m.	PORT SAID 13 h. m.	ALMAZA h. m.	MINYA 13 h. m.	LUXOR 13 h. m.	HURGHADA h. m.	WADI HALFA 12 h. 45 m.	KAREIMA 13 h. 15 m.	KHARTUM 13 h. m.	KASSALA 12 h. 30 m.	EL OBEID h. m.	MALAKAL 13 h. m.	JUBA h. m.
03 33 15		03 31 20		03 01 05	03 34 05		09 03 30	09 03 30	09 02 25	09 05 10		09 07 20	
06 33 25		06 30 20		06 36 20	06 33 10		15 36 25	15 05 45	15 04 30	15 04 15		15 07 30	
09 34 25		09 22 05		09 35 30	09 33 15		21 33 30	21 05 30		21 06 25		21 06 50	
12 35 15				12 35 20	15 36 25		24 34 30	27 06 40		27 01 40		27 06 45	
15 02 15				15 36 20	21 34 35		30 31 20	33 05 45		33 35 45		33 07 70	
24 05 20				21 32 45	33 32 —		39 31 20	39 07 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 4th	Diff. from normal	Wet bulb temp. on 4th	Diff. from normal
Alexandria	56	-9	11.8	+0.5
Ezbekiya	76	+12	11.8	+1.5
Giza	78	+9	11.2	+1.2
Helwan	75	+21	10.8	+1.7

GIZA — Grass minimum temp on 5th: 2.2°

CAIRO — Water temp River Nile at 9h. on 5th: 16.0°C

Discharges at Aswan measured by sluices m³ per sec — Date	1946	1945
5th	1389	1273
4th	1389	1273

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5th			12.67	-0.67
Nâsser				5.64	+0.15
Malakâl		10.51	-0.18	10.53	-0.18
J. Aulia Res.				377.03	
J. Aulia D.S.				371.63	+0.08
Roseires				12.39	+0.56
Sennar Res.				20.66	
Khartum				10.55	+0.03
Kh. el Girba					
Atbara		10.48	+0.07	10.48	+0.06
Kajnarti				132.99	-0.32
Aswân Res.		120.50		120.57	
Aswân D.S.		85.96	-0.44	85.95	-0.45
Roda (Cairo)		15.15	-0.16	15.07	-0.15

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

At 8h. on TUESDAY 5th (الساعة ٨ يوم الثلاثاء 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	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												—		—				66
MATRÛH	01	9	00	0	0	4	8	23.9	+6.7	12.6	17	-1	9	0	83	0	65	122
MARIUT	01	7	27	2	8	4	8,9,6	23		15	18	—	14	—	59	dr.	140	114
ALEXANDRIA	01	9	30	1	2	4	8	23.4	+5.4	16.0	19	0	13	+3	59	dr.	117	151
DAMIETTA	01	7	20	1	1	5	8	22.6	+5.7	12.8	18	—	8	—	83	0	41	73
PORT SAÎD	00	8	18	2	0	3	4	22.4	+5.6	14.8	20	+1	12	+1	77	0	33	53
EL 'ARÎSH	02	7	20	3	1	7	7	22.2	+4.[illegible]	12.5	18	-1	10	+2	86	0	51	56
Lower Egypt																		
DAMANHÛR	00	5	24	2	0	0	—	22.8	+5.4	9.3	19	-1	8	0	93	0	43	65
MANSÛRA	01	8	24	1	1	4	0	23.2	+6.2	9.2	20	0	7	0	89	0	14	31
TANTA	01	6	00	0	1	4	8	24.4	+6.8	8.3	21	0	6	0	96	0	41	25
ZAGAZIG	00	6	18	2	0	1	8	23.4	+5.4	7.6	21	+1	6	0	100	0	6	16
SHEBÎN EL KÔM	00	8	22	2	1	1	8	22.7	+4.8	9.1	22	—	7	—	91	0	12	—
Middle Egypt																		
CAIRO ALMAZA	05	6	00	0	0	4	6	23.7	+5.7	10.4	20	—	7	—	76	0	2	—
CAIRO EZBEKÎYA	09	5	00	0	1	5	6	23.6	+5.6	11.3	21	+1	9	+1	87	0	2	15
CAIRO GÎZA	09	5	00	0	1	4	6	22.8	+6.0	9.9	20	0	4	-2	92	0	13	16
HELWÂN	05	6	00	0	0	1	6	23.6	+4.9	10.1	18	-1	9	+1	86	0	2	16
SUEZ	00	9	02	1	0	0	—	—	—	12.7	21	+1	9	-1	80	0	—	11
Upper Egypt																		
FAIYÛM	09	6	32	1	0	0	—	23.6	+5.4	10.0	20	-1	7	0	87	0	8	5
MINYA	00	9	30	1	0	0	—	23.8	+5.0	9.7	20	-1	6	0	88	0	dr.	—
ASYÛT	00	6	22	1	0	0	—	23.5	+3.9	9.1	20	-1	5	-1	79	0	0	4
NAG' HAMÂDI	00	8	32	1	0	0	—	22.4	+4.3	10.6	22	—	5	—	66	0	0	—
QENA	00	7	24	1	0	0	—	22.3	+4.4	10.0	23	-1	3	-4	82	0	0	—
LUXOR												—		—		0	0	—
ASWÂN	00	9	32	3	0	0	—	21.4	+2.9							0	0	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	25.0	+5.2	7.0	21	0	5	+1	85	0	1	6
BAHARÎYA	00	9	00	0	0	0	—	—	—	10.0	20	-1	6	0	74	0	0	6
KHÂRGA	00	9	32	2	0	0	—	22.0	+3.3	13.0	21	-2	8	+2	65	0	0	—
DÂKHLA	00	7	24	1	0	0	—	23.6	+4.2	10.6	20	-3	6	+1	79	0	0	—
Red Sea																		
TÔR	00	7	28	4	0	0	—	21.2	+3.9	13.9	19	-2	14?	+5	46	0	0	10
HURGHADA	01	8	26	4	1	3	8	—	—	15.1	22	0	14	+4	89	0	0	3
QUSEIR	00	8	26	3	0	0	—	20.2	+3.6	18.2	22	-1	15	+1	52	0	11	4
PORT SÛDÂN	01	8	30	4	1	4	6,4	16		21					61	0	17	91
North Sûdân																		
WÂDI HALFA	00	8	02	2	0	0	—	20		12					47	0	tr.	1
KAREIMA	00	8	06	2	0	0	—	16		15					32	0	7	1
'ATBARA	00	8	02	3	0	0	—	14		17					64	0	2	2
KHARTÛM	00	8	32	4	0	0	—	13		19					30	0	3	4
KASSALA	00	8	04	3	0	0	—	10		20					78	0	31	8
Central Sûdân																		
WAD MEDANI	00	9	02	5	0	0	—	11		20					49	0	13	12
RENK	00	8	30	3	0	0	—	—		21		—		—	35	—	—	49
ROSEIRES	00	8	28	2	0	0	—	10		21					47	0	80	36
EL OBEID	00	9	30	3	0	0	—	14		16					24	0	44	86
EL FÂSHER	01	9	04	1	0	3	1	—	—	12					44	0	2	6
GENEINA	01	7	04	5	0	3		—	—	16		—		—		—	—	4
KADUGLI	00	8	04	4	0	0	—	11		22		—		—	13	—	—	89
S. Sûdân																		
MALAKÂL	01	8	32	3	4	4	4,5	9		23					19	0	170	88
WÂU																0	113	145
JUBA	02	8	28	1	1	6	4	7		25					51	0	188	147

Upper Winds are in the Code HHDDVV where HH is Height 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 ٥)

MATRÛH 7 h. 15 m.	MARIUT 7 h. 15 m.	PORT SAÎD 7 h. 15 m.	HELWÂN 8 h. 45 m.	MINYA 7 h. m.	ASYÛT 7 h. m.	LUXOR 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 30 m.	ABU HAMAD 7 h. 15 m.	KAREIMA 7 h. 15 m.	KHARTÛM 7
03 32 20	03 30 20	03 32 25	02 33 10	03 03 25	02 31 10	03 01 20	02 36 20	09 04 40	09 03 45	09 04 25	09 03 50
06 32 20	06 30 15	06 32 25	05 01 15	06 01 40	05 33 25	06 02 20	05 04 35	15 03 30	15 04 40	15 06 20	15 02 45
09 33 20	09 29 20	09 30 25	08 36 30	09 36 40	10 02 45	09 03 20	10 04 35	21 03 30	21 03 30	21 02 40	21 02 35
15 32 30	12 33 15	15 24 05	10 01 30	15 02 30	15 01 40	18 02 20	15 02 30	27 35 35	27 01 30	24 01 55	24 02 35
	15 32 15	21 33 30	14 01 35	21 36 30	20 01 45	24 33 30	20 01 15	33 30 50	33 34 60	30 35 45	
	18 32 15	30 36 25	Ext. C.		25 34 35	30 34 45	26 33 40	39 29 30	39 31 45	39 29 25	
	Ext. C.	45 32 35									
		51 32 30									

KASSALA 6 h. 30 m.	PORT SÛDÂN h. m.	EL OBEID 7 h. 30 m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKÂL 7 h. m.
09 06 30		09 04 25	09 36 20	09 09 45	09 02 —
15 04 25		15 06 30	15 03 30	15 09 45	15 04 20
21 08 20		21 07 25	21 06 45	21 06 30	21 10 35
27 08 20		27 08 10	24 04 45	27 01 10	27 05 55
33 07 20		33 16 05		33 23 10	33 07 25
39 09 20				39 23 10	

Upper Air Temp. ALMAZA at 00h GMT on 5th

Height feet	PPP mb.	TT °F	tt °F
Surface	1012.7	52	49
500	995.3	55	50
1000	977.9	51	48
1500	960.4	50	47
2000	942.8	47	46
4000	875.8	40	37
6000	812.6	40.5	27
8000	753.2	37	27
10000	697.4	31	26
12000	644.3	27	22.5
14000	595.7	18.5	16.5
16000	549.6	10	9

CYPRUS SYNOPTIC 8h. ON 5th

34710 00961 00001 20090 50406 00046
34920 00961 28101 20080 60365 00070

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
Rcd. 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 Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

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

VISIBILITY (V)	
Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 km	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	2	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 — 1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise h. 6 m. 43 — Sunset 17 36 — Month February 1946 — شهر فبراير ١٩٤٦

At 14h. on Tuesday 5th — الساعة ١٤ يوم الثلاثاء 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 8-14 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	29	2	1	4	8	22.8	16.4	66	o	131
MARIUT	01	7	29	2	1	4	1,8	22	18		O	150
ALEXANDRIA	01	9	30	2	2	4	8	22.7	17.2	55	o	132
DAMIETTA	01	8	28	2	1	3	8	21.8	16.9	60	o	159
PORT SA'ÎD	01	8	30	3	1	3	8	21.8	19.0	52	o	134
EL 'ARÎSH	02	7	28	4	1	7	7	22.3	17.1	71	o	135
LOWER EGYPT												
DAMANHÛR	02	7	24	3	2	5	8	22.6	18.2	54	o	136
MANSÛRA	02	8	32	2	2	5	9	22.3	18.6	52	o	137
TANTA	02	8	28	1	1	5	8	22.2	19.0	58	o	138
ZAGAZIG	13	6	28	1	1	6	7	22.6	18.8	61	o	139
SHEBÎN EL KÔM	01	8	30	3	1	4	8	21.6	19.0	49	o	
MIDDLE EGYPT												
CAIRO ALMÂZA	02	8	02	2	1	6	6	22.2	18.2	45	o	141
CAIRO EZBEKÎYA	02	8	30	3	1	7	8	22.3	17.6	57	o	
CAIRO GÎZA	02	8	30	3	1	6	8	22.2	16.9	56	o	
HELWÂN	02	8	30	4	1	5	8	22.0	17.5	43	o	143
SUEZ	01	9	02	2	1	4	3	22.3	18.2	46	o	144
UPPER EGYPT												
FAIYÛM	02	8	02	4	2	5	6	22.2	18.6	46	o	153
MINYA	02	9	30	2	1	5		20.8	19.9	40	o	154
ASYÛT	00	8	30	1	o	o	—	21.0	18.3	43	o	155
NAG' HAMÂDI	00	8	32	1	o	o	—	19.4	22.1	29	o	164
QENA	00	8	22	2	o	o	—	19.8	22.0	39	o	156
LUXOR	00	7	02	2	o	o	—	19.0	23.0	38	o	157
ASWÂN	00	9	32	3	o	o	—	17.0	24.0	20	o	158
WESTERN DESERT												
SÎWA	00	8	28	1	o	o	—	23.4	19.3	63	o	148
BAHARÎYA	00	9	00	o	o	o	—	—	19.5	43	o	149
KHÂRGA	00	9	32	1	o	o	—	20.4	19.2	46	o	151
DAKHLA	00	8	32	3	o	o	—	20.8	19.6	50	o	152
RED SEA												
TÛR	00	7	28	4	o	o	—	19.9	19.9	43	o	145
HURGHÂDA	00	9	02	4	o	o	—	—	19.0	63	o	146
QUSEIR	00	8	32	4	o	o	—	19.1	22.2	56	o	147
PORT SUDÂN	18	6	02	5	3	1	8	13	26	58		288
NORTH SUDÂN												
WÂDI HALFA	00	8	02	3	o	1	2	16	23	20		165
KAREIMA	00	8	04	4	o	o	—	12	27	13		166
'ATBARA	00	7	32	4	o	o	—	9	29	20		167
KHARTÛM	01	8	30	4	o	3	1	9	31	18		268
KASSALA	00	7	02	3	o	o	—	5	33	32		170
CENTRAL SUDÂN												
WAD MEDANI	02	8	02	5	o	6	1	—	33			171
RENK	00	9	28	3	o	o	—	3	33	26		182
ROSEIRES	00	8	04	2	o	o	—	—	37	20		172
EL OBEID	00	9	02	4	o	3	4	8	29	12		174
EL FASHER	01	9	32	3	1	4	2	—	27	40		175
GENEINA												179
KADUGLI												187
S. SUDÂN												
MALAKÂL	01	8	02	4	1	4	4	4	34	16		176
WÂU	00	8	32	3	o	3	4	7	32	15		177
JUBA	00	7	30	2	1	1	8	2	38	25		178

At 20h. on 5th — الساعة ٢٠ يوم الثلاثاء 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 14-20 h. mms
SALÛM											
MATRÛH	01	—	00	0	1	4	8	23.8	13.0	76	o
MARIUT	05	6	00	0	1	0	—	23	12	76	o
ALEXANDRIA	00	6	00	o	o	o	—	23.8	14.4	59	o
DAMIETTA	01	8	16	1	1	4	8	23.0	14.0	66	o
PORT SA'ÎD	01	8	30	2	1	4	6	23.4	13.6	76	o
EL 'ARÎSH	00	7	24	1	o	2	7	—	12.3	71	o
DAMANHÛR	01	6	34	2	1	3	8	22.3	12.0	87	o
MANSÛRA	00	6	30	1	2	o	—	23.9	13.8	67	o
TANTA	00	8	00	o	1	o	—	24.6	13.0	89	o
ZAGAZIG	00	6	28	2	1	o	—	—	13.2	87	o
SHEBÎN EL KÔM	00	8	30	2	1	3	6	22.3	13.4	75	o
CAIRO ALMÂZA	01	7	32	1	1	4	6	23.7	16.0	46	o
CAIRO EZBEKÎYA	01	6	00	o	1	4	6	23.5	14.3	68	o
CAIRO GÎZA	01	6	00	o	1	3	6	23.8	11.9	79	o
HELWÂN	00	7	32	1	o	2	4	23.6	13.1	55	o
SUEZ	00	8	30	1	o	o	—	23.1	15.8	50	o
FAIYÛM	00	6	32	1	o	o	—	23.6	12.9	67	o
MINYA	00	8	28	1	o	o	—	23.1	13.3	71	o
ASYÛT	00	6	22	1	o	o	—	22.6	13.1	67	o
NAG' HAMÂDI	00	8	00	o	o	o	—	20.8	14.2	57	o
QENA	00	6	22	2	o	o	—	20.4	13.4	65	o
LUXOR	00	6	28	1	o	o	—	20.7	13.4	52	o
ASWÂN	00	9	32	3	o	o	—	19.2	18.0	28	o
SÎWA	00	5	00	o	o	o	—	24.0	14.0	70	o
BAHARÎYA	00	4	00	o	o	o	—	—	12.0	71	o
KHÂRGA	00	9	32	1	o	o	—	21.8	14.2	59	o
DAKHLA	00	6	28	1	o	o	—	22.0	14.8	52	o
TÛR	00	7	28	3	o	o	—	20.2	13.5	64	o
HURGHÂDA	00	8	26	2	o	o	—	—	14.0	83	o
QUSEIR	00	8	28	2	o	o	—	20.4	18.6	57	o
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 5th — الرياح العليا يوم ٥

MATRÛH	MARIUT	PORT SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
12 h. m.	h. m.	12 h. m.	h. m.	13 h. m.	13 h.15 m.	h. m.	13 h. 15 m.	12 h.45 m.	13 h. m.	13 h. m.	12 h.30 m.	h. m.	13 h. m.
03 23 15		03 22 25		03 01 15	03 01 10		10 03 15	10 01 30	10 02 40	10 04 10	10 03 30		10 08 05
06 25 15		06 32 15		06 01 10	06 07 05		15 02 14	15 03 25	15 03 30	15 04 30	15 05 30		15 08 10
10 26 25		10 34 15		10 02 15	10 09 10		20 36 30	20 36 25	20 03 30	20 03 45	20 08 40		20 06 10
12 24 10		15 03 05		15 03 25	15 06 15		25 33 30	25 35 35	25 02 30	25 02 40	25 02 30		25 05 15
		20 33 20		20 05 35	20 06 15		35 32 10	27 35 30	30 08 20		35 04 15		35 06 20
				25 36 20	35 36 35		40 09 50	30 34 20					40 06 25
							50 29 —	40 29 20					50 09 25
								50 31 25					
								60 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
6th	1389	1273
5th	1389	1273

STATION	Mean of day HUMIDITY % on 5th	Mean of day HUMIDITY % Diff from normal	Mean of day WET BULB TEMP °C on 5th	Mean of day WET BULB TEMP °C Diff. from normal
Alexandria	55	−10	11.7	+0.4
Ezbekîya	72	+8	11.6	+1.3
Gîza	81	+12	10.6	+0.5
Helwân	65	+11	9.8	+0.7

GIZA — GRASS MINIMUM TEMP. ON 6th 1.3° C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON 6th 15.7° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.67	−0.66	12.67	−0.67
Nâsser		5.64	+0.17	5.62	+0.16
Malakâl		10.48	−0.20	10.51	−0.18
J. Aulia Res.		377.03	—	377.01	—
J. Aulia D.S		371.58	+0.08	371.65	+0.12
Roseires		12.33	+0.53	12.36	+0.54
Sennar Res.		20.63	—	20.66	—
Khartûm		10.52	+0.02	10.54	+0.03
Kh. el Girba		—	—	—	—
'Atbara		10.47	+0.07	10.48	+0.07
Kajnarti		132.90	−0.34	132.95	−0.33
Aswân Res.		120.43	—	120.50	—
Aswân D.S		85.96	−0.44	85.96	−0.44
Roda (Cairo)		15.68	+0.10	15.73	−0.15

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

At 8h. on Wednesday 6th — 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	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	TEMPERATURE MAXIMUM Yesterday °C MM	TEMPERATURE MAXIMUM Diff. from norm. °C	TEMPERATURE MINIMUM Today °C mm	TEMPERATURE 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												—		—				67
MATRÛH	02	9	22	1	1	7	9	21.9	+4.8	11.2	17	−1	9	o	83	o	65	123
MARIUT	02	7	19	1	2	6	6	22	—	12	19	—	8	—	76	o	140	115
ALEXANDRIA	02	8	00	o	2	6	5	21.2	+3.2	12.8	19	o	11	+1	68	o	117	152
DAMIETTA	01	7	20	1	2	5	5	22.0	+5.1	13.5	18	—	10	—	72	o	41	74
PORT SA'ÎD	00	8	18	2	o	3	2	21.8	+5.0	15.2	20	+1	11	o	63	o	33	53
EL 'ARÎSH	02	7	16	1	1	5	3	21.9	+4.3	10.9	19	o	6	−2	68	o	51	56
LOWER EGYPT																		
DAMANHÛR	01	5	12	2	1	4	4	22.4	+5.1	9.8	20	o	7	−1	87	o	43	65
MANSÛRA	01	8	02	1	1	3	o	22.2	+5.2	9.2	20	o	6	−1	81	o	14	32
TANTA	01	8	00	o	1	4	4	23.1	+5.5	6.0	21	o	4	−3	96	o	41	25
ZAGAZIG	01	6	12	3	1	3	4	21.1	+3.2	9.2	22	+2	7	+1	91	o	6	16
SHEBÎN EL KÔM	09	6	12	2	1	3	8	21.6	+3.8	9.9	21	—	6	—	89	o	12	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	8	12	5	o	3	4	21.7	—	11.7	18	—	9	—	67	o	2	—
CAIRO EZBEKÎYA	05	6	00	o	1	4	4	21.8	+3.9	12.0	19	−2	8	o	73	o	2	15
CAIRO GÎZA	09	5	00	o	1	4	4	22.3	+4.5	8.5	19	−1	3	−3	92	o	13	16
HELWÂN	00	7	04	3	o	2	4	22.0	+3.4	11.9	18	−1	10	+2	66	o	2	16
SUEZ	01	9	00	o	1	3	2	22.6	+5.1	13.6	19	−1	8	−2	68	o	—	11
UPPER EGYPT																		
FAIYÛM	00	7	32	2	o	2	8	22.0	+3.9	9.9	20	−2	7	o	75	o	8	5
MINYA	01	8	32	1	1	3	2	21.0	+2.3	9.4	20	−1	5	−1	79	o	dr.	—
ASYÛT	01	6	22	1	1	3	2	21.8	+2.3	8.3	20	−1	5	−1	82	o	0	4
NAG' HAMÂDI	00	8	00	o	o	o	—	20.4	+2.6	12.0	23	—	4	—	65	o	0	—
QENA	00	7	24	2	o	o	—	20.7	+2.8	9.8	23	−1	5	−2	68	o	0	—
LUXOR	00	7	28	2	o	o	—	20.7	+2.7	9.2	24	−1	4	−2	60	o	0	—
ASWÂN	00	9	02	1	o	o	—	19.5	+1.1	12.2	24	−1	9	−2	52	o	0	
WESTERN DESERT																		
SÎWA	00	7	00	o	o	o	—	22.8	+3.1	6.2	21	o	4	o	82	o	1	6
BAHARÎYA	00	9	00	o	o	o	—	—	—	11.2	21	o	7	+1	73	o	0	6
KHÂRGA	00	9	32	1	o	o	—	21.8	+2.2	11.9	21	−2	8	+2	72	o	0	—
DAKHLA	00	7	04	1	o	o	—	22.0	+2.6	11.2	21	−2	5	−1	79	o	0	—
RED SEA																		
TÛR	00	7	04	3	o	o	—	20.7	+3.5	11.5	20	−1	7	−2	63	o	0	10
HURGHÂDA	00	9	28	3	o	o	—	—	—	15.0	21	−1	11	+1	71	o	0	3
QUSEIR	00	8	28	3	o	o	—	18.8	+2.3	18.6	23	o	14	o	55	o	11	4
PORT SUDÂN	00	8	30	2	—	1	6	15		22					65	o	17	91
NORTH SUDÂN																		
WÂDI HALFA	00	8	04	2	o	2	1	18		12					38	o	tr.	—
KAREIMA	00	8	04	4	o	o	—	15		16					30	o	7	1
'ATBARA	00	8	32	4	o	o	—	14		17					46	o	2	2
KHARTÛM	00	8	30	4	o	1	1	13		18					30	o	3	4
KASSALA	00	8	02	1	o	1	1	10		21					65	o	31	8
CENTRAL SUDÂN																		
WAD MEDANI	00	8	04	4	o	3	1	12		19					19	o	13	12
RENK	00	9	30	3	o	o	—	9		22					31	—	—	49
ROSEIRES	01	7	28	2	o	4	2	11		21					47	o	80	36
EL OBEID	00	9	30	3	o	3	1	13		17					44	o	44	16
EL FÂSHER	01	9	32	1	1	5	2	—	—	12					51	o	2	6
GENEINA																		4
KADUGLI	01	8	04	4	o	4	1	11		23					15	—	—	89
S. SUDÂN																		
MALAKÂL	02	8	02	5	1	5	4,2	10		24					22	o	170	88
WÂU	01	8	32	2	o	4	4	9		23					27	o	113	145
JUBA	02	8	32	1	1	8	2	9		24					54	o	128	148

Upper Winds are in the Code HHDDVV where HH is Height 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 — الرياح العليا يوم ٦

MATRÛH	MARIUT	PORT SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	7 h. m.	7 h. m.	8 h.45 m.	h. m.	7 h. m.	7 h.15 m.	7 h. m.	7 h.15 m.	7 h. m.	7 h.15 m.	7 h. m.
03 27 25	03 17 15	03 21 05	02 05 30		02 22 15	03 04 15	02 04 10	10 06 50	09 04 30	09 04 35	10 03 35
06 28 25	06 25 10	06 10 05	05 04 40		05 31 25	06 03 15	05 07 30	15 04 20	15 05 30	15 05 30	15 02 35
09 28 25	10 28 10	09 27 15	08 06 15		10 01 40	09 09 30	10 12 25	20 31 05	21 03 20	21 03 15	20 02 30
	12 28 10		10 04 20		15 36 45	15 11 05	15 06 15	25 31 25	27 35 20	24 01 35	25 02 30
	15 30 05		15 34 05		20 36 40	21 20 05	20 02 05	30 31 55	33 32 45	30 33 30	30 02 40
			20 20 10		25 34 50	33 28 10	25 29 05	40 30 50	39 31 35	39 30 20	
			23 21 15			39 28 10	30 32 10				
			25 25 15								
			30 26 15								

KASSALA	PORT SUDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h.15 m.	6 h.45 m.	7 h. m.	h. m.	7 h. m.
09 06 25	09 03 25	09 03 20	09 02 15		10 03 55
15 09 15	15 06 20	15 09 15	15 06 10		15 08 65
21 07 30	21 08 15	21 06 50	20 03 65		
27 01 20		33 03 40	27 09 30		
33 11 10			33 12 20		
39 07 15					

UPPER AIR TEMP. ALMÂZA AT 23h GMT ON 8th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1012	51	48
500	994	56	50
1000	976	54	48
1500	958	52	46
2000	941	46	44
4000	874	42	36
6000	842	50	33
8000	811	48	30
10000	752	41	26
12000	696	34	26
14000	644	28	23
16000	595	21	18

CYPRUS SYNOPTIC 8h. ON 6th

34780	02858	28228	20120	90500	00090
34857	02954	00016	21080	76304	00060

ANNUAL SUBSCRIPTION P.T. 150

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-28	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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
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
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,,	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	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 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 6h 42m
Sunset 17h 37m

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on WEDNESDAY 6th (الساعة ١٤ يوم ٦) and At 20h. on 6th (الساعة ٢٠ يوم الأربعاء ٦)

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	02	9	28	1	2	7	8	19.1	17.2	57	0	02	—	20	1	2	5	8	19.4	14.0	76	0	131
MARIUT	01	7	25	2	2	5	6,4	20	18	37	0	03	7	00	0	2	8	4,2	20	13	77	0	150
ALEXANDRIA	01	9	24	2	2	4	8	20.0	17.7	47	0	01	6	00	0	2	3	4	20.2	15.0	52	0	132
DAMIETTA	02	8	28	2	1	5	6	20.4	16.6	52	0	01	7	14	1	1	5	6	19.5	12.4	72	0	159
PORT SA'ID	01	8	32	2	1	4	4	19.8	18.6	51	0	01	8	02	2	1	4	6	19.0	14.0	66	0	134
EL 'ARISH	00	7	00	0	0	2	3	20.3	18.3	59	0	00	7	00	0	0	0	—	17.7	11.5	72	0	135
Lower Egypt																							
DAMANHUR	02	7	24	3	2	5	8	19.9	17.2	55	0	00	5	24	2	1	0	—	19.4	11.2	93	0	136
MANSURA	01	8	30	2	1	4	0	19.9	18.0	46	0	01	6	32	1	1	4	0	19.9	13.8	63	0	137
TANTA	01	8	00	0	1	4	K	19.9	18.3	54	0	01	8	00	0	2	7	6	20.0	13.0	86	0	138
ZAGAZIG	01	6	30	2	1	4	8	19.9	18.2	51	0	00	6	20	2	0	0	—	19.6	13.1	77	0	139
SHEBIN EL KOM	01	8	22	3	1	4	8	19.8	19.4	49	0	00	8	20	2	1	1	8	20.4	12.9	74	0	—
Middle Egypt																							
Cairo ALMAZA	01	8	29	3	0	3	8	19.1	18.7	40	0	00	7	30	1	0	0	—	19.6	14.0	61	0	141
Cairo EZBEKIYA	01	8	30	2	1	3	8	19.2	19.2	44	0	00	7	00	0	0	0	—	20.3	14.2	68	0	—
Cairo GIZA	01	8	32	2	0	3	8	19.2	18.3	48	0	00	7	00	0	0	0	—	20.2	11.4	76	0	—
HELWAN	00	8	32	3	0	1	1	18.8	17.9	35	0	00	6	30	2	0	0	—	19.9	14.1	57	0	143
SUEZ	00	9	26	1	0	0	—	19.2	19.6	40	0	00	8	26	1	0	0	—	19.8	16.2	46	0	144
Upper Egypt																							
FAIYUM	00	8	02	3	0	2	2	19.2	19.0	40	0	00	8	30	1	0	2	2	—	13.0	69	0	153
MINYA	01	9	28	2	1	3	2	19.2	20.3	40	0	00	8	32	1	0	0	—	18.6	13.9	59	0	154
ASYUT	01	7	28	1	1	4	2	18.3	20.5	38	0	00	6	22	1	1	0	—	18.7	12.8	68	0	155
NAG HAMADI	00	8	00	0	0	0	—	17.1	23.8	33	0	00	8	00	0	0	0	—	18.4	14.2	65	0	164
QENA	00	8	24	2	0	0	—	16.7	23.3	43	0	00	6	24	2	0	0	—	17.6	13.8	68	0	156
LUXOR	00	7	30	2	0	0	—	17.6	23.0	44	0	00	6	28	1	0	0	—	17.9	15.0	58	0	157
ASWAN	01	9	02	1	1	3	1	15.4	26.6	22	0	00	9	32	3	0	0	—	16.3	22.0	29	0	158
Western Desert																							
SIWA	00	8	28	1	0	0	—	21.5	19.0	69	0	03	—	00	0	2	8	4	21.6	14.0	87	dr.	148
BAHARIYA	00	9	32	1	0	0	—	18.9	19.4	43	0	00	—	00	0	0	0	—	—	11.0	75	0	149
KHARGA	00	9	32	1	0	0	—	17.6	21.7	38	0	00	9	28	1	0	0	—	16.8	17.3	43	0	151
DAKHLA	00	8	32	1	0	0	—	19.0	20.0	45	0	00	6	28	2	0	0	—	20.4	15.6	52	0	152
Red Sea																							
TOR	00	7	28	3	0	0	—	18.0	20.8	53	0												145
HURGHADA	01	8	10	2	1	4	1	—	19.9	56	0												146
QUSEIR	00	8	32	3	0	0	—	17.8	22.2	58	0	00	8	30	2	0	0	—	17.6	18.2	63	0	147
PORT SUDAN	18	5	02	4	0	2	4	11	27	56													[illegible]
North Sudan																							
WADI HALFA	00	8	02	3	0	1	1	14	24	22													165
KAREIMA	00	9	04	3	0	0	—	11	29	12													166
ATBARA	00	8	32	3	0	0	—	8	30	22													167
KHARTUM	00	8	02	3	0	2	1	8	31	16													[illegible]
KASSALA	00	8	04	3	0	0	—	3	34	25													170
Central Sudan																							
WAD MEDANI	00	8	02	4	0	0	—	5	34	09													171
RENK	00	9	28	3	0	0	—	3	33	26													182
ROSEIRES	00	8	28	2	0	0	—	4?	34	25													172
EL OBEID	01	7	04	4	1	4	1	7	29	12													174
EL FASHER	01	9	04	3	1	4	2	—	29	35													175
GENEINA	00	8	02	3	0	0	—	—	32	08													179
KADUGLI	02	8	04	3	1	6	1	6	33	10													187
S. Sudan																							
MALAKAL	01	8	32	4	1	4	4,1	5	34	13													176
WAU	01	8	06	2	1	3	4,2	4	35	10													177
JUBA	02	8	30	3	1	8	2	2	38	25													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

MATRUH	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
13h	13h 15m	12h 15m	h m	13h 15m	h m	h m	13h 15m	12h 45m	13h	13h	12h 45m	13h	13h 30m
03 26 15	03 27 30	03 27 05		03 23 15			09 01 35	09 30 20	09 02 25	09 02 20	09 03 25	09 03 30	09 07 30
06 26 15	06 26 20	06 23 05		06 35 15			15 02 10	15 02 20	15 03 20	15 06 20	15 05 40	15 05 30	15 08 30
09 26 15	09 21 05	09 03 02		09 35 20			21 34 15	21 01 20	21 03 30	21 04 25	21 03 35	21 05 30	21 07 60
15 23 15	12 22 10	15 22 25		15 24 05			27 35 15	24 01 30	24 03 25	27 02 30	33 31 15	27 04 30	33 07 55
21 27 35	15 23 10	21 23 25		21 26 15			33 24 30	30 35 15		33 04 30	39 27 15	33 04 30	39 09 30
	18 24 20	30 25 30		30 27 25			39 31 35	39 31 10		39 35 30		39 08 20	
	Enl. Sc.	45 26 55											

Remarks

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

Station	Humidity on 6th	Diff from normal	Wet Bulb Temp on 6th	Diff from normal
Alexandria	56	−9	10.8	−0.5
Ezbekiya	64.	0	11.3	+0.9
Giza	79	+10	10.0	−0.1
Helwan	57	+3	10.0	+0.8

Giza — Grass Minimum Temp on 7th: 5.3°

Cairo — Water Temp River Nile at 9h on 7th: 15.7°

Discharge at Aswan

7th	1389	1273
6th	1389	1273

Gauge	Date 946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	7 ٧			12.67	−0.66
Nasser				5.60	+0.17
Malakal		10.44	−0.22	10.48	−0.20
J. Aulia Res				377.03	—
J. Aulia D.S				371.59	+0.08
Roseires		12.33	+0.55	12.33	+0.53
Sennar Res				20.63	—
Khartum		10.48	−0.02	10.52	+0.02
Kh. el Girba					
Atbara		10.46	+0.08	10.47	+0.07
Kajnarti				132.90	−0.34
Aswan Res.		120.32	—	120.43	—
Aswan D.S		85.96	−0.44	85.96	−0.44
Roda (Cairo)		15.82	+0.39	15.48	+0.10

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

At 8h. on THURSDAY 7th (الساعة ٨ 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 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	Rain Past 24 hrs mms	Rain Total from Oct. 1 mms	Rain Norm from Oct. 1 mms
Mediterranean																		
SALUM												—		—				68
MATRUH	01	9	22	3	2	4	8	16.7	−0.3	12.3	19	+1	11	+2	86	0	65	124
MARIUT	02	7	21	3	1	6	6	17		13	18	—	10	—	67	0	140	116
ALEXANDRIA	02	8	20	3	2	7	4	16.8	−1.1	14.0	18	−1	12	+2	59	0	117	152
DAMIETTA	00	7	18	2	2	3	5	17.2	+0.4	11.0	18	—	9	—	75	0	41	75
PORT SA'ID	01	8	22	3	1	4	2	17.0	+0.2	15.4	19	0	13	+2	91	0	33	53
EL 'ARISH	02	7	00	0	1	6	4	16.6	−1.0	13.4	20	+1	9	+1	83	0	51	57
Lower Egypt																		
DAMANHUR	01	5	20	3	1	6	4	17.0	−0.2	10.8	20	0	9	+1	77	0	43	66
MANSURA	01	8	20	2	1	4	0	17.4	+0.4	9.0	20	0	7	0	84	0	14	32
TANTA	00	8	20	1	0	0	—	17.2	−0.3	11.0	20	−1	8	+1	77	0	41	26
ZAGAZIG	00	6	18	2	0	2	8	18.6	+0.7	9.8	21	+1	9	+3	82	0	6	17
SHEBIN EL KOM	00	8	18	3	0	0	—	17.2	−0.6	10.3	21	—	9	—	82	0	12	—
Middle Egypt																		
Cairo ALMAZA	05	6	18	3	1	4	1	17.6	−0.3	12.5	20	—	11	—	62	0	2	—
Cairo EZBEKIYA	05	5	14	1	1	4	1	18.2	+0.3	11.8	21	0	11	+3	72	0	2	15
Cairo GIZA	05	5	12	2	0	4	1	18.3	+0.6	12.2	19	−1	8	+2	75	0	13	16
HELWAN	05	6	08	1	1	3	1	19.0	+0.4	10.7	19	0	10	+2	69	0	2	16
SUEZ	00	9	14	1	0	0	—	18.7	+1.2	10.8	22	+2	10	0	60	0	—	11
Upper Egypt																		
FAIYUM	01	7	30	1	1	4	2	19.2	+1.2	10.8	20	−2	9	+2	67	0	8	5
MINYA	00	8	16	1	0	0	—	18.8	+0.2	10.2	20	−1	7	+1	79	0	dr.	—
ASYUT	01	6	22	1	1	3	2	19.5	0.0	10.8	22	+1	7	+1	63	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	19.1	+1.1	12.3	24	—	5	—	62	0	0	—
QENA	00	7	24	2	0	0	—	18.6	+0.8	11.0	25	+1	7	0	75	0	0	—
LUXOR																	0	
ASWAN	00	9	32	1	0	0	—	17.8	−0.5	15.4	28	+3	11	0	40	0	0	—
Western Desert																		
SIWA	00	7	00	0	0	0	—	21.0	+1.3	10.0	20	−1	8	+4	78	dr.	1	6
BAHARIYA	00	9	32	1	0	0	—	18.0	−0.7	10.5	20	−1	6	0	74	0	0	6
KHARGA	01	8	04	1	1	4	5	19.2	+0.7	12.2	23	−1	10	+4	63	0	0	—
DAKHLA	00	7	24	1	0	0	—	21.1	+1.8	14.3	21	−2	10	+4	62	0	0	
Red Sea																		
TOR																	0	10
HURGHADA																	0	3
QUSEIR	00	8	26	2	0	0	—	16.2	−0.2	17.4	24	+1	13	−1	56	0	11	4
PORT SUDAN	02	8	30	3	1	6	6,4	15		23					78	0	17	91
North Sudan																		
WADI HALFA	00	8	04	2	0	1	1	16		13					38	0	tr.	—
KAREIMA	00	8	06	1	0	0	—	15		16					39	0	7	1
ATBARA	01	8	02	3	1	3	1	13		19					56	0	2	2
KHARTUM	01	8	01	3	0	4	4,1	12		21					33	0	3	4
KASSALA	00	8	00	0	0	0	—	9		22					61	0	31	8
Central Sudan																		
WAD MEDANI	00	9	04	3	0	2	1	11		20					43	0	13	12
RENK	00	9	30	3	0	0	—	—		21		—		—	74	—	—	49
ROSEIRES	00	8	22	1	0	0	—	11		22					38	0	80	36
EL OBEID	02	9	30	3	0	5	2	12		17					22	0	44	16
EL FASHER	01	9	30	3	1	4	2	—	—	13					51	0	2	6
GENEINA	01	8	02	4	0	4	2	—	—	18		—		—	10	—	—	4
KADUGLI	01	8	04	4	1	4	1	10		23		—		—	47	—	—	89
S. Sudan																		
MALAKAL	02	8	32	3	1	7	4	9		24					21	0	170	88
WAU																0	113	145
JUBA	00	8	24	1	0	1	4	8		26					51	0	188	148

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRUH	MARIUT	PORT SA'ID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
7h m	7h 15m	7h 15m	8h 45m	8h 30m	7h m	h m	h m	7h 15m	7h m	7h 15m	7
03 28 30	03 25 45	03 22 30	02 24 20	03 30 06	02 31 10			09 04 30	09 05 35	09 03 25	09 04 45
06 28 30	06 27 40	06 25 35	05 20 20	06 30 20	05 33 25			15 02 25	15 01 30	15 03 20	15 03 30
09 28 40	09 27 55	09 26 40	08 24 25	09 32 30	10 32 25			21 01 30	21 36 30	21 02 30	21 06 10
12 27 35	12 27 45	12 27 40	10 27 35	15 29 35	15 29 30			27 36 45	27 32 30	24 01 25	24 07 05
15 28 45			15 29 40	18 29 45	20 29 40			33 35 25	33 27 20	27 33 05	30 18 10
21 28 30			20 29 55	21 29 40	25 27 45			39 27 20	39 25 15	30 27 10	39 20 15
27 30 45			23 28 65	24 29 35	30 26 50					39 22 15	

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
7h m	7h 15m	7h m	7h m	7h 15m	7h m
09 05 15	09 05 30	09 02 30	09 03 20	09 05 30	09 02 50
15 05 15		15 03 25	15 06 40	15 10 30	15 03 40
21 01 05		21 05 15	21 06 20	21 05 15	21 06 20
27 31 10		27 07 15	27 08 20	27 34 30	27 13 10
33 26 05				33 34 20	33 13 10
39 23 10				39 26 15	39 13 30

Upper Air Temp — Almaza at 23h G.M.T. on 6th

Height (feet)	PPP (mb.)	TT	
Surface	1010	52	49
500	993	54	48
1000	974	53	47
1500	956	51	46
2000	939	49	44
4000	872	42	38
6000	809	45	29
8000	750	40	29
10000	695	34	29
12000	642	26	24
14000	593	19	—
16000	547	12	12

Cyprus Synoptic 8h. on 7th

34780 21868 26268 12131 20805 00211

34990 02857 16387 12131 10806 01121

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	30-39
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	
Drizzle	50-59
Rain	60-69
Rain and Fog	
Rain and Snow	66, 69
Snow	70-7
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended now Rain	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

Past Weather (W)

Clear slight
Variable sky
Mainly overcast
Sandstorm
Fog thick dust
Drizzle
Rain
Snow, sleet
Showers
Thunderstorm

Visibility (V)

Objects ... 50 metres
200
500
Kilometre

Cloud Amount (N)

Clear
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
Strato-cumulus
Nimbo-stratus
Cumulus
Cumulo-nimbus
Stratus

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 h. 42 m. — Sunset 17 h. 57 m.

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on THURSDAY 7th (الساعة ١٤ يوم الخميس ٧) and At 20h. on 7th (الساعة ٢٠ يوم الخميس 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
Salûm																							130
Matrûh	01	9	28	4	1	5	8	16.0	16.6	82	0	01	—	18	5	1	4	8	17.9	10.0	73	0	131
Mariut	05	6	26	5	2	5	8,4	16	19	52		00	7	27	4	1	3	6	16	16	48	0	150
Alexandria	02	8	22	6	2	7	5	15.4	17.2	68	0	01	6	26	5	2	4	8	17.1	16.0	59	0	132
Damietta	02	8	20	4	2	6	6	14.3	19.0	52	0	01	6	18	2	1	3	5	15.2	13.2	87	0	159
Port Saîd	14	8	22	4	3	6	6	14.6	19.8	44	0	01	8	20	4	1	4	2	15.5	16.3	68	0	134
El 'Arîsh	00	7	28	2	0	1	1	15.0	18.3	69	0	02	7	00	0	1	7	4	—	13.7	62	0	135
Damanhûr	02	6	20	5	1	5	8	15.4	19.0	59	0	01	6	20	4	1	5	8	16.3	11.2	85	0	136
Mansûra	03	8	30	3	2	8	9	15.2	19.4	45	0	00	6	24	2	2	0	—	16.6	13.0	87	0	137
Tanta	01	8	28	4	1	4	8	15.4	20.0	56	0	01	8	24	1	1	4	8	17.4	13.8	82	0	138
Zagazig	01	6	28	2	1	4	8	—	18.2	55	0	00	6	24	2	0	0	—	18.3	12.3	87	0	139
Shebîn el Kôm	14	7	24	6	1	4	8	15.2	19.9	42	0	00	8	18	2	1	1	8	—	13.6	73	0	—
Cairo: Almaza	00	7	27	3	0	3	8	15.5	19.8	33	0	00	8	26	1	0	0	—	17	15	59	0	141
Cairo: Ezbekîya	00	0	22	3	0	3	3	15.9	21.2	36	0	00	7	24	1	0	0	—	17.2	15.1	67	0	—
Cairo: Gîza	00	6	22	3	0	2	3	15.9	22.3	37	0	00	6	24	1	0	0	—	17.6	12.5	76	0	—
Helwân	00	9	24	4	0	2	1	16.2	19.9	33	0	20	7	00	0	0	0	—	17.8	15.0	49	0	143
Suez	00	9	14	1	0	0	—	16.6	20.6	44	0	00	8	26	1	0	0	—	17.8	17.7	45	0	144
Faiyûm	01	8	30	2	1	3	2	16.3	20.0	42	0	01	8	00	0	2	3	2	16.6	15.9	59	0	153
Minya	00	9	30	3	1	2	2	17.0	22.6	28	0	00	8	32	1	1	0	—	19.5	14.2	58	0	154
Asyût	01	8	26	2	1	5	5	17.8	18.3	49	0	01	6	22	1	1	5	5	19.0	13.1	66	0	155
Nag Hamâdi	05	8	26	2	2	6	4	19.4	22.8	37	0	01	8	00	0	1	4	4	18.3	13.5	62	0	164
Qena	01	8	22	2	0	4	1	15.2	23.0	45	0	01	6	22	2	1	4	3	17.6	13.8	62	0	156
Luxor	01	7	02	2	1	4	1	16.7	23.8	33	0	00	6	28	3	0	0	—	17.6	17.0	43	0	157
Aswân	00	9	30	2	0	0	—	14.8	24.9	17	0	00	9	32	3	0	0	—	16.6	19.8	26	0	158
Sîwa	00	7	28	2	0	0	—	19.9	20.0	72	0	00	7	28	1	0	0	—	20.3	10.2	85	0	148
Baharîya	00	9	00	0	0	0	—	18.6	19.6	35	0												149
Khârga	01	9	22	1	1	5	5	17.9	20.9	42	0	01	9	32	1	1	4	4	17.1	17.0	45	0	151
Dakhla	00	7	28	4	0	0	—	18.8	19.6	45	0	00	8	32	1	0	0	—	20.2	16.2	55	0	152
Tôr	00	7	28	5	0	0	—	—	20.8	44	0												145
Hurghâda												00	8	30	5	0	0	—	—	17.6	58	0	146
Quseir	00	8	32	3	0	0	—	15.4	23.2	43	0	00	8	32	2	0	0	—	15.8	18.8	61	0	147
Port Sûdân	01	8	04	4	1	4	8,4	12	27	62													189
Wâdi Halfa	01	8	02	3	1	4	2	13	26	20													165
Kareima	01	8	32	4	1	5	2	8	31	19													166
'Atbara	01	6	28	3	1	5	2	8	32	20													167
Khartûm	00	8	32	3	1	0	—	8	31	19													168
Kassala	00	8	02	3	0	0	—	3	34	29													170
Wad Medani	00	8	02	4	0	2	1	5	35	13													171
Renk	00	9	28	3	0	0	—	3	34	25													182
Roseires	00	8	04	1	0	0	—	4	36	22													172
El Obeid	01	9	02	4	1	3	3	7	30	13													174
El Fâsher	01	9	32	1	1	3	2	—	30	38													175
Geneina	01	9	04	2	1	3	1	—	29	46													179
Kadugli	02	8	04	3	1	5	2	6	35	13													187
Malakâl	01	8	04	3	1	3	1	4	35	13													176
Wâu	01	8	24	2	1	4	4	5	35	10													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 7th

Matrûh (11 h. 30 m.)	Mariut	Port Saîd (12 h. 30 m.)	Almaza	Minya (13 h.)	Luxor	Hurghâda	Wâdi Halfa (13 h.)	Kareima (13 h.)	Khartûm (13 h. 30 m.)	Kassala (12 h. 30 m.)	El Obeid (13 h. 15 m.)	Malakal (13 h.)	Juba
03 29 30		03 25 50		03 32 25			09 01 20	09 02 30	09 01 25	09 01 30	09 03 20	09 02 35	
06 30 35		06 26 50		06 31 15			15 36 20	15 02 30	15 02 25	15 04 15	15 04 20	15 03 20	
09 30 35		09 26 65		09 29 20			21 03 30	21 31 15	21 03 10	24 03 55	21 36 10	21 16 20	
15 30 45		15 27 40		15 30 45			27 35 15	27 29 10	24 02 05	27 03 40	27 26 10	27 19 15	
21 31 40				21 30 40			33 30 30		30 02 15	33 36 30	33 24 05	33 19 15	
				30 28 50			39 30 30				39 21 10	39 20 15	

Remarks

... Egyptian standard time long. 30° E. and are ... Greenwich mean time

Station	Mean of day: Humidity % on 7th	Diff. from normal	Wet bulb temp °C on 7th	Diff. from normal
Alexandria	55	−10	12.0	+0.7
Ezbekîya	64	0	11.6	+1.2
Gîza	71	+2	11.6	+1.4
Helwân	54	+1	10.1	+0.9

GIZA — Grass minimum temp. on 8th 4.5°

CAIRO — Water temp. River Nile at 9h. on 8th 15.6°

Discharges at Aswân measured in ... per sec. Date	1946	1945
8-2	1389	1273
7-2	1389	1273

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8-2-46	12.65	−0.67	12.66	−0.67
Nasser		5.56	+0.16	5.57	+0.16
Malakâl		10.42	−0.22	10.44	−0.22
J. Aulia Res.		—	—	377.14	—
J. Aulia D.S		—	—	371.54	+0.05
Roseires		12.32	+0.55	12.33	+0.55
Sennar Res.		20.59	—	20.61	—
Khartûm		10.47	−0.03	10.48	−0.02
Kh. el Girba					
Atbara		10.44	+0.08	10.46	+0.08
Kajnarti		132.79	−0.39	132.84	−0.38
Aswan Res.		120.26		120.32	
Aswan D.S		85.96	−0.42	85.96	−0.44
Roda (Cairo)		16.00	+0.52	15.82	+0.39

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.	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
Salûm												—		—				68
Matrûh	02	9	30	4	1	5	9	19.1	+2.1	15.2	17	−1	11	+2	76	0	65	124
Mariut	01	7	28	3	1	4	6	16		15	20	—	—	—	48	0	140	117
Alexandria	02	8	26	5	2	5	8	17.1	−0.1	15.2	18	−1	12	+2	51	0	117	153
Damietta	01	8	20	3	1	3	8	15.8	−1.0	11.0	20	—	10	—	85	0	41	76
Port Saîd	14	7	22	4	5	5	9	15.5	−1.2	13.4	20	+1	12	+1	76	0.1	33	54
El 'Arîsh	02	7	20	5	1	6	7	15.1	−2.4	12.2	20	+1	10	+2	78	0	51	58
Damanhûr	01	6	20	3	1	4	8	16.6	−0.5	10.0	20	0	8	0	85	0	43	67
Mansûra	01	8	24	1	1	4	0	17.0	0.0	11.2	21	+1	9	+2	83	0	14	33
Tanta	02	8	20	1	2	5	8	17.6	+0.1	14.0	21	0	8	+1	81	0	41	26
Zagazig	01	6	18	2	1	3	8	—	—	10.2	21	+1	7	+1	86	0	6	17
Shebîn el Kôm	01	8	26	3	1	4	8	—	—	11.4	22	—	10	—	79	0	12	—
Cairo: Almaza	01	7	23	3	0	4	8	18.0		12.0	22	—	10	—	66	0	2	—
Cairo: Ezbekîya	08	4	16	2	4	5	8	18.6	+0.8	10.4	23	+2	9	+1	84	0	2	16
Cairo: Gîza	08	4	16	2	4	5	8	18.7	+1.0	10.9	23	+3	7	+1	82	0	13	16
Helwân	05	6	26	1	0	2	4	19.1	+0.6	9.1	20	+1	8	−1	83	0	2	17
Suez	01	9	26	1	1	5	9	—	—	12.7	23	[illegible]	12	+2	66	0	—	11
Faiyûm	00	7	18	1	0	2	1	19.6	+1.6	8.5	22	0	7	0	76	0	8	5
Minya	00	9	24	1	0	0	—	20.4	+1.9	11.4	23	+2	7	+1	75	0	tr.	—
Asyût	01	7	22	1	1	3	2	20.3	+0.9	11.1	20	−1	7	+1	68	0	0	4
Nag Hamâdi	01	8	28	1	1	4	4	20.0	+2.1	13.5	23		6	—	62	0	0	—
Qena	01	7	24	2	1	3	3	19.6	+1.9	15.3	23	−1	7	0	64	0	0	—
Luxor	00	7	28	2	0	0	—	19.1	+1.2	16.7	24	−1	10	+4	46	0	0	—
Aswân	00	9	30	2	0	0	—	19.4	+1.2	15.0	25	0	11	0	39	0	0	—
Sîwa	00	7	00	0	0	0	—	22.3	+2.7	10.0	21	0	7	+2	87	0	1	6
Baharîya	00	9	00	0	0	0	—	18.3	−0.3	10.1	21	−1	7	+1	74	0	0	6
Khârga	01	9	32	1	1	4	1	18.7	+0.2	13.0	22	−2	9	+2	66	0	0	
Dakhla	00	7	28	2	0	0	—	21.6	+2.3	14.2	21	−2	9	+3	77	0	0	
Tôr																	0	10
Hurghâda	00	8	28	2	1	2	1			16.8	23	+1	13	+3	54	0	0	3
Quseir	00	8	28	3	0	0	—	16.2	−0.1	18.8	24	+1	15	+1	45	0	11	4
Port Sûdân																0	17	91
Wâdi Halfa	00	8	02	4	0	0	—	16		13					36	0	tr.	
Kareima	00	8	04	3	0	0	—	15		16					24	0	7	1
'Atbara	00	8	32	3	0	0	—	13		21					57	0	2	2
Khartûm	00	8	30	3	0	0	—	12		21					35	0	3	4
Kassala	00	8	00	0	0	0	—	10		22					74	0	31	8
Wad Medani	00	9	02	4	0	0	—	11		22					44	0	13	12
Renk	00	9	06	3	0	0	—	—		23		—		—	41	—	—	49
Roseires	00	8	32	1	0	0	—	—		20					43	0	80	36
El Obeid	00	9	30	4	0	0	—	13		18					22	0	44	16
El Fâsher	00	9	00	0	0	3	1	—	—	15					42	0	2	6
Geneina	00	8	04	3	0	3	1	—	—	18		—		—	13	—	—	4
Kadugli	00	8	04	3	0	3	1	10		31		—		—	13	—	—	89
Malakâl	02	8	32	2	1	8	4,5	19		24					34	0	170	88
Wâu	00	8	32	1	0	0	—	8		23					36	0	113	146
Juba	00	8	00	0	0	3	8	9		21					78	0	188	149

Upper Winds are in the Code HHDDVV where HH is Height 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 (7 h.)	Mariut (7 h. 15 m.)	Port Saîd (7 h. 15 m.)	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa (7 h. 15 m.)	Abu Hamad (7 h.)	Kareima (7 h. 15 m.)	Khartûm (6 h. 30 m.)
03 32 35	03 31 55	03 29 50							09 03 40	09 05 50	09 04 50
	06 31 35	06 29 70						15 35 40	15 02 50	15 03 40	15 02 30
	09 31 40	09 29 55						21 33 18	21 03 20	21 04 25	21 03 20
	12 30 30							27 29 30	27 04 30	24 03 15	24 33 20
	15 28 20								33 04 20	30 02 05	30 28 15
	18 30 15									39 21 35	39 25 15
	21 29 20										

Kassala (6 h. 30 m.)	Port Sûdân	El Obeid (6 h. 45 m.)	El Fâsher (7 h.)	Geneina (7 h.)	Malakal (7 h.)
09 03 10		09 03 55	09 35 20	09 05 50	09 03 50
15 02 20		15 05 50	15 04 20	15 08 40	15 04 50
21 01 30		21 06 35	21 08 25	21 04 20	21 05 35
27 02 30		27 06 25		33 29 15	27 05 20
33 04 05		33 37 10		39 23 30	
39 07 25		39 32 20			

CYPRUS SYNOPTIC 8h. ON 8th

34790 52958 20266 12090 70110 08071
34987 02853 30216 08110 90405 00081

UPPER AIR TEMP — ALMÂZA AT 23 G.M.T. ON 7th

Height feet	PPP	TT	T
Surface	1008.3	55	50
500	990.0	53	49
1000	972	55	48
1500	954	53	46
2000	937	60	44
4000	871	42	37
6000	808	40	28
8000	749	38	26
10000			
12000			
14000			
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	13
Slight Duststorm	18
Rain in past hour	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	48
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89

PAST WEATHER

Clear sky ... Variable sky ...

VISIBILITY

... 200 ... 500 ...

CLOUD FORMS

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

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise h. 06 m. 41 — Sunset h. 17 m. 38

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on FRIDAY 8th (الساعة ١٤ يوم ٨ الجمعة) / At 20h. on 8th (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 8-14h 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
Salum																							130
Matruh	01	9	30	5	2	4	8	21.2	15.2	67	0	01	7	02	4	1	4	8	21.8	14.1	62	0	131
Mariut	01	7	29	4	8	3	8	18	15	48	tr.	01	7	30	4	1	5	8	20	13	44	0	150
Alexandria	02	8	26	6	2	5	8	18.6	15.5	47	0	02	6	30	5	2	5	8	20.7	12.5	39	0	132
Damietta	20	8	28	6	5	3	8	15.9	14.8	51	dr.	14	7	28	6	2	6	8	17.9	13.0	47	0	159
Port Said	20	8	26	4	5	5	9	15.2	14.8	53	tr.	14	8	28	5	5	5	9	18.0	13.2	56	1	134
El Arish																							135
Damanhur	02	6	24	5	5	5	8	17.6	15.0	56	dr.	01	6	24	4	1	3	8	17.9	10.6	78	0	136
Mansura	01	8	30	3	5	4	9	17.2	13.8	44	dr.	01	6	24	2	5	4	9	19.5	10.0	68	dr.	137
Tanta	20	8	28	6	6	5	7	17.6	17.6	56	1	01	8	24	3	1	4	8	20.4	8.7	84	0	138
Zagazig	18	6	28	6	5	7	9	17.4	15.4	57	dr.	00	6	28	2	0	0	—	18.3	10.1	75	0	139
Shebin el Kom	01	8	24	5	5	5	8	17.1	16.6	53	dr.	00	8	26	2	1	3	6	18.4	10.1	72	0	—
Cairo Almaza	05	6	30	5	8	5	6	17.5	16.8	44	dr.	05	6	29	2	1	3	6	20.5	12.0	54	0	141
Cairo Ezbekiya	05	7	26	4	1	5	6	17.5	18.1	44	0	00	7	28	2	0	0	—	21.0	12.0	65	0	—
Cairo Giza	05	7	26	4	1	5	6	17.6	17.8	38	0	00	7	28	2	0	0	—	21.2	11.3	69	0	—
Helwan	18	6	28	7	5	5	9	17.5	17.2	31	dr.	00	6	30	2	3	1	8	20.8	11.4	57	0	143
Suez	02	8	26	5	2	5	9	17.9	18.4	40	0	01	7	26	1	1	4	9	19.9	12.9	55	0	144
Faiyum	12	6	30	5	1	4	8	18.0	18.0	46	0	01	8	32	2	3	4	8	21.8	12.1	64	0	153
Minya	01	9	32	3	1	4	2	17.4	20.4	31	0	02	8	32	4	2	5	2	20.2	13.9	50	0	154
Asyut	01	8	28	2	1	4	2	18.4	19.1	46	0	01	6	28	1	1	3	2	20.4	15.1	51	0	155
Nag Hamadi	01	8	24	2	1	4	4	17.4	20.8	41	0	02	8	00	0	2	5	4	19.1	13.6	63	0	164
Qena	01	8	22	2	1	3	1	16.0	23.8	31	0	01	6	22	2	1	4	3	18.8	17.4	34	0	156
Luxor	01	7	30	2	1	4	—	17.0	23.5	38	0	00	6	28	3	0	0	—	18.4	16.6	52	0	157
Aswan	00	9	32	4	0	0	—	15.6	22.6	23	0	00	9	32	2	0	0	—	18.4	18.9	27	0	158
Siwa	00	7	28	3	0	0	—	21.8	20.8	67	0	00	6	06	1	0	0	—	22.7	14.0	87	0	148
Bahariya												00		00	0	0	0	—	—	11.0	75	0	149
Kharga	02	9	32	1	2	6	1	17.5	21.0	46	0	02	9	32	2	2	6	1	20.4	16.2	49	0	151
Dakhla	00	8	28	3	0	0	—	19.2	20.2	46	0	00	6	32	2	0	0	—	21.5	16.2	55	0	152
																							145
Hurghada												00	9	30	5	0	0	—	17.1	16.3	56	0	146
Quseir	00	8	02	2	0	0	—	14.8	23.0	44	0	00	8	32	3	0	0	—	16.0	17.6	58	0	147
Port Sudan	21	8	02	3	5	7	6	11	26	70													208
Wadi Halfa	01	8	02	4	1	3	1	16	23	19													165
Kareima	00	8	04	4	0	3	1,2	10	31	11													166
Atbara	18	5	32	5	0	0	—	7	33	21													167
Khartum	00	8	05	4	0	0	—	7	32	20													209
Kassala	00	8	02	2	0	0	—	3	34	29													170
Wad Medani	00	8	02	3	0	0	—	5	34	20													171
Renk	00	8	28	3	0	0	—	—	35	22													182
Roseires																							172
El Obeid	00	9	02	4	0	0	—	8	32	15													174
El Fasher	00	9	32	3	0	3	1	—	29	25													175
Geneina																							179
Kadugli	00	8	04	3	0	3	1	6	36	13													187
Malakal	01	8	02	3	1	4	4,5	5	36	17													176
Wau																							177
Juba	01	8	32	2	0	4	8	3	38	18													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

Matruh	Mariut	Port Said	Almaza	Minya	Luxor	Hurghada	Wadi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakal	Juba
13 h.	13 h.			13 h.	13 h.	13 h. 30 m.	13 h. 15 m.	12 h. 45 m.	13 h.	12 h. 30 m.	12 h.	13 h.	12 h. 15 m.
03 32 35	03 22 65			03 33 20	03 34 15	03 32 25	09 36 30	09 03 40	09 03 25	09 01 05	09 03 20	09 03 20	09 08 15
06 32 40	06 23 55			06 32 20	06 33 20	06 31 35	15 34 45	15 03 40	15 01 30	15 03 15	15 04 30	15 05 10	15 07 20
09 32 50	09 24 65			09 32 30	09 33 20	09 30 45	21 30 40	21 04 20	21 33 15	21 05 05	21 05 20	21 25 15	21 07 30
12 33 60	12 24 75			12 32 30	12 32 30	12 28 40	27 28 30	24 01 20	24 31 15	27 06 05	27 03 10		27 07 15
15 32 60	15 23 70			15 31 40	15 31 40	15 29 55	33 29 45	27 35 05	30 30 25	33 04 15	33 02 15		33 10 02
				18 29 40	21 31 35		39 29 45			39 07 10	39 31 10		39 09 20
					33 28 55					51 03 10	51 01 05		51 09 15
											63 23 35		63 13 45

NOTES

... Egyptian standard time, long 30 E. and are ... Greenwich mean time

Station	Humidity 8th	Diff. from normal	Wet Bulb Temp 8th	Diff. from normal
Alexandria	41	− 24	9.2	− 2.2
Ezbekiya	68	+ 5	10.0	− 0.4
Giza	71	+ 3	9.9	− 0.3
Aswan	65	+ 12	8.4	− 0.8

Grass Minimum Temp 9th 2.8°

Cairo — River Nile Temp 9th 15.4°

		46	45
	9-2	1389	1273
	8-2	1389	1273

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.65	− 0.67
Nasser				5.56	+ 0.16
Malakal		10.38	− 0.24	10.42	− 0.22
J. Aulia Res.					
J. Aulia D.S					
Roseires		12.31	+ 0.56	12.32	+ 0.55
Sennar Res.				20.59	
Khartum		10.42	− 0.06	10.47	− 0.03
Kh. el Girba					
Atbara		10.44	+ 0.09	10.44	+ 0.08
Kajnarti		132.74	− 0.40	132.79	− 0.39
Aswan Res.		120.15		120.26	
Aswan D.S		85.95	− 0.41	85.96	− 0.42
Roda (Cairo)		16.58	+ 1.07	16.00	+ 0.52

9th

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 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.	Normal from Oct. 1 mms.
Mediterranean																		
Salum												—		—				69
Matruh	00	9	20	1	1	3	8	22.8	+5.9	10.0	16	−2	8	−1	74	0	65	125
Mariut	00	7	30	1	2	2	6	22		13	16	—	13	—	56	tr.	140	118
Alexandria	01	9	04	2	2	4	4	22.6	+4.8	14.0	16	−3	12	+1	47	0	117	153
Damietta	02	8	22	2	2	6	6	21.9	+5.1	10.5	16	—	7	—	71	dr.	41	76
Port Said	01	8	20	3	5	4	6,4	21.9	+5.2	11.5	17	−2	10	−1	74	2	35	54
El Arish																		59
Lower Egypt																		
Damanhur	01	6	04	2	1	3	8	22.2	+5.2	11.3	16	−4	8	0	72	dr.	43	68
Mansura	00	8	32	1	1	0		22.6	+5.7	10.2	17	−3	6	−1	60	tr.	15	33
Tanta	00	8	00	0	0	0	—	23.0	+5.6	9.0	18	−3	4	−3	87	1	42	26
Zagazig	00	6	22	1	0	0	—	23.1	+5.3	7.4	19	−1	5	−1	83	dr.	6	17
Shebin el Kom	00	8	28	2	0	0	—	23.1	+2.8	8.2	20	—	6	—	73	dr.	12	
Middle Egypt																		
Cairo Almaza	05	6	18	1	0	0	—	22.8	+5.0	9.0	18	—	5	—	57	dr.	2	
Cairo Ezbekiya	05	5	16	2	0	0	—	23.2	+5.4	8.6	19	−2	7	−1	63	0	2	16
Cairo Giza	05	5	16	2	0	0	—	23.4	+5.8	8.7	19	−1	4	−2	73	0	13	16
Helwan	05	6	00	0	0	0	—	23.1	+4.7	7.9	18	−1	6	−3	60	dr.	2	17
Suez	00	9	02	1	0	0	—	23.1	+5.7	11.1	20	0	8	−2	59	0	=	11
Upper Egypt																		
Faiyum	01	6	30	2	1	3	2	23.6	+5.7	6.0	19	−3	3	−4	70	0	8	5
Minya	00	8	30	1	1	2	2	23.6	+5.1	8.4	21	0	4	−2	77	0	dr.	
Asyut	01	6	22	1	1	5	5	23.6	+4.3	7.3	21	−1	5	−1	78	0	0	4
Nag Hamadi	02	8	24	1	2	5	6	22.3	+4.4	10.5	21	—	5	—	74	0	0	
Qena	01	7	20	2	1	3	1	22.0	+4.4	10.2	25	+1	6	−1	61	0	0	
Luxor	00	7	28	2	0	0	—	21.8	+4.0	13.7	24	−1	8	+2	49	0	0	
Aswan	02	9	30	2	1	5	1	20.8	+2.7	12.5	24	−1	11	0	47	0	0	
Western Desert																		
Siwa	00	7	00	0	0	0	—	24.2	+4.6	9.0	21	0	3	−2	89	0	1	6
Bahariya	00	9	00	0	0	0	—	24.0	+5.4	10.0	19	−3	6	0	74	0	0	6
Kharga	02	9	32	3	2	6	5	22.3	+3.9	11.5	21	−3	10	+3	60	0	0	
Dakhla	00	7	04	3	0	0	—	24.0	+4.8	12.1	21	−2	10	+4	60	0	0	
Red Sea																		
																		10
Hurghada	00	9	30	4	0	0	—	21.1	+4.5	16.0	20	−2	11	+1	55	0	0	3
Quseir	00	8	28	4	0	0	—	20.3	+4.1	14.7	24	+1	13	−1	51	0	11	4
Port Sudan	01	8	30	3	1	5	6	16		22					69	tr.	17	9
North Sudan																		
Wadi Halfa	01	8	02	3	1	4	1,2	20		14					41	0	t.	
Kareima	01	8	06	4	0	4	1,2	15		18					30	0	7	[illegible]
Atbara	01	8	28	4	1	4		14		18					43	0	[illegible]	2
Khartum	00	8	32	4	0	1	1	13		21					26	0	[illegible]	4
Kassala	00	8	04	3	0	0	—	9		24					69	0	3	[illegible]
Central Sudan																		
Wad Medani	00	8	32	4	0	0	—	11		22					29	0	[illegible]	12
Renk	00	9	30	3	0	0	—	—		23		—		—	41	—	—	49
Roseires	00	8	32	1	0	0	—	10		23					41	0	80	36
El Obeid	00	9	30	4	0	1	1	13		18					30	0	44	16
El Fasher	01	8	32	1	1	4	1,2	—	—	14					45	0	2	5
Geneina	01	7	02	4	0	3	1	—	—	17		—		—	19	—	—	4
Kadugli												—		—				89
S. Sudan																		
Malakal	02	8	32	4	1	7		9		24					34	0	170	88
Wau	00	8	32	1	0	0	—	8		25					30	0	113	146
Juba	01	8	28	1	0	5	2	8		27					45	0	188	149

Upper Winds are in the Code HHDDVV where HH is Height 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

Matruh	Mariut	Port Said	Helwan	Minya	Asyut	Luxor	Aswan	Wadi Halfa	Abu Hamad	Kareima	
7 h.	7 h.	7 h. 30 m.	8 h. 45 m.		7 h.	7 h.		7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	6 h. 30 m.
03 30 35	03 32 30	03 30 15	02 14 10		02 36 25	03 35 20		09 04 55	09 04 45	09 05 40	09 05 65
06 30 40	06 32 30	06 31 20	05 36 20		05 01 30	06 36 25		15 03 40	15 04 30	15 02 30	15 03 50
09 33 40	09 33 30	09 31 15	08 36 30		10 36 35	09 02 30		21 07 30	21 03 30	21 35 30	21 29 10
15 32 40	12 34 30	12 32 15	10 02 25		15 36 40	15 04 30		27 02 25	27 36 20	24 35 20	24 28 10
18 33 30	15 34 40	15 32 15	15 05 25		20 36 30	21 03 35		33 30 30	33 26 30	30 27 15	30 29 25
	18 33 30		20 33 20		25 34 35	30 02 50		39 26 55	39 35 25		
			23 33 25		30 31 20			51 27 —			
			25 33 30								
			30 32 35								

Kassala	Port Sudan	El Obeid	El Fasher	Geneina	Malakal
7 h.		7 h.	8 h.		7 h.
09 06 20		09 03 60	09 03		09 02 60
15 08 15		15 05 50	15 06 45		15 03 40
21 09 25		21 07 15	21 09 30		21 05 30
27 35 10		27 30 15	27 13 20		27 05 15
33 03 20		33 26 15	33 15 15		30 17 20
39 10 15		36 27 15			

Upper Air Temp — Almaza at 24h. G.M.T. on 8th

Height feet	PPP m.b.	TT °F	
Surface	1012.3	51	44
500	992.8	52	43
1000	976.0	50	41
1500	958.0	47	39
2000	941.0	45	38
4000	874.0	35	32
6000	811.0	34	34
8000	751.7	37	28
10000	696.0	29	24
12000	643.7	22	19
14000	594.6	12	11
16000	548.5	3	3

Cyprus Synoptic 3h. on 9th

34700	00990	26200	19060	10307	00xxx
34900	00992	22112	19075	20006	00043

PRESENT WEATHER 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	
Rain in last hour	20-29
Slight Thunderstorm	
Heavy Thunderstorm	
Duststorm	
Fog or Thick Haze	
Mod. Fog in ...	
Thick	
Fog in patches	
Drizzle	
Rain	
Rain and fog	
Rain and snow	
Snow	
Showers	

WIND FORCE

Calm	0
Almost calm	
Very light	
Light	
Moderate	26
Fresh	
Strong	44
Very strong	
Gale	
Strong gale	
Whole gale	
Storm	
Hurricane over	74

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

Cumulus; Cumulo-nimbus; Stratus

Time of Sunrise 6h 40 h. m.
Sunset 17 39

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on SATURDAY 9th — الساعة ١٤ 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 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	20	1	0	4	8	20.6	15.8	44	0	131
MARIUT	00	7	25	1	0	3	6	21	18	46	0	150
ALEXANDRIA	01	9	04	1	2	4	8	21.4	15.8	46	0	132
DAMIETTA	00	8	24	3	1	2	4	20.7	16.9	50	0	158
PORT SA'ÎD	00	8	30	2	0	3	8	20.7	17.3	48	0	134
EL 'ARÎSH												135
LOWER EGYPT DAMANHÛR	01	7	32	3	1	3	8	20.7	16.8	51	0	136
MANSÛRA	00	8	30	1	0	0	—	21.1	18.4	42	0	137
TANTA	01	8	00	0	1	4	4	20.7	18.5	54	0	138
ZAGAZIG	00	6	22	2	0	0	—	21.1	17.9	46	0	139
SHEBÎN EL KÔM	00	—	30	2	0	0	—	20.2	18.6	42	0	—
MIDDLE EGYPT CAIRO ALMÂZA	00	7	05	2	0	3	1	20.5	14.0	28	0	141
CAIRO EZBEKÎYA	00	7	26	2	0	3	1	20.7	17.8	42	0	—
CAIRO GÎZA	00	7	28	2	0	2	1	20.8	16.9	42	0	—
HELWÂN	00	7	00	0	0	2	1	20.6	16.0	34	0	143
SUEZ	00	9	02	1	0	0	—	21.0	16.4	39	0	144
UPPER EGYPT FAIYÛM	02	8	02	3	2	5	2	20.8	16.5	47	0	153
MINYA	02	8	30	2	2	5	2	20.2	17.9	34	0	154
ASYÛT	01	7	30	2	1	4	2	20.0	16.3	37	0	155
NAG' HAMÂDI	01	8	24	1	1	5	5	18.6	18.9	27	0	164
QENA	01	8	24	1	1	3	1	18.6	19.4	38	0	156
LUXOR	01	7	30	2	1	4	1	18.8	19.5	43	0	157
ASWÂN	05	6	28	2	3?	5	8	17.8	18.6	23	0	158
WESTERN DESERT SÎWA	00	8	00	0	0	0	—	20.2	15.5	39	0	148
BAHARÎYA	01	9	00	0	1	4	—	21.8	17.0	52	0	149
KHÂRGA	02	9	32	1	2	6	5	19.9	16.0	45	0	151
DAKHLA	00	7	28	4	0	0	—	20.7	17.2	42	0	152
RED SEA TÛR												145
HURGHADA	01	8	02	3	1	4	8	—	17.5	52	0	146
QUSEIR	00	8	30	4	0	8	—	19.4	18.8	52	0	147
PORT SÛDÂN												148
NORTH SÛDÂN WÂDI HALFA	01	7	02	4	1	5	4,1	16	22	20		165
KAREIMA	00	8	04	3	0	0	—	11	29	17		166
'ATBARA	01	8	04	3	1	3	4	8	31	29		167
KHARTÛM	00	8	01	5	0	1	1	7	32	20		168
KASSALA	00	7	04	3	0	0	—	4	33	36		170
CENTRAL SÛDÂN WAD MEDANI	00	8	04	4	0	2	3	5	34	20		171
RENK	00	9	28	3	0	0	—	4	35	30		182
ROSEIRES	00	8	28	2	0	0	—	—	36	27		172
EL OBEID	00	9	02	5	0	0	—	6	31	19		174
EL FÂSHER	02	9	02	3	1	5	2	—	29	25		175
GENEINA												179
KADUGLI	00	8	04	4	1	1	1	5	34	16		187
S. SÛDÂN MALAKÂL	01	8	32	4	1	4	4	3	37	17		176
WÂU												177
JUBA	00	8	04	1	0	2	8	2	38	18		178

At 20h. on 9th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. ppp	°C TEMP. TTT	% HUMIDITY uu	RAIN 14-20 h. mms
MEDITERRANEAN SALÛM											
MATRÛH	01	—	16	1	1	4	8	20.6	12.0	40	0
MARIUT	00	6	00	0	1	5	2	21	10	76	0
ALEXANDRIA	01	6	00	0	2	4	4	21.5	12.8	57	0
DAMIETTA	00	6	08	1	1	2	1	21.0	10.2	82	0
PORT SA'ÎD	00	8	02	3	0	3	1	21.1	11.9	69	0
EL 'ARÎSH											
LOWER EGYPT DAMANHÛR	01	6	32	2	1	3	1	21.2	11.6	73	0
MANSÛRA	01	6	04	1	1	3	8	21.8	11.8	76	0
TANTA	02	8	00	0	2	7	6	21.9	11.0	87	0
ZAGAZIG	00	6	24	2	0	0	—	21.0	11.3	74	0
SHEBÎN EL KÔM	01	8	30	2	1	4	8	21.4	12.8	66	0
MIDDLE EGYPT CAIRO ALMÂZA	01	7	02	1	0	4	4,1	20.9	13.8	47	0
CAIRO EZBEKÎYA	01	6	00	0	1	4	6	21.0	13.0	67	0
CAIRO GÎZA	01	6	00	0	1	4	6	21.1	11.1	72	0
HELWÂN	02	7	32	2	2	7	1	20.8	13.4	50	0
SUEZ	01	8	00	0	1	4	5	21.2	13.9	45	0
UPPER EGYPT FAIYÛM	02	5	00	0	2	5	2	21.2	12.3	75	0
MINYA	02	8	32	1	2	7	2	21.1	12.6	68	0
ASYÛT	01	6	22	1	1	5	2	20.7	11.8	59	0
NAG' HAMÂDI	02	8	00	0	2	8	5	19.5	12.3	61	0
QENA	01	6	24	1	1	4	3	19.8	12.6	70	0
LUXOR	00	6	28	2	0	0	—	19.5	13.7	59	0
ASWÂN											
WESTERN DESERT SÎWA	00	5	00	0	0	0	—	21.2	9.0	61	0
BAHARÎYA	00	—	00	0	0	0	—	21.1	10.0	74	0
KHÂRGA	02	9	32	2	2	6	5	21.1	—	—	0
DAKHLA	00	6	32	1	0	0	—	20.7	15.8	46	
RED SEA TÛR											
HURGHADA	00	9	26	3	0	0	—	18.3	16.5	56	0
QUSEIR	00	8	28	2	0	0	—	18.8	16.2	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 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.	13h. 15m.	h. m.	h. m.	13h. m.	13h. m.	h. m.	13h. 30m.	12h. 45m.	13h. m.	13h. m.	12h. 30m.	13h. m.	13h. 15m.
03 25 20	03 29 45			03 01 15	03 03 10		09 03 45	09 04 30	09 04 20	09 03 20	09 05 30	09 02 30	09 03 15
06 25 20	06 29 20			06 02 20	06 04 10		15 05 35	15 03 25	15 04 35	15 05 35	15 06 30	15 03 40	15 02 20
09 22 15	09 25 15			09 36 20	09 05 15		21 09 35	21 36 20	24 35 15	21 07 35	21 03 20	21 04 25	21 01 50
15 31 15	15 31 10			12 33 05	15 02 30		27 08 35	24 30 10	27 27 05	27 07 40	27 01 15	27 05 20	27 36 40
21 28 20	21 29 30			15 32 05	21 02 25		33 28 15	30 27 25		33 09 40	33 04 15		33 35 15
24 27 20	27 25 40			18 32 20	27 36 35		39 25 35	39 25—					
27 27 25	30 27 40			21 34 20	33 31 20								
30 26 35	36 26 35				39 30 25								
	39 28 —												

Remarks

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

STATION	Mean of day HUMIDITY % 9h	Diff from normal	Mean of day WET BULB TEMP 9h °C	Diff from normal
Alexandria	53	-12	9.5	-1.9
Ezbekiya	59	-4	9.2	-1.2
Giza	67	-1	8.8	-1.4
Helwân	50	-3	7.7	-1.6

GIZA — GRASS MINIMUM TEMP. ON 10th 2.2° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 10th 15.2° C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	10th	1389	1157
	9th	1389	1273

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.65	-0.67
Nâsser				5.54	+0.16
Malakâl		10.36	-0.24	10.38	-0.24
J. Aulia Res.					
J. Aulia D.S					
Roseires	10th	12.30	+0.57	12.31	+0.56
Sennar Res.				20.55	—
Khartûm		10.40	-0.07	10.42	-0.06
Kh. el Girba					
'Atbara		10.42	+0.08	10.44	+0.09
Kajnarti		132.71	-0.40	132.74	-0.40
Aswân Res.		120.65	—	120.15	—
Aswân D.S		85.93	-0.38	85.95	-0.41
Roda (Cairo)		16.54	+1.00	16.58	+1.07

Printed by the Survey of Egypt, 1945. (45/308)

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	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	TEMPERATURE MAXIMUM Yesterday °C MM	TEMPERATURE MAXIMUM Diff. from norm. °C	TEMPERATURE MINIMUM Today °C mm	TEMPERATURE 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 SALÛM																			130
MATRÛH	00	9	18	1	1	3		19.4	+2.5	9.8	17	-1	6	-3	50	0	65	126	131
MARIUT	01	7	00	0	2	3	4,3	21	—	10	18	—	6	—	88	0	140	119	150
ALEXANDRIA	01	9	16	1	2	4	4	21.2	+3.4	11.6	16	-3	10	-1	65	0	117	154	132
DAMIETTA	04	6	14	1	1	5	5	21.2	+4.5	9.9	17	—	8	—	88	0	41	77	158
PORT SA'ÎD	02	7	10	3	2	5	6	21.5	+4.9	14.0					65	0	35	54	134
EL 'ARÎSH																	51	59	135
LOWER EGYPT DAMANHÛR	01	6	08	2	1	4	1	21.0	+4.1	10.3	19	-1	8	0	81	0	43	69	136
MANSÛRA	02	7	04	1	2	5	0	21.4	+4.5	12.2	20	0	6	-1	72	0	15	34	137
TANTA	01	8	00	0	1	4	4	21.5	+4.1	9.6	20	-1	5	-2	82	0	42	27	138
ZAGAZIG	01	6	02	2	1	4	5	21.5	+3.8	7.8	20	0	6	-1	88	0	6	17	139
SHEBÎN EL KÔM	00	8	08	2	0	1	8	20.6	+2.9	9.6	21	—	7	—	76	0	12	—	—
MIDDLE EGYPT CAIRO ALMAZA	05	5	00	0	0	4	4,1	21.3	+3.6	8.3	19	—	8	—	62	0	2	—	141
CAIRO EZBEKÎYA	08	4	02	2	1	5	5	20.6	+2.9	8.8	19	-2	7	-1	71	0	2	16	—
CAIRO GÎZA	08	4	02	2	1	4	5	20.6	+3.0	7.5	18	-2	4	-2	83	0	13	17	—
HELWÂN	05	6	00	0	2	5	4	20.4	+2.1	9.4	17	-2	6	-3	56	0	2	17	143
SUEZ	01	9	02	1	1	5	3	21.8	+4.5	12.8	20	-1	9	-1	54	0	—	11	144
UPPER EGYPT FAIYÛM	02	7	00	0	2	7	5	20.0	+2.2	9.0	19	-3	6	-1	76	0	8	5	153
MINYA	03	8	24	1	2	8	2	20.4	+2.0	10.2	18	-3	7	0	75	0	tr	—	154
ASYÛT	02	6	22	1	2	6	5	20.2	+1.0	11.5	19	-3	8	+1	62	0	0	4	155
NAG' HAMÂDI	02	8	00	0	2	5	5	19.8	+2.0	10.8	20	—	6	—	65	0	0	—	164
QENA	03	6	22	2	1	5	4	19.6	+2.2	11.6	20	-4	7	-1	68	0	0	—	156
LUXOR	00	7	28	2	0	0	—	19.9	+2.2	10.0	21	-5	6	-2	68	0	0	—	157
ASWÂN	01	9	32	3	1	4	1	18.6	+0.6	11.8	20	-5	9	-2	38	0	0	—	158
WESTERN DESERT SÎWA	00	7	00	0	0	0	—	20.3	+0.8	6.0	18	-3	2	-3	65	0	1	6	148
BAHARÎYA	01	9	32	1	1	4	—	20.3	+1.8	11.2	19	-3	7	+1	73	0	0	6	149
KHÂRGA	02	9	32	1	2	6	9	19.6	+1.3	13.0	18	-6	10	+3	58	0	0	—	151
DAKHLA	00	7	12	3	0	0	—	19.2	+0.0	12.1	18	-5	7	+1	60	0	0	—	152
RED SEA TÛR																	0	10	145
HURGHÂDA	01	9	28	2	1	4	8	19.0	+2.4	16.1	22?	0	13	+3	55	0	0	3	146
QUSEIR	00	8	26	3	0	0	—	19.1	+2.9	16.7	20	-3	13	-1	50	0	11	11	147
PORT SÛDÂN	01	8	30	4	2	5	6,3	15		22					61	0	17	91	148
NORTH SÛDÂN WÂDI HALFA	02	8	30	2	1	6	4,5	17		15					30	0	21	—	165
KAREIMA	02	8	26	2	1	5	4,2	14		18					30	0	7	1	166
'ATBARA	00	8	02	3	0	0	—	13		19					49	0	2	2	167
KHARTÛM	01	8	03	3	1	4	4,2	12		21					57	0	3	4	168
KASSALA	00	8	00	0	0	0	—	9		22					74	0	31	8	170
CENTRAL SÛDÂN WAD MEDANI	02	9	04	4	1	7	1	10		21					66	0	13	12	171
RENK	00	9	32	3	0	0	—	9		24					38	—	—	49	182
ROSEIRES	00	8	32	1	0	0	—	10		21					57	0	80	36	172
EL OBEID	00	9	32	4	0	3	4	11		20					21	0	44	16	174
EL FÂSHER	01	9	32	2	1	5	4,1	—	—	15					45	0	2	6	175
GENEINA								—	—						—	—	—	4	179
KADUGLI	00	8	04	4	0	1	1	10		—					—	—	—	89	187
S. SÛDÂN MALAKÂL	02	8	02	4	1	8	—	9		26					34	0	170	88	176
WÂU	00	7	00	0	0	8	—	7		23					47	0	113	146	177
JUBA	00	7	12	1	0	3	4	8		29					48	0	188	150	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	MARIUT	PORT SA'ÎD	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.	6 h. 45 m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	6 h. 30 m.
03 21 25			02 07 25		02 19 05	03 03 15	02 01 20	09 13 15	09 07 40	09 06 25	09 04 55
06 22 25			05 07 15		05 04 10	06 07 25	05 09 20	15 09 20	15 03 30	15 32 15	15 31 10
09 23 25			10 21 20		10 33 10	09 09 15	10 07 25	21 01 05	21 01 15	21 25 15	21 33 10
12 24 25			15 22 30		15 25 20	15 13 15	15 26 10	27 27 20	27 01 15	24 34 30	27 32 30
15 25 25			20 22 45		20 25 25	21 23 15	20 01 02	30 27 35	33 02 15	27 30 35	30 32 25
18 26 25			25 22 50		25 24 35	33 25 35	25 25 15		39 33 25	30 30 25	36 31 15
21 25 35			30 20 30		30 20 25	39 24 35				39 25 45	
			40 16 20			45 26 45					
			48 16 25								

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	7 h. m.	h. m.	h. m.	7 h. m.
		09 36 25			09 03 55
		15 01 35			15 03 55
		21 02 45			21 03 40
		27 03 55			27 02 25
		33 09 45			33 01 20
		39 15 20			39 01 20

UPPER AIR TEMP.

ALMÂZA AT 23h. GMT ON 9th

HEIGHT FEET	P.P.P. m.b.	T.T. °F	T.T. °F
Surface	1011	47	42
500	993	52	45
1000	975	50	42
1500	957	48	42
2000	940	46	40
4000	873	49	33
6000	810	42	30
8000	761	37	28
10000	696	30	24
12000	643	23	19
14000	594	13	12
16000	548	6	5

CYPRUS SYNOPTIC 8h. ON 10th

34780 01753 00013 18120 90305 00040
34950 01963 16123 20120 81303

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 06 h. 39 m.
Sunset 17 h. 40 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on SUNDAY 10th (الساعة ١٤ يوم 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 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	00	0	0	0	—	17.4	19.0	26	0	00	7	00	0	0	0	—	17.6	12.0	40	0	131
Mariut	00	7	30	1	0	2	6	18	20		0	00	7	03	2	0	0	—	18	12	76	0	150
Alexandria	01	9	06	2	2	4	8	18.0	18.0	46	0	00	6	06	1	0	0	—	18.6	14.9	61	0	132
Damietta	02	8	12	3	1	5	4	19.2	16.6	60	0	02	7	08	2	1	6	4	18.2	14.2	75	0	159
Port Sa'îd	01	8	04	2	1	4	6	19.8	16.6	58	0	02	8	04	3	2	7	4	17.9	14.9	68	0	134
El 'Arîsh																							135
Lower Egypt																							
Damanhûr	01	7	04	3	1	3	8	17.5	18.6	49	0	01	6	04	2	1	5	4	18.0	13.3	81	0	136
Mansura	01	8	08	1	1	4	6	18.3	19.6	45	0	01	6	04	1	1	4	8	18.2	13.6	73	0	137
Tanta	02	8	04	1	1	5	4	17.2	18.0	53	0	01	8	00	0	1	4	8	18.3	13.7	85	0	138
Zagazig	02	6	06	3	1	5	5	17.4	18.2	38	0	00	6	28	2	0	0	—	18.4	12.2	75	0	139
Shebîn el Kôm	01	8	02	3	1	4	8	17.2	18	42	0	01	8	04	2	1	3	8	19.1	13.3	67	0	—
Middle Egypt																							
Cairo Almâza	01	7	04	2	1	5	4	16.7	18.6	19	0	00	7	32	1	0	0	—	17.4	14.3	46	0	141
Cairo Ezbekîya	02	8	02	2	1	6	8	16.7	20.3	29	0	00	7	32	1	0	0	—	17.4	13.4	66	0	—
Cairo Gîza	02	8	02	2	1	5	8	16.8	19.1	29	0	00	7	32	1	0	0	—	17.4	10.4	78	0	—
Helwan	02	7	00	0	5	5	4	16.2	20.5	28	dr.	00	6	06	2	0	0	—	17.2	14.0	47	0	143
Suez	02	9	00	0	2	5	5	18.4	19.4	34	0	00	8	00	0	0	0	—	—	18.3	52	0	144
Upper Egypt																							
Faiyûm	01	8	00	0	1	4	5	17.1	20.0	40	0	08	4	00	0	4	4	5	17.1	14.0	68	0	153
Minya	00	9	14	1	1	0	—	16.6	21.8	26	0	00	8	02	1	0	0	—	17.6	15.6	52	0	154
Asyût	00	8	30	1	2	0	—	16.3	20.5	37	0	00	6	22	1	0	0	—	17.1	15.1	48	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	16.0	24.5	24	0	00	8	00	0	0	0	—	16.3	13.1	65	0	164
Qena	01	8	26	2	2	3	1	15.9	23.4	28	0	01	6	24	1	1	3	1	15.9	15.2	52	0	156
Luxor	00	7	30	2	0	0	—	16.6	23.0	23	0	00	6	28	2	0	0	—	16.4	13.7	56	0	157
Aswân	01	9	30	2	1	4	—	14.0	25.4	20	0	01	9	30	1	1	4	1	15.2	20.4	22	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	18.3	—	38	0	00	9	00	0	0	0	—	17.2	11.0	63	0	148
Baharîya	01	9	00	0	1	4	—	17.5	18.2	43	0												149
Khârga	00	9	32	1	0	0	—	16.3	22.8	35	0	00	7	32	1	0	0	—	15.5	17.4	44	0	151
Dakhla	00	8	28	1	0	0	—	17.1	22.4	28	0	00	6	28	1	0	0	—	16.2	17.8	34	0	152
Red Sea																							
Tôr																							145
Hurghâda	03	6	02	2	2	8	0	17.7	—	—	0	00	9	12	1	0	0	—	—	16.5	56	0	146
Quseir	00	8	32	3	0	0	—	17.5	22.8	50	0	00	8	28	2	0	0	—	—	18.0	64	0	147
Port Sûdân	02	8	02	4	1	5	8,3	12	27	58													248
North Sûdân																							
Wadi Halfa	02	8	02	4	1	6	4,3	13	24	26													165
Kareima	01	8	06	2	1	5	4,1	9	29	19													166
'Atbara	01	8	04	3	1	4	4	8	30	27													167
Khartûm	01	8	02	4	1	3	1	7	33	19													249
Kassala	01	8	04	4	1	4	2	4	33	26													170
Central Sûdân																							
Wad Medani	02	8	32	5	0	7	1	5	35	16													171
Renk	00	9	28	3	0	0	—	1	35	25													182
Roseires	00	8	28	2	0	0	—	4	38	21													172
El Obeid	01	9	02	4	1	3	1	5	31	24													174
El Fâsher	00	9	04	1	0	0	—	—	31	24													175
Geneina	00	7	10	2	1	2	1	—	33	10													179
Kadugli	00	8	04	3	0	1	1	5	37	13													187
S. Sûdân																							
Malakâl	05	7	02	2	1	5	4,5	3	36	22													176
Wau	00	7	32	2	0	3	4	2	37	13													177
Juba	02	8	32	1	0	5	8	2	39	20													178

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	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												—		—				71
Matrûh	00	9	14	1	0	0	—	15.9	-0.9	9.8	20	+2	7	-2	87	0	65	127
Mariut	00	7	00	0	0	0	—	17	—	13	20	—	9	—	88	0	140	120
Alexandria	00	8	00	0	0	0	—	17.4	-0.3	15.4	19	0	10	-1	70	0	117	155
Damietta	04	6	08	1	4	0	—	16.2	-0.5	14.2	17	—	10	—	90	0	41	78
Port Sa'îd	00	6	12	2	0	0	—	16.2	-0.4	14.2	18	-1	11	0	84	0	35	55
El 'Arîsh																	51	60
Lower Egypt																		
Damanhûr	00	6	04	2	0	0	—	17.1	+0.2	11.3	20	0	9	+1	94	0	43	69
Mansûra	01	8	04	1	1	4	0	16.2	-0.6	11.2	21	+1	9	+2		0	15	34
Tanta	00	8	00	0	0	0	—	17.8	+0.5	8.0	20	-1	4	-3	93	0	42	27
Zagazig	04	4	14	1	4	0	—	17.2	-0.4	10.4	19	-1	5	-2	100	0	6	17
Shebîn el Kôm	08	4	32	1	4	0	—	16.2	-1.4	8.0	20	—	5	—	82	0	12	—
Middle Egypt																		
Cairo Almaza	08	4	00	0	0	0	—	16.6	-1.1	10.0	21	—	6	—	72	0	2	—
Cairo Ezbekîya	08	3	00	0	4	0	—	16.6	-1.1	9.8	22	+1	7	-1	82	0	2	16
Cairo Gîza	08	4	00	0	4	0	—	17.0	-0.6	7.9	21	+1	4	-2	94	0	13	17
Helwân	00	6	00	0	0	0	—	16.6	-1.7	11.8	23	+3	8	-1	40	dr.	2	17
Suez	00	9	14	2	0	0	—	16.7	-0.5	14.9	22	+1	8	-2	57	0	—	11
Upper Egypt																		
Faiyûm	08	4	00	0	4	2	5	17.1	-0.6	8.0	22	0	6	-1	72	0	8	5
Minya	00	8	12	1	0	0	—	16.2	-2.1	11.8	23	+2	7	0	69	0	dr.	—
Asyût	00	6	00	0	0	0	—	16.8	-2.4	12.5	23	+1	8	+1	62	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	16.4	-1.4	12.4	26	—	4	—	55	0	0	—
Qena	00	7	12	1	1	0	—	16.6	-0.9	14.0	26	+2	6	-2	33	0	0	—
Luxor												—		—			0	
Aswân	00	9	02	1	0	0	—	15.4	-2.6	14.0	26	+1	10	-1	47	0	0	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	15.8	-3.7	7.0	21	0	5	0	85	0	1	6
Baharîya	00	9	32	1	0	0	—	17.6	-0.8	11.1	20	-2	6	0	73	0	0	6
Khârga	00	9	32	1	0	0	—	15.9	-2.4	16.2	24	0	12	+5	41	0	0	—
Dâkhla	00	7	16	1	0	0	—	17.5	-1.6	11.2	25	+1	7	+1	50	0	0	—
Red Sea																		
Tôr																	0	10
Hurghâda	00	9	26	1	0	0		—	—	15.5	23	+1	13	+3	55	0	0	3
Quseir	00	8	26	3	0	0	—	15.8	-0.3	17.7	24	+1	13	-1	56	0	11	4
Port Sûdân	02	8	26	2	1	8	6,4	15		24					44	0	17	92
North Sûdân																		
Wâdi Halfa	00	8	04	1	1	2	4	13		16					42	0	tr.	—
Kareima	01	8	04	2	1	4	1	12		18					37	0	7	1
'Atbara	01	8	02	2	1	3	4	12		20					56	0	2	2
Khartûm	00	8	32	2	0	0	—	11		21					41	0	3	4
Kassala	00	8	00	0	0	0	—	9		22					69	0	31	8
Central Sûdân																		
Wad Medani	00	9	32	3	0	0	—	10		22					44	0	13	12
Renk	00	9	32	3	0	0	—	9		25		—		—	42	—	—	49
Roseires	00	8	12	1	0	0	—	—		22					44	0	80	36
El Obeid	00	9	32	3	0	0	—	10		19					28	0	44	16
El Fâsher	00	9	00	0	0	3	1	—	—	15					52	0	2	6
Geneina	00	7	06	2	0	1	4,1	—	—	17		—		—	28	—	—	4
Kadugli	00	8	12	3	0	0	—	8		27		—		—	23	—	—	89
S. Sûdân																		
Malakâl	01	8	32	2	1	4	4	8		24					36	0	170	88
Wâu	05	6	00	0	0	0	—	7		26					35	0	113	146
Juba	25	6	00	0	8	6	4,5	8		26					58	tr.	188	150

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 Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
12 h. 45 m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	12 h. 45 m.	11 h. 15 m.	13 h. m.	13 h. m.	12 h. 30 m.	13 h. m.	13 h. 15 m.
03 20 10					03 04 15		09 02 10	09 34 10	09 01 25	09 03 15	09 03 15	09 03 20	09 03 15
06 20 15					06 07 15		15 10 10	15 01 15	15 35 20	15 07 15	15 05 15	15 02 30	15 03 15
09 15 15					09 06 15		21 12 15	21 02 15	21 32 10	21 04 05	21 03 20	21 01 20	21 04 20
15 20 15					15 10 10		27 15 05	24 35 20	24 30 15	27 06 20	27 04 15	27 34 10	27 04 20
24 19 20					21 23 10		33 28 20	27 29 20	27 30 15	33 36 20	33 07 10	33 31 05	33 05 20
30 19 25					33 25 15		39 27 35	30 28 25		39 36 15	39 22 15	39 30 05	39 07 15
48 21 45								39 26 40		51 36 15	57 21 40		
								51 25 40			63 28 20		

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
7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	h. m.
03 15 30	03 18 05	03 10 20				03 03 20		09 10 40	09 07 45	09 09 25	
06 17 30	06 19 05	06 15 15				06 06 25		15 13 35	15 05 20	15 09 10	
09 19 30	09 18 05	09 17 15				09 06 20		21 20 05	21 31 15	21 01 05	
15 19 20	15 05 05	12 16 25				15 05 15		27 27 45	27 29 40	24 05 05	
21 21 30	24 23 35	15 15 30				21 32 05		33 26 30		27 25 05	
	30 24 30					27 24 40		39 26 55		30 34 15	
	36 25 50					33 22 30				39 27 20	
	39 26 50										
	45 22 60										

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 30 m.	h. m.	6 h. 30 m.	7 h. m.	7 h. m.	7 h. m.
09 10 15		09 03 20	09 03 20	09 11 20	09 03 60
15 07 20		15 03 20	15 05 30	15 18 15	15 04 50
21 04 25		21 02 20	21 07 30	21 19 10	21 06 25
27 04 20		27 03 20	27 09 20	27 21 15	27 05 10
33 05 20		33 04 20		33 23 20	33 05 05
39 36 15		39 06 20		39 21 45	

Upper Air Temp.

Almâza at 24 h. G.M.T. on 10th

Height feet	PPP m.b.	TT °F	tt °F
Surface	1008	48	42
500	990	57	46
1000	972	59	47
1500	954	58	46
2000	937	57	42
4000	871	51	40
6000	808	41	37
8000	749	35	31
10000	693	30	26
12000	641	23	21
14000	592	16	15
16000	545	10	7

CYPRUS SYNOPTIC 8h. ON 11th
34712 01972 06214 18130 70502 00070

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
	11th	1331	1042
	10th	1389	1157

Mean of day

Station	Humidity % on 10th	Diff from normal	Wet Bulb Temp °C on 10th	Diff from normal
Alexandria	59	-6	10.5	-0.9
Ezbekiya	62	-1	9.6	-0.9
Giza	75	+7	8.6	-1.7
Helwân	47	-5	8.9	-0.4

GÎZA — GRASS MINIMUM TEMP. ON 11th 1.4° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 11th 15.4° C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				5.53	+0.17
Malakâl		10.34	-0.24	10.36	-0.24
J. Aulia Res.				377.17	—
J. Aulia D.S				371.43	0.00
Roseires	11th	12.28	+0.56	12.30	+0.57
Sennar Res.		20.52	—	20.54	—
Khartûm		10.37	-0.09	10.40	-0.07
Kh. el Girba					
'Atbara		10.39	+0.06	10.42	+0.08
Kajnarti		132.84	-0.39	132.71	-0.40
Aswân Res.		120.00	—	120.05	—
Aswân D.S		85.84	-0.42	85.93	-0.38
Roda (Cairo)		16.51	+0.96	16.54	+1.00

PRESENT WEATHER (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
Rain in past hour	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	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at 50 metres	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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ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 6h 58m
Sunset 17 41

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

1417 F.C.

At 14h. on MONDAY 11th — الساعة ١٤ يوم الاثنين ١١

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 8-14 mms	STATION NUMBER
	WW	V	DD	F	W	N	C	PPP	TTT	UU		
MEDITERRANEAN SALÛM												130
MATRÛH	00	9	16	1	0	0	—	13.5	21.0	32	0	131
MARIUT	05	6	00	0	0	0	—	15	20	38	0	150
ALEXANDRIA	00	9	04	2	0	0	—	18.2	18.4	59	0	132
DAMIETTA	00	8	28	2	1	1	8	14.4	17.9	71	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	14.6	18.7	58	0	134
EL 'ARÎSH												135
LOWER EGYPT DAMANHÛR	00	6	04	2	0	0	—	17.2	20.0	48	0	136
MANSÛRA	00	8	32	1	1	0	—	14.6	21.4	50	0	137
TANTA	00	8	00	0	0	0	—	14.6	21.5	46	0	138
ZAGAZIG	00	—	22	2	0	0	—	15.2	20.8	52	0	139
SHEBÎN EL KÔM	00	8	22	2	0	0	—	15.2	22.1	47	0	—
MIDDLE EGYPT CAIRO ALMÂZA	05	6	28	2	0	0	—	14.4	20.7	33	0	141
CAIRO EZBEKÎYA	05	7	00	0	0	0	—	14.6	21.9	35	0	—
CAIRO GÎZA	05	7	00	0	0	0	—	14.3	23.1	36	0	—
ḤELWÂN	00	7	00	0	0	0	—	14.4	21.3	33	0	143
SUEZ	00	9	14	2	0	0	—	15.0	20.4	51	0	144
UPPER EGYPT FAIYÛM	00	8	30	1	0	0	—	14.4	22.0	38	0	153
MINYA	00	9	02	2	0	0	—	12.8	24.6	22	0	154
ASYÛT	00	8	12	1	0	0	—	13.5	26.0	30	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	14.4	26.3	32	0	164
QENA	00	8	08	1	0	0	—	13.8	25.3	28	0	156
LUXOR												157
ASWÂN	00	9	28	2	0	0	—	11.2	29.4	17	0	158
WESTERN DESERT SIWA	00	6	12	2	0	0	—	13.2	25.4	27	0	148
BAHARÎYA												149
KHÂRGA	00	9	14	1	0	0	—	13.0	27.3	30	0	151
DAKHLA	00	8	24	1	0	0	—	14.4	23.7	18	0	152
RED SEA ṬÛR	00	7	28	3	0	0	—	15.1	23.1	43	0	145
HURGHÂDA	00	9	12	1	0	0	—	—	23.0	38	0	146
QUSEIR	00	8	02	2	0	0	—	14.6	23.8	58	0	147
PORT SUDAN	02	8	32	3	1	7	4,6	12	26	62		169
NORTH SUDAN WÂDI ḤALFA	01	8	32	2	0	3	4,5	10	27	23		165
KAREIMA	00	8	04	3	1	3	4	7	33	19		166
ATBARA	00	8	04	1	1	0	—	6	33	21		167
KHARṬÛM	00	8	04	3	0	0	—	5	36	18		168
KASSALA	00	7	04	4	0	0	—	3	36	29		170
CENTRAL SUDAN WAD MEDANI	00	8	02	4	0	0	—	3	38	11		171
RENK												182
ROSEIRES												172
EL OBEID	00	9	02	3	0	0	—	4	33	13		174
EL FÂSHER	00	8	28	1	0	0	—	—	32	17		175
GENEINA	00	8	20	1	0	1	1	—	37	11		179
KADUGLI	00	8	04	3	0	0	—	4	39	13		187
S. SUDAN MALAKÂL	05	7	04	3	0	3	1	3	37	16		176
WÂU	00	7	08	3	0	1	8	2	38	17		177
JUBA	01	8	30	1	1	4	8	2	38	25		178

At 20h. on 11th — الساعة ٢٠ يوم الاثنين ١١

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 14-20 mms	STATION NUMBER
	WW	V	DD	F	W	N	C	PPP	TTT	UU		
MEDITERRANEAN SALÛM												130
MATRÛH	00	—	14	1	0	0	—	11.8	15.4	79	0	131
MARIUT	05	6	12	3	0	0	—	14	21	50	0	150
ALEXANDRIA	00	6	10	3	0	0	—	14.0	15.2	66	0	132
DAMIETTA	00	6	32	1	0	0	—	14.8	13.0	91	0	159
PORT SA'ÎD	00	8	02	2	0	0	—	14.8	14.9	89	0	134
EL 'ARÎSH												135
LOWER EGYPT DAMANHÛR	01	6	04	3	1	3	8	14.0	13.4	82	0	136
MANSÛRA	01	6	04	1	1	3	8	15.1	14.8	76	0	137
TANTA	00	8	00	0	0	0	—	15.1	15.0	82	0	138
ZAGAZIG	00	6	24	2	0	0	—	15.6	15.4	76	0	139
SHEBÎN EL KÔM	00	8	30	2	0	0	—	15.0	15.4	60	0	—
MIDDLE EGYPT CAIRO ALMÂZA	00	7	09	2	0	0	—	13.9	17.0	43	0	141
CAIRO EZBEKÎYA	00	7	02	1	0	0	—	14.4	15.6	62	0	—
CAIRO GÎZA	00	8	00	0	0	0	—	14.4	15.9	59	0	—
ḤELWÂN	00	7	02	4	0	0	—	13.8	18.0	38	0	143
SUEZ	00	8	14	1	0	0	—	12.5	18.4	52	0	144
UPPER EGYPT FAIYÛM	00	8	02	1	0	0	—	13.4	16.6	60	0	153
MINYA	00	8	02	1	0	0	—	13.1	19.3	46	0	154
ASYÛT	00	6	22	1	0	0	—	12.4	16.0	59	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	12.6	14.0	74	0	164
QENA	00	6	32	1	0	0	—	13.2	17.6	50	0	156
LUXOR	00	6	28	1	0	0	—	12.6	16.3	57	0	157
ASWÂN	00	9	00	0	0	0	—	10.8	24.6	35	0	158
WESTERN DESERT SIWA	00	5	00	0	0	0	—	10.6	18.5	46	0	148
BAHARÎYA	00	—	32	1	0	0	—	—	17.0	34	0	149
KHÂRGA	00	—	04	1	0	0	—	12.0	21.5	26	0	151
DAKHLA	00	6	12	1	0	0	—	15.1	19.8	22	0	152
RED SEA ṬÛR	00	7	28	3	0	0	—	15.1[1]	—	—	0	145
HURGHÂDA	00	9	26	1	0	0	—	—	18.1	52	0	146
QUSEIR	00	8	28	1	0	0	—	13.5	20.4	67	0	147
PORT SUDAN												169
NORTH SUDAN WÂDI ḤALFA												165
KAREIMA												166
ATBARA												167
KHARṬÛM												168
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 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	ḤURGHÂDA	WÂDI HALFA	KAREIMA	KHARṬÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	8 h 15 m	12 h. m.	13 h. m.	13 h. m.	13 h. m.	12 h 30 m.	13 h. m.	13 h 15 m.
03 14 15					03 36 35		09 19 15	09 10 15	09 03 20	09 03 15	09 05 20	09 05 15	09 19 05
06 17 15					06 14 10		15 18 10	15 11 15	15 05 15	15 03 15	15 06 30	15 14 20	15 17 05
09 22 20					09 10 20		21 23 20	21 14 15	21 02 20	21 04 15	21 06 35	21 06 25	21 15 05
12 22 30					15 10 20			30 23 10	30 29 15	27 04 20	33 30 15	33 08 30	33 10 05
15 25 25					21 12 15			39 27 40			39 27 15		39 10 30
21 26 30					30 25 35								
24 28 20													
27 22 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'ÎD	ḤELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU ḤAMAD	KAREIMA	KHARṬÛM
7 h. m.	7 h. m.	h. m.	8 h. 40 m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.
03 23 45	03 16 35		02 14 20	03 35 15	02 13 10	03 14 10			09 06 40	09 07 20	09 04 35
06 26 45	06 09 35		05 17 35	06 35 15	05 17 30	06 14 20		15 20 30	15 05 50	15 12 05	15 04 20
09 24 25	09 31 40		08 19 45	09 35 20	10 21 30	09 16 40	10 19 25	21 24 20	21 05 15	21 26 10	21 35 25
12 23 25	12 22 30		10 20 35	15 34 30	15 22 30	15 19 30	15 21 20	27 27 25	27 33 05	27 31 10	34 36 20
18 27 55	15 33 40		15 20 50		20 21 25	21 20 45	20 20 30		33 27 15	30 27 15	30 34 15
	18 31 30		20 41 75		35 20 40	30 24 55	25 25 40		39 27 10	39 26 20	39 24 15
	21 21 40		21 23 55		42 25 75	30 25 60			51 25 10		
	24 20 55					33 26 60			63 21 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 11th	Diff from normal	WET BULB TEMP °C on 11th	Diff from normal
Alexandria	64	-1	12.9	+1.4
Ezbekiya	66	+3	11.4	+0.9
Giza	71	+3	11.4	+1.1
Helwân	34	-18	10.3	+0.9

GÎZA — GRASS MINIMUM TEMP. ON 12th 3.5° C

CAIRO — WATER TEMP AT 8h. RIVER NILE ON 12th °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	12 - 2	1373	984
	11 - 2	1331	1042

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl	6	10.32	-0.25	10.34	-0.24
J. Aulia Res.	4				
J. Aulia D.S	4				
Roseires	7	12.25	+0.54	12.28	+0.56
Sennar Res.	4			20.52	—
Khartûm	1	10.33	-0.12	10.37	-0.09
Kh. el Girba	12				
'Atbara				10.39	+0.06
Kajnarti				132.69	-0.39
Aswân Res.		119.93	—	120.00	—
Aswân D.S		85.74	-0.49	85.84	-0.42
Roda (Cairo)		16.51	+0.95	16.61	+0.96

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

At 8h. on TUESDAY 12th — الساعة ٨ يوم الثلاثاء ١٢

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESSURE M.S.L. 1000+ mbs.	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C	TEMPERATURE MAXIMUM Yester day °C	TEMPERATURE MAXIMUM Diff. from norm °C	TEMPERATURE MINIMUM Today °C	TEMPERATURE MINIMUM Diff. from norm °C	% HUMIDITY	RAINFALL Past 24 hrs	RAINFALL Total From Oct. 1	RAINFALL Norm From Oct 1
	WW	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU	mms	mms	mms
MEDITERRANEAN SALÛM												—		—				71
MATRÛH	00	9	22	2	0	0	—	11.2	-5.5	13.2	22	+4	9	0	66	0	65	128
MARIUT	05	6	12	3	0	0	—	12		12	21	—	9	—	76	0	140	121
ALEXANDRIA	00	7	14	2	0	0	—	11.4	-6.3	13.0	20	+1	11	0	66	0	117	156
DAMIETTA	00	7	20	3	1	0	—	12.0	-4.7	15.8	20	—	12	—	62	0	41	79
PORT SA'ÎD	00	7	12	2	0	0	—	12.6	-4.0	17.1	21	+2	14	+3	59	0	36	55
EL 'ARÎSH																	51	60
LOWER EGYPT DAMANHÛR	00	6	04	3	0	0	—	11.4	-5.4	14.0	22	+2	9	+1	79	0	43	70
MANSÛRA	00	8	04	1	1	0	—	13.2	-4.6	14.0	23	+3	9	+2	82	0	15	35
ṬANṬA	00	8	00	0	0	0	—	11.9	-5.3	14.7	23	+2	9	+2	74	0	42	27
ZAGAZIG	00	6	06	2	0	0	—	12.0	-5.6	14.9	23	+3	—	—	65	0	6	16
SHEBÎN EL KÔM	00	8	10	2	0	0	—	11.4	-6.2	14.6	23	—	7	—	72	0	12	—
MIDDLE EGYPT CAIRO ALMAZA	00	7	20	1	0	1	1	11.5	-6.1	17.8	25	—	13	—	20	0	2	—
CAIRO EZBEKÎYA	05	4	00	0	4	2	4	11.6	-6.0	12.2	25	+4	9	+1	63	0	2	16
CAIRO GÎZA	05	5	00	0	0	1	8	12.0	-5.6	12.0	25	+5	6	0	74	0	13	17
ḤELWÂN	00	7	00	0	0	1	4	12.2	-6.0	16.9	24	+4	15	+6	28	0	2	17
SUEZ	00	9	20	1	0	0	—	13.9	-3.3	18.9	22	+1	10	0	53	0	—	11
UPPER EGYPT FAIYÛM	08	4	00	0	1	4	6	12.0	-5.7	10.0	22	0	8	+1	72	0	8	5
MINYA	02	8	14	1	2	5	4	12.2	-6.0	12.8	25	+4	8	+1	73	0	do.	—
ASYÛT	01	6	26	1	1	5	2	13.0	-6.1	13.1	28	+6	10	+3	65	0	0	4
NAG' ḤAMÂDI	00	8	00	0	0	0	—	13.1	-4.6	15.5	29	—	9	—	53	0	0	—
QENA	02	6	12	1	0	5	3	13.1	-4.2	14.6	28	+3	8	0	45	0	0	—
LUXOR	00	7	28	2	0	—	—	14.0	-3.6	16.2	30	+4	10	+4	40	0	0	—
ASWÂN	01	9	30	1	1	4	4	12.4	-5.6	18.0	32	+7	12	+1	37	0	0	—
WESTERN DESERT SÎWA	00	7	28	1	0	0	—	13.8	-5.6	12.3	26	+5	8	+3	86	0	1	6
BAHARÎYA	00	9	00	0	0	0	—	12.8	-5.6	11.0	25	+3	7	+1	75	0	0	6
KHÂRGA	02	9	24	1	2	6	5	—	—	13.8	28	+4	12	+5	45	0	0	—
DÂKHLA	00	7	32	1	0	0	—	15.8	-3.2	15.6	28	+4	10	+4	45	0	0	—
RED SEA ṬÛR	00	7	04	3	0	0	—	14.6	-2.1	13.7	25	+4	9	0	25	0	0	18
HURGHÂDA	01	8	26	1	1	4	8	—	—	16.5	23	+1	13	+3	56	0	0	3
QUSEIR	00	8	28	1	0	0	—	13.5	-2.5	19.8	25	+2	16	+2	46	0	11	4
PORT SÛDÂN	01	8	30	2	1	3	6	14		25					79	0	17	92
NORTH SÛDÂN WÂDI ḤALFA	01	8	00	0	1	4	4	12		18					37	0	4	—
KAREIMA	00	8	04	2	0	0	—	10		22					78	0	7	1
ATBARA	01	8	32	2	1	4	4	11		21					65	0	2	2
KHARṬÛM	00	7	32	3	0	0	—	8		23					38	0	3	4
KASSALA	00	8	00	0	0	0	—	8		25					61	0	31	8
CENTRAL SÛDÂN WAD MEDANI	00	8	06	4	0	0	—	7		24					54	0	13	12
RENK	00	9	28	3	0	0	—	6?		26	—	—	—	—	70	—	—	49
ROSEIRES	00	8	04	1	0	0	—	9?		21					57	0	80	36
EL OBEID	00	9	00	0	0	0	—	9		23					34	0	44	16
EL FÂSHER	00	9	32	2	0	0	—	—	—	17					28	0	2	6
GENEINA	00	7	00	0	0	0	—	—	—	17	—	—	—	—	42	—	—	4
KADUGLI											—		—			—	—	89
S. SÛDÂN MALAKÂL	01	8	16	1	1	3	4	7		24					44	0	170	88
WÂU	05	6	00	0	0	6	4,5	6		24					54	0	113	146
JUBA	00	8	00	0	0	1	8	8		28					45	0	188	151

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
6 h 45 m.	h. m.	6 h 45 m.	h m	h. m.	7 h. m.
09 07 15		09 05 40			09 01 35
15 04 30		15 03 30			15 03 25
21 03 15		21 11 10			21 05 30
27 07 15		27 13 10			27 04 20
33 08 40		36 13 05			33 05 15
39 02 20		39 15 20			51 09 10
		51 13 30			

CYPRUS SYNOPTIC 8h. ON 12th

34713 02873 30227 14110 90104 00060
34907 02896 30126 13121 00405 00100

UPPER AIR TEMP. ALMÂZA AT 05 GMT ON 12th

HEIGHT FEET	P.P.P m.b.	T T °F	T T °C
Surface	1002	56	47
500	984	67	49
1000	966	69	50
1500	949	70	50
2000	932	68	49
4000	865	59	42
6000	803	50	37
8000	744	50	31
10000	689	32	28
12000	637	20	20
14000	589	18	14
16000	543	12	10

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

VISIB.LITY (V)

Objects not visible at 50 metres	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

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 06 h. 37 m.
Sunset 17 h. 41 m.

Month *February* 1946

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1946 شهر فبراير

1417 F.G.

At 14h. on 12th (الساعة ١٤ يوم ١٢) and At 20h. on 12th (الساعة ٢٠ يوم ١٢)

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	28	3	0	0	—	10.6	16.5	72	0	00	—	00	0	0	3	8	11.9	12.2	79	0	131
	MARIUT	05	6	25	3	0	0	—	11	21	41	0	05	6	07	1	0	3	4,5	11	16	77	0	150
	ALEXANDRIA	00	9	22	4	0	0	—	10.3	19.2	51	0	01	6	30	2	2	4	4	12.2	15.8	81	0	132
	DAMIETTA	00	7	16	2	0	0	—	9.4	25.9	43	0	02	7	28	2	2	6	6	10.8	17.2	73	0	159
	PORT SAÏD	00	7	04	2	0	0	—	9.8	23.2	56	0	03	7	30	2	2	8	6	11.0	17.5	78	0	134
	EL ʿARÎSH												02	7	00	0	1	7	4	—	13.7	62	0	135
Lower Egypt	DAMANHÛR	00	6	24	4	0	0	—	9.9	24.3	39	0	02	6	20	3	1	5	4	11.4	14.2	74	0	136
	MANSÛRA	00	8	30	2	0	0	—	10.0	27.0	30	0	01	6	32	1	1	4	8	12.8	17.7	62	0	137
	TANTA	00	8	24	2	0	0	—	9.6	26.8	32	0	00	8	00	0	0	0	—	11.9	17.3	68	0	138
	ZAGAZIG	00	6	20	3	0	0	—	9.0	27.8	31	0	00	6	22	2	0	0	—	11.6	17.2	53	0	139
	SHEBÎN EL KÔM	00	9	22	3	0	0	—	9.6	29.6	26	0	03	8	22	2	2	8	8	—	16.9	65	0	—
Middle Egypt	CAIRO ALMÂZA	01	7	20	4	1	4	4	9.3	27.8	13	0	05	6	30	2	2	8	4,5	11	22	31	0	141
	CAIRO EZBEKÎYA	01	8	18	3	1	5	8	9.9	27.9	22	0	02	6	02	3	1	6	6	11.8	20.9	50	0	—
	CAIRO GÎZA	02	8	18	3	1	5	8	9.8	28.6	19	0	02	7	02	3	1	5	8	12.2	19.8	50	0	—
	HELWÂN	01	7	18	2	1	3	4	10.3	25.9	19	0	02	6	00	0	2	8	4	11.9	21.4	32	0	143
	SUEZ	01	9	18	1	1	3	1	11.4	27.1	21	0	00	8	00	0	0	0	—	11.2	19.4	68	0	144
Upper Egypt	FAIYÛM	02	8	24	2	2	5	4	10.3	25.0	25	0	05	5	00	0	2	5	4	11.1	19.7	50	0	153
	MINYA	03	8	16	1	2	8	2	10.0	26.4	27	0	03	8	18	1	2	8	5	11.5	19.8	48	0	154
	ASYÛT	02	6	12	2	2	8	5	11.2	24.0	42	0	03	6	00	0	2	8	6	12.3	19.1	71	0	155
	NAGʿ HAMÂDI	03	8	00	0	2	8	5	11.2	23.8	48	0	03	8	00	0	2	8	5	12.8	19.8	68	0	164
	QENA	02	6	08	1	2	8	5	11.1	26.4	59	0	02	6	12	1	2	8	5	12.6	19.2	66	0	156
	LUXOR	03	7	04	2	2	8	3	11.6	25.0	47	0	00	6	28	3	0	0	—	12.8	16.7	60	0	157
	ASWÂN	02	9	28	1	1	5	9	10.3	27.6	38	0												158
Western Desert	SIWA	00	7	28	1	0	0	—	14.6	19.0	63	0	00	—	20	1	0	0	—	15.0	13.0	66	0	148
	BAHARÎYA												00	—	32	1	0	0	—	13.1	10.0	74	0	149
	KHÂRGA	03	—	08	1	2	8	7	12.4	22.7	46	0	20	9	10	1	6	8	6	13.9	18.8	56	tr.	151
	DAKHLA	00	8	28	2	0	0	—	12.7	23.5	28	0	00	6	32	2	0	0	—	13.9	18.7	40	0	152
Red Sea	TÔR	00	7	14	3	0	0	—	—	23.9	67	0	01	7	14	3	0	3	5	12.3	22.2	66	0	145
	HURGHADA	03	6	12	2	2	8	0	—	23.0	38	0	03	6	12	4	2	8	0	—	18.5	58	0	146
	QUSEIR	02	8	32	2	2	7	5	12.6	23.4	64	0	03	8	12	4	1	8	8	11.8	22.2	74	0	147
	PORT SUDÂN	00	8	04	2	1	3	8	11	27	79	0												408
North Sûdân	WÂDI HALFA	01	8	02	3	1	4	4,5	9	31	18	0												165
	KAREIMA	00	8	04	2	0	0	—	6	36	19	0												166
	ATBARA	00	8	04	2	1	0	—	4	36	22	0												167
	KHARTÛM	00	8	32	4	0	0	—	3	39	13	0												408
	KASSALA	00	8	02	4	0	0	—	1	38	21	0												170
Central Sûdân	WAD MEDANI	00	8	06	4	0	0	—	1	41	08	0												171
	RENK																							182
	ROSEIRES	00	8	04	2	0	0	—	2	41	18	0												172
	EL OBEID	00	8	06	3	0	0	—	3	37	10	0												174
	EL FÂSHER	00	9	12	3	0	2	1	—	36	10	0												175
	GENEINA																							179
	KADUGLI																							187
S. Sûdân	MALAKÂL																							176
	WAU	01	7	16	2	2	4	0	3	36	31	0												177
	JUBA	01	8	14	1	0	3	8	2	39	23	0												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 12 h. 30 m.	MARIUT h. m.	PORT SAÏD h. m.	ALMÂZA h. m.	MINYA 12 h. 45 m.	LUXOR 13 h. m.	[crossed out] 13 h. m.	WÂDI HALFA 13 h. 15 m.	KAREIMA 12 h. 45 m.	KHARTÛM 13 h. 15 m.	KASSALA 12 h. 45 m.	EL OBEID 12 h. m.	MALAKAL h. m.	JUBA 13 h. 30 m.
03 30 20				03 21 05	03 31 10	09 06 20	09 12 05	09 07 15	09 03 30	09 01 20	09 05 20		09 22 10
06 26 20				06 22 20	06 21 15	15 05 20	15 17 10	15 02 10	15 03 20	15 03 35	15 04 20		15 22 10
09 27 20				09 26 05	09 32 10	21 03 20	21 21 10	21 01 10	21 05 15	21 09 15	21 01 20		21 20 05
15 23 55				15 21 20	15 35 10	27 01 15	27 22 15	24 01 10	24 05 15	27 05 30	27 03 15		27 19 10
24 23 60				21 22 35	21 36 15		33 23 35	33 02 10	30 05 20	33 06 15	33 02 10		
30 23 60				24 22 35	33 01 20		39 22 50		39 07 20		39 02 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
	13th	1273	984
	12th	1273	984

STATION	Mean of day: Humidity % on 12th	Humidity Diff from normal	Wet Bulb Temp °C on 12th	Wet Bulb Diff from normal
Alexandria	69	+4	12.6	+1.1
Ezbekiya	50	-12	13.3	+2.7
Gîza	57	-11	13.2	+2.8
Helwân	25	-27	12.1	+2.7

GÎZA — GRASS MINIMUM TEMP. ON 13th 7.2° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 13th 16.0° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12 (vertical, through Kajnarti)				
Nâsser				5.51	+ 0.18
Malakâl		10.30	- 0.25	10.32	- 0.25
J. Aulia Res.				377.24	—
J. Aulia D.S				371.33	- 0.07
Roseires		12.24	+ 0.53	12.25	+ 0.54
Sennar Res.				30.50	—
Khartûm				10.33	- 0.12
Kh. el Girba					
Atbara				10.37	+ 0.05
Kajnarti		132.72	- 0.30	132.71	- 0.34
Aswân Res.	13	119.85	—	119.93	—
Aswân D.S		85.74	- 0.46	85.74	- 0.49
Roda (Cairo)		16.42	+ 0.85	16.61	+ 0.95

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

At 8h. on Wednesday 13th (الساعة ٨ يوم الأربعاء ١٣)

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)	Bar 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												—		—				72
	MATRÛH	02	9	20	4	1	7	9	7.1	-9.6	11.0	17	-1	4	-5	90	0	65	129
	MARIUT	02	7	21	4	2	5	6,8	11		14	25	—	13	—	48	0	140	122
	ALEXANDRIA	02	8	24	5	2	5	6	11.4	-6.2	13.4	21	+2	12	+1	44	0	117	157
	DAMIETTA	01	7	20	3	1	5	4,5	11.5	-5.1	13.0	28	—	12	—	77	0	41	79
	PORT SAÏD	02	8	26	3	2	6	6	11.1	-5.5	14.9	26	+7	14	+3	69	0	35	55
	EL ʿARÎSH	02	7	20	5	1	6	7	15.1	-2.3	12.2	25	+8	10	+2	78	0	51	61
Lower Egypt	DAMANHÛR	01	6	24	4	1	4	8	11.5	-5.2	12.8	27	+7	10	+2	57	0	43	71
	MANSÛRA	01	8	28	1	1	4	0	11.9	-4.9	12.2	28	+8	10	+3	72	0	15	35
	TANTA	01	8	20	1	1	4	8	12.6	-4.6	12.0	27	+6	9	+2	82	0	42	28
	ZAGAZIG	01	6	24	2	1	3	8	13.2	-4.3	11.8	29	+9	11	+4	68	0	6	18
	SHEBÎN EL KÔM	01	9	22	3	1	4	8	12.0	-5.6	13.0	31	—	10	—	68	0	12	—
Middle Egypt	CAIRO ALMAZA	01	7	26	3	1	4	1	13.6	-4.0	14.1	28	—	13	—	37	0	2	—
	CAIRO EZBEKÎYA	01	6	20	1	1	4	4	13.9	-3.7	14.1	30	+9	12	+4	44	dr.	2	16
	CAIRO GÎZA	01	6	22	2	1	4	4	14.0	-3.5	13.8	29	+9	10	+4	53	0	13	17
	HELWÂN	01	8	00	0	1	4	4	13.8	-4.4	13.0	27	+7	12	+3	42	0	2	17
	SUEZ	02	8	00	0	2	6	5	13.2	-3.9	16.9	24	+3	14	+4	65	0	—	11
Upper Egypt	FAIYÛM	01	7	26	2	2	5	6	14.7	-2.9	13.5	26	+4	12	+5	46	dr.	8	5
	MINYA	00	8	24	1	1	2	2	16.0	-2.2	16.3	26	+5	12	+5	50	0	dr.	—
	ASYÛT	03	7	28	2	2	8	6	16.6	-2.4	14.0	25	+3	13	+6	57	0	0	4
	NAGʿ HAMÂDI	62	5	32	1	6	8	5	16.8	-0.8	14.5	25	—	14	—	82	tr.	1	—
	QENA	50	6	22	2	6	8	9	16.2	-1.0	15.6	23	-2	11	+3	89	10	10	—
	LUXOR	03	7	28	1	2	8	3	15.2	-2.3	17.2	30	[illegible]	10	[illegible]	50	0	0	—
	ASWÂN	02	9	08	1	1	5	4	14.0	-3.9	21.0	29	+4	16	+5	49	0	0	—
Western Desert	SÎWA	00	6	20	6	0	0	—	14.7	-4.6	12.0	20	-1	9	+4	89	0	1	6
	BAHARÎYA	00	9	32	2	0	0	—	17.8	-0.5	9.0	21	-1	5	-1	80	0	0	6
	KHÂRGA	20	9	00	0	6	8	7	18.2	+0.1	13.5	23	-1	13	+6	99	tr.	1	—
	DÂKHLA	00	7	24	3	0	0	—	19.8	+0.9	13.7	25	+1	10	+4	54	0	0	—
Red Sea	TÔR	01	7	10	5	0	0	—	14.3	-2.5	20.2	25	+4	12	+2	59	0	0	10
	HURGHÂDA	03	6	02	1	6	8	0	15.0	-1.3	21.0	23	+1	13	+3	49	tr.	1	3
	QUSEIR	03	8	24	1	2	8	6	13.0	-3.0	21.8	24	+1	16	+2	67	dr.	11	4
	PORT SÛDÂN	01	8	28	1	0	4	6	12		25					79	0	17	92
North Sûdân	WÂDI HALFA	01	8	02	3	1	5	4	13		21					38	0	tr.	—
	KAREIMA	00	8	02	3	0	0	—	9		23					44	0	7	1
	ATBARA	00	8	32	2	0	0	—	8		23					65	0	2	2
	KHARTÛM	01	8	30	3	0	3	4	7		24					38	0	3	4
	KASSALA	01	8	28	1	1	4	4	5		26					51	0	31	8
Central Sûdân	WAD MEDANI	05	5	02	3	1	3	3	6		25					42	0	13	12
	RENK	01	9	28	3	1	5	4	—		26		—		—	30	—	—	49
	ROSEIRES	01	7	12	1	0	4	2	5		28					—	0	80	36
	EL OBEID	01	8	32	2	0	4	1	7		25					26	0	44	16
	EL FÂSHER	02	8	02	2	1	7	2	—	—	17					39	0	2	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI	02	7	20	2	1	6	4	9		22		—		—	—		—	89
S. Sûdân	MALAKÂL	05	7	14	3	1	5	4,5	7		30					33	0	170	88
	WÂU	00	7	20	1	0	0	—	6		26					58	0	113	147
	JUBA	00	8	16	1	0	1	8	8		28					52	0	188	151

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 7 h. m.	MARIUT 7 h. 30 m.	CAIRO (PORT SAÏD crossed out) 9 h. 45 m.	HELWÂN 8 h. 30 m.	MINYA 7 h. 30 m.	ASYÛT 7 h. m.	LUXOR 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. 30 m.	KAREIMA 7 h. 15 m.	KHARTÛM 8 h. 15 m.
03 22 50	03 23 20	02 24 30	02 23 10	03 30 25	02 28 20	03 30 20	02 03 05	09 01 45	09 02 50	09 04 50	09 05 35
06 25 —	06 23 20	05 24 40	05 27 30	06 30 40	05 31 30	06 27 20	05 36 15	15 01 40	15 03 40	15 03 20	15 36 15
	09 23 25	10 25 55	08 27 45	09 28 40	10 35 50	09 25 25	10 29 35	21 02 35	21 02 30	21 22 05	21 35 15
	Ent. Cu.	15 24 60	10 25 45	15 29 25	15 35 50	15 27 55	15 28 45	27 11 15	27 11 10	24 24 10	24 35 10
			15 23 45		20 35 45	24 24 55	20 27 50	33 12 50	30 04 20	27 22 15	30 36 05
			20 23 95		Ent. Cu.			39 21 60		30 23 15	39 36 10
			23 23 65							39 23 30	
			25 21 65								

KASSALA 7 h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL 7 h. m.
09 10 35		09 03 40	09 30 20		09 35 20
15 12 40		15 03 20	15 30 20		15 34 10
21 11 50		21 00 05			21 03 10
27 03 40		27 25 15			27 02 05
33 33 10		33 26 15			
39 35 15		39 25 30			

UPPER AIR TEMP. ALMÂZA, AT 24 h. G.M.T. ON 12th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1003	59	54
500	984	59	53
1000	966	60	52
1500	949	60	51
2000	932	58	49
4000	865	50	42
6000	803	45	39
8000	744	38	31
10000	689	30	29
12000	637	23	23
14000	590	15	15
16000	543	7	7

CYPRUS SYNOPTIC 8h. ON 13th

34760 03758 28358 08120 90304 91071
34952 03850 24128 08120 90305 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	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

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

VISIBILITY (V) Objects not visible at	
50 metres	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 6h 56 m.
Sunset 17 42

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

1417 P.C.

At 14h. on WEDNESDAY 13th — الساعة ١٤ 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 Press M.S.L. 1000+ mbs. PPP	°C TTT	% Humidity UU	Rain 8-14 mms
MEDITERRANEAN SALÛM											
MATRÛH	02	9	26	5	5	5	9	10.3	15.0	83	tr
MARIUT	32	3	21	7	3	9	—	8	16	59	0
ALEXANDRIA	00	5	22	8	5	0	—	8.3	16.2	71	tr
DAMIETTA	02	8	20	4	2	7	6	9.8	16.8	49	0
PORT SA'ÎD	01	7	18	4	1	4	6	10.2	18.1	28	0
EL 'ARÎSH											
LOWER EGYPT DAMANHÛR	33	1	24	7	2	9	—	9.5	17.0	57	0
MANSÛRA	03	6	20	4	2	8	9	9.6	18.0	45	0
TANTA	12	6	24	7	2	9	9	10.2	17.0	57	0
ZAGAZIG	18	6	20	6	3	3	9	9.1	19.1	46	0
SHEBÎN EL KÔM	33	5	32	8	3	0	—	10.7	18.6	46	0
MIDDLE EGYPT CAIRO ALMÂZA	32	3	22	6	3	8	0	11.3	18.6	32	0
EZBEKÎYA	32	5	20	6	3	8	6	11.9	18.8	29	0
GÎZA	30	4	22	3	3	0	—	12.0	18.1	44	0
HELWÂN	05	6	18	6	1	8	8	12.2	18.6	32	0
SUEZ	01	9	18	2	1	5	4	11.9	21.0	47	0
UPPER EGYPT FAIYÛM	18	4	22	5	3	6	5	12.8	20.4	39	0
MINYA	00	9	28	2	0	9	—	14.7	21.7	26	0
ASYÛT	00	7	26	2	2	0	—	15.6	19.1	23	0
NAG' HAMÂDI	03	6	00	0	2	2	5	16.4	16.2	55	tr
QENA	50	6	22	2	6	8	8	16.2	15.8	77	3
LUXOR	03	7	26	2	2	8	3	16.4	16.5	59	0
ASWÂN	02	9	02	4	1	5	4	13.6	23.8	33	0
WESTERN DESERT SÎWA	00	5	28	6	0	0	—	17.0	18.6	66	0
BAHARÎYA	00	9	32	2	0	0	—	17.5	18.2	43	0
KHÂRGA	01	9	32	3	1	4	5	17.4	18.6	47	0
DAKHLA	00	7	28	5	0	0	—	16.4	19.8	45	0
RED SEA TÛR	01	7	28	4	0	3	5	13.5	20.2	40	0
HURGHADA	03	6	28	4	5	8	0	15.0	23.0	46	tr
QUSEIR	03	8	24	3	2	8	6	—	23.7	49	0
PORT SUDÂN	00	8	12	3	1	3	8	9	28	70	0
NORTH SUDAN WADI HALFA	18	6	32	5	1	0	—	13	25	30	0
KAREIMA	18	5	04	5	0	0	—	7	33	23	0
'ATBARA	00	7	28	4	0	0	—	4	34	29	0
KHARTÛM	01	8	03	3	0	3	1	4	36	22	0
KASSALA	02	7	18	2	0	5	4	1	41	16	0
CENTRAL SUDAN WAD MEDANI	00	8	32	3	4	3	1	—	40	11	0
RENK	01	8	28	2	1	4	1	2	40	17	—
ROSEIRES	01	7	20	1	1	4	2	3	39	17	0
EL OBEID	01	7	00	0	1	5	2	—	38	18	0
EL FÂSHER	02	8	04	2	1	7	2	—	34	14	0
GENEINA											
KADUGLI	01	8	20	2	1	4	2	3	39	13	—
SOUTH SUDAN MALAKÂL	05	7	16	1	1	3	4	3	38	19	0
WÂU	00	7	12	2	0	0	—	1	38	21	0
JUBA	00	8	02	1	0	2	8	2	39	20	0

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	Station Number
MEDITERRANEAN SALÛM												130
MATRÛH	00	—	24	1	2	0	—	13.2	12.0	84	0	131
MARIUT	05	6	24	4	2	8	8	13	16	59	tr	150
ALEXANDRIA	02	6	26	5	2	5	2	13.2	15.6	73	0	132
DAMIETTA	01	7	20	3	6	3	9	11.5	13.2	89	2	159
PORT SA'ÎD	00	8	24	4	5	2	8	11.6	14.7	69	tr	134
EL 'ARÎSH												135
LOWER EGYPT DAMANHÛR	00	6	24	2	5	0	—	13.9	12.2	78	tr	136
MANSÛRA	00	6	20	2	1	0	—	13.0	13.0	80	0	137
TANTA	00	8	24	2	2	0	—	14.2	13.0	82	0	138
ZAGAZIG	00	6	28	1	0	0	—	13.1	13.2	78	0	139
SHEBÎN EL KÔM	00	8	22	3	3	2	8	12.3	13.8	66	0	—
MIDDLE EGYPT CAIRO ALMÂZA	00	7	18	4	0	1	4.5	12.0	—	11.6	20	—
EZBEKÎYA	05	6	14	3	0	2	4	12.2	0.3	11.4	20	−1
GÎZA	00	5	18	2	0	0	—	12.6	13.9	61	0	—
HELWÂN	00	6	14	2	0	2	4	12.9	0.2	10.0	19	−1
SUEZ	00	9	18	1	0	0	—	17.5	+0.5	138	23	+2
UPPER EGYPT FAIYÛM	01	7	30	2	1	3	6	12.9	+0.4	8.9	20	−2
MINYA	00	9	16	2	0	0	—	12.2	+0.2	11.3	22	+1
ASYÛT	00	6	00	0	0	0	—	12.9	+1.0	12.0	20	−2
NAG' HAMÂDI	00	8	02	1	0	0	—	12.9	+2.3	12.1	19	—
QENA	04	7	28	1	1	0	—	13.8	+2.7	11.3	21	−4
LUXOR	00	7	28	2	0	0	—	13.5	+2.1	11.2	18	−3
ASWÂN	00	9	32	2	0	0	—	13.0	+1.1	12.8	24	−1
WESTERN DESERT SÎWA	00	7	00	0	0	0	—	17.4	−1.8	10.0	20	−1
BAHARÎYA	00	9	00	0	0	0	—	20.4	+2.1	11.0	20	−2
KHÂRGA	00	9	08	1	0	0	—	—	—	10.0	19	+5
DÂKHLA	00	7	28	1	0	0	—	20.8	+1.9	10.3	20	−4
RED SEA TÛR	00	7	04	3	0	0	—	17.9	+1.2	14.1	25	+4
HURGHÂDA	00	9	26	2	0	0	—	17.6	+1.4	15.0	23	+1
QUSEIR	00	8	24	4	1	0	—	16.4	+0.5	16.6	24	+1
PORT SUDÂN	02	8	32	2	1	7	0	13		25		
NORTH SUDAN WADI HALFA	18	6	32	4	1	5	4.5	17		16		
KAREIMA	01	8	02	4	1	3	4	13		18		
'ATBARA	00	7	02	4	0	3	4	10		23		
KHARTÛM	00	7	30	3	0	0	—	10		23		
KASSALA	01	7	02	1	1	4	4	8		25		
CENTRAL SUDAN WAD MEDANI	05	5	32	4	0	0	—	8		25		
RENK	00	9	28	3	0	0	—	7		24		
ROSEIRES	01	7	20	1	1	4	1	—		24		
EL OBEID	05	5	32	4	0	3	4	10		23		
EL FÂSHER	05	5	02	1	0	0	—	—	—	18		
GENEINA	05	6	04	4	0	0	—	—	—	17		
KADUGLI	12	5	04	4	1	5	4	8		28		
SOUTH SUDAN MALAKÂL	00	7	02	4	0	3	4	6		29		
WÂU	00	8	04	2	0	0	—	6		27		
JUBA	05	7	12	2	1	4	4	8		28		

Upper Winds are in the Code HHDDVV where HH is Height 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 — الساعة ١٣

MATRÛH	MARIUT	PORT SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	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 15				13			13 h 30 m.		13	12 h 30 m.	12 h 30 m.	13 h. m.	13 h 45 m.
03 28 45				03 28 15			09 25 50		09 25 05	09 12 15	09 07 05	09 18 10	09 22 05
06 29 50				06 26 30					15 26 20	15 19 10	15 07 10	15 19 15	15 16 10
				09 25 25					21 32 10	21 20 20	21 30 05	27 04 05	21 15 15
				12 26 30					24 32 10	27 22 25	27 30 25	33 03 15	27 15 05
				15 27 50					30 30 10	33 01 05	33 30 15		33 09 05
				18 26 60						39 22 15	39 24 10		39 14 10
				21 26 60									

Remarks

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

Station	Mean of day Humidity %	Diff from normal	Wet Bulb Temp °C	Diff from normal
	13th		13th	
Alexandria	54	−11	17.0	+5.5
Ezbekiya	46	−16	10.9	+0.3
Giza	52	−15	10.6	+0.2
Helwân	46	−12	9.7	+0.3

GIZA — GRASS MINIMUM TEMP ON 14th: 5.7 °C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON 14th: 15.8 °C

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	14th	1273	984
	13th	1273	984

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	14th	12.65	−0.66	12.65	−0.67
Nâsser		5.48	+0.18	5.50	+0.18
Malakâl		10.28	−0.25	10.30	−0.25
J. Aulia Res.				377.24	—
J. Aulia D.S				377.28	−0.10
Roseires		12.22	+0.53	12.34	+0.53
Sennar Res.		20.46	—	20.48	—
Khartûm		10.26	−0.17	10.28	−0.16
Kh. el Girba					
'Atbara		10.33	+0.02	10.35	+0.03
Kajnarti		132.71	−0.28	132.72	−0.30
Aswân Res.		119.78	—	119.75	—
Aswân D.S		85.744	−0.43	85.74	−0.46
Roda (Cairo)		16.42	+0.83	16.42	+0.85

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

At 8h. on THURSDAY 14th — الساعة ٨ يوم الخميس 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	Bar Pressure Diff. from normal mbs.	Temperature 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	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct. 1 mms
MEDITERRANEAN SALÛM																		73
MATRÛH	00	9	22	4	0	3	8	13.4	−3.3	14.0	16	−2	6	−3	79	tr	65	150
MARIUT	00	7	20	3	0	0	—	14		12	17	—	9	—	63	tr	140	122
ALEXANDRIA	00	9	22	3	0	0	—	13.5	−4.1	13.4	17	−2	—	—	69	tr	117	158
DAMIETTA	00	8	18	2	1	0	—	15.2	−1.6	10.0	18	—	8	—	82	2	43	80
PORT SA'ÎD	00	7	18	4	0	0	—	15.4	−1.1	13.2	18	−1	11	0	64	tr	35	56
EL 'ARÎSH																		61
LOWER EGYPT DAMANHÛR	00	6	24	4	0	0	—	16.8	−1.9	9.3	17	−3	7	−1	75	tr	43	72
MANSÛRA	01	8	16	2	1	4	0	15.6	−1.1	8.4	19	−1	6	−2	78	0	18	35
TANTA	00	8	20	1	0	0	—	15.4	−1.7	11.8	19	−2	6	−1	78	0	43	38
ZAGAZIG	01	6	18	2	1	4	8	17.2	−0.3	10.4	20	0	8	+1	76	0	6	18
SHEBÎN EL KÔM	00	8	22	3	0	0	—	—	—	9.6	19	—	7	—	70	0	12	—
MIDDLE EGYPT CAIRO ALMÂZA	00	7	18	4	0	1	4.5	18.0	—	11.6	20	—	9	—	52	0	2	—
EZBEKÎYA	05	6	14	3	0	2	4	17.2	−0.3	11.4	20	−1	9	+1	60	0	2	16
GÎZA	00	5	18	2	0	0	—	17.4	−0.1	11.0	21	0	8	+2	62	0	13	17
HELWÂN	00	6	14	2	0	2	4	17.9	−0.2	10.0	19	−1	8	−1	56	0	2	17
SUEZ	00	9	18	1	0	0	—	17.5	+0.5	13.8	23	+2	10	0	53	0	—	11
UPPER EGYPT FAIYÛM	01	7	30	2	1	3	6	17.9	+0.4	8.9	20	−2	7	0	66	0	8	5
MINYA	00	9	16	2	0	0	—	18.2	+0.2	11.3	22	+1	9	+2	70	0	tr	—
ASYÛT	00	6	00	0	0	0	—	19.9	+1.0	12.0	20	−2	7	0	64	0	0	4
NAG' HAMÂDI	00	8	02	1	0	0	—	19.9	+2.3	12.1	19	—	5	—	76	tr	1	—
QENA	04	7	28	1	1	0	—	19.8	+2.7	11.3	21	−4	4	−4	77	3	13	—
LUXOR	00	7	28	2	0	0	—	19.5	+2.1	11.2	18	−3	4	−3	61	0	0	—
ASWÂN	00	9	32	2	0	0	—	19.0	+1.1	12.8	24	−1	10	−1	45	tr	0	—
WESTERN DESERT SÎWA	00	7	00	0	0	0	—	17.4	−1.8	10.0	20	−1	7	+2	66	0	1	6
BAHARÎYA	00	9	00	0	0	0	—	20.4	+2.1	11.0	20	−2	8	0	75	0	0	6
KHÂRGA	00	9	08	1	0	0	—	—	—	10.0	19	+5	6	−1	74	0	1	—
DÂKHLA	00	7	28	1	0	0	—	20.8	+1.9	10.3	20	−4	6	0	78	0	0	—
RED SEA TÛR	00	7	04	3	0	0	—	17.9	+1.2	14.1	25	+4	12	+2	55	0	0	10
HURGHÂDA	00	9	26	2	0	0	—	17.6	+1.4	15.0	23	+1	10	0	49	tr	1	3
QUSEIR	00	8	24	4	1	0	—	16.4	+0.5	16.6	24	+1	14	0	39	0	11	4
PORT SUDÂN	02	8	32	2	1	7	0	13		25					84	0	17	92
NORTH SUDAN WADI HALFA	18	6	32	4	1	5	4.5	17		16					36	0	tr	—
KAREIMA	01	8	02	4	1	3	4	13		18					46	0	7	1
'ATBARA	00	7	02	4	0	3	4	10		23					49	0	2	2
KHARTÛM	00	7	30	3	0	0	—	10		23					36	0	3	4
KASSALA	01	7	02	1	1	4	4	8		25					61	0	31	8
CENTRAL SUDAN WAD MEDANI	05	5	32	4	0	0	—	8		25					36	0	13	12
RENK	00	9	28	3	0	0	—	7		24	—	—	—	—	54	—	—	49
ROSEIRES	01	7	20	1	1	4	1	—		24					54	0	20	36
EL OBEID	05	5	32	4	0	3	4	10		23					27	0	44	16
EL FÂSHER	05	5	02	1	0	0	—	—	—	18					46	0	2	6
GENEINA	05	6	04	4	0	0	—	—	—	17	—	—	—	—	28	—	—	4
KADUGLI	12	5	04	4	1	5	4	8		28	—	—	—	—	29	—	—	89
SOUTH SUDAN MALAKÂL	00	7	02	4	0	3	4	6		29					33	0	170	88
WÂU	00	8	04	2	0	0	—	6		27					58	0	113	107
JUBA	05	7	12	2	1	4	4	8		28					52	0	188	152

Upper Winds are in the Code HHDDVV where HH is Height 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 الخميس

MATRÛH	MARIUT	PORT SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.
03 27 20		03 23 50				03 36 20		09 23 60	09 05 45	09 04 50	09 03 70
06 28 40		06 24 40				06 36 20		15 25 45	15 04 35	15 06 10	15 34 30
09 27 60		09 25 40				09 01 45		21 27 20	21 28 30	21 29 25	21 32 35
12 29 40		15 24 50				15 02 25		27 21 40	27 25 35	24 25 30	24 32 35
								33 26 70	33 23 60	27 26 40	27 30 20
								36 26 75		30 24 35	30 26 70
										39 25 45	36 19 30

UPPER WINDS ON 14th — الساعة ٢٠ يوم الأربعاء ١٣

KASSALA	PORT SUDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKÂL
7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
09 05 05		09 26 20	09 02 20	09 05 40	09 02 25
15 05 30		15 01 40	15 05 25	15 05 30	15 03 30
21 03 30		21 02 65		21 09 05	21 04 35
27 03 40				27 19 10	
33 36 25				33 21 05	
39 01 30				39 20 20	

UPPER AIR TEMP ALMÂZA AT GMT ON

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

CYPRUS SYNOPTIC 8h ON 14th

24760 32655 30265 10111 00404 06081
24982 61853 18106 10120 80307 00061

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 (VV)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
3 "	5
5 "	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 06 h. 55 m.
Sunset 17 h. 43 m.

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on THURSDAY 14th — الساعة ١٤ يوم الخميس 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 8-14 p. mms	STATION NUMBER
MEDITERRANEAN SALÛM												130
MATRÛH	05	6	24	5	3	5	8	11.8	18.8	39	0	131
MARIUT	05	6	22	5	2	4	4,5	14	18	46	0	150
ALEXANDRIA	02	8	22	4	2	5	4	13.2	17.4	56	0	132
DAMIETTA	02	8	20	3	1	5	9	13.5	17.9	46	0	159
PORT SA'ID	01	7	20	4	1	4	8	13.9	18.9	41	0	134
EL 'ARÎSH												135
LOWER EGYPT DAMANHÛR	01	5	26	6	1	5	8	13.2	19.8	46	0	136
MANSÛRA	02	8	16	3	2	5	8	13.4	19.4	45	0	137
TANTA	01	8	16	3	1	4	8	13.9	20.6	52	0	138
ZAGAZIG	02	6	20	3	1	5	8	13.8	19.6	49	0	139
SHEBÎN EL KÔM	02	7	22	6	1	5	8	12.0	20.8	37	0	
MIDDLE EGYPT CAIRO ALMAZA	01	7	22	5	1	5	8	14.3	19.8	33	0	141
CAIRO EZBEKÎYA	01	8	22	—	1	5	8	14.4	20.7	31	0	
CAIRO GÎZA	01	6	22	3	0	3	8	14.4	20.9	33	0	
HELWÂN	01	8	20	4	1	4	8	14.6	19.8	26	0	143
SUEZ	01	9	18	2	1	4	3	16.3	20.8	32	0	144
UPPER EGYPT FAIYÛM	01	8	22	4	1	4	8	15.1	21.0	34	0	153
MINYA	00	9	20	3	0	0	—	16.0	22.6	29	0	154
ASYÛT	00	8	22	1	0	0	—	17.4	20.0	25	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	16.0	19.5	42	0	164
QENA	00	8	24	2	0	0	—	15.6	20.4	51	0	156
LUXOR	00	7	30	2	0	0	—	17.1	21.0	41	0	157
ASWÂN	01	9	30	3	1	4	5	14.4	22.2	21	0	158
DESERT SÎWA	00	6	20	5	0	0	—	17.0	20.0	64	0	148
BAHARÎYA												149
KHÂRGA	00	9	32	1	0	0	—	16.6	19.2	45	0	151
DAKHLA	00	8	28	2	0	0	—	17.1	21.6	36	0	152
RED SEA TÛR	00	7	28	4	0	0	—	16.2	20.2	30	0	145
HURGHADA	00	9	02	2	0	0	—	17.0	21.5	39	0	146
QUSEIR	00	8	32	4	0	0	—	15.5	22.3	47	0	147
PORT SUDAN	01	8	02	3	1	4	8	11	28	70		
NORTH SUDAN WADI HALFA	00	7	02	4	1	3	4	13	23	23		165
KAREIMA	00	8	04	4	0	1	4	9	29	25		166
ATBARA	00	8	32	2	1	0	—	5	34	32		167
KHARTUM	00	7	02	4	0	0	—	5	34	29		
KASSALA	00	7	02	3	0	0	—	2	38	21		170
CENTRAL SUDAN WAD MEDANI	00	8	02	4	4	0	—	—	37	13		171
RENK	00	9	28	3	0	0	—	1	36	22		182
ROSEIRES	00	8	20	1	1	0	—	3	44	13		172
EL OBEID	05	6	04	4	0	0	—	6	31	24		174
EL FASHER	05	5	04	2	0	0	—	—	30	22		175
GENEINA	05	6	04	3	0	0	—	—	31	16		179
KADUGLI	12	5	04	4	1	0	—	5	36	15		187
S. SUDAN MALAKÂL	00	7	32	2	0	0	—	3	38	19		176
WAU												177
JUBA	01	8	08	1	1	4	1,2	1	38	25		178

At 20h. on THURSDAY 14th — الساعة ٢٠ يوم الخميس 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 14-20 p. mms	STATION NUMBER
MEDITERRANEAN SALÛM												130
MATRÛH	21	—	26	3	6	7	4	13.6	12.0	94	6	131
MARIUT	05	6	24	2	0	6	4	12	16	59	0	150
ALEXANDRIA	02	6	28	5	2	6	6	13.0	16.0	57	0	132
DAMIETTA	01	6	18	2	1	4	6	13.1	12.2	75	0	159
PORT SA'ID	00	8	22	3	0	2	8	13.2	15.3	63	0	134
EL 'ARÎSH	02	7	00	0	2	7	4	—	14.7	57	0	135
LOWER EGYPT DAMANHÛR	01	6	24	3	1	3	8	12.7	12.8	72	0	136
MANSÛRA	01	6	20	2	1	3	8	13.9	11.6	71	0	137
TANTA	01	8	24	2	1	4	8	14.6	15.9	61	0	138
ZAGAZIG	00	6	30	2	0	0	—	14.2	13.1	66	0	139
SHEBÎN EL KÔM	00	7	22	2	0	1	8	14.1	12.6	52	0	
MIDDLE EGYPT CAIRO ALMAZA	00	7	24	3	0	1	6	14.4	16.2	35	0	141
CAIRO EZBEKÎYA	00	7	24	3	0	3	8	15.1	15.5	44	0	
CAIRO GÎZA	00	4	22	2	1	3	8	14.8	13.4	46	0	
HELWÂN	01	7	22	2	0	3	4	14.8	14.9	39	0	143
SUEZ	01	8	16	1	1	4	3	15.4	17.7	40	0	144
UPPER EGYPT FAIYÛM	01	7	22	2	1	4	8	15.6	14.7	51	0	153
MINYA	00	9	30	1	0	0	—	16.8	14.7	45	0	154
ASYÛT	00	6	22	1	0	0	—	16.7	13.1	54	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	16.8	11.5	28	0	164
QENA	00	6	24	2	0	0	—	15.6	14.6	64	0	156
LUXOR	00	6	28	2	0	0	—	16.7	14.4	44	0	157
ASWÂN	00	9	32	2	0	0	—	16.7	19.0	26	0	158
DESERT SÎWA	00	5	00	0	0	0	—	16.0	14.0	76	0	148
BAHARÎYA	00	—	32	1	0	0	—	—	11.5	70	0	149
KHÂRGA	00	9	32	1	0	0	—	16.4	16.5	41	0	151
DAKHLA	00	6	26	3	0	0	—	16.4	12.0	30	0	152
RED SEA TÛR	00	7	26	3	0	0	—	15.4	16.1	36	0	145
HURGHADA	00	9	26	2	0	0	—	16.4	19.5	39	0	146
QUSEIR	00	8	32	3	0	0	—	15.9	20.4	44	0	147
PORT SUDAN												
NORTH SUDAN WADI HALFA												165
KAREIMA												166
ATBARA												167
KHARTUM												
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
WAU												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 14th — الرياح العليا يوم ١٤

MATRÛH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. m.	13 h. m.	h. m.	h. m.	13 h. m.	h. m.	h. m.	13 h. 15 m.	11 h. 15 m.	13 h. 30 m.	13 h. m.	13 h. m.	13 h. m.	13 h. 30 m.
	03 25 40			03 26 15	03 02 10		09 02 35	09 05 35	09 03 30	09 03 35	09 04 20	09 04 05	09 14 10
	06 25 20			06 25 25	06 03 15		15 23 30	15 01 35	15 01 30	15 02 15	15 04 20	15 02 05	15 19 05
	09 25 20			09 25 20	09 03 25		21 22 25	21 32 20	21 34 25	21 35 20	21 34 10	21 05 10	21 12 10
	15 20 20			15 28 20	15 05 30		27 24 40	24 34 15	24 33 25	27 36 30	27 31 10	27 06 15	27 03 15
				21 26 35	21 05 35		33 24 60	30 30 15	27 30 25	33 27 05	33 28 10		33 03 10
				30 25 55	30 08 45		39 26 —	39 27 35	30 29 25		39 30 05		39 04 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 14th	Diff from normal	WET BULB TEMP °C on 14th	Diff from normal
Alexandria	60	-5	11.6	+0.3
Ezbekiya	46	-16	10.1	-0.6
Giza	49	-18	9.7	-0.8
Helwan	43	-6	8.6	-0.7

GIZA — GRASS MINIMUM TEMP ON 15th 7.2° c

CAIRO — WATER TEMP RIVER NILE AT 9h. ON 15th 15.6° c

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	13th	1273	984
	14th	1273	984

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff from normal
	1946	m.	m	m.	m.
Jûba				12.65	-0.66
Nâsser		5.44	+0.16	5.48	+0.18
Malakâl		10.27	-0.24	10.28	-0.25
J. Aulia Res.					
J. Aulia D.S					
Roseires	15th	12.20	+0.53	12.22	+0.53
Sennar Res.		20.42	—	20.46	—
Khartûm		10.24	-0.17	10.26	-0.17
Kh. el Girba					
Atbara		10.32	+0.62	10.33	+0.62
Kajnarti		132.65	-0.30	132.71	-0.28
Aswân Res.		119.70	—	119.78	—
Aswân D.S		85.74	-0.39	85.74	-0.43
Roda (Cairo)		16.36	+0.76	16.42	+0.83

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

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	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	TEMPERATURE MAXIMUM Yesterday °C MM	TEMPERATURE MAXIMUM Diff. from norm. °C	TEMPERATURE MINIMUM Today °C mm	TEMPERATURE 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 SALÛM											—		—					7.3	
MATRÛH	02	9	26	4	5	5	6	14.6	-2.1	9.0	10	+1	7	-2	78	7	72	130	
MARIUT	25	7	22	1	8	6	4,8	14	—	12	19	—	11	—	76	3	143	123	
ALEXANDRIA	02	8	26	2	5	6	6	14.0	-3.5	13.0	18	-1	11	0	68	2	119	158	
DAMIETTA	02	7	20	3	6	7	6	13.5	-3.1	11.6	19	—	10	—	72	1	144	81	
PORT SA'ID	14	7	16	4	3	7	6	13.4	-3.1	12.6	19	-1	11	0	83	0	35	56	
EL 'ARÎSH	02	7	20	5	2	7	7	15.0	-2.4	12.3	20	0	10	+2	78	0	51	62	
LOWER EGYPT DAMANHÛR	02	6	26	2	6	6	9	14.0	-2.6	11.8	20	-1	9	+1	91	2	45	73	
MANSÛRA	03	6	20	1	2	8	9	14.3	-2.4	11.0	20	-1	9	+1	87	0	15	35	
TANTA	50	6	20	1	2	8	9	15.0	-2.1	11.4	21	0	8	+1	98	dr.	42	28	
ZAGAZIG	02	6	20	2	1	7	9	14.7	-2.7	10.4	21	+1	8	+1	91	0	6	18	
SHEBÎN EL KÔM	02	8	20	3	2	5	9	14.0	-3.5	11.8	21	—	8	—	83	0	12	—	
MIDDLE EGYPT CAIRO ALMAZA	02	7	16	3	1	5	9	14.9	-2.6	12.4	21	—	10	—	51	0	2	—	
CAIRO EZBEKÎYA	02	6	16	2	1	6	6	15.6	-1.9	11.6	23	+2	10	+2	61	0	2	16	
CAIRO GÎZA	02	5	16	2	2	5	6	15.5	-1.9	11.1	23	+2	10	+4	61	0	13	17	
HELWÂN	02	7	16	1	2	7	6	15.4	-2.6	10.0	20	0	9	+1	50	0	2	18	
SUEZ	00	9	18	2	0	0	—	15.8	-1.1	17.7	22	+1	14	+4	46	0	—	11	
UPPER EGYPT FAIYÛM	12	7	22	2	2	7	5	16.0	-1.5	9.0	22	0	7	0	61	0	8	5	
MINYA	00	8	32	1	0	0	—	17.0	-1.0	11.7	23	+1	9	+2	54	0	dr.	—	
ASYÛT	00	6	00	0	0	0	—	17.6	-1.2	11.1	21	-1	6	-1	66	0	0	4	
NAG HAMÂDI	00	8	00	0	0	0	—	17.5	+0.0	12.9	21	—	3	—	62	0	1	—	
QENA	00	7	24	1	0	0	—	17.6	+0.6	12.6	21	-4	5	-3	59	0	13	—	
LUXOR											—		—				0	—	
ASWÂN	00	9	02	1	0	0	—	17.6	-0.2	13.0	23	-2	8	-3	45	0	dr.	—	
DESERT SÎWA	00	7	22	1	0	0	—	18.6	-0.6	9.0	21	0	6	+1	84	0	1	6	
BAHARÎYA	01	9	00	0	1	4	—	20.3	+2.1	11.0	21	-1	7	+1	75	0	0	6	
KHÂRGA	00	9	28	1	0	0	—	18.2	+0.2	10.0	22	-2	5	-2	62	0	1	—	
DAKHLA	00	7	28	2	0	0	—	19.9	+1.1	10.8	22	-2	4	-2	50	0	0	—	
RED SEA TÛR	00	7	04	3	0	0	—	16.0	-0.7	15.1	21	0	8	-2	50	0	0	10	
HURGHADA	00	9	30	4	0	0	—	—	—	18.0	21	-2	11	+1	40	0	1	3	
QUSEIR	00	8	24	3	0	0	—	14.6	-1.3	16.5	23	0	13	-2	32	0	11	4	
PORT SUDAN	02	7	30	3	1	8	6,4	13		23					18	0	17	92	
NORTH SUDAN WADI HALFA	00	8	02	2	0	1	1	17		12					41	0	tr.	—	
KAREIMA	00	7	02	3	0	0	—	14		18					24	0	7	1	
ATBARA	00	7	28	4	0	1	4	11		21					35	0	2	2	
KHARTÛM	00	8	32	4	0	0	—	11		22					29	0	3	4	
KASSALA	01	8	00	0	1	4	4	7		26					58	0	31	8	
CENTRAL SUDAN WAD MEDANI	00	9	32	4	0	0	—	9		24					38	0	13	12	
RENK	00	9	30	3	0	0	—	7		25	—	—	—	—	51	—	—	49	
ROSEIRES	01	7	04	2	0	4	1	7		27					45	0	80	36	
EL OBEID	00	8	30	4	0	0	—	11		21					17	0	44	16	
EL FÂSHER	05	6	32	2	1	3	4	—	—	17					28	0	2	6	
GENEINA								—	—		—	—	—	—		—	—	4	
KADUGLI	02	8	04	4	1	6	4	10		25		—			32	—	—	89	
S. SUDAN MALAKÂL	01	8	32	4	1	4	4	8		26					37	0	170	88	
WAU																0	113	147	
JUBA	00	8	12	1	0	2	4	8		28					37	0	188	152	

Upper Winds are in the Code HHDDVV where HH is Height 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 SAID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. 15 m.	8 h. 15 m.	7 h. 15 m.	h. m.	8 h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	6 h. 30 m.
03 32 35	03 27 15	03 28 30		03 25 20		03 33 15		09 36 50	09 02 30	09 02 35	09 01 50
06 32 35	06 29 20	06 26 30		06 25 25		06 33 30		15 31 15	15 36 20	15 36 25	15 35 15
09 32 40	09 29 30	09 27 30		09 27 40		09 34 40		21 27 20	21 22 15	21 26 05	21 32 25
	Encl. Co.	15 26 40		15 28 20		15 34 35		27 28 40	27 25 55	24 31 15	24 32 25
		18 26 55		21 28 55		21 35 40		30 26 55	33 26 60	30 33 15	33 28 20
				24 27 50		27 34 40				39 29 20	
				27 26 40		30 34 35					
				30 27 40							

UPPER WINDS ON 10th

KASSALA	PORT SUDAN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	h. m.	7 h. m.	h. m.	h. m.	7 h. m.
09 03 20		09 03 35			09 02 50
15 01 20		15 02 40			15 03 45
21 31 35		21 02 45			21 04 30
27 05 15		27 01 35			27 06 10
33 05 15					33 05 10
39 04 15					

CYPRUS SYNOPTIC 8h. ON 15th

UPPER AIR TEMP. ALMAZA AT 05h. GMT ON 16th

HEIGHT FEET	P.P.P m.b.	T °c	T °f
Surface	1007	53	43
500	990	51	46
1000	972	49	46
1500	954	48	46
2000	937	47	46
4000	871	41	39
6000	808	33	31
8000	749	27	26
10000	693	19	18
12000	641	14	13
14000	592	9	8
16000	546	3	2

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 Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	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

Time of Sunrise h. 6 m. 24
Sunset 17 " 44

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

1417 P.S.

At 14h. on FRIDAY 15th — الساعة ١٤ 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 PRESS M.S.L. 1000+ mbs. ppp	°C TEMP. ttt	% HUMIDITY uu	RAIN 8-14h. mms	STATION NUMBER
MEDITERRANEAN SALÛM												130
MATRÛH	01	9	26	4	2	4	8	13.0	13.4	50	0	131
MARIUT	01	7	24	5	8	3	2,8,6	13	15	39	1	150
ALEXANDRIA	02	9	22	6	5	5	4	12.8	14.0	47	tr	132
DAMIETTA	20	8	20	4	5	3	9	11.9	15.7	57	dr	159
PORT SA'ÎD	20	8	24	3	5	5	9	12.0	16.2	60	dr	134
EL 'ARÎSH												135
LOWER EGYPT DAMANHÛR	01	7	26	6	1	4	8	13.3	19.0	52	0	136
MANSÛRA	01	8	20	3	1	4	8	12.6	17.6	41	0	137
TANTA	01	8	24	6	1	4	8	12.3	17.0	43	0	138
ZAGAZIG	02	6	20	3	1	5	8	12.3	17.8	49	0	139
SHEBÎN EL KÔM	01	8	22	6	1	4	8	12.0	19.2	40	0	
MIDDLE EGYPT CAIRO ALMÂZA	01	8	22	4	2	5	6	12.3	18.8	33	0	141
CAIRO EZBEKÎYA	01	8	22	5	1	4	8	13.1	18.4	39	0	
CAIRO GÎZA	01	6	26	4	1	4	8	12.7	20.9	33	0	
HELWÂN	50	8	22	3	5	5	9	13.0	17.4	40	dr	143
SUEZ	01	9	18	2	1	4	4	12.7	21.4	26	0	144
UPPER EGYPT FAIYÛM	02	8	22	4	2	7	5	13.6	19.4	49	0	153
MINYA	01	9	24	2	1	4	3	14.2	22.4	26	0	154
ASYÛT	00	8	22	1	0	0	—	14.3	21.5	21	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	14.4	20.1	30	0	164
QENA	00	8	22	3	0	0	—	14.3	21.8	37	0	156
LUXOR	00	7	26	2	0	0	—	15.2	22.5	30	0	157
ASWÂN	01	9	25	2	1	4	1	14.6	21.5	12	0	158
WESTERN DESERT SÎWA	00	6	26	3	0	0	—	18.3	16.0	56	0	148
BAHARÎYA	00	9	00	0	0	0	—	17.5	19.4	43	0	149
KHÂRGA	00	9	16	1	0	0	—	16.6	20.5	39	0	151
DAKHLA	00	8	28	4	0	0	—	—	20.0	35	0	152
RED SEA TÛR	00	7	28	3	0	0	—	15.1	21.1	35	0	145
HURGHÂDA	00	9	02	4	0	0	—	15.3	21.5	39	0	146
QUSEIR	00	8	04	2	0	0	—	14.2	21.4	37	0	147
PORT SUDÂN	18	6	02	4	1	4	6	10	26	79		209
NORTH SUDAN WADI HALFA	01	8	32	3	1	3	1	14	23	41		165
KAREIMA	00	7	02	4	0	0	—	10	28	19		166
'ATBARA	00	7	30	4	0	0	—	6	31	29		167
KHARTÛM	14	8	32	4	0	0	—	7	32	28		209
KASSALA	00	7	30	4	0	0	—	3	34	32		170
CENTRAL SUDAN WAD MEDANI	01	8	32	5	0	3	3	4	34	27		171
RENK	00	9	28	3	0	0	—	—	35	30		182
ROSEIRES	01	7	04	1	1	4	2	3	36	27		172
EL OBEID	00	8	02	4	0	0	—	6	29	22		174
EL FASHER	05	6	02	4	1	4	2	—	32	18		175
GENEINA												179
KADUGLI	00	7	04	3	1	3	2	5	36	09		187
S. SUDAN MALAKÂL	00	8	32	4	0	0	—	2	37	22		176
WAU	00	7	32	1	0	0	—	3	37	20		177
JUBA	00	8	28	2	0	2	8	2	39	16		178

At 20h. on 15th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. ppp	°C TEMP. ttt	% HUMIDITY uu	RAIN 14-20h. mms
MEDITERRANEAN SALÛM											
MATRÛH	01	7	22	3	1	4	8	12.0	10.4	58	0
MARIUT	01	7	23	4	1	3	8	12	13	34	0
ALEXANDRIA	02	6	22	6	2	5	8	12.0	13.2	40	0
DAMIETTA	00	8	20	2	1	0	—	11.8	9.2	71	0
PORT SA'ÎD	00	8	24	3	0	0	—	12.0	12.4	58	0
EL 'ARÎSH	02	7	00	0	1	7	4	—	13.4	64	0
LOWER EGYPT DAMANHÛR	00	5	26	4	1	0	—	12.7	10.0	84	0
MANSÛRA	00	6	24	2	1	0	—	12.8	9.6	64	0
TANTA	01	8	28	4	1	4	8	12.6	8.5	66	0
ZAGAZIG	00	6	24	2	0	0	—	13.1	10.1	74	0
SHEBÎN EL KÔM	00	8	22	3	1	0	—	13.5	10.6	49	0
MIDDLE EGYPT CAIRO ALMÂZA	00	7	26	3	0	0	—	13.8	12.4	27	0
CAIRO EZBEKÎYA	00	7	22	2	0	0	—	14.3	12.2	43	0
CAIRO GÎZA	00		22	2	0	0	—	14.0	10.3	40	0
HELWÂN	00	7	26	3	5	2	4	14.6	12.2	31	dr
SUEZ	01	8	18	2	1	4	4	13.0	16.8	33	0
UPPER EGYPT FAIYÛM	01	8	22	2	1	3	5	14.8	12.7	46	0
MINYA	01	8	28	3	1	4	8	15.4	13.7	46	0
ASYÛT	00	6	22	1	0	0	—	15.6	13.1	57	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.2	10.9	75	0
QENA	00	6	24	1	0	0	—	14.8	12.8	66	0
LUXOR	00	6	28	1	0	0	—	14.7	12.0	54	0
ASWÂN	00	9	00	0	0	0	—	15.0	18.6	25	0
WESTERN DESERT SÎWA			26	5	2	8	4	17.0	13.3	88	0
BAHARÎYA	00		32	1	0	0	—	—	11.5	70	0
KHÂRGA	00	9	32	1	0	0	—	16.3	17.4	34	0
DAKHLA	00	6	28	2	0	0	—	18.6	10.1	53	0
RED SEA TÛR	00	7	28	3	0	0	—	15.1	17.3	48	0
HURGHÂDA	00	9	26	3	0	0	—	—	19.5	39	0
QUSEIR	00	8	32	2	0	0	—	14.7	18.2	43	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											
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 15th — الرياح العليا يوم ١٥

MATRÛH	MARIUT	PORT SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 15 m.	13 h. 30 m.	12 h. 30 m.	h. m.	13 h. m.	13 h. 15 m.	h. m.	13 h. 15 m.	13 h. m.	13 h. 15 m.	12 h. 30 m.	12 h. 15 m.	13 h. m.	13 h. 15 m.
03 26 50	03 24 20	03 26 25		03 26 20	03 33 15		09 36 30	09 01 40	09 36 15	09 36 15	09 02 25	09 04 10	09 36 15
06 26 65	06 25 30	06 25 30		06 25 15	06 33 20		15 30 30	15 32 20	15 34 20	15 01 30	15 04 15	15 06 15	15 03 15
09 26 50	09 26 30	09 25 40		09 25 20	09 32 35		21 27 40	21 27 35	21 25 30	21 35 30	21 06 10	21 05 15	21 07 15
15 30 30	15 23 45	15 24 65		15 27 25	15 30 30		24 23 70	24 30 30	27 00 30	27 36 15			27 04 15
21 29 40	21 25 45			21 26 55	21 30 10			27 23 35	30 28 30	33 04 35	33 36 35		33 02 15
	30 25 40			30 26 65	47 28 45					39 02 30	39 34 65		39 07 35
					30 28 70								

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	Mean of day HUMIDITY % Diff from normal	Mean of day WET BULB TEMP °C on 15th	Mean of day WET BULB TEMP °C Diff from normal
Alexandria	50	— 15	9.0	— 2.5
Ezbekiya	46	— 16	9.0	— 1.8
Giza	45	— 22	8.7	— 1.8
Helwân	35	— 16	7.7	— 1.9

GÎZA — GRASS MINIMUM TEMP. ON 16th 4.6° C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON 16th 15.3° C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	16.2	1215	984
	15.2	1233	984

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				5.44	+ 0.16
Malakâl		10.26	— 0.23	10.27	— 0.24
J. Aulia Res.					
J. Aulia D.S					
Roseires	15	12.18	+ 0.52	12.20	+ 0.53
Sennar Res.				20.42	
Khartûm				10.24	— 0.17
Kh. el Girba	16				
'Atbara		10.29	+ 0.01	10.32	+ 0.02
Kajnarti		132.61	— 0.32	132.65	— 0.30
Aswân Res.		119.67		119.70	
Aswân D.S		85.65	— 0.46	85.74	— 0.39
Roda (Cairo)		16.27	+ 0.68	16.36	+ 0.76

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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	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE 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	STATION NUMBER
MEDITERRANEAN SALÛM												—		—				74	
MATRÛH	21	9	22	4	5	4	9	11.0	— 5.7	5.6	14	— 4	3	— 6	91	1	78	181	
MARIUT	82	6	23	5	8	7	8,9,6	8		8	14	—	6	—	66	8	106	124	
ALEXANDRIA	61	6	24	8	6	8	9	8.7	— 8.8	6.8	15	— 4	6	— 5	91	3	122	159	
DAMIETTA	01	7	18	6	1	5	7	7.4	— 9.2	6.9	16	—	6	—	73	dr	44	82	
PORT SA'ÎD	14	6	20	6	3	3	5	7.4	— 9.0	7.9	17	— 3	8	— 3	71	dr	35	67	
EL 'ARÎSH	02	7	30	5	1	6	7	—	—	12.3	21	+ 1	10	+ 2	78	0	51	63	
LOWER EGYPT DAMANHÛR	63	4	28	7	6	8	9	9.2	— 7.4	5.8	19	— 2	5	— 3	85	5	50	73	
MANSÛRA	01	8	20	3	1	4	0	8.7	— 8.0	7.0	19	— 2	5	— 3	71	0	15	36	
TANTA	01	8	24	6	1	4	4	10.3	— 6.3	6.0	19	— 2	5	— 2	70	0	42	28	
ZAGAZIG	18	6	20	6	3	2	8	11.2	— 6.1	7.8	20	— 1	7	0	69	0	6	18	
SHEBÎN EL KÔM	14	6	22	7	3	0	—	10.0	— 7.5	7.0	20	—	6	—	62	0	12	—	
MIDDLE EGYPT CAIRO ALMAZA	18	4	26	7	1	0	—	11.4	— 6.1	6.8	19	—	6	—	71	0	2	—	
CAIRO EZBEKÎYA	12	5	20	6	3	0	—	12.7	— 4.8	7.7	21	0	7	— 1	73	0	2	17	
CAIRO GÎZA	12	5	26	5	3	0	—	12.7	— 4.7	7.7	22	+ 1	6	0	57	0	13	17	
HELWÂN	12	6	22	7	0	0	—	13.0	— 5.0	7.1	19	— 1	6	— 3	58	dr	2	18	
SUEZ	01	9	18	2	1	4	4	13.6	— 3.3	12.1	23	+ 2	9	— 1	39	0	—	11	
UPPER EGYPT FAIYÛM	12	6	26	5	3	0	—	14.4	— 3.0	7.5	20	— 2	6	— 1	68	0	8	6	
MINYA	00	5	24	3	0	0	—	17.1	— 0.8	10.0	23	+ 1	5	— 2	55	0	dr	—	
ASYÛT	00	7	20	2	1	0	—	17.5	— 1.2	10.0	22	0	6	— 1	44	0	0	4	
NAG' HAMÂDI	00	8	32	1	0	0	—	18.4	+ 0.9	13.5	21	—	5	—	41	0	1	—	
QENA	00	7	22	3	0	0	—	17.0	+ 0.1	11.0	22	— 3	7	— 1	61	0	13	—	
LUXOR										TT.6								—	
ASWÂN	01	9	30	2	1	4	1	17.9	+ 0.1	20.6	22	— 3	9	— 2	44	0	dr	—	
WESTERN DESERT SÎWA	00	5	26	7	0	0	—	18.6	— 0.5	6.0	17	— 4	5	0	95	0	1	6	
BAHARÎYA	00	9	24	2	0	0	—	—	—	10.0	20	— 2	5	— 1	80	0	0	6	
KHÂRGA	00	9	32	1	0	0	—	19.2	+ 1.8	10.2	22	— 2	6	— 1	60	0	1	—	
DÂKHLA	00	7	28	4	0	0	—	21.0	+ 2.3	9.0	21	— 3	5	— 2	68	0	0	—	
RED SEA TÛR	01	7	26	4	0	0	—	14.7	— 1.9	14.8	24	+ 3	10	0	26	0	0	11	
HURGHÂDA	00	9	30	3	0	0	—	16.3	+ 0.2	16.5	28	0	12	+ 2	61	0	1	3	
QUSEIR	00	8	24	4	0	0	—	15.2	— 0.6	16.0	24	+ 1	13	— 2	32	0	11	4	
PORT SUDÂN	03	8	32	4	2	8	6	13		23					78	0	17	92	
NORTH SUDAN WADI HALFA	00	8	04	1	0	3	4	19		12					36	0	4.	—	
KAREIMA	02	8	04	4	1	7	4,5	16		17					13	0	7	1	
'ATBARA																0	2	2	
KHARTÛM	00	7	30	4	0	0	—	12		21					18	0	3	4	
KASSALA	00	8	02	4	0	2	4	8		23					53	0	31	8	
CENTRAL SUDAN WAD MEDANI	00	8	32	3	0	0	—	14		22					65	0	13	12	
RENK	00	9	22	3	0	0	—	8		24					34	—	—	49	
ROSEIRES	02	7	04	3	0	5	8	11		24					41	0	80	36	
EL OBEID	01	8	30	4	0	3	1	13		18					30	0	44	16	
EL FÂSHER	00	8	32	4	0	0	—	—	—	21					20	0	2	6	
GENEINA																		4	
KADUGLI	01	6	04	4	1	4	2	11		24					17	—	—	89	
S. SUDAN MALAKÂL	01	7	32	5	1	5	4	9		27					37	0	190	88	
WÂU	01	8	02	2	0	3	4	8		25					30	0	113	147	
JUBA	05	6	24	1	0	0	—	8		29					35	0	182	153	

Upper Winds are in the Code HHDDVV where HH is Height 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	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	h. m.	9 h. 15 m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	6 h. 30 m.
03 28 60			02 25 50	03 28 20	02 30 25	03 29 20	02 30 20	09 35 35	09 36 30	09 01 55	09 36 15
06 29 70			05 24 100	06 28 45	05 33 35	06 30 35	05 34 40	15 33 45	15 32 25	15 35 35	15 03 20
09 30 70			07 24 125	09 28 55	10 35 40	09 30 30	10 31 25	21 30 55	21 28 15	21 29 30	21 01 10
			15 28 80	16 33 45	15 39 55	15 27 35	15 27 30	27 28 50	27 27 30	27 30 25	27 35 20
				20 32 40	21 28 55		21 23 25	33 28 70	33 27 45	33 26 70	33 01 25
				25 30 60	27 27 75				39 26 50	39 26 60	39 26 30
									51 26 70	51 26 25	
									60 26 40		

KASSALA	PORT SUDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	h. m.	6 h. 45 m.	h. m.	h. m.	7 h. 30 m.
09 03 30		09 02 45			09 02 50
15 02 40		15 03 20			15 03 60
21 06 20		21 04 10			21 04 50
27 06 30		27 04 15			27 06 40
33 02 10		33 36 20			33 07 30
39 35 10		39 31 15			39 05 15

CYPRUS SYNOPTIC 8h. ON 16th

34790	65658	43688	04121	20607	02061
34942	62855	32261	00070	50910	02061

UPPER AIR TEMP. ALMÂZA AT 24h GMT ON 16th

HEIGHT FEET	P.P.P m.b.	T.T °F	T.T °C
Surface	1002	49	40
500	984	51	40
1000	966	50	39
1500	946	47	38
2000	932	45	37
4000	865	34	29
6000	803	26	26
8000	744	16	16
10000	689	10.5	10
12000	637	5	4
14000	587	3	2
16000	543	— 2	— 3

WIND FORCE (F)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-28	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 06 h. 33 m.
Sunset 17 h. 45 m.

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

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on SATURDAY 16th (الساعة ١٤ يوم 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	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	5	7	9	12.4	9.8	86	2	02	—	26	7	5	5	9	13.8	11.0	73	dr.	131
MARIUT	86	6	26	5	8	6	9	10	8	88		25	6	29	5	8	5	9	11	10	76	7	150
ALEXANDRIA	61	8	30	6	6	5	9	10.0	9.0	87	3	61	5	26	8	6	8	9	10.7	8.2	83	2	132
DAMIETTA	21	6	20	7	6	6	7	8.0	15.5	68	2	61	7	20	4	6	8	9	10.6	7.5	93	4	159
PORT SA'ÎD	14	7	18	6	5	6	6	8.0	12.0	51	dr.	50	7	20	5	5	8	9	10.8	9.0	76	dr.	134
EL 'ARÎSH	00	7	30	7	0	0	—	—	12.2	57?	0	02	7	20	6	1	6	4	11.2	12.4	69	0	135
Lower Egypt																							
DAMANHÛR	01	7	28	6	5	5	8	9.6	12.8	68	2	63	3	28	4	8	8	7	12.0	7.4	98	7	136
MANSÛRA	03	7	20	5	2	8	0	9.4	12.0	52	0	61	6	24	2	5	4	9	11.9	8.6	76	3	137
TANTA	03	8	24	7	2	8	6	9.6	12.0	65	0	03	8	24	5	6	8	6	12.6	8.0	86	1	138
ZAGAZIG	16	3	20	6	3	0	—	10.6	12.5	56	0	00	6	20	2	0	0	—	11.8	8.2	85	0	139
SHEBÎN EL KÔM	33	3	22	9?	3	9	—	9.5	13.4	46	0	02	6	22	3	6	5	0	—	9.2	79	1	—
Middle Egypt																							
CAIRO ALMÂZA	33	2	24	6	3	5	6	11.5	12.9	33	0	05	6	27	4	2	5	6,8	13.8	11.1	54	0	141
CAIRO EZBEKÎYA	33	3	22	6	3	9	—	12.0	13.4	36	0	02	6	22	4	8	6	6	14.6	10.8	60	dr.	—
CAIRO GÎZA	33	3	24	6	3	9	—	12.2	14.7	35	0	02	5	22	5	5	6	9	14.4	10.7	48	dr.	—
HELWÂN	12	4	24	4	5	0	—	12.7	12.1	32	dr.	02	6	24	5	2	8	6	15.0	11.1	41	0	143
SUEZ	00	9	26	4	0	3	—	13.1	13	28	0	02	8	18	1	2	6	5	13.8	13.1	41	0	144
Upper Egypt																							
FAIYÛM	30	3	26	6	3	9	—	14.0	13.2	46	0	02	7	26	2	3	7	5	15.8	11.4	54	0	153
MINYA	00	8	28	4	3	0	—	16.2	15.0	21	0	02	7	24	3	2	7	2	18.4	10.7	48	0	154
ASYÛT	00	6	22	3	0	0	—	16.8	13.5	22	0	00	6	22	1	0	0	—	18.8	9.2	40	0	155
NAG' HAMADI	12	8	26	3	3	0	—	16.4	15.5	20	0	02	8	24	1	3	5	1	19.5	9.4	44	0	164
QENA	00	8	26	4	0	0	—	16.0	16.4	30	0	01	6	26	3	0	3	1	19.1	15.4	37	0	156
LUXOR	00	7	30	4	0	0	—	17.0	17.0	26	0	00	6	28	4	0	0	—	18.7	11.8	45	0	157
ASWÂN												00	9	30	2	0	0	—	18.4	15.0	21	0	158
Western Desert																							
SÎWA	00	6	26	6	0	0	—	19.0	14.0	67	0	00	5	22	1	0	0	—	19.0	10.0	74	0	148
BAHARÎYA	00	9	08	1	0	0	—	19.0	18.0	44	0												149
KHÂRGA	01	9	28	1	1	4	2	18.7	15.2	38	0	00	9	32	1	0	0	—	19.6	10.2	48	0	151
DÂKHLA	00	6	28	6	0	0	—	18.2	14.4	37	0	00	6	24	3	0	0	—	20.8	8.2	44	0	152
Red Sea																							
TÔR	01	7	28	5	0	3	5	14.7	15.1	28	0	00	7	28	4	0	0	—	—	10.5	36	0	145
HURGHÂDA	00	9	02	6	0	0	—	—	19.5	35	0	00	9	30	5	0	0	—	—	16.0	50	0	146
QUSEIR	00	8	24	5	0	0	—	13.8	19.0	23	0	00	8	24	4	0	0	—	15.6	15.0	21	0	147
PORT SÛDÂN	02	8	32	4	2	6	6,4	11	26	62													248
North Sûdân																							
WÂDI HALFA	01	7	30	4	1	4	1	17	19	24													165
KAREIMA	14	7	02	5	1	0	—	13	26	12													166
ATBARA	18	5	28	5	0	0	—	9	28	22													167
KHARTÛM	05	6	30	4	0	0	—	9	29	25													209
KASSALA	00	7	04	3	0	0	—	4	34	32													170
Central Sûdân																							
WAD MEDANI	00	8	32	4	0	0	—	6	33	14													171
RENK																							182
ROSEIRES	01	7	04	1	1	4	2	5	33	32													172
EL OBEID	01	7	32	4	1	4	1	8	28	14													174
EL FÂSHER	00	8	28	2	1	1	1	—	28	13													175
GENEINA																							179
KADUGLI	00	7	04	4	1	1	1	6	34	19													187
S. Sûdân																							
MALAKÂL	01	8	02	4	1	4	4	6	34	22													176
WÂU	00	7	08	2	0	0	—	3	36	17													177
JUBA	00	8	32	2	0	2	8	3	35	27													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

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13 h. m.	13 h. 45 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.	h. m.	13 h. m.	13 h. m.
03 27 55	03 30 70						09 32 15	09 01 40	09 36 40	09 01 30		09 02 30	09 04 15
06 27 75	06 30 60						15 30 40	15 33 30	15 36 20	15 05 15		15 03 40	15 35 15
	09 31 65						21 28 40	21 31 30	21 01 30	21 35 10		21 04 20	21 01 15
							27 26 45	24 30 20	24 01 30	27 01 20		27 04 15	27 01 25
							30 25 60			33 04 20		33 03 10	33 02 15
										39 07 20		39 01 05	39 04 15

UPPER WINDS ON 17th (الرياح العليا يوم ١٧)

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. 30 m.	8 h. 15 m.	h. m.	9 h. 00 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. 30 m.
03 31 55	03 29 75		02 23 35		02 21 15	03 32 10	02 35 15	09 36 35	09 36 40	09 01 35	09 03 35
06 31 60	06 29 85		05 25 50		05 30 20	06 33 15	05 35 35	15 25 30	15 36 30	15 34 20	15 02 35
	09 29 95		08 26 70		10 29 35	09 35 15	10 36 45	21 29 35	21 33 30	21 27 20	21 32 20
	12 28 60		10 27 85		15 29 40	15 36 25		33 27 30	33 26 50	36 25 40	27 31 20
			15 28 70		20 30 50	21 01 30					
						30 34 40					

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7 h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	h. m.
09 04 50		09 03 55		09 05 40	
15 03 40		15 04 40		15 09 15	
21 03 15		21 05 15		21 27 05	
33 08 20		33 05 20		33 21 15	
39 01 20				39 19 15	

CYPRUS SYNOPTIC 8h. ON 17th.
34790 55658 22768 02050 30004 08031
34802 71338 30078 02020 2x303 02013

UPPER AIR TEMP ALMÂZA AT 07h. G.M.T. ON 17th.

HEIGHT (feet)	PPP (mb.)	TT (°F)	(°F)
Surface	1008	43	38
500	990	42	38
1000	972	40	36
1500	954	38	35
2000	937	36	33
4000	871	29	28
6000	808	22	22
8000	749	16	16
10000	693	13	12
12000	641	11	10
14000	592	6	6
16000	546	−1	−1

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	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												—		—				75
MATRÛH	02	9	22	4	5	7	9	17.0	+0.3	7.2	12	−6	—	—	69	3	76	132
MARIUT	81	6	24	7	8	5	9	14		11	12	—	7	—	41	10	156	125
ALEXANDRIA	03	8	28	8	6	8	4	13.8	−3.6	10.8	12	−7	6	−5	47	8	130	160
DAMIETTA	61	7	20	5	6	6	7	12.6	−4.0	6.5	16	—	5	—	90	9	53	82
PORT SA'ÎD	50	7	20	6	5	5	9	12.4	−4.0	7.4	13	−7	6	−5	80	1	36	57
EL 'ARÎSH	02	7	30	7	1	6	7	—	—	11.0	15	−5	5	−3	77	0	51	63
Lower Egypt																		
DAMANHÛR	01	5	28	4	6	3	8	14.0	−2.5	8.0	17	−4	6	−2	78	12	62	74
MANSÛRA	03	7	10	3	5	8	9	14.0	−2.7	6.8	15	−6	5	−3	84	5	20	36
ṬANṬA	02	8	24	6	6	6	8	15.8	−1.2	5.5	13	−8	5	−2	85	3	45	29
ZAGAZIG	02	6	20	5	5	7	8	16.6	−0.7	6.8	14	−7	5	−2	73	dr.	6	19
SHEBÎN EL KÔM	01	8	22	4	1	4	9	15.0	−2.5	6.9	14	—	5	—	65	1	13	—
Middle Egypt																		
CAIRO ALMAZA	01	7	20	4	0	4	5	17.4	0.0	6.9	13	—	5	—	59	0	2	—
CAIRO EZBEKÎYA	05	5	16	4	1	5	6	17.6	+0.2	7.7	15	−6	7	−1	60	dr.	2	17
CAIRO GÎZA	05	6	12	3	1	3	6	18.0	+0.6	7.4	15	−6	6	0	59	dr.	13	17
ḤELWÂN	01	7	16	5	1	5	4	18.3	+0.4	6.2	13	7	4	−5	59	dr.	2	18
SUEZ	01	9	18	3	1	4	2	18.4	+1.6	12.8	—	—	8	−2	37	0	—	11
Upper Egypt																		
FAIYÛM	01	7	22	2	1	3	4	19.2	+1.9	6.9	14	−8	5	−2	65	0	8	6
MINYA	02	7	20	2	2	5	6	21.6	+3.7	7.3	15	−7	4	−3	57	0	dr.	—
ASYÛT	01	6	20	1	1	4	8	21.9	+3.2	7.9	15	−7	3	−4	48	0	0	4
NAG' ḤAMÂDI	00	8	00	0	0	0	—	22.4	+5.0	9.5	16	—	1	—	50	0	1	—
QENA	00	7	22	2	1	0	—	21.8	+5.0	7.4	17	−8	2	−6	61	0	13	—
LUXOR	00	7	28	2	0	0	—	22.4	+5.1	11.0	17	−7	3	−4	48	0	0	—
ASWÂN	01	9	00	0	1	4	1	22.4	+4.7	9.0	19	−7	5	−6	36	0	dr.	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	21.2	+2.2	8.0	15	−7	6	+1	86	0	1	6
BAHARÎYA																0	0	6
KHÂRGA	00	9	12	1	0	0	—	23.0	+5.2	7.8	17	−8	2	−8	60	0	1	—
DÂKHLA	00	7	24	3	0	0	—	23.6	+5.0	6.0	15	−9	2	−5	69	0	0	
Red Sea																		
TÔR	00	7	28	4	0	0	—	19.5	+3.0	13.9	15	−7	4	−6	40	0	0	11
HURGHÂDA	00	9	26	2	0	0	—	19.0	+2.9	16.1	20	−3	11	+1	45	0	1	3
QUSEIR	00	8	24	6	0	0	—	18.7	+3.0	12.0	21	−2	10	−5	35	0	11	4
PORT SÛDÂN	01	8	32	2	1	4	6	16		22					44	0	17	92
North Sûdân																		
WÂDI HALFA	05	6	32	2	0	1	4,1	22		9					32	0	tr.	
KAREIMA	00	7	02	4	0	0	—	19		12					16	0	7	1
ATBARA	18	4	32	4	0	0	—	16		15					25	0	2	2
KHARTÛM	05	6	30	4	1	4	—	16		17					26	0	3	4
KASSALA	01	8	02	3	1	4	—	11		22					25	0	31	8
Central Sûdân																		
WAD MEDANI	00	9	32	5	0	2	3	14		19					18	0	13	12
RENK	00	9	30	3	0	0	—	11		22					—		—	49
ROSEIRES	00	8	28	2	1	0	—	—		21					28	0	80	36
EL OBEID	00	7	32	5	0	0	—	15		17					34	0	44	16
EL FÂSHER	00	8	32	4	0	0	—	—	—	16					34	0	2	6
GENEINA	00	8	24	4	0	0	—	—	—	16		—		—	13	—	—	4
KADUGLI	01	7	24	4	1	4	1	12		22		—			13		—	90
S. Sûdân																		
MALAKÂL	05	6	32	5	1	5	4,5	11		23					14	0	170	88
WÂU	00	8	32	2	0	0	—	10		23					34	0	113	147
JUBA	01	8	25	1	1	4	4,1	9		26					51	0	188	153

Remarks

Hours are [illegible] standard time, long. 30° E. and are two hours [illegible] Greenwich mean time

Station	Mean of day: Humidity % on 16th	Diff from normal	Wet Bulb Temp °C on 16th	Diff from normal
Alexandria	83	+18	7.1	−4.4
Ezbekiya	60	−2	6.9	−3.9
Giza	47	−20	6.5	−4.1
Helwân	45	−6	5.4	−4.2

GÎZA — GRASS MINIMUM TEMP ON 17th. 4.3° C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 17th. 14.4° C

Discharges at Aswân measured by sluices m³ per sec. — Date	1946	1945
17th.	1157	984
16th.	1215	984

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17th.			12.64	−0.66
Nâsser					
Malakâl				10.26	−0.23
J. Aulia Res				376.98	—
J. Aulia D.S				371.25	−0.08
Roseires		12.16	+0.50	12.18	+0.52
Sennar Res.				20.40	—
Khartûm				10.22	−0.17
Kh. el Girba					
'Atbara		10.28	+0.01	10.29	+0.01
Kajnarti				132.61	−0.32
Aswân Res.		119.60	—	119.67	—
Aswân D.S		85.54	−0.54	85.65	−0.46
Roda (Cairo)		16.18	+0.60	16.27	+0.68

PRESENT WEATHER 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	43
Drizzle	50-59
Rain	60-69
Rain and Fog	57
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
[illegible] of Snow	83, 84
[illegible] of Sleet	85, 86
[illegible] Hail	88, 89
Thunderstorm	90-99
[illegible] Rain	91
[illegible] with Hail	94-96
[illegible] with Duststorm	98
[illegible] with Hail	99

PAST WEATHER (W)

Clear [illegible]	0
[illegible]	1
[illegible]	2
[illegible] Duststorm	3
Fog, thick dust haze	4
[illegible]	5
[illegible]	6
Snow, sleet	7
Showers	8
Thunder[illegible]	9

VISIBILITY (V)

Objects [illegible] visible at	
50 metres	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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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise h. 06 m. 38
Sunset h. 17 m. 46

Month February 1946   شهر فبراير ١٩٤٦

At 14h. on Sunday 17th (الساعة ١٤ يوم الأحد ١٧) and At 20h. on Sunday 17th (الساعة ٢٠ يوم الأحد ١٧)

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																							
SALUM																							130
MATRUH	02	9	26	4	5	5	9	17.9	11.0	85	dr	02	—	22	1	1	7	9	18.2	10.0	87	0	131
MARIUT	85	7	26	6	8	5	8	16	11	47	dr	02	7	26	4	1	5	8	17	12	44	2	150
ALEXANDRIA	02	8	26	8	6	5	9	15.6	11.0	63	tr	02	5	26	6	5	7	9	17.6	12.2	49	tr	132
DAMIETTA	20	8	28	7	7	3	9	13.5	10.2	69	1	20	7	20	4	6	4	9	16.6	7.7	89	1	159
PORT SAID	24	8	28	6	8	5	9	13.8	8.6	83	4	20	8	24	5	6	8	9	17.1	8.1	83	2	134
EL ARISH	00	7	20	8	0	0	—	—	9.4	—	0												135
LOWER EGYPT																							
DAMANHUR	20	6	28	5	6	5	8	15.6	9.3	86	3	01	5	28	3	8	4	8	17.0	7.2	86	5	136
MANSURA	03	7	24	3	5	8	9	14.8	9.4	79	3	02	6	24	2	5	5	9	18.8	7.2	83	2	137
TANTA	10	8	24	7	6	7	8	15.5	10.0	80	1	02	8	20	5	6	5	4	19.1	6.5	92	tr	138
ZAGAZIG	50	6	04	6	6	5	9	17.1	7.9	90	tr	00	6	24	2	0	0	—	17.1	7.2	87	0	139
SHEBIN EL KOM	50	7	22	8	5	5	9	16.4	9.3	72	dr	01	8	22	5	6	4	6	17.2	7.6	70	1	—
MIDDLE EGYPT																							
CAIRO ALMAZA	18	4	28	6	2	8	8,5	16.7	12.5	41	0	05	5	28	3	2	8	0	19	10	62	dr	141
CAIRO EZBEKIYA	33	3	24	6	3	9	—	17.2	13.6	36	0	01	6	00	0	8	4	4	19.8	10.2	66	dr	—
CAIRO GIZA	18	5	26	4	3	9	—	17.1	13.9	39	0	02	6	28	1	3	5	4	19.5	9.4	61	0	—
HELWAN	12	4	24	7	3	8	0	17.2	12.8	28	0	01	6	28	3	5	5	4	19.8	10.0	50	dr	143
SUEZ	02	8	18	4	2	5	5	17.2	14.7	29	0	01	8	26	1	1	4	8	19.8	10.8	51	0	144
UPPER EGYPT																							
FAIYUM	18	5	28	6	3	7	5	18.7	13.6	35	0	02	7	28	2	3	5	5	20.2	10.4	42	0	153
MINYA	01	8	28	4	1	4	8	19.9	17.3	24	0	00	7	32	2	1	0	—	21.0	11.1	47	0	154
ASYUT	01	7	20	2	1	4	8	20.3	15.8	32	0	00	6	22	1	1	0	—	20.6	10.0	60	0	155
NAG HAMADI	00	8	26	2	0	0	—	20.2	16.7	33	0	00	8	00	0	0	0	—	20.8	10.5	61	0	184
QENA	00	8	26	3	0	0	—	19.8	17.0	34	0	00	6	26	2	0	0	—	20.7	11.8	54	0	156
LUXOR	00	7	26	3	0	0	—	20.6	17.8	33	0	00	6	28	2	0	0	—	20.4	13.3	42	0	157
ASWAN	00	9	32	3	0	0	—	20.3	17.0	16	0	00	9	32	1	0	0	—	20.8	15.0	21	0	158
WESTERN DESERT																							
SIWA	02	7	26	2	1	7	4	21.5	15.5	81	0	00	—	00	0	0	0	—	21.1	12.0	76	0	148
BAHARIYA	00	9	32	1	0	0	—	18.6	19.0	46	0	00	—	00	0	0	0	—	20.8	11.0	75	0	149
KHARGA	00	9	30	2	0	0	—	19.1	17.0	39	0	00	9	32	1	0	0	—	20.6	14.2	50	0	151
DAKHLA	00	7	28	5	0	0	—	22.0	15.0	48	0	00	6	32	1	0	0	—	22.7	11.9	52	0	152
RED SEA																							
TOR	00	7	28	6	0	0	—	16.2	16.1	76	0	00	7	28	5	0	0	—	19.5	13.5	77	0	145
HURGHADA	01	8	02	4	1	4	8	18.0	17.1	46	0	00	9	30	4	0	0	—	17.6	16.5	47	0	146
QUSEIR	00	8	24	3	0	0	—	18.0	18.0	26	0	00	8	24	2	0	0	—	18.6	16.2	33	0	147
PORT SUDAN	02	7	14	7	8	5	4																168
NORTH SUDAN																							
WADI HALFA	00	7	02	4	1	3	4	20	17	20	0												165
KAREIMA	00	7	04	4	0	0	—	15	22	16	0												166
ATBARA	00	7	30	5	0	0	—	12	26	13	0												167
KHARTUM	00	7	31	4	8	0	—	12	27	13	0												169
KASSALA	01	8	02	4	1	3	4	6	33	32	0												170
CENTRAL SUDAN																							
WAD MEDANI	00	8	32	5	0	0	—	8	31	11	0												171
RENK	00	9	30	3	0	0	—	—	31	29	—												182
ROSEIRES	00	8	28	1	0	0	—	—	33	26	0												172
EL OBEID	00	8	32	4	0	0	—	10	27	23	0												174
EL FASHER	00	8	32	4	0	0	—	—	26	21	0												175
GENEINA	00	8	04	4	0	0	—	—	30	09	—												179
KADUGLI	01	7	04	4	1	4	1	8	33	10	—												187
S. SUDAN																							
MALAKAL	01	7	32	5	1	4	4	6	33	15	0												176
WAU	05	6	08	2	0	0	—	5	34	15	0												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 17th

Matruh	Mariut	Port Said	Almaza	Minya	Luxor	Hurghada	Wadi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakal	Juba
12 h.	13 h.	h. m.	h. m.	h. m.	13 h. m.	h. m.	13 h. 15 m.	h. m.	13 h. m.	13 h. m.	12 h. 30 m.	13 h. m.	h. m.
03 28 45	03 31 70				03 29 20		09 34 35		09 36 25	09 02 30	09 02 25	09 02 25	
06 29 50	06 30 60				06 31 20		15 32 35		15 27 10	15 02 35	15 05 35	15 05 30	
	09 31 65				09 32 30		21 29 40		21 31 20	21 02 45	21 04 20	21 04 20	
	12 31 70				15 34 30		27 29 40		24 31 20	27 03 35	27 02 20	24 05 20	
					21 36 30		30 28 60		30 31 25	33 23 25	33 36 20		
					27 36 35					39 27 15			

At 8h. on Monday 18th (الساعة ٨ يوم الإثنين 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.	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												—		—				76
MATRUH	00	9	22	2	5	0	—	16.3	-0.4	9.0	13	-5	5	-4	76	1	77	133
MARIUT	02	7	20	4	2	6	0	17		9	13	—	5	—	62	2	158	126
ALEXANDRIA	02	8	22	5	2	5	4	16.8	-0.5	9.0	13	-6	8	-3	70	tr	131	161
DAMIETTA	02	7	20	4	1	6	6	17.0	+0.5	9.5	11	—	4	—	80	2	55	83
PORT SAID	14	8	18	5	6	8	9	17.5	+1.2	7.4	12	-8	6	-6	79	6	42	58
EL ARISH																	—	64
LOWER EGYPT																		
DAMANHUR	02	6	20	4	1	5	4	16.0	-0.5	8.6	13	-8	6	-2	78	8	70	75
MANSURA	02	7	20	2	2	5	9	17.5	+0.9	7.2	12	-9	4	-4	80	5	25	36
TANTA	01	8	20	3	1	4	8	17.1	+0.1	6.0	12	-9	3	-4	85	1	46	29
ZAGAZIG	02	6	22	3	1	5	6	17.8	+0.5	6.9	14	-7	4	-3	79	tr	6	19
SHEBIN EL KOM	00	8	16	3	0	0	—	17.8	+0.4	7.1	13	—	3	—	88	1	14	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	18	4	0	3	4,5	18.8	+1.6	8.2	13	—	5	—	58	dr	2	—
CAIRO EZBEKIYA	05	6	16	5	0	0	—	19.5	+2.1	7.2	15	-6	6	-2	61	dr	2	17
CAIRO GIZA	05	6	14	3	0	0	—	19.8	+2.5	7.5	14	-7	4	-2	65	0	13	17
HELWAN	00	7	14	2	0	0	—	19.9	+2.1	6.7	13	-7	5	-4	58	dr	2	18
SUEZ	01	9	18	1	1	4	8	20.2	+3.4	14.1	16	-5	5	-5	44	0	—	11
UPPER EGYPT																		
FAIYUM	00	7	30	1	0	1	4	20.7	+3.5	4.5	14	-9	1	-6	60	0	8	6
MINYA	00	8	20	2	0	0	—	21.5	+2.7	9.0	18	-4	5	-2	60	0	dr	—
ASYUT	00	6	00	0	0	0	—	22.2	+3.6	7.5	18	-5	3	-4	65	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	22.0	+4.7	10.2	17	—	2	—	—	0	1	—
QENA	00	7	32	1	0	0	—	21.9	+5.2	8.4	18	-7	3	-5	65	0	13	—
LUXOR	00	7	28	2	0	0	—	21.9	+4.8	11.8	18	-8	1	-6	59	0	0	—
ASWAN	00	9	02	1	0	0	—	21.5	+3.8	10.0	18	-8	6	-5	49	0	dr	
WESTERN DESERT																		
SIWA	00	7	00	0	0	0	—	24.2	+5.3	7.5	17	-5	5	0	79	0	1	6
BAHARIYA	00	9	00	0	0	0	—	20.0	+2.0	10.0	20	-2	5	-2	80	0	0	6
KHARGA	00	9	32	1	0	0	—	19.9	+2.2	9.4	19	-6	3	-4	62	0	1	—
DAKHLA	00	7	32	1	0	0	—	22.6	+4.1	5.3	18	-7	2	-5	78	0	0	
RED SEA																		
TOR	00	7	04	3	0	0	—	20.4	+3.9	10.7	—	—	5	-5	51	0	0	11
HURGHADA	00	9	30	3	0	0	—	19.2	+3.2	15.5	20	-3	12	+2	54	0	1	3
QUSEIR	00	8	24	3	0	0	—	19.6	+3.9	13.8	20	-3	11	-4	47	0	11	4
PORT SUDAN	05	8	30	4	0	0	—	17		20					49	0	17	92
NORTH SUDAN																		
WADI HALFA	00	8	04	1	0	0	—	21		9					40	0	tr	—
KAREIMA	00	8	04	4	0	1	4	17		13					12	0	7	1
ATBARA	00	7	32	5	0	0	—	15		15					25	0	2	2
KHARTUM	00	5	27	4	0	0	—	14		19					19	0	3	4
KASSALA	00	8	04	3	0	2	1	10		23					61	0	31	8
CENTRAL SUDAN																		
WAD MEDANI	00	6	32	4	0	2	1	12		18					10	0	13	12
RENK	00	9	30	3	0	0	—	11		19		—		—	28	—	—	49
ROSEIRES	00	8	32	1	0	0	—	—		20					26	0	80	36
EL OBEID	00	8	32	4	0	0	—	15		16					42	0	44	16
EL FASHER	01	8	28	3	1	4	2	—	—	13					29	0	2	6
GENEINA	02	7	02	4	1	5	2	—	—	15		—		—	10	—	—	4
KADUGLI	02	6	04	4	1	5	1	12		20		—		—	15	—	—	10
S. SUDAN																		
MALAKAL	00	8	32	5	0	0	—	10		24					17	0	170	88
WAU	00	8	32	3	0	0	—	10		23					20	0	113	147
JUBA	05	6	00	0	1	7	2	9		25					54	0	188	154

Upper Winds are in the Code HHDDVV where HH is Height 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)

Matruh	Mariut	Port Said	Helwan	Minya	Asyut	Luxor	Aswan	Wadi Halfa	Abu Hamad	Kareima	Khartum
7 h. m.	7 h. m.	5 h. 30 m.	8 h. 45 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	7
03 25 50	03 26 45	03 24 55	02 18 20		02 28 05	03 03 10	02 02 10	09 03 40	09 01 40	09 05 40	09 03 60
06 29 55	06 24 35	06 24 40	05 21 35		05 30 20	06 02 15	05 02 20	15 05 15	15 04 35	15 03 25	15 02 30
09 27 50		09 25 35	08 23 40		10 32 35	09 25 20	10 02 20	21 27 25	21 31 05	21 29 30	21 02 20
15 28 50		15 22 35	10 23 35		15 30 35	15 33 30	15 28 05	27 28 40	27 28 55	24 29 35	24 01 15
18 28 55			15 25 35		20 30 45	21 29 35	20 28 15	33 27 70	33 27 65	30 28 35	
			20 27 50		25 28 50	30 28 55	26 27 45		39 26 50	39 24 50	
			23 28 55			36 26 45	30 27 55				
			25 27 70								
			26 28 50								

Kassala	Port Sudan	El Obeid	El Fasher	Geneina	Malakal
9 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. 15 m.
09 04 20	09 03 20	09 01 15	09 01 20		09 02 25
15 07 15	15 05 15	15 03 30	15 06 25		15 03 30
21 05 25	21 06 15	21 04 50	21 09 20		21 04 46
27 11 15	27 34 05	27 07 30	27 12 15		
33 09 20	33 01 20	30 06 20	33 07 05		
39 30 25			39 15 10		
			45 14 15		
			51 07 05		
			57 22 15		
			63 06 05		

CYPRUS SYNOPTIC 8h. ON 18th

1672x 019x0 20224 1107x xxxxx 05?xxx

UPPER AIR TEMP. ALMAZA AT G.M.T. ON

HEIGHT FEET	PPP m.b.	TT °F	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 17th	Diff from normal	Wet Bulb Temp °C on 17th	Diff from normal
Alexandria	44	-21	7.4	-4.2
Ezbekiya	57	-5	6.6	-4.2
Giza	55	-12	6.3	-4.3
Helwan	49	-2	5.2	-4.5

GIZA — GRASS MINIMUM TEMP ON 18th 1.8°C

CAIRO — WATER TEMP RIVER NILE AT 9h. ON 18th 13.7°C

Discharges at Aswan measured by sluices m³ per sec. — Date	1946	1945
18-2	1100	984
17-2	1157	984

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18			5.39	+0.14
Nâsser					
Malakâl		10.24	-0.22	10.24	-0.24
J. Aulia Res.				376.92	—
J. Aulia D.S				371.24	-0.08
Roseires		12.45	+0.49	12.16	+0.50
Sennar Res.				30.34	—
Khartûm		10.08	-0.29	10.14	-0.24
Kh. el Girba					
'Atbara		10.26	0.00	10.28	+0.01
Kajnarti		132.57	-0.30	132.59	-0.30
Aswân Res.		119.55	—	119.60	—
Aswân D.S		85.44	-0.62	85.54	-0.54
Roda (Cairo)	18	16.13	+0.56	16.18	+0.60

PRESENT WEATHER 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	
Variable sky	
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	
Drizzle	
Rain	6
Snow, sleet	
Showers	8
Thunderstorm	

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

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

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ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise h. 06 m. 22 — Sunset h. 17 m. 46 — Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on MONDAY 18th — الساعة ١٤ 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 PRESS M.S.L. 1000+ mbs. ppp	°C TEMP. ttt	% HUMIDITY uu	RAIN 8-14h. mms	STATION NUMBER
MEDITERRANEAN SALÛM												130
MATRÛH	05	6	26	5	1	7	9	13.6	17.8	63	0	131
MARIUT	18	5	22	6	0	0	—	14	17	46	0	150
ALEXANDRIA	00	6	20	6	3	0	—	13.4	15.8	54	0	132
DAMIETTA	14	7	20	5	1	4	6	13.2	16.2	47	0	159
PORT SAÏD	02	8	18	4	2	7	6	14.4	14.7	54	0	134
EL 'ARÎSH												135
LOWER EGYPT DAMANHÛR	01		28	6	1	4	8	13.5	17.2	45	0	136
MANSÛRA	01	8	20	2	1	4	0	14.0	17.0	40	0	137
TANTA	08	8	20	7	1	0	—	14.2	18.0	36	0	138
ZAGAZIG	02	6	22	3	1	5	8	14.8	16.8	41	0	139
SHEBÎN EL KÔM	00	7	22	7	0	1	8	16.0	18.6	31	0	—
MIDDLE EGYPT CAIRO ALMAZA	01	7	22	5	0	4	8	15.3	18.0	22	0	141
CAIRO EZBEKÎYA	05	7	18	5	1	4	8	15.9	18.8	31	0	—
CAIRO GÎZA	01	7	22	3	1	4	8	15.8	18.9	29	0	—
HELWÂN	00	8	20	5	0	3	8	16.4	18.6	28	0	143
SUEZ	01	9	14	2	1	3	3	16.7	16.3	38	0	144
UPPER EGYPT FAIYÛM	01	8	24	4	1	3	8	17.1	18.8	25	0	153
MINYA	00	9	24	2	0	0	—	17.8	20.0	31	0	154
ASYÛT	00	7	20	1	0	0	—	18.0	17.1	34	0	155
NAG HAMÂDI	00	8	32	1	0	0	—	18.3	18.1	32	0	164
QENA	01	8	22	2	0	3		17.9	19.0	38	0	156
LUXOR												157
ASWÂN	00	9	30	2	0	0	—	17.5	18.8	20	0	158
WESTERN DESERT SÎWA	02	6	26	4	1	7	4	19.2	20.0	72	0	148
BAHARÎYA	00	9	32	1	0	0	—	18.7	19.0	54	0	149
KHÂRGA	00	9	32	1	0	0	—	19.5	17.2	33	0	151
DAKHLA	00	8	28	2	0	0	—	19.5	17.8	47	0	152
RED SEA TÛR	00	7	28	3	0	0	—	18.6	16.9	81	0	145
HURGHADA	01	6	02	4	1	4	8	18.0	17.1	46	0	146
QUSEIR	00	8	04	2	0	0	—	18.6	19.0	43	0	147
PORT SUDAN	00	7	02	4	0	2	6	13	24	47		389
NORTH SUDAN WADI HALFA	00	8	02	4	0	2	6,1	17	19	21		165
KAREIMA	02	7	04	4	1	5	1	13	25	16		166
'ATBARA	02	8	32	3	1	8	2	9	28	13		167
KHARTOUM	02	8	32	3	1	6	2	8	29	12		469
KASSALA	02	8	04	4	1	6	2	3	34	29		170
CENTRAL SUDAN WAD MEDANI	02	8	32	4	1	7	1	5	33	19		171
RENK	00	9	28	3	0	0	—	—	32	22		182
ROSEIRES	00	8	30	2	0	0	—	5	35	25		172
EL OBEID	02	8	02	5	1	6	2	8	28	19		174
EL FÂSHER	02	8	02	2	1	6	2	—	28	14		175
GENEINA												179
KADUGLI	02	7	04	4	1	5	1	6	33	10		187
S. SUDAN MALAKÂL	00	7	04	2	0	0	—	4	34	18		176
WÂU	01	7	08	2	1	4	1,2	5	33	14		177
JUBA	05	7	30	2	1	5	2	3	37	20		178

At 20h. on MONDAY 18th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. ppp	°C TEMP. ttt	% HUMIDITY uu	RAIN 14-20h. mms
MEDITERRANEAN MATRÛH	00		24	2	2	5	8	13.1	13.8	87	0
MARIUT	18	6	25	5	2	4	6	13	16	59	0
ALEXANDRIA	03	5	30	7	2	8	4,5	13.2	15.2	66	0
DAMIETTA	14	5	20	5	2	7	8	10.2	13.0	57	0
PORT SAÏD	03	8	16	4	2	8	6	11.9	13.0	57	0
EL 'ARÎSH	00	7	00	0	0	—	—	11.5	12	70	0
LOWER EGYPT DAMANHÛR	00	5	28	5	1	0	—	12.4	13.0	68	0
MANSÛRA	00	6	20	2	1	0	—	13.2	12.3	60	0
TANTA	02	8	20	3	1	5	8	14.3	12.8	68	0
ZAGAZIG	01	6	22	3	1	3	6	14.7	12.1	65	0
SHEBÎN EL KÔM	00	7	22	3	0	0	—	15.5	13.0	49	0
MIDDLE EGYPT CAIRO ALMAZA	00	8	22	2	0	0	—	14.6	14.2	28	0
CAIRO EZBEKÎYA	00	7	20	2	0	0	—	15.8	13.9	48	0
CAIRO GÎZA	00	6	22	2	0	0	—	15.2	12.8	45	0
HELWÂN	00	7	00	0	0	0	—	15.5	12.6	39	0
SUEZ	00	9	18	1	0	0	—	15.9	15.7	38	0
UPPER EGYPT FAIYÛM	00	7	24	1	0	0	—	18.6	13.1	94	0
MINYA	00	8	24	2	0	0	—	18.8	11.8	87	0
ASYÛT	00	8	00	0	0	0	—	18.9	10.8	80	0
NAG HAMÂDI	00	8	00	0	0	0	—	19.9	8.9	92	0
QENA	01	6	26	2	1	3	1	17.9	12.4	61	0
LUXOR		6	28	2	0	0	—	18.4	12.6	57	0
ASWÂN	00	9	32	1	0	0	—	18.6	15.4	29	0
WESTERN DESERT SÎWA			22	2	0	0	—	17.0	14.0	78	0
BAHARÎYA	00		00	0	0	0	—	21.0	11.0	69	0
KHÂRGA	00	9	32	1	0	0	—	19.5	13.5	58	0
DAKHLA	00	6	24	1	0	0	—	19.9	10.8	48	0
RED SEA TÛR	00	7	28	2	0	0	—	17.0	17.2	68	0
HURGHADA	00	9	28	3	0	0	—	17.8	16.5	53	0
QUSEIR	00	8	32	2	0	0	—	17.2	15.7	46	0
PORT SUDAN											
NORTH SUDAN WADI HALFA											
KAREIMA											
'ATBARA											
KHARTOUM											
KASSALA											
CENTRAL SUDAN WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
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 18th — الرياح العليا يوم

MATRÛH	MARIUT	PORT SAÏD	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTOUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	12 h. m.	13 h. m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
				03 26 15	03 35 15		09 03 30	09 03 25		09 03 30	09 05 15	09 02 35	09 03 10
				06 25 10	06 35 15		15 21 40	15 05 05		15 04 15	15 00 35	15 03 25	15 09 10
				09 26 15	09 35 05		21 29 35	21 29 20		21 09 20	21 03 35	21 06 35	21 13 20
				15 27 25	15 30 20		27 27 55	04 29 30		27 03 00	27 00 00	27 10 15	27 12 40
				21 27 50	21 26 35		33 27 30	30 28 40		33 00 00	33 36 15	33 03 15	33 12 35
				30 27 55	30 27 —		39 27 55			39 05 30		39 16 15	39 19 35
				42 26 45								51 13 10	51 09 35
												60 11 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	64	— 1	9.0	— 2.6
Ezbekiya	48	— 14	8.1	— 2.3
Giza	50	— 17	7.9	— 2.8
Helwân	43	— 7	6.6	— 3.1

GIZA — GRASS MINIMUM TEMP. ON 19th 5.6° C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON 19th 14.0° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				12.63	— 0.67
Nâsser				5.37	+ 0.13
Malakâl		10.23	— 0.21	10.24	— 0.22
J. Aulia Res.				326.97	
J. Aulia D.S				321.10	— 0.21
Roseires	18	12.14	+ 0.449	12.15	+ 0.449
Sennar Res.				20.31	
Khartûm				10.26	— 0.29
Kh. el Girba	19				
'Atbara				10.26	0.00
Kajnarti		132.57	— 0.25	132.57	0.30
Aswân Res.		119.52		119.55	
Aswân D.S		85.99	— 0.30	85.99	— 0.62
Roda (Cairo)		16.11	+ 0.39	16.13	+ 0.25

Discharges at Aswân measured by sluices m³ per sec.	DATE 19-2	1946 1042	1945 994
	13-2	1100	984

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

At 8h. on TUESDAY 19th — الساعة ٨ يوم الثلاثاء 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	BAR PRESSURE 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 1 Oct. mms	RAINFALL Norm From 1 Oct. mms	STATION NUMBER
MEDITERRANEAN SALÛM																			76
MATRÛH	01	9	24	2	1	4	8	14.6	— 2.1	11.4	18	0	7	— 2	87	0	77	134	131
MARIUT	01	7	21	3	8	3	8,4,5	14		12	18	—	10	—	76	3	161	126	150
ALEXANDRIA	02	8	22	4	6	5	8	14.6	— 2.6	13.0	16	— 3	9	— 2	86	3	134	162	132
DAMIETTA	61	6	20	2	6	8	6	14.7	— 1.8	10.0	16	—	7	—	78	2	57	84	159
PORT SAÏD	03	8	18	4	2	8	9	14.8	— 1.4	10.7	16	— 4	7	— 5	61	0	42	52	134
EL 'ARÎSH	02	7	00	0	0	6	4	16.6	— 0.7	12.3	17	— 3	8	0	83	0		65	135
LOWER EGYPT DAMANHÛR	01	6	24	3	1	4	8	14.6	— 1.9	10.2	17	— 4	8	0	81	0	70	75	136
MANSÛRA	03	7	20	2	2	8	9	14.8	— 1.8	10.0	18	— 3	8	0	72	0	25	37	137
TANTA	02	8	20	2	1	5	8	15.0	— 1.2	9.2	19	— 2	7	0	84	0	46	29	138
ZAGAZIG	02	6	22	3	1	5	6	15.0	— 2.2	9.9	18	— 3	7	0	73	0	6	19	139
SHEBÎN EL KÔM	01	7	22	3	0	4	8	14.7	— 2.7	10.2	20	—	6	—	62	0	14	—	—
MIDDLE EGYPT CAIRO ALMAZA	01	8	20	3	1	4	6	16.2	— 1.2	11.7	18	—	10	—	43	0	2	—	141
CAIRO EZBEKÎYA	05	6	14	3	1	5	4,5	16.7	— 0.7	10.1	20	— 2	9	0	53	0	2	12	—
CAIRO GÎZA	01	7	10	2	1	4	4,5	16.8	— 0.5	11.0	20	— 1	7	+ 1	56	0	13	17	—
HELWÂN	00	7	14	3	0	2	8	17.4	— 0.3	9.8	18	— 2	8	— 1	45	0	2	18	143
SUEZ	02	9	18	2	2	5	5	17.0	+ 0.2	16.8	19	— 2	13	+ 3	34	0	—	11	144
UPPER EGYPT FAIYÛM	00	7	18	2	0	2	4	17.5	+ 0.3	8.5	19	— 4	6	— 2	54	0	8	6	153
MINYA	00	8	16	2	0	0	—	17.6	— 0.2	10.2	21	— 1	7	0	56	0	dr.	—	154
ASYÛT	00	7	12	1	0	0	—	17.2	+ 0.7	8.8	20	— 3	4	— 3	56	0	0	4	155
NAG HAMÂDI	00	8	00	0	0	0	—	18.2	+ 1.4	10.8	19	—	2	—	60	0	1	—	164
QENA	05	7	26	2	1	0	—	19.1	+ 2.5	8.4	20	— 6	2	— 5	76	0	13	—	156
LUXOR	00	7	28	2	0	0	—	19.0	+ 1.9	11.0	21	— 6	2	— 5	52	0	0	—	157
ASWÂN	01	9	02	1	1	3	4	17.8	+ 0.2	10.0	19	— 7	6	— 6	47	0	dr.		158
WESTERN DESERT SÎWA	00	7	20	2	0	0	—	17.9	— 1.0	9.0	20	— 2	7	+ 2	89	0	1	6	148
BAHARÎYA	00	9	32	1	0	0	—	19.5	+ 1.6	11.0	20	— 3	6	— 1	75	0	0	6	149
KHÂRGA	00	9	00	0	0	0	—	19.6	+ 1.9	10.0	20	— 5	3	— 5	49	0	1	—	151
DAKHLA	00	7	02	1	0	0	—	21.1	+ 2.6	7.3	19	— 6	2	— 5	60	0	0		152
RED SEA TÛR	00	7	04	3	0	0	—	17.8	+ 1.4	9.1	17	— 5	7	— 3	88	0	0	11	145
HURGHÂDA	01	8	36	2	1	4	8			16.1	21	— 2	12	+ 2	55	0	1	3	146
QUSEIR	00	8	24	4	0	0	—	16.4	+ 0.7	16.0	20	— 3	12	— 3	54	0	11	4	147
PORT SÛDAN	03	8	30	3	1	8	6	15		21					61	0	17	92	389
NORTH SUDAN WÂDI HALFA	00	8	04	3	0	3	4	16		12					26	0	tr.	—	165
KAREIMA	01	8	02	2	1	3	1	14		15					20	0	7	1	166
'ATBARA	01	8	32	3	1	4	1	12		14					37	0	2	2	167
KHARTÛM	00	7	30	2	2	2	1	12		19					23	0	3	4	469
KASSALA	02	8	00	0	1	7	2	9		21					65	0	31	8	170
CENTRAL SUDAN WAD MEDANI	02	8	32	3	1	7	1	11		19					40	0	13	12	171
RENK	00	9	30	3	0	0	—	9		22	—	—	—	—	25	—	—	49	182
ROSEIRES	00	8	32	1	0	0	—	10		22					38	0	20	36	172
EL OBEID	01	8	30	3	0	4	1,2	12		17					37	0	44	16	174
EL FÂSHER	01	8	02	3	1	4	1			16					28	0	2	6	175
GENEINA											—	—	—	—				4	179
KADUGLI	02	7	04	3	1	5	1	11		23	—	—	—	—	13	—	—	90	187
S. SUDAN MALAKÂL	00	8	32	3	0	0	—	9		24					17	0	170	18	176
WÂU	00	7	08	1	0	0	—	9		25					48	0	113	108	177
JUBA	05	6	22	2	0	1	8	9		28					29	0	188	154	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 19th — الرياح العليا يوم

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTOUM
7 h. m.	7 h. 15 m.	7 h. 15 m.	9 h. 30 m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	6 h. 45 m.
03 28 30	03 26 20	03 26 20	02 17 20			03 36 15	02 36 20	09 02 35	09 05 40	09 03 15	09 04 40
06 28 35	06 26 35	06 24 30	05 21 30			06 01 25	05 01 40	15 12 45	15 35 10	15 26 15	15 36 15
09 28 35	09 26 40	09 24 30	08 26 40			09 01 20	10 01 10	21 21 40	21 23 20	21 22 20	21 01 15
12 29 35	12 26 40	12 25 20	10 26 45			15 19 15	15 33 05	27 22 30	27 23 25	27 24 30	27 36 10
15 29 40	15 28 40		15 25 55			21 23 20	20 22 10	30 25 45	33 23 25	30 26 30	30 07 05
21 26 45			10 25 35			27 25 40			39 24 20	39 24 40	39 19 20
27 27 30						30 25 35					

KASSALA	PORT SÛDAN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	7 h. 15 m.	7 h. 30 m.	6 h. 30 m.	h. m.	7 h. m.
09 09 10	09 04 15	09 02 25	09 03 25		09 03 45
15 05 30		15 04 55	15 35 10		15 05 45
21 06 25		21 07 15	21 09 10		21 02 15
27 07 20		27 09 15	27 08 05		27 02 05
33 07 20		33 15 10	33 15 15		06 26 15
39 06 05					

UPPER AIR TEMP ALMAZA AT 4h GMT ON 19th

HEIGHT FEET	P.P.P. m.b.	T.T. °C	T.T. °F
Surface	1008	5.1	41.2
500	990	5.2	41.4
1000	972	5.0	41.2
1500	954	5.1	41.3
2000	937	4.9	40.8
4000	871	4.2	39.6
6000	808	3.1	37.6
8000	749	2.9	37.2
10000	693	2.6	36.7
12000	641	2.0	35.6
14000	592	1.4	34.5
16000	546	0.7	33.3

CYPRUS SYNOPTIC 8h. ON 19th

34788	03788	24328	10099	88888	
34980	01065	32115	10050	30410	00001

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

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

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	1
2, 3 Tenths	2
4, 5, 6 Tenths	4
7, 8 Tenths	7
9 Tenths	9
Over 9 Tenths	9
Overcast	9
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 6 h. 37 m.
Sunset 17 h. 47 m.

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on TUESDAY 19th (الساعة ١٤ يوم 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 h. 8-14 mms
Mediterranean											
SALÛM											
MATRÛH	01	9	28	4	1	4	8	14.7	15.6	77	0
MARIUT	00	7	23	4	1	2	8	14	17	60	0
ALEXANDRIA	01	8	20	4	2	4	8	14.3	16.4	60	0
DAMIETTA	51	7	26	3	5	7	9	13.9	14.9	78	dr.
PORT SA'ÎD	01	8	22	4	5	5	6	13.5	17.2	58	dr.
EL 'ARÎSH											
Lower Egypt											
DAMANHÛR	01	7	28	5	1	4	8	14.2	17.5	61	0
MANSÛRA	02	8	20	3	2	5	8	14.0	18.0	50	0
TANTA	02	8	24	6	2	6	8	13.9	18.5	50	0
ZAGAZIG	50	6	22	5	2	7	7	13.9	18.8	49	dr.
SHEBÎN EL KÔM	02	7	22	4	1	5	9	13.4	18.6	48	0
Middle Egypt											
CAIRO ALMÂZA	25	8	24	4	5	6	8,9,6	14.5	18.5	31	dr.
CAIRO EZBEKÎYA	05	7	22	4	8	5	8	14.8	18.8	37	dr.
CAIRO GÎZA	05	7	22	3	1	5	8	15.0	18.1	41	0
HELWÂN	50	9	20	4	5	7	9	14.8	18.0	32	dr.
SUEZ	02	9	18	2	2	6	5	15.9	19.8	28	0
Upper Egypt											
FAIYÛM	02	7	26	4	2	5	6	15.5	20.0	31	0
MINYA	01	9	14	2	1	4	8	17.1	21.5	28	0
ASYÛT	00	8	28	1	0	0	—	16.8	18.3	33	0
NAG' HAMÂDI	02	8	24	2	2	5	5	16.7	18.8	25	0
QENA	01	8	22	3	0	4	3	15.1	20.8	31	0
LUXOR	01	7	30	2	1	4	2	16.4	20.0	32	0
ASWÂN	02	9	32	2	1	5	1	15.2	19.9	15	0
Western Desert											
SÎWA	00	6	28		0	0	—	18.4	20.0	64	0
BAHARÎYA	01	9	32	1	1	4		17.6	17.0	52	0
KHÂRGA	01	9	28	1	1	4	2	17.1	20.1	23	0
DÂKHLA	00	8	28	4	0	0	—	16.7	19.2	40	0
Red Sea											
TÔR	00	7	28	4	0	0	—	17.2	19.1	39	0
HURGHÂDA	01	8	02	4	1	4	8	—	—	52	0
QUSEIR	00	8	32	2	0	0	—	14.7	21.2	42	0
PORT SÛDÂN	03	8	02	2	2	8	6	12	23	69	
North Sûdân											
WÂDI HALFA	06	8	02	4	1	2	4,1	15	22	20	
KAREIMA	02	8	02	3	1	5	2	11	28	13	
'ATBARA	01	8	02	2	1	4	1	8	30	22	
KHARTÛM	02	8	30	3	2	5	2	7	32	13	
KASSALA	02	8	30	1	1	5	1,2	4	35	30	
Central Sûdân											
WAD MEDANI	00	8	32	3	1	0	—	8	34	18	
RENK	00	9	28	3	0	0	—	—	32	26	
ROSEIRES	00	8	04	1	0	0	—	6	37	27	
EL OBEID	01	8	06	3	1	4	1,2	6	32	29	
EL FÂSHER	01	8	00	0	1	5	2	—	31	19	
GENEINA	02	7	28	2	1	5	2	—	34	12	
KADUGLI	01	8	04	3	1	3	2	6	36	17	
S. Sûdân											
MALAKÂL	00	8	28	1	0	0	—	4	37	19	
WÂU	00	7	00	0	0	1	4	4	36	13	
JUBA	00	7	02	2	0	0	—	4	38	18	

At 20h. on 19th (الساعة ٢٠ يوم الثلاثاء 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 h. 14-20 mms	Station Number
SALÛM												130
MATRÛH	00		24	1	1	0	—	17.6	12.2	84	0	131
MARIUT	00	7	25	4	0	3	6	15	15	59	0	150
ALEXANDRIA	01	5	26	5	2	5	8	16.0	15.0	60	0	132
DAMIETTA	00	7	20	2	5	0	—	14.7	12.2	79	1	159
PORT SA'ÎD	00	8	20	3	0	0	—	15.1	13.2	80	0	134
EL 'ARÎSH												135
DAMANHÛR	00	6	24	3	1	0	—	15.4	11.8	86	0	136
MANSÛRA	00	6	24	1	1	0	—	15.8	11.3	84	0	137
TANTA	00	8	22	3	6	0	—	15.6	10.0	87	1	138
ZAGAZIG	02	6	22	3	1	5	6	14.4	12.1	76	0	139
SHEBÎN EL KÔM	00	7	22	3	2	0	—	14.4	12.8	67	0	—
CAIRO ALMÂZA	01	8	26	2	2	3	8,4	16.9	14.7	55	dr.	141
CAIRO EZBEKÎYA	01	7	26	1	8	3	8	17.0	14.6	65	dr.	—
CAIRO GÎZA	00	6	28	1	5	0	—	17.1	13.7	63	dr.	—
HELWÂN	21	7	26	1	5	3	6	17.2	14.5	53	dr.	143
SUEZ	00	9	26	1	0	0	—	17.4	16.1	40	0	144
FAIYÛM	02	7	26	5	5	5	6	17.5	15.1	46	dr.	153
MINYA	00	8	16	1	1	0	—	18.3	14.3	44	0	154
ASYÛT	00	6	22	1	0	0	—	19.0	11.5	56	0	155
NAG' HAMÂDI	01	8	00	0	1	4	5	18.6	11.2	67	0	164
QENA	01	6	22	2	1	5	4	18.2	15.0	41	0	156
LUXOR	00	6	28	2	0	0	—	18.2	15.8	42	0	157
ASWÂN	02	9	30	2	1	5	1	17.4	17.6	23	0	158
SÎWA	00		00	0	0	0	—	19.1	14.0	78	0	148
BAHARÎYA	00		00	0	0	0	—	18.2	12.0	71	0	149
KHÂRGA	00	9	32	1	0	0	—	17.9	14.5	42	0	151
DÂKHLA	00	6	32	2	0	0	—	20.4	10.2	46	0	152
TÔR	00	7	28	4	0	0	—	17.4	12.3	65	0	145
HURGHÂDA	00	9	26	2	0	0	—	17.0	17.5	44	0	146
QUSEIR	00	8	28	2	0	0	—	16.3	17.7	47	0	147
PORT SÛDÂN												248
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												249
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 are in the Code HHDDVV where HH is Height 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 19th

Matrûh 12 h.	Mariut	Port Sa'îd	Almâza	Minya	Luxor 13 h.	Hurghâda	Wâdi Halfa 13 h. 18 m.	Kareima	Khartûm 13 h.	Kassala 13 h.	El Obeid 13 h.	Malakal 13 h.	Geneina 13 h.
03 27 25					03 34 15		09 35 25		09 02 15	09 35 10	09 05 15	09 05 10	09 32 15
06 28 35					06 32 15		15 25 30		15 02 15	15 35 10	15 04 10	15 15 10	15 31 15
09 28 30					09 30 20		21 25 55		21 01 15	21 18 05	21 04 25	21 20 20	21 23 10
12 28 35					15 26 25		27 25 70		30 36 20	33 07 10	33 03 50	33 27 15	27 17 20
15 29 40					21 24 45		30 25 65			39 14 10		39 06 15	33 16 30
18 28 40					30 24 70								39 19 25
21 27 35					39 23 80								
24 28 40													
27 29 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
	20.2	984	984
	19.2	1042	984

Station	Mean of day: Humidity % on 19th	Diff from normal	Wet Bulb Temp °C on 19th	Diff from normal
Alexandria	69	+ 4	11.7	+ 0.1
Ezbekîya	53	− 9	9.8	− 1.1
Gîza	55	− 12	9.8	− 1.0
Helwân	44	− 6	8.7	− 1.1

GÎZA — Grass minimum temp. on 20th 3.6 °C

CAIRO — Water temp. River Nile at 8h. on 20th 14.0 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâşser				5.37	+ 0.15
Malakâl		10.21	− 0.21	10.23	− 0.21
J. Aulia Res.				377.11	
J. Aulia D.S				371.01	− 0.28
Roşeires	20th	12.13	+ 0.49	12.14	+ 0.49
Sennar Res.				20.28	
Khartûm				16.04	− 0.32
Kh. el Girba					
'Atbara		10.18	− 0.06	10.11	− 0.09
Kajnarti		132.56	− 0.25	132.59	− 0.25
Aswân Res.		119.50		119.52	
Aswân D.S		85.24	− 0.78	85.30	− 0.70
Roda (Cairo)				16.11	+ 0.54

At 8h. on WEDNESDAY 20th (الساعة ٨ يوم الاربعاء 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	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												—		—				77
MATRÛH	01	9	20	2	0	3	8	20.2	+3.5	11.8	17	−1	9	0	85	0	77	135
MARIUT	01	7	20	3	0	4	8,2,6	19		15	17	—	14	—	68	0	161	127
ALEXANDRIA	02	8	28	4	2	5	8	19.5	+2.4	15.6	17	−2	12	+1	60	0	134	163
DAMIETTA	01	7	20	2	6	4	4,6	19.4	+2.9	11.0	17	—	10	—	94	3	60	85
PORT SA'ÎD	03	8	18	4	5	8	9	19.4	+3.2	11.3	18	−2	10	−2	87	tr.	42	59
EL 'ARÎSH																		65
Lower Egypt																		
DAMANHÛR	01	5	28	3	1	5	8	19.5	+3.0	10.6	19	−2	7	−1	91	0	70	76
MANSÛRA	01	8	28	1	1	4	6	19.6	+3.0	10.8	19	−2	7	−1	81	0	25	37
TANTA	00	8	24	2	0	0	—	20.4	+3.5	10.0	19	−2	6	−1	94	1	47	30
ZAGAZIG	00	6	22	2	0	0	—	20.3	+3.1	9.8	21	0	6	−1	82	dr.	6	19
SHEBÎN EL KÔM	00	8	22	3	0	0	—	19.4	+2.1	8.6	21	—	7	—	81	0	14	—
Middle Egypt																		
CAIRO ALMAZA	00	7	20	2	0	2	4	20.7	+3.4	11.0	19	—	7	—	63	dr.	2	—
CAIRO EZBEKÎYA	05	5	14	3	0	0	—	21.1	+3.8	9.8	20	−2	9	0	73	dr.	2	17
CAIRO GÎZA	05	6	12	1	0	0	—	21.1	+3.8	10.7	20	−1	7	+1	77	dr.	13	18
HELWÂN	00	7	00	0	0	0	—	21.2	+3.6	10.2	19	−2	8	−1	71	dr.	2	11
SUEZ	01	9	12	1	1	4	2	21.5	+4.9	13.7	21	0	9	−1	67	0		12
Upper Egypt																		
FAIYÛM	01	7	00	0	1	3	6	21.9	+4.8	8.5	21	−2	6	−2	73	dr.	1	6
MINYA	00	9	16	2	0	0	—	22.8	+5.1	12.1	23	+1	7	0	65	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	22.7	+4.3	11.5	20	−3	7	0	48	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	22.2	+5.0	11.9	20	—	5	—	54	0	1	—
QENA	05	7	22	2	1	0	—	21.9	+5.4	12.2	22	−4	5	−3	59	0	13	—
LUXOR												—		—				
ASWÂN	00	9	30	1	0	0	—	21.8	+4.3	11.8	20	−6	7	−5	26	0	dr.	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	21.9	+3.1	10.0	20	−2	7	+1	91	0	1	6
BAHARÎYA	00	9	00	0	0	0	—	22.4	+4.5	10.2	19	−4	6	−1	72	0	0	6
KHÂRGA	00	9	32	1	0	0	—	22.6	+5.0	10.8	21	−4	5	−3	45	0	1	—
DÂKHLA	00	7	24	1	0	0	—	23.2	+4.8	8.2	21	−4	5	−2	60	0	0	—
Red Sea																		
TÔR	00	7	04	3	0	0	—	20.7	+4.3	14.7	22	0	8	−2	49	0	0	11
HURGHÂDA	00	9	30	3	0	0	—			16.2	22	−1	13	+3	54	0	1	3
QUSEIR	00	8	26	3	0	0	—	19.0	+3.4	16.5	23	0	14	−1	30	0	11	4
PORT SÛDÂN	02	8	28	4	2	7	6	17		22					69	0	17	92
North Sûdân																		
WÂDI HALFA	01	8	02	2	1	5	4	22		13					38	0	tr.	—
KAREIMA	01	8	04	4	1	4	1,2	18		16					12	0	2	1
'ATBARA	01	7	30	4	1	5	2	15		18					17	0	2	2
KHARTÛM	01	7	32	3	1	3	1	15		20					15	0	3	4
KASSALA	02	8	18	1	1	5	4	11		23					69	0	31	8
Central Sûdân																		
WAD MEDANI	00	9	32	3	0	0	—	13		21					53	0	13	12
RENK	00	9	30	3	0	0	—	11		23		—		—	41	—	—	49
ROSEIRES	00	8	32	1	0	0	—	13		23					41	0	80	36
EL OBEID	00	8	30	4	0	3	1,2	13		18					37	0	144	16
EL FÂSHER	01	8	04	3	1	3	1,2	—	—	17					28	0	[illegible]	1
GENEINA	01	8	04	4	1	5	2	—	—	18		—		—	12	0	—	4
KADUGLI	02	8	04	3	1	5	4	12		23		—		—	29	—	—	90
S. Sûdân																		
MALAKÂL	01	8	32	5	1	4	4,1	11		27					66	0	170	88
WÂU	05	6	02	2	0	3	4	9		25					30	0	113	148
JUBA	81	8	06	1	8	6	7,4,5	11		26					45	tr.	188	155

Upper Winds are in the Code HHDDVV where HH is Height 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 (الرياح العليا يوم ٢٠)

Matrûh 7 h.	Mariut 7 h. 15 m.	Port Sa'îd 7 h. 15 m.	Helwân 8 h. 45 m.	Minya	Asyût	Luxor 7 h. 15 m.	Aswân 7 h.	Wâdi Halfa 7 h. 15 m.	Abu Hamad 7 h.	Kareima 7 h. 15 m.	Khartûm 7 h.
03 28 20	03 32 10	03 28 25	02 16 25			03 35 20	02 35 45	09 02 50	09 01 55	09 02 60	09 07 55
06 31 25	06 29 30	06 30 30	05 22 10			06 35 35	06 36 25	15 36 40	15 02 25	15 01 25	15 34 40
09 31 30	09 30 30	09 30 30	08 28 20			09 34 40	10 01 45	21 32 35	21 28 35	21 36 20	21 20 20
15 31 30	12 30 30		10 30 25			15 34 30	15 01 30	27 29 60	27 27 50	24 02 30	24 27 10
21 31 40	15 30 35		15 31 25			21 32 25	20 35 10	33 27 105		30 33 40	30 27 15
24 32 45	[illegible]		20 31 30			30 30 25	25 31 10	39 26 105		39 29 25	39 20 25
27 32 40			23 30 40			36 25 25	30 29 15				
			30 31 45								
			38 30 15								

Kassala 7 h.	Port Sûdân 7 h. 15 m.	El Obeid 7 h. 15 m.	El Fâsher	Geneina 7 h.	Malakal
09 04 20	06 02 35	09 02 45		09 05 45	
15 03 40		15 04 60		15 08 20	
21 01 45		21 07 50		21 14 10	
27 35 15		27 07 35		24 18 15	
33 15 15		33 35 15			
39 14 15					

Cyprus synoptic 8h. on 20th

34713 01953 28262 14090 70101 01541
34900 01893 32313 14090 30316 40051

Upper air temp. Almâza at 23h G.M.T. on 19th

Height feet	P.P.P. m.b.	TT °F	tt °F
Surface	1009	52	47
500	990	53	49
1000	972	51	46
1500	954	50	45
2000	937	48	44
4000	871	41	37
6000	808	30	30
8000	749	30	27
10000	693	25	21
12000	641	20	17
14000	592	13	12
16000	546	6	6

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	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 k.m.s.	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

1417 F.G.

DAILY WEATHER REPORT

Time of Sunrise 06 h. 30 m.
Sunset 17 h. 48 m.

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on WEDNESDAY 20th (الساعة ١٤ يوم الأربعاء ٢٠) / At 20h. on (الساعة ٢٠ يوم الأربعاء ٢٠)

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	01	9	32	1	1	5	8	19.6	17.2	72	0	01	—	00	0	1	3	8	20.6	14.0	85	0	131
	MARIUT	01	7	23	3	1	4	6,8	20	19	52	0	00	7	00	0	0	0	—	21	13	77	0	150
	ALEXANDRIA	02	9	28	2	2	5	8	20.2	18.6	64	0	00	5	00	0	0	0	—	21.6	14.4	72	0	132
	DAMIETTA	00	8	28	3	1	3	8	19.5	17.4	57	0	00	7	26	2	1	2	4	20.8	11.4	91	0	159
	PORT SAÎD	00	8	26	3	0	3	8	19.5	18.6	60	0	00	8	30	3	0	0	—	20.8	12.8	94	0	134
	EL 'ARÎSH	00	7	20	—	0	0	—	18.7	—	52	0	00	7	00	0	0	0	—	—	11.2	83	0	135
Lower Egypt	DAMANHÛR	01	7	28	3	1	5	8	19.5	17.8	68	0	00	6	32	2	1	0	—	20.6	13.0	68	0	136
	MANSÛRA	01	8	28	1	1	4	8	19.8	18.8	54	0	00	6	04	1	1	0	—	21.4	14.4	80	0	137
	TANTA	02	8	28	2	2	6	8	20.0	20.0	59	0	00	8	00	0	1	0	—	21.8	12.5	89	0	138
	ZAGAZIG	02	6	24	2	2	6	6	19.6	18.2	67	0	02	6	22	3	1	5	—	21.1	14.5	84	0	139
	SHEBÎN EL KÔM	01	8	28	3	1	4	8	19.0	21.0	44	0	00	8	22	2	1	0	—	20.5	13.1	83	0	—
Middle Egypt	CAIRO ALMÂZA	01	7	26	2	1	4	6	20	19	37	0	00	7	05	1	0	0	—	21.2	15.6	56	0	141
	CAIRO EZBEKÎYA	01	8	26	2	1	4	8	20.2	20.7	41	0	00	7	02	1	0	0	—	21.4	15.7	74	0	—
	CAIRO GÎZA	01	8	30	1	1	4	8	20.0	20.5	42	0	00	5	00	0	0	0	—	21.5	12.2	72	0	—
	HELWÂN	01	8	24	2	1	4	8	20.2	19.3	39	0	00	7	00	0	0	0	—	21.4	16.0	45	0	143
	SUEZ	01	9	14	1	1	4	2	20.0	19.2	47	0	00	9	00	0	0	0	—	21.6	16.1	66	0	144
Upper Egypt	FAIYÛM	01	8	00	0	1	3	6	20.8	18.4	42	0	00	7	24	1	0	0	—	21.4	13.1	66	0	153
	MINYA	01	9	30	2	1	4	8	20.8	20.0	38	0	00	8	28	1	0	0	—	20.4	15.3	55	0	154
	ASYÛT	00	8	32	1	0	0	—	20.3	19.7	40	0	00	6	22	1	0	0	—	21.2	14.0	62	0	155
	NAG HAMÂDI	00	8	32	2	0	0	—	19.4	21.9	36	0	00	8	00	0	0	0	—	20.8	13.1	73	0	164
	QENA	01	8	22	3	1	4	2	18.7	22.0	40	0	01	6	22	2	1	3	1	21.5	15.6	59	0	156
	LUXOR	00	7	22	2	0	0	—	19.4	24.0	33	0	00	6	28	1	0	0	—	20.4	14.4	44	0	157
	ASWÂN	02	9	30	2	1	5	1	18.0	21.4	61	0	00	9	32	1	0	0	—	19.8	16.0	24	0	158
Western Desert	SÎWA	00	7	22	3	0	0	—	22.2	20.0	68	0	00	—	00	0	0	0	—	21.8	14.0	78	0	148
	BAHARÎYA	01	9	00	0	1	4	—	21.4	19.0	46	0	00	—	00	0	0	0	—	20.2	12.0	71	0	149
	KHÂRGA	00	9	32	1	0	0	—	20.6	20.5	28	0	00	9	28	1	0	0	—	20.8	16.0	43	0	151
	DÂKHLA	00	8	32	3	0	0	—	21.1	20.8	40	0	00	6	20	1	0	0	—	22.0	11.8	48	0	152
Red Sea	TÔR	00	7	28	5	0	0	—	19.4	19.5	37	0	00	7	28	4	0	0	—	20.7	19.1	31	0	145
	HURGHÂDA	00	9	02	4	0	0	—	—	18.0	44	0	00	9	26	2	0	0	—	18.9	16.5	47	0	146
	QUSEIR	01	8	32	4	1	4	2	19.0	22.0	40	0	00	8	32	2	1	0	—	18.8	18.7	55	0	147
	PORT SÛDÂN	03	8	32	5	2	8	6	15	24	69													208
North Sûdân	WÂDI HALFA	01	8	02	3	1	5	4	18	25	19													165
	KAREIMA	01	8	04	4	1	5	2	14	27	14													166
	'ATBARA	02	8	32	3	1	5	2	11	29	23													167
	KHARTÛM	00	8	02	4	1	0	—	11	30	11													209
	KASSALA	00	7	30	4	0	2	1	6	34	32													170
Central Sûdân	WAD MEDANI	00	8	32	5	0	2	1	8	34	12													171
	RENK	00	9	28	3	0	0	—	—	34	25													182
	ROSEIRES	00	8	32	1	0	0	—	—	37	20													172
	EL OBEID	00	9	02	4	0	3	2	11	28	33													174
	EL FÂSHER	02	9	30	2	1	6	2	—	29	17													175
	GENEINA																							179
	KADUGLI	01	8	04	3	1	4	1	8	34	12													187
S. Sûdân	MALAKÂL	01	8	04	3	1	3	4	7	36	15													176
	WÂU	00	7	04	2	1	0	—	6	37	14													177
	JUBA																							178

At 8h. on THURSDAY 21st (الساعة ٨ يوم الخميس ٢١)

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												—		—				78
	MATRÛH	00	9	20	1	1	3	8	19.9	+3.2	12.8	18	0	9	0	70	0	77	135
	MARIUT	00	7	18	1	0	1	4,5	21		12	19	—	7	—	88	0	161	128
	ALEXANDRIA	01	9	14	2	2	4	8	21.4	+4.3	13.0	19	0	10	-1	75	0	134	160
	DAMIETTA	04	6	16	2	0	0	—	22.2	+5.7	12.8	18	—	8	—	91	0	60	65
	PORT SAÎD	00	7	14	3	0	0	—	21.8	+5.7	13.9	20	0	11	-1	76	0	42	55
	EL 'ARÎSH	00	7	30	1	0	0	—	21.5	+4.2	11.3	—	—	9	+1	72	0	51	66
Lower Egypt	DAMANHÛR	00	5	08	2	0	0	—	21.1	+4.6	10.8	19	-2	8	0	90	0	70	77
	MANSÛRA	00	8	14	2	0	0	—	22.2	+5.6	12.0	21	0	7	-1	76	0	25	37
	TANTA	00	8	00	0	0	0	—	22.3	+5.4	12.0	20	-1	7	0	83	0	47	30
	ZAGAZIG	00	6	12	1	0	0	—	22.2	+5.1	13.1	20	-1	9	+2	73	0	6	20
	SHEBÎN EL KÔM	00	8	12	2	0	0	—	20.8	+3.5	10.4	23	—	8	—	87	0	14	—
Middle Egypt	CAIRO ALMAZA	00	7	11	1	0	0	—	22.0	+4.7	13.0	21	—	8	—	66	0	2	—
	CAIRO EZBEKÎYA	08	4	18	1	4	0	—	22.2	+4.9	11.0	22	0	8	-1	76	0	2	17
	CAIRO GÎZA																	13	15
	HELWÂN	05	6	00	0	0	0	—	22.4	+4.8	12.2	20	-1	10	+1	73	0	2	18
	SUEZ	00	9	00	0	0	0	—	23.1	+6.5	11.8	22	+1	8	-2	72	0	—	12
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	22.7	+5.6	9.3	22	-1	6	-2	67	0	8	6
	MINYA	00	8	28	1	0	0	—	22.2	+4.5	13.2	21	-1	7	0	66	0	dr.	—
	ASYÛT	00	6	04	1	0	0	—	22.6	+4.3	11.1	22	-1	7	-1	74	0	0	4
	NAG HAMÂDI	00	8	28	1	0	0	—	21.8	+4.6	13.5	22	—	5	—	61	0	1	—
	QENA	05	7	26	2	1	0	—	21.5	+5.1	12.0	24	-2	6	-2	72	0	13	—
	LUXOR																	0	—
	ASWÂN	00	9	02	1	0	0	—	20.7	+3.3	13.2	22	-4	9	-3	49	0	dr.	—
Western Desert	SÎWA	00	7	00	0	0	0	—	21.5	+2.7	8.8	21	-1	4	-2	84	0	1	6
	BAHARÎYA	00	9	00	0	0	0	—	21.0	+3.2	11.0	20	-3	5	-2	75	0	0	6
	KHÂRGA	00	9	28	1	0	0	—	22.0	+4.5	12.0	22	-3	6	-2	63	0	1	—
	DÂKHLA	00	7	16	1	0	0	—	23.0	+4.7	11.0	21	-4	5	-2	50	0	0	—
Red Sea	TÔR	00	8	04	3	0	0	—	21.2	+4.9	16.1	19	-3	6	-4	42	0	0	11
	HURGHÂDA	00	9	30	2	0	0	—	20.3	+4.4	16.6	23	0	12	+2	48	0	1	3
	QUSEIR	00	8	28	3	0	0	—	19.6	+4.0	19.8	23	0	14	-1	41	0	11	4
	PORT SÛDÂN	01	8	30	3	1	3	6,4	17		21					57	0	17	93
North Sûdân	WÂDI HALFA	00	8	02	1	1	2	4,3	20		12					36	0	tr.	—
	KAREIMA	01	8	02	2	1	3	4	17		15					25	0	7	1
	'ATBARA																0	2	2
	KHARTÛM	00	8	30	3	0	0	—	14		20					17	0	3	4
	KASSALA	00	8	02	4	0	2	4	11		23					69	0	31	8
Central Sûdân	WAD MEDANI	00	9	32	4	0	0	—	12		21					17	0	13	12
	RENK	00	9	30	3	0	0	—	10		22		—		—	31	—	—	49
	ROSEIRES	00	8	28	1	0	0	—	—		23					47	0	80	36
	EL OBEID	00	8	30	4	0	0	—	15		17					30	0	44	16
	EL FÂSHER	00	8	32	2	1	3	1	—	—	15					32	0	2	6
	GENEINA	02	8	04	3	1	5	4,2	—	—	16		—		—	19	—	—	4
	KADUGLI	00	8	04	4	0	0	—	11		23				—	15	—	—	90
S. Sûdân	MALAKÂL	00	8	32	4	0	0	—	11		24					18	0	170	88
	WÂU	01	8	00	0	0	3	4,2	11		24					30	0	113	148
	JUBA	05	7	32	1	0	1	4	10		28					35	0	188	155

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 SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 15 m.	13 h. 15 m.	12 h. 45 m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h. 15 m.	12 h. 45 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	h. m.
03 31 30	03 35 30	03 29 15		03 30 05	03 35 20		09 02 35	09 02 50	09 03 20	09 02 35	09 03 25	09 03 15	
06 31 35	06 33 15	06 28 20		06 32 05	06 34 10		15 01 20	15 01 30	15 36 35	15 02 35	15 05 20	15 08 20	
09 30 35	09 32 20	09 28 20		09 28 05	09 33 05		21 31 20	21 34 20	21 33 20	21 04 30	21 06 20	21 02 15	
		15 29 30		15 32 15	15 00 00		27 28 70	24 32 20		27 02 35	27 03 15	27 34 15	
		21 28 45		21 31 20	21 36 15		30 27 90	30 29 30		33 01 35	33 02 15	33 33 15	
		30 34 25		30 28 30	27 02 25			39 24 45		39 03 35	39 32 20	39 32 25	
		36 30 40		33 01 02							51 24 10		

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 SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. 15 m.	7 h. m.	h. m.	h. m.	8 h. 15 m.	h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. m.
03 25 20	03 17 35			03 07 10		03 04 10	02 36 15	09 04 40	09 03 40	09 03 35	09 03 50
06 25 20	06 20 20			06 05 15		06 02 20	05 03 30	15 03 05	15 30 05	15 03 15	15 01 20
09 24 30	09 20 10			09 01 15		09 04 15	10 04 35	21 26 20	21 27 20	21 16 05	21 02 15
15 24 30	15 26 15			15 35 15		15 36 10	15 09 10	27 27 55	27 26 40	24 33 05	24 02 15
18 24 30	21 22 25					21 34 10	20 36 10	33 26 75	33 26 55	30 31 20	30 34 02
	24 23 25					30 32 05	25 25 30	39 25 70	36 26 40	39 03 40	39 29 10
	30 24 30						30 27 —				
	36 23 30										
	39 24 25										

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
	09 04 10	09 03 05	09 01 30	09 05 35	09 03 20
	15 07 05	15 06 35	15 05 25	15 13 20	15 03 20
	21 11 10	21 05 25	21 09 10	21 16 05	
		27 04 20	27 11 20	27 26 15	
		33 01 15	33 09 15	33 21 20	
		39 33 15	39 02 05	39 29 20	

CYPRUS SYNOPTIC 8h. ON 21st

34780 01750 28214 21100 80404 00051
34853 01863 08224 22070 60305 00040

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	926	984
	20th	984	984

STATION	Mean of day: Humidity % on 20th	Diff from normal	Wet bulb temp °C on 20th	Diff from normal
Alexandria	62	-3	12.8	+1.2
Ezbekiya	68	+6	11.5	+0.5
Giza	69	+3	10.8	-0.1
Helwân	53	+3	10.2	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 21st °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 21st 14.9° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21st				
Nâsser					
Malakâl		10.20	-0.21	10.21	-0.21
J. Aulia Res.				377.03	—
J. Aulia D.S				371.05	-0.22
Roseires		12.11	+0.47	12.13	+0.49
Sennar Res.					
Khartûm		10.22	-0.13	9.94	-0.41
Kh. el Girba					
'Atbara		10.16	-0.07	10.18	-0.06
Kajnarti				132.56	-0.25
Aswân Res.		119.48	—	119.50	—
Aswân D.S		85.14	-0.87	85.24	-0.78
Roda (Cairo)				16.09	-0.51

UPPER AIR TEMP. ALMÂZA AT 23h. G.M.T. ON 20th

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	1012	52	49
500	994	57	52
1000	976	56	50
1500	958	54	48
2000	941	52	46
4000	874	42	38
6000	811	36	28
8000	752	32	26
10000	696	29	25
12000	644	21	20
14000	595	15	15
16000	548	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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 h. 29 m.
Sunset 17 h. 49 m.

Month February 1946 — شهر فبراير ١٩٤٦

At 14h. on 21.2 (الساعة ١٤ يوم ٢١-٢) and at 20h. on 21.2 (الساعة ٢٠ يوم ٢١-٢)

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 8-14h 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
SALŪM																							130
MATRŪH	01	9	20	1	0	4	8	18.3	20.5	43	0	00	9	12	1	1	3	8	18.1	15.0	72	0	131
MARIUT	01	7	23	2	1	5	0	20	20	41	0	00	7	02	1	0	0	—	19	14	77	0	150
ALEXANDRIA	02	9	22	2	2	5	8	19.8	19.2	53	0	01	6	00	0	2	4	8	19.6	16.0	67	0	132
DAMIETTA	01	8	12	3	1	3	8	20.0	20.3	46	0	00	7	02	3	1	0	—	19.0	14.4	78	0	159
PORT SAʿID	01	8	04	3	1	3	4	20.6	18.0	63	0	00	8	32	2	0	0	—	20.0	14.4	82	0	134
EL ʿARISH	00	7	00	0	0	2	3	20.3	18.3	59	0												135
DAMANHŪR	12	7	24	4	1	4	8	19.5	22.2	41	0	00	6	22	2	1	0	—	19.2	14.0	80	0	136
MANSŪRA	11	8	12	2	1	4	7	20.2	22.2	43	0	00	6	04	2	1	0	—	19.5	13.2	78	0	137
TANTA	01	8	20	1	0	4	8	19.5	22.6	48	0	01	8	00	0	1	4	8	19.8	13.5	82	0	138
ZAGAZIG	01	6	12	2	1	4	8	20.0	21.2	43	0	02	6	22	3	1	5	8	19.0	14.4	66	0	139
SHEBĪN EL KŌM	01	8	10	3	1	3	8	19.2	21.6	38	0	00	8	10	2	0	0	—	19.6	16.0	54	0	—
CAIRO ALMAZA	00	7	26	1	0	1	8	19.5	21.0	35	0	00	8	04	1	0	0	—	18.9	17.2	45	0	141
CAIRO EZBEKĪYA	00	8	22	1	0	2	8	19.5	22.0	35	0	00	7	02	2	0	0	—	19.2	15.7	60	0	—
CAIRO GĪZA																							—
HELWĀN	00	8	26	2	0	0	—	19.1	19.9	31	0	00	7	00	0	0	0	—	19.2	16.8	42	0	143
SUEZ	00	9	02	1	0	0	—	20.3	20.8	34	0	00	9	30	1	0	0	—	—	—	38	0	144
FAIYŪM	00	8	00	0	0	0	—	19.5	20.0	38	0	00	7	00	0	0	0	—	19.1	15.9	50	0	153
MINYA	00	9	32	2	0	0	—	19.5	21.6	38	0	00	8	32	1	0	0	—	18.7	16.1	54	0	154
ASYŪT	00	8	28	1	0	0	—	18.9	22.0	32	0	00	6	22	1	0	0	—	18.6	14.0	57	0	155
NAGʿ HAMĀDI	00	9	26	1	0	0	—	18.0	22.2	28	0	00	8	00	0	0	0	—	17.9	15.0	63	0	164
QENA	00	8	22	2	0	0	—	17.2	—	—	0	00	6	24	1	0	0	—	17.5	15.0	68	0	156
LUXOR	00	7	06	2	0	0	—	17.9	21.5	39	0	00	6	28	2	0	0	—	—	14.0	49	0	157
ASWĀN												00	9	32	2	0	0	—	16.3	19.6	20	0	158
SĪWA	00	8	18	1	0	0	—	19.6	23.0	59	0	49	4	00	0	0	0	—	18.7	15.0	68	0	148
BAHARĪYA												00	—	00	0	0	0	—	—	16.5	65	0	149
KHĀRGA	00	9	20	1	0	0	—	18.2	21.8	29	0	00	9	22	1	0	0	—	18.2	16.2	46	0	151
DĀKHLA	00	8	28	2	0	0	—	18.8	22.1	36	0	00	6	32	1	0	0	—	18.8	14.2	40	0	152
TŌR	00	7	28	4	0	0	—	19.1	20.1	53	0	00	7	28	2	0	0	—	[illegible]	16.2	51	0	145
HURGHĀDA												00	9	26	2	0	0	—	16.7	18.1	40	0	146
QUSEIR	00	8	32	3	0	0	—	18.3	23.0	46	0	00	8	32	2	0	0	—	18.2	20.4	45	0	147
PORT SŪDĀN	00	8	04	4	1	1	6	14	25	54	0												208
WĀDI HALFA	00	8	02	3	0	3	4	16	23	22	0												165
KAREIMA	00	8	06	3	0	1	4	12	29	8	0												166
ʿATBARA	01	8	30	3	1	4	4	10	30	22	0												167
KHARTŪM	00	8	32	4	0	0	—	9	29	23	0												[illegible]
KASSALA	00	8	30	3	0	0	—	5	36	35	0												170
WAD MEDANI	00	8	32	4	0	0	—	6	35	18	0												171
RENK	00	9	28	3	0	0	—	5	34	25	—												182
ROSEIRES	00	8	28	1	0	0	—	—	36	31	0												172
EL OBEID	00	9	32	4	0	2	3	8	30	27	0												174
EL FĀSHER	00	7	02	2	0	0	—	—	30	22	0												175
GENEINA																							179
KADUGLI	00	7	04	4	0	0	—	6	36	13	—												187
MALAKĀL	00	8	02	3	0	0	—	4	37	14	0												176
WĀU	00	8	02	2	0	0	—	5	37	13	0												177
JUBA	05	6	28	2	1	3	1	5	37	13	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 21st (الرياح العليا يوم ٢١)

MATRŪH 11 h. 30 m.	MARIUT 8 h. 15 m.	PORT SAʿID 12 h. 15 m.	ALMAZA	MINYA	LUXOR 13 h. 15 m.	HURGHĀDA	WĀDI HALFA 13 h. 15 m.	KAREIMA 11 h. 15 m.	KHARTŪM	KASSALA	EL OBEID 13 h.	MALAKAL 13 h.	JUBA 13 h.
03 24 25	03 22 20	06 18 05			03 01 10		09 03 30	09 02 20			06 02 15	09 04 30	09 03 20
06 24 25	06 23 20	09 21 05			06 02 10		15 02 40	15 02 20			15 05 30	15 04 35	15 02 10
09 23 25	09 22 20	15 22 10			09 02 05		21 30 15	21 22 25			21 04 30	21 05 35	21 03 20
15 22 30	15 21 20	21 27 10			15 27 10		27 27 40	27 27 35			27 05 30	27 05 30	27 01 20
21 21 20	21 19 20	27 24 20			21 26 25		33 27 45	33 24 30				33 06 35	30 04 20
30 24 20	30 20 15				30 27 35			39 22 30				39 06 35	39 04 20
39 22 30					36 26 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
	22.2	868	984
	21-2	926	984

Station	Mean of day Humidity % on 21st	Diff from normal	Wet Bulb Temp °C on 21st	Diff from normal
Alexandria	67	+2	12.4	+0.7
Ezbekiya	62	+1	11.6	+0.6
Giza	—	—	—	—
Helwân	53	+3	10.8	+0.8

GIZA — Grass minimum temp on 22nd 1.3 °C

CAIRO — Water temp. River Nile at 8h. on 22nd — °C

Gauge	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1946	m.	m.	m.	m.
Jûba	22	12.60	-0.69	12.63	-0.66
Nâsser		5.32	+0.16	5.36	+0.16
Malakâl		10.18	-0.22	10.20	-0.21
J. Aulia Res.					
J. Aulia D.S					
Roseires		12.08	+0.45	12.11	+0.047
Sennar Res.		20.14	—	20.19	—
Khartûm		10.42	+0.08	16.22	-0.13
Kh. el Girba					
ʿAtbara		10.12	-0.10	10.16	-0.07
Kajnarti		132.48	-0.28	132.52	-0.26
Aswân Res.		119.46	—	119.48	—
Aswân D.S		85.04	-0.96	85.10	-0.87
Roda (Cairo)	22	16.04	+0.45	16.06	+0.48

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At 8h. on Friday 22nd (الساعة ٨ يوم الجمعة ٢٢)

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	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												—		—				78
	MATRÛH	00	9	18	1	0	0	—	16.8	+0.1	13.4	23	+5	10	+1	50	0	77	136
	MARIUT	00	7	00	0	0	0	—	19	—	13	22	—	7	—	77	0	161	128
	ALEXANDRIA	02	9	14	2	1	6	0	19.0	+2.0	13.0	21	+2	11	0	56	0	134	165
	DAMIETTA	00	8	12	3	0	0	—	18.6	+2.2	15.9	21	—	12	—	79	0	60	86
	PORT SAʿÎD	00	7	10	2	0	0	—	19.0	+2.9	15.9	20	0	11	-1	79	0	42	66
	EL ʿARÎSH																		66
Lower Egypt	DAMANHÛR	00	5	24	2	0	0	—	19.2	+2.7	11.2	23	+2	9	+1	89	0	70	78
	MANṢÛRA	00	8	13	3	0	0	—	19.0	+2.5	13.0	23	+2	8	0	70	0	25	38
	ṬANṬA	00	8	16	2	0	0	—	19.4	+2.5	12.0	24	+2	7	0	83	0	47	30
	ZAGAZIG	00	6	10	2	0	0	—	20.4	+3.3	11.2	23	+2	9	+2	80	0	6	20
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	19.2	+1.9	10.2	25	—	8	—	86	0	14	
Middle Egypt	CAIRO ALMAZA	00	7	11	3	0	0	—	18.5	+1.2	14.1	23	—	11	—	46	0	2	
	CAIRO EZBEKÎYA	02	4	22	1	4	0	—	18.6	+1.3	12.8	23	+1	9	0	57	0	2	17
	CAIRO GÎZA	00	6	20	1	0	0	—	19.1	+1.8	10.4	24	+3	4	-2	81	0	13	18
	ḤELWÂN	00	7	00	0	0	0	—	18.7	+1.2	13.0	22	+1	11	+2	55	0	2	19
	SUEZ	00	9	02	1	0	0	—	18.2	+1.7	12.9	23	+1	9	-1	55	0	—	12
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	19.1	+2.1	9.9	22	-1	7	-1	68	0	8	5
	MINYA	01	7	32	1	1	3	3	21.6	+0.0	9.3	23	+1	5	-2	60	0	tr	
	ASYÛT	01	7	22	1	1	3	5	18.7	+0.4	13.1	24	+1	7	-1	55	0	0	4
	NAGʿ HAMÀDI	02	7	02	1	1	5	2	18.2	+1.1	11.5	25	—	5	—	64	0	1	
	QENA	01	7	26	2	0	4	1	17.6	+1.2	13.0	26	0	5	-3	66	0	13	
	LUXOR																	0	
	ASWÂN	00	9	32	1	0	0	—	17.1	-0.2	15.0	26	0	10	-2	41	0	tr	—
Western Desert	SÎWA	00	7	00	0	0	0	—	17.8	-0.9	8.0	23	+1	4	-2	72	0	1	6
	BAHARÎYA	00	9	00	0	0	0	—	22.2	+4.4	11.2	20	-3	7	0	73	0	0	6
	KHÂRGA	01	9	24	1	1	4	1	18.3	+0.9	10.0	23	-2	7	-1	56	0	1	
	DÂKHLA	00	7	04	1	0	0	—	18.7	+0.5	11.8	23	-2	5	-2	59	0	0	
Red Sea	ṬÔR	00	7	00	3	0	0	—	18.8	+2.6	13.1	21	-1	7	-3	46	0	0	11
	HURGHÂDA	01	8	30	3	1	4	8	20.3	+4.5	14.0	21	-2	13	+2	51	0	1	3
	QUSEIR	00	8	29	3	0	0	—	16.2	+0.7	16.2	24	+1	14	-1	45	0	11	4
	PORT SÛDÂN	01	8	28	2	0	4	0	15		22					—	0	17	93
North Sûdân	WÂDI HALFA	01	8	04	2	1	3	4	16		15					34	0	tr	
	KAREIMA	00	8	04	2	0	0	—	14		18					24	0	7	1
	ʿATBARA	00	8	02	2	0	0	—	12		20					43	0	2	2
	KHARTÛM	00	8	30	3	0	0	—	11		22					25	0	3	4
	KASSALA	00	8	00	0	0	0	—	9		24					50	0	31	8
Central Sûdân	WAD MEDANI	00	9	32	3	0	0	—	10		22					38	0	13	12
	RENK	00	9	30	2	0	0	—	—		23		—		—	32		14	49
	ROSEIRES	00	8	28	1	0	0	—	9		23					74	0	80	36
	EL OBEID	00	9	32	3	0	0	—	12		19					40	0	44	16
	EL FÂSHER	00	9	30	2	0	0	—	—	—	17					34	0	2	6
	GENEINA												—		—		—	—	4
	KADUGLI	01	8	04	4	1	4	1	10		26					18	—	—	90
S. Sûdân	MALAKÂL	00	8	32	4	0	0	—	9		27					19	0	170	88
	WÂU	00	7	04	2	0	0	—	9		24					32	0	113	148
	JUBA	05	7	18	1	0	5	[illegible]	11		24					44	0	188	156

Upper Winds are in the Code HHDDVV where HH is Height 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 7 h. 45 m.	MARIUT	PORT SAʿÎD 6 h. 45 m.	HELWÂN	MINYA	ASYÛT	LUXOR 6 h. 45 m.	ASWÂN	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h.	KAREIMA 7 h. 15 m.	KHARTÛM 7 h. 30 m.
03 17 20		03 07 20				03 12 10		09 04 20	09 04 20	09 03 15	09 04 50
06 17 25		06 03 20				06 01 15		15 26 30	15 33 15	15 31 15	15 02 25
09 21 20		09 36 10				09 04 05		21 26 20	21 30 15	21 30 05	21 04 15
15 22 25		15 24 15				15 22 15		27 28 55	27 29 15	30 31 15	24 05 15
						21 23 15		33 26 60	33 29 15	30 31 10	33 15 05
						30 26 25		39 26 60	39 27 30	39 27 20	29 29 20
									51 24 —	51 23 35	
									60 33 25	60 24 35	

KASSALA	PORT SÛDÂN 7 h.	EL OBEID 7 h.	EL FÂSHER 6 h. 45 m.	GENEINA	MALAKAL 7 h.
	09 06 15	09 01 20	09 01 20		09 04 50
	15 08 10	15 02 15	15 06 05		15 03 70
	21 26 05	21 04 20	21 11 10		21 04 65
		27 05 35	27 12 20		27 05 55
		33 05 45	33 08 15		33 05 35
		39 06 40	39 05 05		39 05 30

Upper Air Temp. ALMAZA at 5 GMT on 22nd

Height Feet	PPP m.b.	TT °F	Td °F
Surface	1009	53	45
500	990	60	48
1000	972	58	48
1500	954	56	47
2000	937	55	47
4000	871	45	40
6000	808	38	27
8000	749	33	27
10000	693	27	24
12000	641	21	21
14000	592	16	16
16000	546	9	-17

CYPRUS SYNOPTIC 8h. ON 22nd

30722 03952 20368 20120 80302 06061
30824 02851 06188 21070 70102 00001

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	[illegible]
Slight Duststorm	[illegible]
Rain in past hour	20-29
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Snow and Snow	60-69
Snow	70-79
Showers	80-89
Visible over 50 kms	9

CLOUD AMOUNT (N)

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

CAIRO

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 h. 28 m. — Sunset 17 h. 49 m.

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on FRIDAY 22nd (الساعة ١٤ يوم ٢٢) — At 20h. on 22nd (الساعة ٢٠ يوم الجمعة 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	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																							
SALŪM																							130
MATRŪH	00	9	12	1	0	0	—	15.0	22.8	15	0	00	—	12	2	0	0	—	13.2	14.8	76	0	131
MARIUT	00	8	10	1	0	1	8	16	22	29	0	00	7	06	2	0	0	—	14	14	77	0	150
ALEXANDRIA	01	9	00	0	2	3	4	15.5	22.2	25	0	00	5	10	2	0	0	—	14.6	15.0	63	0	132
DAMIETTA	00	8	08	3	0	0	—	15.4	18.0	60	0	00	7	30	1	0	0	—	15.1	13.9	77	0	159
PORT SAʿĪD	00	8	02	2	0	0	—	15.8	18.8	63	0	00	8	32	3	0	0	—	14.6	14.4	83	0	134
EL ʿARĪSH												00	7	00	0	0	0	—	—	12.4	72	0	135
Lower Egypt																							
DAMANHŪR	01	7	04	3	1	3	8	15.4	21.0	41	0	00	6	16	2	1	0	—	15.6	14.3	82	0	136
MANSŪRA	01	8	04	2	1	4	8	15.9	21.8	40	0	00	6	04	2	1	0	—	15.0	13.8	78	0	137
TANTA	01	8	20	2	1	4	8	15.9	22.0	43	0	00	8	16	2	1	0	—	14.7	12.7	81	0	138
ZAGAZIG	00	6	08	2	0	0	—	15.8	20.6	38	0	00	6	08	2	0	0	—	15.7	13.4	75	0	139
SHEBĪN EL KŌM	00	8	08	3	0	0	—	—	22.0	35	0	00	8	02	2	0	0	—	—	14.0	—	0	—
Middle Egypt																							
CAIRO ALMĀZA	00	7	14	2	0	0	—	14.0	23.0	25	0	00	7	06	4	0	0	—	12.9	17.1	40	0	141
CAIRO EZBEKĪYA	00	8	06	2	0	2	1	14.6	23.9	26	0	00	7	02	2	0	0	—	13.5	15.9	59	0	—
CAIRO GĪZA	00	8	30	2	0	0	—	15.4	23.6	24	0	00	6	30	3	0	0	—	13.4	16.4	46	0	—
HELWĀN	00	9	00	0	0	0	—	14.0	22.7	23	0	00	7	06	4	0	0	—	12.8	17.2	25	0	143
SUEZ	00	9	18	1	0	0	—	15.6	22.7	35	0	00	9	20	2	0	0	—	13.0	16.9	45	0	144
Upper Egypt																							
FAIYŪM	00	8	00	0	0	0	—	14.6	21.7	31	0	00	7	32	1	0	0	—	13.5	16.5	50	0	153
MINYA	01	9	24	2	1	3	3	15.1	23.5	32	0	01	8	24	1	1	4	3	13.5	17.4	49	0	154
ASYŪT	01	8	12	1	1	4	5	13.6	24.5	30	0	01	7	22	1	1	4	5	13.5	16.5	47	0	155
NAG HAMĀDI	01	8	16	1	1	5	2	14.0	23.8	37	0	01	8	00	0	1	4	2	12.7	16.5	59	0	164
QENA	01	8	22	2	1	4	3	14.4	25.0	34	0	02	6	24	1	1	6	4	13.5	16.1	62	0	156
LUXOR												00	6	22	1	0	0	—	13.2	18.0	36	0	157
ASWĀN	02	9	04	2	1	5	1	12.4	24.6	13	0	02	9	00	0	5	5	9	12.2	23.0	21	dr.	158
Western Desert																							
SĪWA	00	7	12	3	0	0	—	14.3	23.5	63	0	00	4	00	0	0	0	—	—	16.4	60	0	148
BAHARĪYA	00	9	00	0	0	0	—	—	19.2	45	0	00	—	00	0	0	0	—	15.4	12.5	71	0	149
KHARGA	01	9	02	1	1	4	3	15.4	23.0	23	0	00	9	30	1	0	0	—	15.2	19.2	31	0	151
DAKHLA	00	8	16	1	0	0	—	14.2	24.5	38	0	00	6	06	1	0	0	—	14.6	12.2	36	0	152
Red Sea																							
TŌR	00	7	28	4	0	0	—	—	20.1	53	0	00	7	28	2	0	0	—	13.8	14.2	66	0	145
HURGHĀDA	00	9	02	2	0	0	—	—	19.0	42	0	00	9	26	2	0	0	—	—	18.0	44	0	146
QUSEIR	02	8	32	2	1	5	2	15.1	24.0	48	0	02	8	32	2	2	5	4	13.3	21.6	41	0	147
PORT SŪDĀN	01	8	06	3	1	4	8,4	12	26	79	0												209
North Sūdān																							
WĀDI HALFA	00	8	08	2	0	0	—	11	28	15													165
KAREIMA	00	8	32	3	0	0	—	9	32	09													166
ʿATBARA	00	8	32	3	0	0	—	7	34	12													167
KHARTŪM	14	8	02	4	0	0	—	6	36	12													209
KASSALA	00	8	02	3	0	0	—	2	40	14													170
Central Sūdān																							
WAD MEDANI	00	8	04	3	0	0	—	3	40	11													171
RENK	00	9	30	3	0	0	—	1	37	24													182
ROSEIRES	00	8	24	1	0	0	—	5	38	24													172
EL OBEĪD	00	9	04	4	0	0	—	5	34	12													174
EL FĀSHER	00	8	12	1	0	0	—	—	33	21													175
GENEINA																							179
KADUGLI	00	8	04	4	0	1	1	4	39	09													187
S. Sūdān																							
MALAKĀL	01	8	32	3	0	4	4	3	38	17													176
WĀU	02	7	02	2	1	8	2	3	37	12													177
JUBA	00	7	32	2	1	0	—	4	38	18													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 (الرياح العليا يوم ٢٢)

MATRŪH (12 h. 30 m.)	MARIUT (13 h.)	PORT SAʿĪD	ALMĀZA	MINYA (13 h.)	LUXOR (13 h.)	HURGHĀDA	WĀDI HALFA (13 h. 15 m.)	KAREIMA (11 h. 15 m.)	KHARTŪM (13 h.)	KASSALA	EL OBEID	MALAKAL (12 h. 45 m.)	JUBA
03 16 20	03 14 10			03 30 05	03 03 10		09 03 05	09 35 20	09 03 30			09 03 30	
06 18 20	06 13 10			06 22 05	06 04 05		15 30 25	15 32 10	15 05 30			15 03 25	
09 18 20	09 16 20			09 15 05	09 15 05		21 31 45	21 35 15	21 06 20			21 03 30	
15 21 25	15 12 15			15 21 20	15 20 05		27 27 30	24 32 05	24 06 10				
24 22 30	21 11 15				21 23 20		33 24 55	30 26 15	30 11 15				
30 19 40					30 25 —		39 24 65	39 23 20	39 24 10			27 07 30	
36 24 30												33 02 30	
45 26 35													

Remarks

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

Station	Humidity % on 22nd	Diff. from normal	Wet Bulb Temp. °C on 22nd	Diff. from normal
Alexandria	55	−10	10.6	−1.1
Ezbekiya	52	−9	11.6	+0.6
Gîza	59	−7	11.1	+0.1
Helwân	37	−13	10.5	+0.4

(Mean of day)

GĪZA — GRASS MINIMUM TEMP. ON 23rd 4.0° C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 23rd 16.2° C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	23-2	868	868
	22-2	868	984

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23rd			12.60	−0.69
Nâsser				5.32	+0.16
Malakâl		10.16	−0.23	10.18	−0.22
J. Aulia Res					
J. Aulia D.S					
Roseires		12.06	+0.44	12.08	+0.45
Sennar Res.				20.14	
Khartûm				10.42	+0.08
Kh. el Girba					
ʿAtbara		10.10	−0.11	10.12	−0.10
Kajnarti		132.42	−0.31	132.48	−0.28
Aswân Res.		119.50		119.46	
Aswân D.S		85.01	−0.97	85.04	−0.96
Roda (Cairo)		16.04	+0.45	16.04	+0.45

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

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.	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	Rain Total from Oct. 1 mms	Rain Norm from Oct. 1 mms
Mediterranean																		
SALÛM												—		—				79
MATRÛH	00	9	18	3	0	0	—	7.8	−2.9	12.8	24	+6	9	−1	—	0	77	137
MARIUT	00	7	15	1	0	0	—	12		11	23	—	8	—	88	0	161	129
ALEXANDRIA	00	8	12	2	0	0	—	11.2	−5.8	12.4	24	+4	10	−1	80	0	134	166
DAMIETTA	04	6	16	2	0	0	—	12.0	−4.4	13.2	20	—	9	—	87	0	60	87
PORT SAʿÎD	00	7	16	3	0	0	—	12.0	−4.0	12.8	21	+1	11	−1	86	0	42	60
EL ʿARÎSH	00	7	30	1	0	0	—	—	—	14.2	19	−1	9	0	72	0	51	67
Lower Egypt																		
DAMANHÛR	00	5	16	3	0	3	8	11.6	−4.9	10.4	22	+1	8	0	92	0	70	79
MANSÛRA	00	8	12	1	0	0	—	12.2	−4.3	12.0	23	+2	7	−1	79	0	25	38
TANTA	00	8	16	2	0	0	—	12.2	−4.7	12.0	23	+1	8	+1	82	0	47	31
ZAGAZIG	00	6	14	2	0	0	—	12.6	−4.4	12.8	23	−2	9	+2	77	0	6	20
SHEBÎN EL KÔM	00	8	10	3	0	0	—	11.8	−5.4	10.0	23	—	8	—	86	0	14	—
Middle Egypt																		
CAIRO ALMAZA	01	7	22	2	0	3	6,2	12.4	−4.8	13.7	25	—	9	—	58	0	2	—
CAIRO EZBEKÎYA	05	5	18	3	0	3	1	12.8	−4.4	12.0	26	+4	9	0	64	0	2	18
CAIRO GÎZA	00	7	14	2	0	3	1	13.0	−4.2	12.8	25	+4	7	+1	67	0	13	18
HELWÂN	00	7	00	0	1	2	1	13.0	−4.4	11.4	25	+4	9	0	59	0	2	19
SUEZ	00	9	14	1	0	3	1	12.6	−3.9	14.8	26	+4	10	0	71	0	—	12
Upper Egypt																		
FAIYÛM	01	7	18	2	1	3	3	13.6	−3.4	9.9	24	+1	7	−1	61	0	2	6
MINYA	01	7	12	2	1	4	2	13.8	−3.8	14.3	25	+2	9	+1	48	0	dr.	—
ASYÛT	01	6	12	1	1	3	5	14.7	−3.5	13.5	26	+3	8	0	57	0	0	4
NAG HAMÂDI	02	8	00	0	2	5	3	14.8	−2.3	14.2	26	—	4	—	57	0	1	—
QENA	01	7	22	3	1	4	3	14.4	−1.9	15.2	26	0	11	+2	64	0	13	—
LUXOR	00	7	28	2	0	0	—	14.7	−2.2	14.7	27	0	10	+2	42	0	0	
ASWÂN	02	9	00	0	2	5	9	14.2	−3.0	18.8	28	+1	13	+1	43	dr.	dr.	
Western Desert																		
SÎWA	00	7	00	0	0	0	—	12.6	−6.1	8.8	25	+3	3	−3	72	0	1	6
BAHARÎYA	00	9	00	0	0	0	—	—	—	11.0	20	−3	5	−2	75	0	0	6
KHÂRGA	00	9	32	1	0	0	—	15.4	−2.0	13.7	24	−1	9	+1	51	0	1	—
DÂKHLA	00	7	04	1	0	0	—	15.8	−2.3	14.6	25	0	8	+1	42	0	0	
Red Sea																		
TÔR	00	7	04	3	0	0	—	13.4	−2.8	15.2	24	+2	11	+1	49	0	0	11
HURGHÂDA	01	8	30	3	1	4	8	13.7	−2.1	17.0	23	0	13	+2	43	0	1	3
QUSEIR	02	8	28	2	1	5	4	12.4	−3.1	19.2	25	+1	17	+2	31	0	11	4
PORT SÛDÂN	02	8	32	1	1	6	6	14		23					78	0	17	93
North Sûdân																		
WÂDI HALFA	00	8	02	1	0	1	4	14		17					28	0	tr.	
KAREIMA	00	8	06	2	0	2	4	11		19					30	0	7	1
ʿATBARA	00	8	02	2	0	2	1	11		22					38	0	2	2
KHARTÛM	01	8	31	3	0	3	2	9		24					19	0	3	4
KASSALA	00	8	00	0	0	0	—	8		25					61	0	31	8
Central Sûdân																		
WAD MEDANI	00	9	02	3	0	2	1	7		25					36	0	13	12
RENK	00	9	28	3	0	0	—	—		28		—		—	25	—	—	49
ROSEIRES	00	8	32	1	0	0	—	6		25					45	0	20	36
EL OBEÎD	00	9	32	3	0	3	3	9		23					41	0	44	16
EL FÂSHER	00	8	30	1	0	0	—	—	—	21					28	0	2	6
GENEINA	00	7	06	1	0	1	1	—	—	19		—			28	—	—	4
KADUGLI	01	8	04	3	1	4	1	8		28					10		—	90
S. Sûdân																		
MALAKÂL	00	8	30	2	0	0	—	6		28					22	0	170	88
WÂU	01	7	00	0	5	3	1/2	7		25					51	tr.	113	148
JUBA	05	6	14	1	0	4	4	8		27					40	0	188	156

Upper Winds are in the Code HHDDVV where HH is Height 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 (7 h.)	PORT SAʿÎD (7 h.)	HELWÂN (8 h. 45 m.)	MINYA (7 h. 30 m.)	ASYÛT	LUXOR (7 h.)	ASWÂN (7 h.)	WÂDI HALFA (7 h. 30 m.)	ABU HAMAD (7 h.)	KAREIMA (7 h.)	[illegible] (6 h. 30 m.)
	03 18 50	03 16 15	02 16 15	03 19 20		03 36 05	02 36 10	09 34 15	09 05 20	09 05 25	09 04 50
	06 18 30	06 19 15	05 19 30	06 23 25		06 01 05	05 33 20	15 34 20	15 07 10	15 01 15	15 03 15
	09 22 40	09 24 20	08 22 35	09 24 30		09 02 10	10 30 25	21 23 40	21 25 20	21 01 05	21 02 05
	12 22 35	12 26 30	10 22 35	12 26 30		15 02 20	15 22 20	27 23 15	27 26 20	24 18 05	24 34 05
	15 23 30	15 26 35	15 23 40	15 26 35		21 03 35	20 22 25	33 22 15	33 27 30	30 24 15	30 27 15
	21 22 30	21 29 40	20 24 45	18 28 40		30 35 25	25 22 —	39 20 15	39 26 45	39 25 30	39 22 20
	24 23 25		23 25 60								
			30 25 55								
			36 27 55								

KASSALA	PORT SÛDÂN	EL OBEÎD (6 h. 30 m.)	EL FÂSHER (7 h.)	GENEINA (7 h.)	MALAKÂL
		09 02 20	09 04 20	09 05 30	
		15 03 20	15 04 20	15 06 10	
		21 03 20	21 09 18	21 05 10	
		27 04 20	27 08 12	27 19 10	
		33 05 20	33 09 18	33 17 20	
		36 08 15	36 08 35	39 17 20	
			39 15 20		

UPPER AIR TEMP. ALMÂZA AT 05h G.M.T. ON 23rd

Height feet	P.P.P. mb.	TT °F	°F
Surface	1003	55	48
500	985	60	50
1000	967	60	48
1500	950	60	46
2000	933	56	44
4000	866	51	38
6000	804	42	33
8000	745	32	27
10000	690	27	26.8
12000	638	20	18
14000	590	12	12
16000			

CYPRUS SYNOPTIC 8h. ON 23rd

34710 00971 28201 11100 80802 00051
34853 01854 18214 12114 60603 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 past hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

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

VISIBILITY (V) [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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 6 h. 27 m.
Sunset 17 h. 50 m.

Month February 1946 — ١٩٤٦ شهر فبراير

At 14h. on 23-2 (الساعة ١٤ يوم ٢٣-٢) and At 20h. on 23rd (الساعة ٢٠ يوم ٢٣)

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
Salûm																							130
Matrûh	01	9	28	4	0	4	8	8.8	16.8?	74	0	00	–	26	3	1	0	–	12.0	14.6	61	0	131
Mariut	18	6	22	4	0	0	–	9	24	15	0	05	6	26	4	0	1	1	11	16	59	0	150
Alexandria	00	8	22	6	0	0	–	8.6	21.4	32	0	00	5	26	5	0	0	–	11.4	15.0	63	0	132
Damietta	00	8	20	4	0	0	–	9.2	23.8	33	0	05	6	24	5	0	0	–	9.2	15.9	64	0	159
Port Sa'îd	00	7	18	4	0	0	–	9.5	24.0	21	0	00	7	26	2	0	0	–	9.1	18.1	55	0	134
El 'Arîsh	00	7	30	1	0	0	–	11.4	—	—	0	00	7	20	2	0	0	–	9.5	12.3	71	0	135
Damanhûr	00	6	28	5	0	0	–	8.2	25.0	26	0	00	6	28	4	0	0	–	10.0	14.8	78	0	136
Mansûra	00	8	20	2	0	0	–	9.0	24.6	30	0	00	6	28	2	0	0	–	10.6	14.8	70	0	137
Tanta	00	8	20	4	0	0	–	8.7	26.5	22	0	00	7	20	1	0	0	–	10.6	12.5	87	0	138
Zagazig	12	6	20	4	3	0	–	9.5	24.2	33	0	00	6	22	2	0	0	–	—	18.2	88	0	139
Shebîn el Kôm	00	8	14	5	0	0	–	9.0	25.9	26	0	00	8	10	4	0	0	–	11.1	15.4	61	0	—
Almâza	00	7	20	4	0	0	–	9.2	25.6	24	0	00	8	26	4	0	0	–	10.3	20.3	30	0	141
Ezbekîya	05	7	16	3	0	0	–	9.8	25.3	20	0	00	6	26	4	0	0	–	10.8	18.0	43	0	—
Gîza	00	8	18	2	0	0	–	9.8	25.8	21	0	00	6	28	2	0	0	–	11.4	15.9	45	0	—
Helwân	00	8	18	5	0	0	–	10.2	24.0	15	0	01	6	26	3	1	3	1	11.6	19.1	15	0	143
Suez	00	9	14	1	0	0	–	11.6	21.8	45	0	00	9	10	1	0	0	–	11.0	17.9	63	0	144
Faiyûm	00	8	22	3	0	2	1	9.9	27.0	14	0	01	7	22	1	1	3	3	11.0	19.7	25	0	153
Minya	01	8	24	1	1	5	2	11.2	28.0	20	0	01	7	24	2	1	4	3	13.1	18.0	30	0	154
Asyût	01	7	12	1	1	4	5	12.2	25.1	36	0	11	6	22	1	1	4	5	13.2	19.1	26	0	155
Nag Hamâdi	01	8	32	1	1	4	3	12.4	25.6	25	0	01	8	00	0	1	4	3	13.4	14.7	56	0	164
Qena	01	8	22	2	1	4	3	11.8	27.2	27	0	00	6	24	1	1	0	–	13.4	16.6	56	0	156
Luxor	00	7	12	2	0	0	–	13.0	29.5	27	0	00	6	28	2	0	0	–	14.0	16.8	44	0	157
Aswân	01	9	30	3	1	4	1	12.2	29.6	25	0	00	9	32	1	0	0	–	13.2	23.0	16	0	158
Sîwa	00	6	26	7	0	0	–	14.8	21.0	74	0	00	–	26	3	0	0	–	16.8	15.5	79	0	148
Bahariya	00	9	00	0	0	0	–	18.6	19.5	35	0												149
Khârga	00	9	00	0	0	0	–	13.1	26.3	20	0	00	9	32	1	0	0	–	15.0	19.9	29	0	151
Dâkhla	00	8	32	1	0	0	–	12.8	25.5	22	0	00	6	32	1	0	0	–	15.9	16.8	20	0	152
Tôr	00	7	28	3	0	0	–	12.6	23.5	33	0	00	7	28	3	0	0	–	12.4	17.1	44	0	145
Hurghâda	02	7	02	2	2	6	0	12.3	21.5	28	0	00	9	28	2	0	0	–	—	18.5	37	0	146
Quseir	01	8	32	2	1	4	2	12.0	24.2	59	0	00	8	30	2	1	0	–	12.2	21.0	65	0	147
Port Sûdân	00	8	08	4	1	1	6	10	27	74	0												208
Wâdi Halfa	00	8	02	3	0	0	–	10	31	11	0												165
Kareima	00	8	02	2	0	0	–	7	36	12	0												166
Atbara	00	8	30	2	0	0	–	4	38	18	0												167
Khartûm	00	8	25	3	0	2	1	4	39	13	0												168
Kassala	00	8	02	3	0	2	1	1	41	15	0												170
Wad Medani	01	8	02	4	0	5	2	1	43	08	0												171
Renk	00	9	04	3	0	0	–	1	43	17	0												182
Roseires	00	8	12	1	0	0	–	1	42	11	0												172
El Obeid	01	9	04	4	1	4	1	3	37	13	0												174
El Fâsher																							175
Geneina	00	8	04	2	0	0	–	—	37	09	0												179
Kadugli	02	8	04	4	1	5	1	3	41	08	0												187
Malakâl	02	8	10	4	1	5	4	1	41.	13	0												176
Wâu	00	7	02	2	0	0	–	1	41	11	0												177
Juba	00	8	12	2	0	0	–	1	41	18	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 23rd

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
12 h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	h. m.	13 h. 15 m.	12 h. 45 m.	13 h. m.	h. m.	12 h. 30 m.	h. m.	h. m.
03 26 30					03 34 05		09 34 20	09 03 15	09 03 20		09 02 20		
06 26 30					06 30 05		15 21 05	15 13 05	15 03 15		15 04 10		
09 26 60					09 32 20		21 23 35	21 27 10	21 35 30		21 04 20		
15 25 60					12 32 20		27 28 50	24 27 10	24 34 20		27 04 20		
18 25 65					15 31 35		33 34 55	27 29 15	30 33 20		33 05 30		
					21 28 60?		39 27 55	30 29 15	39 01 20		39 05 45		
								39 28 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 m.³ per sec.	Date	1946	1945
	24-2	868	868
	23.2	868	868

Station	Mean of day Humidity % on 23rd	Diff from normal	Wet Bulb Temp °C on 23rd	Diff from normal
Alexandria	67	+2	11.6	-0.2
Ezbekîya	48	-13	11.5	+0.4
Gîza	51	-15	11.5	+0.4
Helwân	32	-18	9.7	-0.5

GÎZA — Grass Minimum Temp. on 24th 5.3° C

CAIRO — Water Temp. River Nile at 8h. on 24th 16.3° C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24				
Nâsser				5.32	+0.17
Malakâl		10.15	-0.23	10.16	-0.23
J. Aulia Res.				377.05	—
J. Aulia D.S				371.57	+0.33
Roseires		12.06	+0.45	12.06	+0.44
Sennar Res.				20.12	
Khartûm				10.47	+0.14
Kh. el Girba					
'Atbara		10.16	-0.04	10.10	-0.11
Kajnarti				132.42	-0.31
Aswân Res.		119.48	—	119.50	—
Aswân D.S		85.02	-0.95	85.01	-0.97
Roda (Cairo)		16.06	+0.47	16.04	+0.45

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

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.	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
Salûm												—		—				
Matrûh	02	9	28	4	1	7	9	17.0	+0.3	8.2	21	+3	5	-5	83	0	77	138
Mariut	25	7	22	4	8	5	9,4	15	—	11	25	—	10	—	76	2	163	130
Alexandria	02	7	26	6	6	5	9	14.4	-2.5	10.4	24	+4	8	-3	82	2	136	167
Damietta	14	8	20	6	1	5	9	13.6	-2.8	9.6	24	—	8	—	65	0	60	88
Port Sa'îd	13	7	22	6	3	4	9	13.1	-2.8	11.3	24	+4	10	-2	46	0	42	61
El 'Arîsh	00	7	30	1	0	0	–	13.1	-4.0	13.4	22	+2	8	-1	72	0	51	68
Damanhûr	60	4	28	5	6	5	9	15.1	-1.4	9.0	26	+5	8	0	87	1	71	80
Mansûra	01	8	20	3	1	3	0	14.8	-1.7	10.7	26	+5	7	-1	57	0	25	39
Tanta	00	8	20	5	0	0	–	16.2	-0.7	9.0	27	+5	7	0	61	0	47	31
Zagazig	00	6	26	4	0	0	–	16.2	-0.8	10.9	24	+3	8	+1	74	0	6	20
Shebîn el Kôm	00	8	22	4	0	0	–	15.5	-1.7	10.0	28	—	7	—	55	0	14	
Almâza	00	8	23	4	0	0	–	17.2	0.0	11.3	26	—	10	—	52	0	2	—
Ezbekîya	05	6	22	4	0	0	–	17.8	+0.6	10.6	27	+5	10	+1	51	0	2	18
Gîza	00	7	22	3	0	0	–	18.3	+1.1	11.1	27	+5	8	+1	51	0	13	18
Helwân	00	7	20	2	0	0	–	18.8	+1.4	10.1	25	+4	9	0	48	0	2	19
Suez	00	9	18	1	0	0	–	17.8	+1.4	15.6	23	+1	12	+1	33	0	—	12
Faiyûm	00	8	22	3	0	1	1	19.6	+2.7	10.3	28	+5	8	0	53	0	8	6
Minya	00	7	24	2	1	1	2	21.1	+3.6	13.0	29	+6	9	+1	49	0	tr	—
Asyût	01	6	26	1	1	3	2	21.1	+3.0	13.1	27	+4	10	+2	42	0	0	4
Nag Hamâdi	00	8	28	1	0	0	–	20.0	+3.0	14.8	26	—	11	—	48	0	1	
Qena	01	7	26	2	0	4	1	19.6	+3.3	15.2	29	+3	11	+2	47	0	13	
Luxor	00	7	28	4	0	0	–	20.2	+3.4	17.6	30	+3	13	+5	36	0	0	
Aswân	05	9	32	5	0	0	–	18.3	+1.2	16.2	30	+3	14	+2	22	0	tr	—
Sîwa	00	7	24	1	0	0	–	21.8	+3.2	9.0	21	-1	7	+1	87	0	1	6
Baharîya	00	9	32	2	0	0	–	22.3	+4.6	10.5	21	-2	5	-2	69	0	0	7
Khârga	01	9	32	2	1	4	3	20.6	+3.3	14.6	29	+3	6	-2	40	0	1	
Dâkhla	00	6	28	6	0	0	–	22.8	+4.7	12.5	29	+4	10	+3	60	0	0	
Tôr	00	7	28	5	0	0	–	18.6	+2.5	17.2	25	+3	15	+5	35	0	0	11
Hurghâda	00	9	30	5	0	0	–	17.1	+1.3	16.0	23	0	13	+2	55	0	1	3
Quseir	01	8	26	4	1	4	5	15.9	+0.5	19.8	26	+2	17	+2	26	0	11	4
Port Sûdân	02	8	32	2	1	6	0	12		25					89	0	17	93
Wâdi Halfa	05	6	04	3	1	6	4	18		17					28	0	tr	
Kareima	00	8	02	3	0	0	–	11		22					13	0	7	1
Atbara	18	6	20	5	0	0	–	10		25					16	0	2	2
Khartûm	00	7	30	3	0	0	–	9		24					18	0	3	4
Kassala	00	8	00	0	0	0	–	8		23					69	0	21	8
Wad Medani	00	9	02	3	0	0	–	7		27					13	0	13	12
Renk	00	9	30	3	0	0	–	5?		27		—		—	66	—	—	49
Roseires	00	8	32	1	0	0	–	6?		2-					47	0	80	36
El Obeid	00	9	30	3	0	0	–	10		23					15	0	44	16
El Fâsher	00	8	30	3	0	0	–	—	—	21					23	0	2	6
Geneina								—	—			—		—		—	—	4
Kadugli	00	8	28	2	0	0	–	8		28		—		—	13	—	—	90
Malakâl	01	8	32	4	0	3	4	5		30					22	0	170	88
Wâu	05	6	00	0	0	3	4	5		26					51	0	113	149
Juba	00	7	20	1	6	0	–	7		26					45	tr	188	157

Upper Winds are in the Code HHDDVV where HH is Height 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	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. m.	7 h. 15 m.	h. m.	8 h. 45 m.	7 h. 15 m.	h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h.
03 27 45	03 26 30		02 25 30	03 30 25		03 26 30	02 35 30	09 36 60	09 02 40	09 02 65	09 02 55
06 28 40	06 26 40		05 26 40	06 30 50		06 35 50	05 35 35	15 01 40	15 34 10	15 32 20	15 03 25
09 28 60			08 27 40	09 30 60		09 34 55	10 34 50		21 26 20	21 31 20	21 04 30
15 28 75			10 26 60	15 29 40		12 34 45	15 31 25		27 29 30	24 32 10	24 02 30
			15 26 60						33 28 30	30 31 20	30 35 25
									39 28 20	39 26 20	39 30 15

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
h. m.	h. m.	h. m.	7 h. m.	h. m.	h. m.
			09 01 30		
			15 03 40		
			21 06 40		
			27 09 20		
			33 09 20		
			39 11 20		

Upper Air Temp — Almâza at 4 GMT on 24th

Height feet	P P P m.b.	T T °F	T T °F
Surface	1007	47	41
500	990	48	42
1000	972	47	41
1500	954	45	39
2000	937	42	37
4000	871	34	31
6000	808	26	24
8000	749	20	19
10000	693	22	20
12000	641	13	13
14000	592	6	6
16000	546	1	1

CYPRUS SYNOPTIC 8h. ON 24th
34887 10854 59586 07070 60303 02061
34792 55758 14268 06080 60103 06071

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	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-39
Fog or Thick Haze	40-49
Rod. fog in last hour	4
Thick	
Fog in patches	
Drizzle	50-59
Rain	60-69
Rain and Fog	
Rain and Snow	66, 69
Snow	70-79
Showers	80-89
... snow	83, 84
... sleet	85, 86
...	87, 89
Thunderstorm	90-99
... snow, rain	91
... hail	94-96
... duststorm	98
Heavy, with hail	99

Past Weather (W)

Clear, slight ...	
Variable sky	
Mainly overcast	
Sandstorm, Duststorm	
Fog, thick dust haze	
Drizzle	
Rain	
Snow, sleet	
Showers	
Thunderstorm	

Visibility (V)

Objects ...	
50 metres	
200	
500	2
Kilometres	3
	4
	5
4	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 06 h. 26 m.
Sunset 17 h. 51 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on SUNDAY 24th (الساعة ١٤ يوم ٢٤) — At 20h. on 24th (الساعة ٢٠ يوم الأحد 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 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
Salûm																							130
Matrûh	02	9	26	4	6	5	9	17.1	12.5	71	6	02	—	24	1	3	5	8	19.0	11.4	76	0	131
Mariut	00	7	26	5	8	1	8	16	14	48	4	00	7	24	4	5	1	8	18	13	67	dr.	150
Alexandria	01	8	24	8	6	4	8	15.0	14.4	46	3	02	5	28	6	5	5	9	16.3	11.0	75	dr.	132
Damietta	14	7	22	7	6	4	9	13.2	14.3	56	dr.	01	7	20	3	1	3	9	16.7	9.2	74	0	159
Port Saîd	20	7	24	6	3	5	9	14.0	12.6	63	tr.	00	7	24	4	5	0	—	16.6	11.7	60	dr.	134
El 'Arîsh	00	7	20	2	0	0	—	—	17.2	77	0	00	7	30	1	0	0	—	16.2	12.5	71	0	135
Damanhûr	01	6	28	6	6	4	8	14.8	15.0	52	1	00	6	28	3	1	0	—	18.0	10.0	74	0	136
Mansûra	50	8	28	4	5	4	9	14.8	14.7	54	dr.	00	6	24	2	1	0	—	18.6	9.5	72	0	137
Tanta	50	7	24	7	5	7	9	14.2	13.2	65	dr.	00	8	20	3	5	0	—	19.1	8.7	77	dr.	138
Zagazig	13	6	28	5	3	8	8	15.8	13.2	65	0	00	6	26	2	0	0	—	17.0	10.1	66	0	139
Shebîn el Kôm	33	3	22	8	3	9	—	15.6	15.6	43	0	00	7	22	3	1	0	—	17.9	10.2	67	0	—
Almaza	18	4	26	6	1	4	8	16.9	15.9	42	0	00	7	26	2	2	0	—	19.8	12.0	58	0	141
Ezbekîya	32	3	22	6	1	8	6	17.2	16.4	37	0	00	6	00	0	3	1	6	20.3	12.2	59	0	—
Gîza	18	6	26	4	3	5	8	17.0	16.5	39	0	00	7	22	1	0	0	—	20.7	9.5	67	0	—
Helwân	12	4	26	6	3	1	8	17.8	14.9	25	0	05	5	28	3	0	0	—	20.4	11.7	46	0	143
Suez	01	9	20	3	1	4	3	17.1	17.8	24	0	00	9	24	1	0	0	—	19.6	14.1	39	0	144
Faiyûm	01	7	26	5	1	4	4	18.4	16.0	31	0	01	7	30	1	1	4	4	20.7	16.6	25	0	153
Minya	01	7	28	4	3	4	2	19.2	18.2	30	0	00	8	24	2	1	0	—	20.4	17.3	18	0	154
Asyût	01	6	22	2	1	4	2	19.9	17.1	24	0	01	6	30	2	1	3	2	21.0	12.5	43	0	155
Nag Hamâdi	00	8	28	5	1	2	2	18.6	18.5	26	0	00	8	28	2	0	0	—	20.0	11.9	43	0	164
Qena	01	8	26	3	1	4	1	17.2	21.3	25	0	00	6	26	3	1	0	—	19.8	14.4	37	0	156
Luxor	00	7	30	4	0	0	—	19.2	20.5	37	0	00	6	28	2	0	0	—	19.4	15.2	47	0	157
Aswân	05	5	32	5	0	0	—	17.2	22.0	13	0	00	9	32	2	0	0	—	18.8	17.4	16	0	158
Sîwa	00	7	28	5	0	0	—	21.5	17.5	83	0	00	—	00	0	0	0	—	20.8	13.5	81	0	148
Baharîya	00	9	32	1	0	0	—	19.2	18.0	44	0	00	—	00	0	0	0	—	21.0	11.0	75	0	149
Khârga	00	9	32	1	0	0	—	20.4	18.2	21	0												151
Dâkhla	00	7	28	5	0	0	—	19.4	17.8	35	0	00	6	28	3	0	0	—	22.7	12.2	44	0	152
Tôr	00	7	28	5	0	0	—	17.4	19.1	24	0	00	7	28	4	0	0	—	—	19.1	31	0	145
Hurghada	00	9	02	5	0	0	—	16.3	21.0	38	0	00	9	30	5	0	0	—	17.7	18.5	43	0	146
Quseir	00	8	28	4	1	0	—	14.7	23.5	42	0	00	8	28	3	0	0	—	15.4	21.2	36	0	147
Port Sûdân	01	8	06	4	1	3	8	10	27	70													[illegible]
Wâdi Halfa	18	5	02	4	3	0	—	17	23	24													165
Kareima	18	5	02	6	0	0	—	10	32	12													166
'Atbara	00	7	32	5	0	0	—	6	35	10													167
Khartûm	18	6	30	4	0	0	—	5	36	12													[illegible]
Kassala	00	8	02	3	0	0	—	1	40	11													170
Wad Medani	00	8	02	4	0	0	—	1	41	10													171
Renk	00	9	32	3	0	0	—	1	41	16													182
Roseires	00	8	04	1	0	0	—	0	38	13													172
El Obeid	00	8	22	4	0	0	—	3	36	12													174
El Fâsher	00	8	32	4	0	0	—	—	34	25													175
Geneina																							179
Kadugli	00	8	04	4	0	0	—	1	40	06													187
Malakâl	00	8	04	4	0	3	1	0	41	10													176
Wâu	01	7	04	3	1	4	8	99	41	12													177
Juba	00	8	02	2	0	3	4	99	42	14													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 24th (٢٤)

Matrûh	Mariut	Port Saîd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13h. 15m.	13h. 30m.	h. m.	h. m.	13h. m.	13h. 15m.	h. m.	h. m.	h. m.	13h. m.	h. m.	12h. 30m.	h. m.	12h. 45m.
03 27 45	03 29 45			03 29 65	03 31 20				09 01 40		09 03 25		09 11 05
06 28 50	06 28 80			06 29 90	06 31 20				15 03 20		15 05 55		15 12 10
09 28 70				09 30 85	09 32 20				21 06 10		21 04 35		21 13 10
				12 30 30	15 31 55				24 07 10		27 27 15		27 14 15
				15 30 40	21 30 65						33 27 10		33 13 10
													39 05 05

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.	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
Salûm												—		—				8c
Matrûh	01	9	24	3	2	3	8	20.8	+4.1	11.6	14	-4	7	-3	76	6	63	139
Mariut	01	7	26	3	1	3	6,8	19		15	15	—	—	—	59	4	167	130
Alexandria	02	9	28	4	2	5	4	19.9	+3.0	15.0	15	-5	8	-4	56	4	140	168
Damietta	01	7	20	3	1	3	8	19.5	+3.1	10.5	14	—	6	—	82	dr.	60	89
Port Saîd	01	7	20	4	1	4	6	19.2	+3.3	10.9	—	—	9	-3	81	tr.	42	61
El 'Arîsh	00	7	30	1	0	0	—	17.9	+0.9	14.3	18	-2	8	-1	79	0	51	68
Damanhûr	00	6	28	3	5	0	—	19.4	+3.0	10.8	16	-5	8	-1	89	2	73	81
Mansûra	01	8	18	2	1	4	0	19.9	+3.4	11.0	16	-5	7	-1	83	dr.	25	39
Tanta	02	7	20	3	2	7	6	21.2	+4.3	9.0	16	-6	7	0	87	dr.	47	31
Zagazig	02	6	20	2	1	6	6	20.3	+3.3	9.4	17	-4	8	+1	84	0	6	20
Shebîn el Kôm	00	7	22	3	0	0	—	21.1	+4.0	9.9	16	—	7	—	70	0	14	
Almaza	02	7	20	3	2	7	6,4	21.4	+4.3	10.4	17	—	8	—	66	0	2	
Ezbekîya	45	3	14	2	4	8	6	21.5	+4.4	9.7	17	-6	8	-1	66	0	2	18
Gîza	02	7	14	2	1	5	8	21.9	+4.7	9.1	17	-5	7	0	70	0	13	18
Helwân	05	6	16	1	2	8	6	21.9	+4.6	8.1	16	-5	7	-3	66	0	2	19
Suez	00	9	06	1	0	0	—	21.5	+5.1	13.8	20	-2	8	-3	58	0	—	12
Faiyûm	01	8	26	2	1	4	4	22.8	+5.9	9.0	20	-3	7	-1	60	0	8	6
Minya	00	8	16	2	0	0	—	23.5	+6.0	11.5	19	-4	5	-3	63	0	dr.	
Asyût	00	6	22	1	0	0	—	23.8	+5.8	9.2	18	-6	6	-2	55	0	0	4
Nag Hamâdi	02	8	00	0	2	5	1	23.4	+6.4	11.4	19	—	3	—	58	0	1	
Qena	01	7	26	2	0	4	1	22.6	+6.4	10.8	22	-4	5	-4	63	0	13	
Luxor																	0	
Aswân	00	9	02	4	0	0	—	21.9	+4.9	10.8	23	-4	8	-4	32	0	dr.	—
Sîwa	00	7	00	0	0	0	—	24.0	+5.4	8.5	19	-3	5	-1	93	0	1	6
Baharîya	00	9	00	0	0	0	—	19.4	+1.6	12.0	19	-4	8	+1	76	0	0	7
Khârga																	1	
Dâkhla	00	7	28	1	0	0	—	25.0	+7.0	10.3	19	-6	4	-4	55	0	0	
Tôr	00	7	28	4	0	0	—	20.8	+4.7	15.3	20	-2	11	+1	46	0	0	11
Hurghada	00	9	30	5	0	0	—	19.8	+4.1	16.0	22	-1	13	+2	59	0	1	3
Quseir	00	8	28	4	0	0	—	19.9	+4.5	14.0	26	+2	13	-2	37	0	11	4
Port Sûdân	00	8	30	4	0	2	6	16		23					50	0	17	93
Wâdi Halfa	00	8	32	3	0	0	—	22		11					33	0	tr.	
Kareima	00	7	04	4	0	0	—	16		16					12	0	7	1
'Atbara	00	7	32	5	0	0	—	13		22					19	0	2	2
Khartûm	05	6	30	4	0	0	—	13		21					17	0	3	4
Kassala	00	8	02	3	0	0	—	9		24					61	0	31	8
Wad Medani	05	5	32	4	0	0	—	10		23					15	0	13	12
Renk	00	8	30	4	0	0	—	9		31		—		—	13		—	49
Roseires	00	8	28	2	0	0	—	9		24					30	0	80	36
El Obeid	05	5	30	4	0	0	—	14		19					40	0	44	16
El Fâsher	05	5	32	4	0	0	—		—	17					28	0	2	6
Geneina	05	6	02	5	1	3	4	—	—	18		—		—	24	—	—	4
Kadugli	05	4	28	3	0	0	—	11		24				—	13		—	90
Malakâl	05	4	02	3	1	3	1	7		27					13	0	170	88
Wâu	05	6	32	2	1	8	2	8		24					36	0	113	149
Juba	02	8	12	1	1	7	6,4	7		27					52	0	188	157

Upper Winds are in the Code HHDDVV where HH is Height 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 Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7h. m.	7h. m.	h. m.	8h. 45m.	h. m.	h. m.	7h. m.	7h. m.	7h. 15m.	7h. m.	7h. m.	6h. 30m.
03 28 35	03 30 30		02 17 35			03 33 15	02 36 25	09 03 45	09 02 55	09 03 55	09 03 60
06 28 35	06 30 40		05 19 15			06 32 15	05 36 50	15 02 40	15 02 50	15 03 45	15 02 35
09 29 45	09 30 40		08 29 40			09 30 30	10 01 60	21 32 40	21 01 20	21 01 40	21 01 20
15 29 50	15 30 40		10 28 40			15 29 40		27 31 25	27 33 25	24 33 15	24 01 20
	21 31 50		15 29 35			21 27 50			30 29 30	30 30 45	30 01 20
			20 32 35			30 29 30				39 27 25	39 36 15
			23 31 50								
			Ent. Sc.								

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
h. m.	7h. m.	7h. 15m.	7h. m.	h. m.	h. m.
	09 03 35	09 01 50	09 01 25		
	15 09 20	15 06 —			

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h. ON 25th

34720 01963 20463 13110 40404 01071
34850 01864 26416 13090 50407 97061

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	74	+9	9.1	-2.7
Ezbekîya	49	-12	8.4	-2.7
Gîza	39	-27	8.0	-3.2
Helwân	42	-7	6.8	-3.4

GÎZA — GRASS MINIMUM TEMP ON 25th 3.3° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 25th 16.0° C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
25th	868	868
24th	868	868

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25th				
Nâsser				5.32	+0.19
Malakâl		10.13	-0.24	10.15	-0.23
J. Aulia Res.				376.98	—
J. Aulia D.S				371.69	+0.47
Roseires		12.05	+0.45	12.06	+0.45
Sennar Res.		20.02	—	20.08	—
Khartûm		10.58	+0.24	10.56	+0.23
Kh. el Girba					
'Atbara		10.28	+0.09	10.16	-0.04
Kajnarti		132.26	-0.41	132.36	-0.34
Aswân Res.		119.42	—	119.48	—
Aswân D.S		85.04	-0.92	85.02	-0.95
Roda (Cairo)		16.06	+0.47	16.06	+0.47

PRESENT WEATHER (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	
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	34
Fog or Thick Haze	49
Mod. Fog in last hour	
Thick	
Fog in patches	
Drizzle	59
Rain	69
Rain and Fog	
Rain and Snow	69
Snow	79
Showers	89
Snow	84
Sleet	86
Hail	88, 89
Thunderstorm	99
...ded, now Rain	91
...ith Hail	
...with Duststorm	
...eavy, with Hail	

PAST WEATHER (W)

VISIBILITY (V)

500	2
1 Kilometre	3
20	
50	8
Visible over 50 Kms	9

CLOUD AMOUNT (N)

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

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

DAILY WEATHER REPORT

Time of Sunrise 06 h. 25 m.
Sunset 17 h. 51 m.

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on MONDAY 25th — الساعة ١٤ يوم الاثنين ٢٥ / At 20h. on 25th — الساعة ٢٠ يوم الاثنين 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	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
Salûm																							130
Matrûh	01	9	28	4	1	4	8	20.8	15.6	77	0	00		28	2	1	0	—	23.0	15.2	68	0	131
Mariut	02	7	26	4	2	5	6	20	18	52	0	00	7	26	2	8	1	8	21	15	68	dr.	150
Alexandria	01	9	24	4	5	4	8	20.4	16.7	69	dr.	01	5	26	4	2	3	4	21.8	15.0	70	0	132
Damietta	01	8	20	4	1	5	6,4	19.1	16.7	58	0	00	7	20	2	8	0	—	20.6	12.6	83	dr.	159
Port Saîd	01	8	26	3	1	5	8	19.2	18.7	57	0	50	7	26	3	5	8	9	20.8	14.5	76	dr.	134
El Arîsh	00	7	30	1	0	0	—	19.7	16.5	67	0	00	7	00	0	0	0	—	—	11.2	72	0	135
Damanhûr	02	6	32	3	2	5	4	20.2	17.3	65	0	00	5	32	3	1	0	—	21.5	12.8	89	0	136
Mansûra	03	7	28	3	2	8	9	20.0	16.7	63	0	00	6	28	2	2	0	—	22.0	12.8	82	0	137
Tanta	02	7	24	4	2	7	7	20.3	18.3	55	0	01	7	20	1	1	4	8	22.0	11.5	85	0	138
Zagazig	02	6	32	2	1	5	8	20.4	18.9	56	0	02	6	22	2	1	5	8	21.0	13.1	78	0	139
Shebin el Kom	01	7	22	4	1	4	8	19.9	19.0	49	0	00	7	22	2	1	0	—	21.1	13.0	73	0	—
Cairo: Almâza	03	8	28	3	1	8	6	20.7	18.3	48	0	00	7	00	0	2	0	—	22.0	14.2	67	0	141
Cairo: Ezbekiya	05	7	24	2	2	8	6	21.1	18.1	44	0	00	7	26	1	0	0	—	22.3	14.7	66	0	—
Cairo: Giza	02	8	26	3	2	6	8	21.0	17.7	46	0	00	7	32	1	0	0	—	22.2	13.5	68	0	—
Helwân	03	8	26	2	1	8	8,6	21.0	17.9	39	0	00	7	30	2	0	0	—	22.2	14.9	51	0	143
Suez	02	9	26	2	2	7	4,5	21.0	19.1	33	0	00	9	00	0	0	0	—	22.0	15.8	51	0	144
Faiyûm	01	8	26	4	1	4	6	19.6	19.0	36	0	01	8	26	1	1	3	6	22.6	14.3	59	0	153
Minya	00	9	24	2	1	2	8	21.4	19.0	38	0	00	8	32	1	0	0	—	22.6	13.3	63	0	154
Asyût	00	6	26	2	0	0	—	21.9	18.1	33	0	00	6	30	1	0	0	—	22.0	14.0	57	0	155
Nag Hamâdi	01	8	28	5	1	4	1	20.4	19.0	34	0	00	8	00	0	0	0	—	20.8	13.6	60	0	164
Qena	01	8	26	3	1	4	1	21.1	21.8	30	0	00	6	24	2	0	0	—	21.1			0	156
Luxor	00	7	30	4	0	0	—	20.7	21.0	41	0	00	6	28	2	0	0	—	20.7	15.0	49	0	157
Aswân	01	9	32	5	1	4	1	19.0	20.6	12	0	00	9	32	5	0	0	—	19.5	17.4	24	0	158
Sîwa	02	7	28	2	1	6	4	23.9	19.0	41	0	00		00	0	0	0	—	22.7	13.5	81	0	148
Bahariya	00	9	00	0	0	0	—	—	19.0	38	0	00		00	0	0	0	—	22.0	12.5	71	0	149
Khârga	00	9	32	2	0	0	—	20.4	19.2	23	0	00	9	32	1	0	0	—	20.8	14.3	44	0	151
Dâkhla	00	8	28	4	0	0	—	22.3	18.5	44	0	00	6	28	2	0	0	—	23.4	12.7	46	0	152
Tôr	00	7	28	5	0	0	—	20.0	18.8	45	0	00	7	28	5	0	0	—	20.7	17.2	35	0	146
Hurghâda	01	8	02	5	1	4	8	19.9	18.0	56	0	00	9	30	5	0	0	—	—	17.5	48	0	148
Quseir	00	8	32	5	0	0	—	19.1	20.3	40	0	00	8	32	4	0	0	—	19.1	17.0	45	0	147
Port Sûdân	18	5	32	5	3	0	—	13	26	58													[struck]
Wâdi Halfa	18	5	02	4	0	0	—	18	21	21													165
Kareima	00	8	04	4	0	0	—	13	27	11													166
Atbara	18	5	32	5	0	0	—	10	30	13													167
Khartum	05	6	32	5	0	0	—	8	31	11													[struck]
Kassala	18	5	02	4	0	0	—	4	35	29													170
Wad Medani	00	8	32	6	3	0	—	5	36	12													171
Renk	00	9	30	4	0	0	—	—	34	25													192
Roseires	00	8	28	3	0	0	—	—	27?	66													172
El Obeid	05	5	32	5	0	0	—	7	32	21													174
El Fâsher	05	5	04	2	0	0	—	—	30	13													175
Geneina																							179
Kadugli	09	6	04	4	0	0	—	5	36	09													187
Malakâl	05	6	04	4	1	4	2	4	36	15													176
Wâu	05	5	08	1	3?	8	4,2	5	33	34													177
Juba	01	8	22	1	1	4	6,4	1	38	17													178

UPPER WINDS ON 25th — 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 12h.	Mariut 12h.	Port Saîd 12h. 30m.	Almâza	Minya 13h.	Luxor 13h.	Hurghâda	Wâdi Halfa	Kareima 12h. 45m.	Khartûm 13h.	Kassala	El Obeid 13h.	Malakal 13h.	Juba 13h.
03 29 30	03 35 20	03 27 35		03 32 25	03 34 15			09 02 50	09 01 55		09 01 35	09 03 30	09 27 05
06 29 30	06 34 30	06 27 40		06 32 30	06 34 15			15 02 35			15 03 45	15 02 30	15 28 05
09 30 30	09 34 40	09 38 35		09 31 20	09 34 25			21 01 40			21 01 25		21 27 02
	12 33 35	12 30 40		15 32 30	15 31 25			24 01 30					27 01 05
		15 31 45		21 29 35	21 29 25			30 30 35					33 02 10
		18 30 50		30 29 50	27 30 55								39 36 15
				39 29 75	30 30 65								

Remarks

... standard time long. 30° E. and are ... Greenwich mean time

Discharges at Aswan ...	Date	1946	1945
	26.2	868	868
	25.2	868	868

Station	Mean of day: Humidity % on 25th	Diff from normal	Wet bulb temp. on 25th	Diff from normal
Alexandria	59	−6	12.3	+0.5
Ezbekiya	60	−1	10.2	−1.0
Giza	64	−2	9.8	−1.4
Helwân	53	+4	9.0	−1.3

GIZA — Grass minimum temp on 26th 3.3°

CAIRO — Water temp River Nile at 9h. on 26th 16.0°

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26th			12.60	−0.69
Nâsser				5.27	+0.16
Malakâl		10.13	−0.24	10.13	−0.24
J. Aulia Res.				376.82	
J. Aulia D.S				371.84	+0.64
Roseires				12.05	+0.45
Sennar Res.				20.02	
Khartûm		12.70	+0.35	12.58	+0.24
Kh. el Girba					
Atbara		10.37	+0.19	10.28	+0.09
Kajnarti		132.19	−0.45	132.26	−0.41
Aswân Res.		119.42		119.42	
Aswân D.S		85.04	−0.91	85.04	−0.92
Roda (Cairo)		16.11	+0.53	16.06	+0.47

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

At 8h. on TUESDAY 26th — الساعة ٨ يوم الثلاثاء 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.	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												—		—				81
Matrûh	00	9	20	1	0	0	—	23.2	+6.5	13.0	16	−2	8	−2	70	0	83	140
Mariut	00	7	25	2	0	1	8,4	22		16	18	—	11	—	59	dr.	167	131
Alexandria	01	9	28	2	2	4	8,4	23.0	+6.2	15.4	17	−3	13	+1	62	dr.	140	169
Damietta	04	6	20	2	1	2	8	22.4	+6.0	11.8	18	—	7	—	88	dr.	60	90
Port Saîd	00	6	22	3	5	3	3	21.9	+6.1	12.7	20	0	11	−1	85	dr.	42	62
El Arîsh	00	7	30	1	0	0	—	—	—	13.3	17	−3	8	−1	81	0	51	69
Damanhûr	00	5	28	2	0	0	—	22.8	+6.4	10.3	19	−2	6	−3	89	0	73	82
Mansûra	01	8	24	1	1	4	0	23.0	+6.5	10.2	19	−2	6	−2	90	0	24	40
Tanta	00	8	00	0	0	0	—	23.6	+6.8	8.7	20	−2	5	−2	84	0	47	32
Zagazig	00	6	24	2	0	0	—	23.2	+6.2	11.8	20	−1	7	0	81	0	6	21
Shebîn el Kôm	00	7	22	3	0	0	—	22.6	+5.5	10.2	20	—	7	—	86	0	14	
Cairo: Almâza	05	6	18	1	0	0	—	23.5	+6.4	14.2	18	—	8	—	78	0	2	
Cairo: Ezbekîya	08	4	18	1	0	0	—	23.5	+6.4	10.7	20	−3	8	−1	84	0	2	18
Cairo: Giza	00	6	18	1	0	0	—	23.6	+6.4	11.7	20	−2	6	−1	85	0	13	18
Helwân	05	6	00	0	0	0	—	24.0	+6.7	11.6	19	−2	9	−1	80	0	2	19
Suez	00	9	04	1	0	0	—	23.9	+7.5	12.9	21	−1	9	−2	77	0	—	12
Faiyûm	08	4	00	0	0	0	—	23.6	+6.7	9.0	21	−2	7	−1	76	0	8	6
Minya	00	8	30	2	0	0	—	23.9	+6.5	11.8	21	−2	6	−2	69	0	dr.	—
Asyût	00	6	26	1	0	0	—	23.5	+5.6	10.8	20	−4	6	−2	54	0	0	4
Nag Hamâdi	00	8	28	1	0	0	—	21.9	+5.0	11.9	20	—	9	—	53	0	1	
Qena	00	7	24	2	0	0	—	21.8	+5.7	11.2	24	−3	6	−3	69	0		
Luxor	00	7	28	2	0	0	—	21.8	+5.1	15.8	22	−5	5	−8	42	0	0	
Aswân	00	9	32	3	0	0	—	20.8	+3.9	12.0	21	−6	8	−4	46	0	dr.	
Sîwa	00	7	00	0	0	0	—	24.2	+5.6	8.0	20	−2	3	−3	82	0	1	6
Bahariya	00	9	00	0	0	0	—	—	—	11.0	20	−3	6	−1	75	0	0	7
Khârga	00	9	32	1	0	0	—	22.8	+5.6	12.5	20	−6	7	−2	44	0	1	
Dâkhla	00	7	24	1	0	0	—	24.3	+6.4	10.5	20	−6	5	−3	66	0	0	
Tôr	00	7	32	4	0	0	—	21.2	+5.2	17.2	19	−3	14	+4	35	0	0	11
Hurghâda	00	9	30	4	0	0	—	—	—	16.0	21	−2	13	+2	55	0	1	3
Quseir	00	8	30	5	0	0	—	19.9	+4.6	17.4	22	−2	14	−1	53	0	11	4
Port Sûdân	18	5	30	5	0	5	6	16		21					57	0	17	93
Wâdi Halfa	00	8	02	2	0	0	—	21		11					62	0	tr.	
Kareima	00	8	02	3	0	0	—	17		16					20	0	7	1
Atbara	00	8	32	5	0	0	—	14		17					37	0	2	2
Khartum	00	7	32	4	0	0	—	13		19					18	0	3	4
Kassala	01	8	10	1	0	5	2	9		23					53	0	31	8
Wad Medani	02	6	32	4	1	7	1	12		21					11	0	13	12
Renk	00	9	30	4	0	0	—	9		22		—			25	—	—	49
Roseires	00	8	32	1	0	0	—	10		23					32	0	80	36
El Obeid	01	7	30	5	0	5		14		19					40	0	44	16
El Fâsher	05	6	02	2	0	0	—	—	—	15					25	0	2	6
Geneina	01	7	02	4	0	3	1	—	—	17		—		—	09	—	—	4
Kadugli	01	7	32	3	1	4	1	12		24		—		—	09	—	—	90
Malakâl	05	7	02	3	1	5	4,5	10		24					14	0	170	88
Wâu	01	7	24	2	0	3	4	10		25					19	0	113	149
Juba	05	6	20	2	1	8	2	11		26					37	0	188	158

UPPER WINDS ON 26th — الثلاثاء 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 7h.	Mariut 7h. 15m.	Port Saîd 6h. 45m.	Helwân 9h.	Minya	Asyût	Luxor 7h.	Aswân 7h.	Wâdi Halfa 7h. 15m.	Abu Hamad 7h. 30m.	Kareima 7h. 15m.	Khartum 7h. 15m.
03 25 15	03 29 20	03 29 25	02 30 05			03 36 18	02 01 25	09 02 40	09 03 40	09 04 55	09 03 50
06 30 10	06 29 20	06 30 25	05 35 15			06 01 25	05 03 30	15 03 30	15 03 25	15 05 55	15 02 30
09 31 15	09 28 20	09 30 20	08 34 25			09 01 20	10 04 25	21 34 15	21 01 20	21 05 30	21 34 20
15 29 30	12 34 30	15 28 05	10 33 30			15 36 20	15 02 10		27 26 15	24 01 20	24 33 25
21 27 30	15 32 35	21 32 30	14 33 50			21 01 20	20 36 25		33 28 45	30 36 25	
24 27 45		27 32 55				27 30 30	25 34 20		39 28 —		
						30 31 20	30 31 30				
						36 29 20	35 32 20				
							40 31 —				

Kassala	Port Sûdân 7h. 15m.	El Obeid 7h.	El Fâsher 7h.	Geneina	Malakal 7h. 30m.
	09 03 45	09 36 25	09 06 20		09 03 55
		15 02 35	15 04 20		15 04 55
		21 03 30	21 04 15		
		27 05 20			

Upper Air Temp — Almâza at ... G.M.T. on ...

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

Cyprus Synoptic 8h. on 26th

34720 00961 08101 19090 60307 00041
34880 02865 02215 20080 60306 03051

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
Squalls	13
Slight Duststorm	14
Rain in past hour	20-29
Slight Thunderstorm	38
Heavy Thunderstorm	
Duststorm	
Fog or Thick mist	
Fog in patches	
Drizzle	
Rain	
Rain and Fog	
Rain and Snow	
Snow	
Thunderstorm	

Visibility (V): ... 50 — 8; Visible over ... — 9

Cloud Amount (N)

Clear, 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	1
Cirro-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 24
Sunset h. m. 17 52

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month FEBRUARY 1946 — شهر فبراير ١٩٤٦

At 14h. on TUESDAY 26th (الساعة ١٤ يوم ٢٦) — At 20h. on 26th (الساعة ٢٠ يوم الثلاثاء ٢٦)

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
SALUM																							130
MATRUH	01	9	28	1	0	4	8	22.7	16.4	68	0	00		28	3	1	0	—	24.6	14.2	61	0	131
MARIUT	01	7	25	4	1	4	6,8,9	22	17	60	0	00	7	28	1	1	2	6	23	14	77	0	150
ALEXANDRIA	01	9	28	3	2	4	8	22.4	17.0	52	0	00	5	32	2	5	0	—	23.5	14.0	76	dr.	132
DAMIETTA	01	8	28	4	1	3	8	21.6	17.0	57	0	01	7	28	2	1	3	8	22.2	14.5	70	0	159
PORT SAID	00	7	26	4	0	3	8	21.2	18.9	47	0	00	7	28	3	0	0	—	21.9	14.3	75	0	134
EL ARISH	00	7	20	2	0	0	—	—	19.2	69	0	00	7	20	1	0	0	—	—	12.5	72	0	135
DAMANHUR	01	7	28	3	1	3	8	22.0	17.3	62	0	00	6	32	2	0	0	—	22.8	13.2	94	0	136
MANSURA	01	8	28	1	1	4	0	21.8	18.4	48	0	01	6	28	2	1	4	0	23.2	14.0	76	0	137
TANTA	01	8	24	2	1	4	8	21.9	20.7	50	0	00	8	00	0	1	0	—	22.6	12.0	89	0	138
ZAGAZIG	01	6	28	2	1	4	8	21.4	20.4	48	0	00	6	24	2	0	0	—	21.0	13.4	75	0	139
SHEBIN EL KOM	01	8	26	3	1	4	8	21.1	20.2	46	0	00	8	22	2	1	0	—	21.8	12.1	76	0	—
CAIRO ALMAZA	01	7	30	2	0	3	8	21.8	19.0	36	0	00	7	03	2	0	0	—	23.1	14.7	61	0	141
CAIRO EZBEKIYA	00	8	30	1	0	3	8	21.8	19.7	40	0	00	7	30	2	0	0	—	22.8	14.6	65	0	—
CAIRO GIZA	00	8	02	2	1	2	8	21.8	18.9	43	0	00	7	02	2	0	0	—	22.7	14.4	62	0	—
HELWAN	00	8	26	2	0	1	8	21.6	17.6	37	0	00	7	32	4	0	1	6	22.7	15.0	55	0	143
SUEZ	01	9	32	1	1	3	3	21.5	19.3	38	0	00	9	02	2	0	0	—	22.3	15.9	59	0	144
FAIYUM	00	8	30	2	0	1	8	21.9	19.0	38	0	00	8	30	1	0	1	8	22.8	13.2	61	0	153
MINYA	00	9	28	3	0	0	—	21.8	19.4	37	0	00	8	28	2	0	0	—	22.2	15.0	60	0	154
ASYUT	00	7	30	2		0	—	20.0	19.1	26	0	00	6	22	1	0	0	—	21.8	15.8	38	0	155
NAG HAMADI	00	8	28	2	0	0	—	17.8	23.2	26	0	00	8	00	0	0	0	—	18.4	13.6	58	0	164
QENA	00	9	28	1	0	0	—	17.4	24.1	32	0	00	6	28	2	0	0	—	17.9	18.0	44	0	156
LUXOR	00	7	30	2	0	0	—	17.8	24.0	33	0	00	7	28	4	0	0	—	18.4	18.8	31	0	157
ASWAN	00	9	30	4	0	0	—	17.1	22.7	20	0	00	9	32	4	0	0	—	17.8	19.5	21	0	158
SIWA	00	8	23	1	0	0	—	24.4	20.5	69	0	00		00	0	0	0	—	—	11.0	75	0	148
BAHARIYA	00	9	00	0	0	0	—	—	19.0	46	0	00		32	1	0	0	—	22.0	12.0	76	0	149
KHARGA	00	9	32	1	0	0	—	19.0	20.2	25	0	00	9	32	1	0	0	—	20.2	19.3	22	0	151
DAKHLA	00	8	28	2	0	0	—	21.9	19.9	45	0	00	6	28	2	0	0	—	22.8	14.2	48	0	152
TOR	00	7	28	5	0	0	—	19.4	19.5	52	0	00	7	28	5	0	0	—	21.9	18.2	44	0	145
HURGHADA	00	9	02	4	0	0	—	19.0	19.0	50	0	00	9	26	4	0	0	—	19.3	17.5	48	0	146
QUSEIR	00	8	32	3	0	0	—	18.6	21.6	53	0	00	8	32	3	0	0	—	19.4	18.8	44	0	147
PORT SUDAN	18	5	02	5	3	2	6	11	26	58													169
WADI HALFA	00	8	02	3	0	0	—	17	24	24													165
KAREIMA	00	8	02	4	0	0	—	13	28	14													166
ATBARA	00	7	30	4	0	0	—	—	31	12													167
KHARTUM	00	7	32	4	0	2	1	9	31	17													168
KASSALA	00	8	30	2	0	0	—	4	36	22													170
WAD MEDANI	01	8	32	5	1	4	1	6	34	12													171
RENK	00	9	28	3	0	0	—	4	34	20													182
ROSEIRES	00	8	28	2	0	0	—	6	37	20													172
EL OBEID	01	8	30	4	1	5	2	8	30	11													174
EL FASHER	05	6	02	3	1	5	1,2	—	28	13													175
GENEINA																							179
KADUGLI	01	8	04	4	1	4	1	6	35	09													187
MALAKAL	01	8	02	3	1	3	1,2	5	30	18													176
WAU	05	6	32	1	1	0	—	7	33	10													177
JUBA	02	7	26	2	1	8	2	5	34	19													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

MATRUH 13h.	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR 13h.	HURGHADA	WADI HALFA 12h. 45m.	KAREIMA 13h.	KHARTUM 13h.	KASSALA	EL OBEID 13h.	MALAKAL 13h. 30m.	JUBA 12h. 30m.
03 33 15					03 34 15		09 01 35	09 02 20	09 01 35		09 01 30	09 03 30	09 28 10
06 31 20					06 35 15		15 01 20	15 36 20	15 35 25		15 01 25	15 03 40	15 07 10
09 30 25					09 36 15		21 34 10	21 33 20	21 31 25		21 01 30	21 03 40	21 05 15
12 30 30					15 35 20		27 28 20	24 29 25	24 30 20		27 02 30	27 04 20	27 06 05
					21 31 15		33 22 45	30 30 30	30 34 30		33 01 10	33 05 35	33 03 15
					30 28 30		39 24 30		36 30 20		39 02 20	39 05	39 03 20
					45 28 —								

NOTES

[illegible] Sudan standard time (long. 30° E) and are [illegible] Greenwich mean time

STATION	Humidity % on 26th	Diff. from normal	Wet bulb temp. °C on 26th	Diff. from normal
Alexandria	65	0	11.9	0.0
Ezbekiya	68	+7	11.2	−0.1
Giza	68	+2	11.3	0.0
Helwan	63	+14	10.5	+0.1

GIZA — GRASS MINIMUM TEMP ON 27th 2.8 °C

CAIRO — WATER TEMP RIVER NILE AT 9h. ON 27th 16.4 °C

Discharges at Aswan measured by sluices m³ per sec. DATE	1946	1945
27-2	868	868
26-2	868	868

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27th			12.60	−0.69
Nâsser					
Malakâl		10.13	−0.23	10.12	−0.24
J. Aulia Res				376.78	
J. Aulia D.S				371.93	+0.74
Roseires		11.98	+0.41	12.04	+0.46
Sennar Res.				19.98	
Khartûm		10.75	+0.38	10.70	+0.35
Kh. el Girba					
Atbara		10.42	+0.26	10.37	+0.19
Kajnarti		132.14	−0.47	132.19	−0.45
Aswân Res.		119.38		119.42	
Aswân D.S		85.04	−0.90	85.04	−0.91
Roda (Cairo)		16.11	+0.53	16.11	+0.53

At 8h. on WEDNESDAY 27th (الساعة ٨ يوم الأربعاء 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												—		—				82
MATRÛH	02	9	26	1	0	5	8	24.8	+8.1	13.6	18	−1	9	−1	82	0	83	141
MARIUT	00	8	00	0	0	2	6	23		17	19	—	13	—	60	tr.	168	131
ALEXANDRIA	01	9	04	2	2	4	8	24.2	+7.4	16.0	18	−2	13	+1	59	dr.	140	170
DAMIETTA	04	5	12	1	1	3	8	23.1	+6.8	13.4	18	—	8	—	85	0	60	91
PORT SA'ÎD	01	7	30	3	1	4	1	22.8	+7.0	15.9	19	−1	11	−1	76	0	42	62
EL 'ARÎSH	00	7	20	1	0	0	—	—	—	14.3	19	−1	9	0	72	0	51	69
LOWER EGYPT DAMANHÛR	01	5	28	3	1	3	8	23.6	+7.2	10.8	20	−1	8	−1	93	0	73	83
MANSÛRA	01	8	02	1	5	3	6	23.4	+7.0	13.4	21	0	9	+1	77	dr.	35	40
ṬANṬA	00	8	00	0	0	0	—	24.2	+7.4	11.0	22	0	6	−1	87	0	47	32
ZAGAZIG	00	6	26	1	0	0	—	22.4	+5.5	10.2	22	0	7	0	90	0	6	21
SHEBÎN EL KÔM	00	7	30	1	0	0	—	23.0	+5.9	10.2	23	—	7	—	87	0	14	—
MIDDLE EGYPT CAIRO ALMAZA	05	6	00	0	1	4	8	23.7	+6.6	12.2	20	—	7	—	78	0	2	—
CAIRO EZBEKÎYA	09	6	26	1	1	4	6	24.0	+6.9	11.4	21	−2	8	−1	84	0	2	18
CAIRO GÎZA	01	6	30	1	1	4	8	23.9	+6.8	10.9	20	−2	5	−2	92	0	13	18
ḤELWÂN	09	5	00	0	0	3	0	23.8	+6.6	10.6	19	−2	8	−2	80	0	2	19
SUEZ	00	9	02	1	0	0	—	23.8	+7.5	11.4	21	−1	9	−2	76	0		12
UPPER EGYPT FAIYÛM	00	8	30	2	0	0	—	23.9	+7.1	11.0	20	−3	8	0	85	0	8	6
MINYA	00	8	32	2	0	0	—	23.8	+6.4	11.7	20	−3	7	−1	81	0	dr.	—
ASYÛṬ	00	6	22	1	0	0	—	23.0	+5.2	10.0	21	−3	5	−3	74	0	0	4
NAG' ḤAMÂDI	00	8	28	1	0	0	—	21.5	+4.7	14.3	24	—	8	—	56	0	1	—
QENA	00	7	22	3	0	0	—	20.8	+4.7	12.8	27	0	7	−2	64	0		—
LUXOR	00	7	28	3	0	0	—	20.4	+3.8	17.0	25	−2	10	−2	34		0	—
ASWÂN	00	9	30	4	0	0	—	19.4	+2.6	13.0	24	−3	10	−2	37	0	dr.	
WESTERN DESERT SÎWA	00	7	00	0	0	0	—	25.4	+6.9	6.0	21	−8	1	−5	85	0	1	6
BAHARÎYA	00	9	00	0	0	0	—	—	—	11.0	20	−3	6	−1	75	0	0	7
KHÂRGA	00	9	32	1	0	0	—	21.0	+3.9	13.0	22	−4	9	0	63	0	1	—
DÂKHLA	00	7	28	3	0	0	—	24.2	+6.4	13.0	21	−5	8	0	55	0	0	—
RED SEA TÔR	00	7	32	4	0	0	—	19.9	+3.9	16.1	20	−2	14	+4	34	0	0	11
HURGHÂDA	00	9	30	4	0	0	—	19.0	+3.4	16.5	22	−1	13	+2	56	0	1	3
QUSEIR	00	8	32	5	0	0	—	17.5	+2.2	18.6	23	−1	16	+1	47	0	11	4
PORT SÛDÂN	00	8	28	3	0	1	6,2	14		22					61	0	17	93
NORTH SÛDÂN WÂDI ḤALFA	00	8	02	2	0	0	—	20		12					41	0	tr.	—
KAREIMA	00	8	32	5	0	1	1,2	17		14					36	0	7	1
'ATBARA	00	7	32	5	0	3		15		18					30	0	2	2
KHARTÛM	01	8	30	3	0	3	1	15		18					26	0	3	4
KASSALA	00	8	02	3	0	2	1	11		21					38	0	31	8
CENTRAL SÛDÂN WAD MEDANI	01	9	32	5	1	4	1	13		20					15	0	13	12
RENK	00	9	30	3	0	0	—	11		22	—			—	25	—	—	49
ROSEIRES	00	8	28	1	0	0	—	—		19					37	0	80	36
EL OBEID	00	9	30	5	0	2	1	16		17					14	0	44	16
EL FÂSHER	00	8	30	4	0			—	—	15					25	0	2	6
GENEINA	02	8	02		1	5	2	—	—	16	—			—	15	—	—	4
KADUGLI	01	8	04	3	1	4	1	13		22	—			—	13	—	—	90
S. SÛDÂN MALAKÂL	00	7	02	4	0	0	—	12		24					15	0	170	88
WÂU	00	9	32	3	0	0	—	13		22					29	0	113	149
JUBA	02	7	32	2	1	8	2	13		24					61	0	188	159

Upper Winds are in the Code HHDDVV where HH is Height 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. 15m.	MARIUT 7h.	PORT SA'ÎD 6h. 45m.	HELWÂN 8h. 45m.	CAIRO 9h.	ASWAN 7h.	LUXOR 7h.	KHARTUM 8h. 30m.	WÂDI HALFA	ABU HAMAD 9h.	KAREIMA 6h. 40m.	KHARTÛM
03 28 20	03 35 20	03 26 15	02 34 15	02 35 10	02 36 30	03 34 30	09 02 40		09 36 40	09 02 40	
06 28 20	06 34 20	06 01 15	05 01 25	05 01 25	05 36 55	06 35 30	18 36 40		15 30 30	15 35 40	
09 28 20	09 34 20	09 01 20	08 01 30	08 01 30	10 01 30	09 36 40	21 25 50		21 32 35	21 31 35	
15 29 25	15 36 15	15 01 15	10 01 30	10 01 30	15 35 40	15 36 35	27 30 40		27 28 40	24 29 40	
24 30 25	21 01 25	21 01 25	15 02 30	15 03 35		21 34 40	33 29 55		33 27 40	33 28 55	
30 31 30	30 34 30	30 01 35	20 03 45	20 02 40		30 33 40	39 29 60		39 26 —	39 29 —	
			23 01 35	22 02 50							
			26 03 35								
			30 02 30								

KASSALA	PORT SÛDÂN 7h. 15m.	EL OBEID 7h.	EL FÂSHER 7h.	GENEINA	MALAKAL 7h.
	09 26 30	09 01 30	09 01 30		09 01 60
	15 26 20	15 03 40	15 31 40		18 02 60
	21 32 10	21 34 25	21 05 20		21 03 50
	27 32 20	27 32 20	27 15 40		27 03 40
	33 31 40		33 12 10		33 03 30

UPPER AIR TEMP ALMÂZA AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h. ON 27th

34700 00990 26200 22110 40206 00062
34850 00951 22201 24080 60208 00001

PRESENT WEATHER 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
[illegible]	5
[illegible]	6
Overcast	7
[illegible]	8
Fog or Dust	9

WIND FORCE (F)

Calm	0	0
Almost calm	[illegible]	1
Very light	[illegible]	2
Light	[illegible]	3
Moderate	[illegible]	4
Fresh	21-35	5
Strong	36-45	6
Very strong	46-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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

CAIRO
Time of Sunrise h. 06 m. 23
Sunset h. 17 m. 53

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *February* 1946 — شهر فبراير ١٩٤٦ — 1417 F.C.

At 14h. on 27th (الساعة ١٤ يوم ٢٧) and At 20h. on 27th (الساعة ٢٠ يوم ٢٧)

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 h. 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 h. mms	Station Number
Salûm																							130
Matrûh	01	9	30	2	2	4	8	25.5	16.6	83	0	00	—	00	0	0	0	—	25.5	14.5	86	0	131
Mariut	00	8	31	3	0	3	3	23	18	52	0	00	7	02	1	0	0	—	25	13	41	0	150
Alexandria	00	9	32	1	0	0	—	24.0	18.0	55	0	00	5	08	2	0	0	—	25.4	15.0	68	0	132
Damietta	01	8	30	3	1	4	8	23.0	17.2	60	0	01	7	22	1	1	3	8	24.4	13.2	89	0	159
Port Saîd	01	8	32	3	1	4	8	23.2	19.7	59	0	00	8	32	2	0	2	8	24.3	14.5	75	0	134
El 'Arîsh												00	7	00	0	0	0	—	—	14.5	69	0	135
Damanhûr	01	7	32	3	1	4	8	23.4	18.2	58	0	00	6	32	2	1	0	—	24.7	12.3	93	0	136
Mansûra	01	8	02	2	1	4	8	23.2	19.2	51	0	00	6	02	1	1	0	—	25.2	13.0	83	0	137
Tanta	02	8	32	2	1	5	8	23.0	20.0	55	0	00	8	00	0	0	0	—	25.4	10.0	92	0	138
Zagazig	01	6	32	3	1	4	8	22.7	19.1	59	0	00	6	32	2	0	0	—	25.0	12.4	89	0	139
Shebîn el Kôm	01	7	30	3	1	4	8	22.3	19.2	52	0	00	7	30	2	1	0	—	24.0	12.4	79	0	—
Cairo Almaza	01	7	06	3	1	5	8	22.2	19.8	39	0	00	7	05	2	1	2	0	24.6	15.5	61	0	141
Cairo Ezbekîya	01	9	02	3	1	6	8	22.7	20.3	44	0	00	7	02	2	0	0	—	24.7	14.9	74	0	—
Cairo Gîza	01	6	30	3	1	4	8	23.1	18.8	43	0	00	7	32	2	1	1	8	24.4	15.4	66	0	—
Helwân	01	8	32	4	2	5	8	22.3	18.9	38	0	00	6	02	5	1	3	8	24.4	15.1	56	0	143
Suez	02	9	02	2	2	5	4	22.4	18.8	43	0	00	9	32	1	0	0	—	24.2	14.7	63	0	144
Faiyûm	01	8	02	4	1	4	8	21.9	19.5	39	0	01	8	02	2	1	4	8	23.9	16.0	60	0	153
Minya	01	8	32	3	1	4	8	22.3	19.2	47	0	00	8	32	3	1	0	—	22.7	15.0	66	0	154
Asyût	00	7	28	2	0	0	—	20.8	18.8	33	0	00	6	28	1	0	0	—	21.8	16.0	50	0	155
Nag' Hamâdi	00	8	32	2	0	0	—	18.2	21.8	28	0	00	8	28	1	0	0	—	19.5	13.9	58	0	164
Qena	00	8	22	2	0	0	—	17.5	23.0	29	0	00	6	26	2	0	0	—	19.0	17.3	36	0	156
Luxor	00	7	30	2	0	0	—	18.6	23.0	31	0	00	6	28	1	0	0	—	19.4	15.0	49	0	157
Aswân	00	9	32	4	0	0	—	17.2	22.3	10	0	00	9	32	3	0	0	—	18.4	18.0	60	0	158
Sîwa	00	8	00	0	0	0	—	25.5	21.0	78	0	00	—	00	0	0	0	—	24.2	13.0	85	0	148
Baharîya	00	9	32	1	0	0	—	—	18.5	42	0	00	—	00	0	0	0	—	22.3	11.5	70	0	149
Khârga	00	9	32	2	0	0	—	20.0	20.6	19	0	00	9	32	2	0	0	—	19.4	17.2	37	0	151
Dâkhla	00	8	32	5	0	0	—	21.8	20.1	34	0	00	6	28	2	0	0	—	23.0	14.2	38	0	152
Tôr	00	7	28	5	0	0	—	18.6	19.9	55	0	00	7	28	5	0	0	—	20.6	19.9	55	0	145
Hurghâda	00	9	02	4	0	0	—	19.0	19.0	50	0	00	9	28	3	0	0	—	17.9	17.5	48	0	146
Quseir	00	8	32	5	0	0	—	18.2	22.4	48	0	00	8	32	3	0	0	—	17.2	17.3	37	0	147
Port Sûdân	00	7	03	4	0	0	—																168
Wâdi Halfa	00	7	02	4	0	0	—	17	24	18	0												165
Kareima	00	8	02	4	0	0	—	14	27	11	0												166
'Atbara	00	7	32	5	0	2	1	11	28	10	0												167
Khartûm	00	8	32	2	0	0	—	11	29	17	0												169
Kassala	00	8	30	3	1	1	1	7	32	14	0												170
Wad Medani	00	8	32	6	1	0	—	11	33	19	0												171
Renk	00	9	28	3	0	0	—	7	32	21	0												182
Roseires	00	8	04	1	0	0	—	—	33	19	0												172
El Obeid	00	7	02	5	0	2	1	11	28	22	0												174
El Fâsher	01	8	04	4	1	4	2	—	28	13	0												175
Geneina	01	8	02	4	1	5	2	—	28	13	0												179
Kadugli	01	8	32	4	1	4	1	9	33	20	0												187
Malakâl	00	8	32	4	0	0	—	4	33	13	0												176
Wâu	00	7	28	1	0	0	—	8	34	12	0												177
Juba	02	8	28	4	1	8	1	7	35	22	0												178

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. 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 Oct. 1 mms	Normal from Oct. 1 mms
Salûm												—		—				83
Matrûh	00	9	18	1	0	0	—	24.2	+7.5	12.4	17	-2	8	-2	99	0	83	142
Mariut	00	7	00	0	0	0	—	24	—	15	19	—	8	—	77	0	168	182
Alexandria	00	9	00	0	0	0	—	24.8	+8.1	14.8	20	0	11	-1	70	0	140	170
Damietta	01	8	28	2	1	4	8	24.8	+8.5	14.8	18	—	8	—	69	0	60	92
Port Saîd	01	8	02	2	1	5	6	23.9	+8.1	14.5	21	+1	13	+1	72	0	42	63
El 'Arîsh	00	7	20	1	0	0	—	—	—	14.3	18	-2	9	0	72	0	51	70
Damanhûr	00	5	32	2	0	0	—	24.8	+8.4	11.0	20	-1	6	-3	90	0	73	84
Mansûra	01	8	16	1	1	3	0	25.0	+8.6	13.2	20	-2	8	0	80	0	25	40
Tanta	00	8	00	0	0	0	—	25.1	+8.3	9.3	22	0	2	-5	98	0	47	32
Zagazig	01	6	00	0	1	4	8	25.3	+8.4	8.2	21	-1	4	-3	100	0	6	21
Shebîn el Kôm	00	8	30	1	0	0	—	23.8	+6.8	8.8	21	—	5	—	92	0	14	—
Cairo Almaza	05	4	18	1	4	3	0,4,5	24.9	+7.9	8.5	21	—	7	—	93	0	2	—
Cairo Ezbekîya	08	4	04	1	1	4	4	24.7	+7.7	10.2	22	-1	7	-2	89	0	2	18
Cairo Gîza	08	4	30	1	1	3	8	25.0	+7.9	9.9	21	-1	7	0	94	0	13	18
Helwân	05	6	02	3	1	1	6	24.6	+7.4	11.9	20	-1	7	-3	75	0	2	19
Suez	00	9	32	1	0	0	—	24.4	+8.1	12.8	21	-1	8	-3	72	0	—	12
Faiyûm	01	8	32	2	1	3	4	24.4	+7.6	11.0	20	-3	8	0	82	0	8	6
Minya	01	7	30	3	1	3	3	24.0	+6.7	12.0	20	-3	7	-1	84	0	dr	—
Asyût	01	6	22	1	1	3	2	23.0	+5.3	10.5	20	-4	6	-2	79	0	0	4
Nag' Hamâdi	00	8	32	1	0	0	—	22.0	+5.2	12.6	22	—	5	—	64	0	1	—
Qena	01	7	26	2	0	3	—	21.5	+5.5	12.0	25	-2	7	-2	72	0	13	—
Luxor	00	7	28	2	0	0	—	22.3	+5.7	15.0	25	-3	6	-3	49	0	0	—
Aswân	00	9	28	1	0	0	—	20.3	+3.6	13.5	23	-4	9	-3	41	0	dr	—
Sîwa	02	7	00	0	1	7	1	23.9	+5.4	7.0	23	0	4	-2	85	0	1	6
Baharîya	00	9	00	0	0	0	—	23.7	+6.2	10.0	19	-4	6	-1	68	0	0	7
Khârga	00	9	32	4	0	0	—	20.8	+3.7	14.0	21	-5	8	-1	56	0	1	—
Dâkhla	00	7	04	1	0	0	—	23.6	+5.9	14.6	21	-5	7	-1	67	0	0	—
Tôr	00	7	04	3	0	0	—	21.5	+5.6	14.1	20	-2	8	-2	46	0	0	11
Hurghâda	01	8	30	4	0	0	—	19.0	+3.4	16.2	22	-1	13	+2	54	0	1	3
Quseir	00	8	32	4	0	0	—	19.4	+4.2	19.4	24	0	17	+2	61	0	11	4
Port Sûdân	18	6	30	5	0	1	6	16		22					61	0	17	93
Wâdi Halfa	00	8	32	1	0	0	—	21		11					54	0	tr	—
Kareima	00	8	04	3	0	0	—	19		13					29	0	7	1
'Atbara	00	7	32	4	0	0	—	16		16					28	0	2	2
Khartûm	00	8	32	3	0	1	1	16		16					19	0	3	4
Kassala	00	8	00	0	0	0	—	13		18					56	0	31	8
Wad Medani	01	7	32	5	1	4	1	15		18					17	0	13	12
Renk	00	9	32	3	0	0	—	12		20		—		—	26	—		49
Roseires	00	8	30	1	0	0	—	—		23					15	0	80	36
El Obeid	00	9	30	4	0	0	—	17		14					17	0	44	16
El Fâsher	00	8	32	3	0	0	—	—	—	12					26	0	2	6
Geneina	00	8	02	4	0	0	—	—	—	15		—		—	16	0	—	4
Kadugli	00	8	04	4	0	0	—	14		20		—		—	12	—	—	90
Malakâl	00	8	32	5	0	0	—	12		21					15	0	170	88
Wâu	00	8	32	3	0	0	—	13		22					16	0	113	149
Juba	05	6	00	0	0	0	—	13		22					53	0	188	160

PRESENT WEATHER (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; 100 1; 200 2; ½ Kilometre 3; 1 4; 2 5; 4 6; 10 7; 20 8; 50 9; Visible over 50 kms.

CLOUD AMOUNT (N): Clear 0; Trace 1; 1/10 2; ... Overcast; Fog or Dust

Upper Winds

Upper Winds are in the Code HHDDVV where HH is Height 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

Matrûh 12 h.	Mariut	Port Saîd	Almaza	Minya 13 h.	Luxor 13 h.	Hurghâda	Wâdi Halfa 13 h. 48 m.	Kareima 12 h.	Khartûm 13 h.	Kassala	El Obeid 13 h.	Malakal 13 h.	Juba 13 h. 15 m.
03 31 15				03 01 20	03 35 30		09 36 30	09 01 20	09 35 35	—	09 01 35	09 02 30	09 25 20
06 35 15				06 01 20	06 35 30		15 34 40	18 01 35	15 36 35	—	15 02 40	15 01 30	15 01 20
09 36 10				09 36 25	09 34 25			21 36 35	21 32 35	—	21 03 40	21 36 25	21 02 55
12 01 10				15 01 15	15 33 30			24 35 30			27 05 25	27 35 20	27 03 35
15 03 15				21 01 15	21 35 35			33 32 05			33 12 15		33 05 20
18 36 10					30 02 50			39 31 45			39 17 10		39 10 15

Upper Winds on 28th (الرياح العليا يوم ٢٨)

Matrûh 7 h.	Mariut 7 h.	Port Saîd 7 h.	Helwân 8 h. 45 m.	Minya	Asyût	Luxor 7 h.	Aswân 7 h.	Wâdi Halfa 7 h. 15 m.	Abu Hamad 7 h.	Kareima 7 h.	Khartûm 7 h. 15 m.
03 03 15	03 07 05	03 04 15	02 05 15			03 05 15	02 36 15	09 04 40	09 01 45	09 02 55	09 02 50
06 30 05	06 02 10	06 04 15	05 04 30			06 04 20	05 02 30	15 03 40	15 02 30	15 02 55	15 03 35
09 29 15	09 34 05	09 04 15	08 03 35			09 05 30	10 05 60	21 03 35	21 32 10	21 01 20	21 36 35
15 35 15	15 34 10	15 08 15	10 03 30			15 06 30	15 06 30	27 01 45	27 33 20	24 32 15	24 36 35
21 25 20	21 33 05	21 01 05	15 06 25			21 10 30	20 04 35	33 01 40	33 30 20	30 24 25	
			20 01 15			27 11 30	25 04 40	39 35 05	39 32 40	39 33 30	
			23 35 05								
			25 36 10								
			30 01 25								

Kassala	Port Sûdân 7 h.	El Obeid 7 h.	El Fâsher 7 h.	Geneina 7 h.	Malakal 7 h.
	09 01 50	09 02 65	09 01 25	09 05 50	09 01 75
	15 36 30	15 03 60	15 03 20	15 07 40	15 02 70
		21 05 25	21 05 25	21 32 20	21 05 35
		27 20 20	27 05 25	27 32 20	27 08 40
		33 25 30	33 36 20	33 35 20	33 35 20
			39 32 30	39 31 45	39 32 20

Upper Air Temp. Almaza at 23.30 G.M.T. on 27–28 Feb.

Height feet	P.P.P. m.b.	T.T. °F	T.d. °F
Surface	1014	52	49
500	995	53	50
1000	978	51	49
1500	960	50	48
2000	942	48	44
4000	876	40	37
6000	813	42	29
8000	753	37	29
10000	697	27	21
12000	645	21	18
14000	596	11	10
16000	550	6	5

CYPRUS SYNOPTIC 8h. ON 28th
34830 00461 22201 25080 70403 00040
34700 00990 30200 24 HX

WIND FORCE (F): Calm 0; Almost calm 1; Very light 2; Light 3; Moderate 4; Fresh 5; Strong 6; Very strong 41-54 7; Gale 55-65 8; Strong gale 66-77 9; Whole gale 78-90 10; Storm 91-104 11; Hurricane 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 0; Cirro-stratus 2; Cirro-cumulus 3; Alto-cumulus 4; Alto-stratus 5; Strato-cumulus 6; Nimbo-stratus 7; Cumulus 8; Cumulo-nimbus 9; Stratus 0

Notes

Hours are Egyptian Standard Time, ... and are ... hours ... Greenwich Mean Time.

Mean of day

Station	Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	59	-6	12.4	+0.5
Ezbekîya	73	+12	12.1	+0.8
Gîza	74	+9	11.6	+0.2
Helwan	63	+14	10.6	+0.1

GÎZA — GRASS MINIMUM TEMP. ON 28th 4.3 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 28th 16.7 °C

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.60	-0.69
Nâsser	28			5.19	+0.09
Malakâl		10.12	-0.23	10.13	-0.23
J. Aulia Res.				376.73	—
J. Aulia D.S				371.98	+0.80
Roseires		11.97	+0.41	11.98	+0.41
Sennar Res.				19.92	—
Khartûm				10.75	+0.38
Kh. el Girba					
'Atbara		10.44	+0.29	10.42	+0.26
Kajnarti				132.14	-0.47
Aswân Res.		119.38	—	119.38	—
Aswân D.S		85.02	-0.91	85.06	-0.90
Roda (Cairo)		16.18	+0.66	16.11	+0.53

Discharges at Aswân measured by sluices m.³ per sec.	1946	1945
28-2	868	868
27-2	868	868

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO

Time of Sunrise h. m. 06 22
Sunset h. m. 17 53

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month March 1946 — شهر مارس ١٩٤٦

At 14h. on Thursday 28th Feb. — 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	°C Temp. TTT	% Humidity UU	Rain 8-14 h. mms
MEDITERRANEAN											
SALUM											
MATRUH	00	9	06	1	0	0	–	22.4	18.1	70	0
MARIUT	00	7	31	3	1	2	8	23	18	52	0
ALEXANDRIA	01	9	08	2	2	4	8	22.9	18.0	56	0
DAMIETTA	01	6	30	3	1	3	8	22.8	17.0	56	0
PORT SAID	01	8	02	2	1	4	4	23.0	18.8	53	0
EL ARISH											
LOWER EGYPT											
DAMANHUR	01	7	04	3	1	4	8	22.8	19.0	51	0
MANSURA	01	8	02	1	2	4	8	22.8	20.8	43	0
TANTA	00	8	00	0	0	0	–	22.6	20.5	45	0
ZAGAZIG	01	6	32	2	1	4	8	22.4	19.4	50	0
SHEBIN EL KOM	00	8	02	3	1	3	8	21.8	21.3	44	0
MIDDLE EGYPT											
CAIRO ALMAZA	00	7	06	3	0	2	8	21.7	19.2	35	0
CAIRO EZBEKIYA	00	8	32	1	0	0	–	22.0	20.6	41	0
CAIRO GIZA	00	8	10	2	0	2	8	21.9	20.3	40	0
HELWAN	00	9	02	3	0	0	–	21.5	19.6	29	0
SUEZ	00	9	32	2	0	0	–	22.2	19.6	38	0
UPPER EGYPT											
FAIYUM	01	8	02	4	1	3	4	21.4	20.2	37	0
MINYA	01	8	32	3	1	3	2	21.1	20.3	32	0
ASYUT	01	8	22	1	1	4	2	20.3	20.5	30	0
NAG HAMADI	01	8	32	1	1	4	2	18.8	22.8	34	0
QENA	01	8	24	3	1	4	1	17.8	24.2	40	0
LUXOR	00	7	30	2	0	0	–	19.0	25.0	37	0
ASWAN	01	9	32	1	1	4	1	16.2	26.4	17	0
WESTERN DESERT											
SIWA	00	8	00	0	0	0	–	23.4	22.0	82	0
BAHARIYA											
KHARGA	00	9	32	2	0	0	–	18.6	22.5	20	0
DAKHLA	00	8	28	2	0	0	–	20.3	21.6	40	0
RED SEA											
TOR	00	7	28	4	0	0	–	20.0	19.9	50	0
HURGHADA	00	9	26	2	0	0	–	—	20.5	48	0
QUSEIR	00	8	32	4	0	0	–	19.4	22.8	60	0
PORT SUDAN	00	7	02	4	1	2	6	13	26	28	0
NORTH SUDAN											
WADI HALFA	00	8	02	3	0	2	1	17	24	18	0
KAREIMA	00	8	06	3	0	0	–	14	25	14	0
ATBARA	00	8	28	3	0	1	1	12	26	16	0
KHARTUM	00	8	30	3	0	0	–	12	27	14	0
KASSALA	00	8	10	3	1	0	–	7	31	15	0
CENTRAL SUDAN											
WAD MEDANI	00	8	32	3	1	0	–	9	27	66	0
RENK	00	9	28	3	0	0	–	—	30	18	—
ROSEIRES	00	8	26	1	0	0	–	—	30	17	0
EL OBEID	00	9	32	4	0	0	–	10	27	13	0
EL FASHER	00	8	32	3	0	0	–	–	24	14	0
GENEINA											—
KADUGLI	00	8	04	3	0	0	–	9	30	19	—
S. SUDAN											
MALAKAL	00	8	32	4	0	0	–	7	28	07	0
WAU											0
JUBA	00	8	32	1	0	0	–	5	35	18	0

At 20h. on الخميس ٢٨ فبراير — 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	Station Number
SALUM												130
MATRUH	00	–	14	1	0	0	–	21.5	13.2	62	0	131
MARIUT	00	7	03	1	0	0	–	22	12	76	0	150
ALEXANDRIA	00	5	00	0	0	0	–	22.4	14.0	69	0	132
DAMIETTA	00	6	02	2	1	0	–	22.6	14.9	67	0	159
PORT SAID	00	8	32	2	0	0	–	22.7	14.3	67	0	134
EL ARISH												135
DAMANHUR	00	6	04	3	1	0	–	22.6	12.8	82	0	136
MANSURA	00	6	04	1	1	0	–	22.7	13.4	67	0	137
TANTA	00	8	00	0	0	0	–	22.7	11.8	78	0	138
ZAGAZIG	00	–	32	2	0	1	8	22.3	13.2	77	0	139
SHEBIN EL KOM	00	8	02	2	1	0	–	22.1	13.4	69	0	—
CAIRO ALMAZA	00	6	04	3	0	0	–	21.9	15.3	58	0	141
CAIRO EZBEKIYA	00	7	02	2	0	0	–	22.2	14.2	67	0	—
CAIRO GIZA	00	7	20	2	0	0	–	21.9	15.2	57	0	—
HELWAN	00	7	32	3	0	0	–	22.0	15.6	51	0	143
SUEZ	00	9	32	2	0	0	–	22.4	15.1	60	0	144
FAIYUM	00	8	02	2	0	0	–	22.0	15.2	62		153
MINYA	00	8	32	3	0	0	–	21.2	15.4	56	0	154
ASYUT	01	6	22	1	1	4	2	20.2	13.1	65	0	155
NAG HAMADI	00	8	00	0	0	0	–	19.0	15.3	59	0	164
QENA	01	6	23	2	1	4	–	18.3	14.0	68	0	156
LUXOR	00	6	28	2	0	0	–	18.8	16.0	50	0	157
ASWAN	00	9	32	3	0	0	–	17.9	22.0	16	0	158
SIWA	00	4	00	0	0	0	–	21.4	13.0	77	0	148
BAHARIYA												149
KHARGA	00	–	31	1	0	0	–	18.6	16.2	32	0	151
DAKHLA	00	6	32	1	0	0	–	21.0	14.7	45	0	152
TOR	00	7	28	3	0	0	–	19.2	17.2	63	0	145
HURGHADA	00	9	28	3	0	0	–	—	17.5	48	0	146
QUSEIR	00	8	32	2	0	0	–	18.0	18.4	44	0	147
PORT SUDAN												[illegible]
WADI HALFA												165
KAREIMA												166
ATBARA												167
KHARTUM												[illegible]
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FASHER												175
GENEINA												179
KADUGLI												187
MALAKAL												176
WAU												177
JUBA												178

At 8h. on Friday 1st — الساعة ٨ يوم الجمعة 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	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												—		—			—	84
MATRÛH	01	9	14	1	0	4	2	19.8	+3.1	13.0	21	+2	10	0	75	0	51	143
MARIUT	00	7	12	2	0	0	–	21		11	19	—	7	—	82	0	168	133
ALEXANDRIA	00	8	16	2	0	0	–	21.2	+4.6	12.4	20	0	10	-2	74	0	140	171
DAMIETTA	00	6	04	1	0	0	–	21.1	+4.3	12.0	18	—	6	—	69	0	60	52
PORT SA'ÎD	01	8	04	2	1	4	1	21.6	+5.7	15.8	21	+1	11	-1	65	0	42	63
EL 'ARÎSH																	51	72
LOWER EGYPT																		
DAMANHÛR	00	5	06	2	0	0	–	22.6	+6.2	11.3	20	-2	6	-1	91	0	73	84
MANSÛRA	01	8	20	1	1	3	0	21.2	+4.3	12.8	22	0	7	-1	70	0	25	41
ṬANṬA	00	8	00	0	0	0	0	21.4	+4.6	11.0	22	0	6	-1	87	0	47	33
ZAGAZIG	00	6	08	2	0	0	–	20.6	+4.8	11.9	21	-1	5	-2	80	0	6	22
SHEBÎN EL KÔM	00	8	08	1	0	0	–	22.4	+5.4	9.9	22	—	7	—	88	0	14	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	07	2	0	0	–	20.2	–	10.2	20	—	7	—	72	0	2	—
CAIRO EZBEKÎYA	05	6	00	0	0	0	–	20.6	+4.6	10.2	22	-1	7	-2	71	0	2	11
CAIRO GÎZA	08	4	32	2	0	0	–	20.6	+4.5	8.9	20	-3	5	-2	89	0	13	19
ḤELWÂN	05	5	00	0	0	0	–	20.3	+4.4	12.0	20	-2	6	-2	63	0	2	20
SUEZ	00	9	32	1	0	0	–	21.1	+4.9	14.4	22	0	6	-5	59	0	–	12
UPPER EGYPT																		
FAIYÛM	00	7	32	2	0	0	–	20.2	+4.5	10.5	21	-3	7	-1	74	0	8	7
MINYA	00	8	28	1	0	0	–	19.8	+4.6	10.8	21	-3	5	-3	73	0	tr.	—
ASYÛṬ	00	6	22	1	0	0	–	20.3	+4.8	10.0	22	-2	6	-2	74	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0		21.0	+4.3	13.2	24	—	6	—	62	0	1	—
QENA	00	7	26	2	1	0	–	19.6	+3.6	10.6	26	-2	6	-3	69	0	13	—
LUXOR	00	7	28	2	0	0	–	19.4	+3.0	16.0	27	-1	5	-3	50	0	0	—
ASWÂN	00	9	02	1	0	0	–	18.2	+1.7	14.5	27	-1	10	-3	39	0	tr.	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	20.4	+1.9	11.0	23	0	4	-2	75	0	1	6
BAHARÎYA	00	9	00	0	0	0	–	20.7	+3.3	14.5	21	-3	8	0	71	0	0	7
KHÂRGA	00	9	12	1	0	0	–	20.3	+3.4	9.9	22	-4	6	-3	68	0	1	—
DÂKHLA	00	7	24	1	0	0	–	21.5	+4.0	13.6	22	-4	5	-3	64	0	0	—
RED SEA																		
ṬÔR	00	7	04	3	0	0	–	19.5	+3.7	16.3	20	6	6	-3	40	0	0	12
HURGHÂDA	01	8	30	4	0	0	–	19.0	+3.8	16.2	22	-2	13	+2	54	0	1	3
QUSEIR	00	8	28	3	0	0	–	18.0	+2.9	19.8	23	-1	15	-1	43	0	11	4
PORT SÛDÂN																0	17	94
NORTH SÛDÂN																		
WÂDI HALFA	01	8	02	2	1	4	1	16		13					38	0	tr.	—
KAREIMA	00	8	04	3	0	0	–	16		16					30	0	7	1
'ATBARA	00	8	28	3	0	3	1	14		12					28	0	2	2
KHARTÛM																0	3	4
KASSALA	02	8	02	4	1	7	2	11		21					35	0	31	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	3	0	0	–	13		17					14	0	13	12
RENK	00	9	30	3	0	0	–	11		18		—		—	30	—	–	49
ROSEIRES	00	6	32	1	0	0	–	11		18					30	0	80	37
EL OBEID	00	9	30	3	0	3	1	14		14		4			32	0	44	16
EL FÂSHER	00	9	32	1	0	0	–	—	—	11					38	0	2	6
GENEINA								—	—			—		—		–	–	4
KADUGLI	00	8	04	4	0	0	–	13		21		—		—	–	—	–	91
S. SÛDÂN																		
MALAKÂL	00	6	32	4	0	0	–	12		20					51	0	170	88
WÂU																0	113	150
JUBA	05	6	00	0	0	0	–	11		22					44	0	188	161

UPPER WINDS ON 28/2 — الرياح العليا يوم ٢٨/٢

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 13h.	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR 13h.	HURGHÂDA	WÂDI HALFA	KAREIMA 11h.	KHARṬÛM 13h. 30m.	KASSALA 13h.	EL OBEID 13h.	MALAKAL 13h.	JUBA 13h. 15m.
03 34 15					03 34 10			10 04 25	10 01 15	10 02 25	10 02 25	10 03 20	10 34 10
05 27 05					05 35 15			15 03 20	15 03 25	15 03 40	15 01 25	15 03 20	15 33 15
10 27 05					10 36 15			20 01 35	20 31 20	20 06 20	20 31 25		20 31 15
15 01 05					15 36 20			25 36 30	30 30 25	25 01 20	25 27 25		25 30 15
20 32 05					20 02 25			30 36 25	40 31 30				
35 33 05					25 01 30								

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 7h.	MARIUT 7h.	PORT SA'ÎD 7h. 15m.	HELWÂN	MINYA	ASYÛṬ	LUXOR 7h.	ASWÂN	WÂDI HALFA 7h.	ABU HAMAD 7h. 15m.	KAREIMA 7h.	KHARṬÛM 7h.
03 19 30	03 13 20	03 08 15				03 36 10		10 06 20	10 03 25	10 06 45	10 09 40
05 21 30	05 12 10	05 07 15				05 03 15		15 03 20	15 03 40	15 06 45	15 05 30
10 21 35		10 04 10				10 01 25		20 02 30	20 02 25	20 05 35	20 04 15
15 21 40		15 03 15				15 03 30		25 02 35	25 01 40	25 35 30	25 35 15
25 21 40		20 32 25				20 02 25		35 02 45	30 35 30	30 36 40	30 31 35
30 21 40		30 34 40				30 36 45		40 02 45			35 30 35
						40 36 65					

KASSALA	PORT SÛDÂN 7h.	EL OBEID	EL FÂSHER 7h.	GENEINA	MALAKAL 7h.
	10 03 30		10 05 20		10 01 55
	15 06 15		15 05 25		15 01 65
	20 06 15		20 05 25		20 02 65
					25 03 65
					35 03 45

UPPER AIR TEMP. ALMÂZA AT 24h GMT ON 28-2

HEIGHT FEET	PPP m.b.	TT	
Surface	1011.7	52	48
500	994	51	41
1000	976	50.5	46
1500	958	51	42
2000	941	51	37
4000	874	48.5	34
6000	811	45.5	31.5
8000	752	40	27
10000	696	31	26
12000	644	22	21
14000	595	15	13.5
16000	548	6	6

CYPRUS SYNOPTIC 8h. ON 1st
30702 02990 28228 21110 703.4 00060

Remarks

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

STATION	Mean of day: Humidity % on 28/2	Diff. from normal	Wet Bulb Temp °C on 28/2	Diff. from normal
Alexandria	65	0	12.3	+0.2
Ezbekiya	72	+11	11.4	-0.1
Giza	69	+4	11.2	-0.2
Helwân	56	+7	10.6	+0.1

GÎZA — GRASS MINIMUM TEMP. ON 1st 4.3° C

CAIRO — WATER TEMP. RIVER NILE AT 9h ON 1st 16.5° C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	1.3	810	810
	28.2	868	868

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1st March	12.58	-0.71	12.60	-0.69
Nâsser				5.14	+0.02
Malakâl		10.11	-0.29	10.12	-0.28
J. Aulia Res.				376.67	
J. Aulia D.S				371.96	+0.71
Roșeires		11.96	+0.42	11.97	+0.41
Sennar Res.		19.82		19.87	
Kharṭûm		10.75	+0.37	10.76	+0.38
Kh. el Girba					
'Atbara		10.52	+0.38	10.44	+0.29
Kajnarti				132.07	-0.52
Aswân Res.		119.35		119.38	
Aswân D.S		80.90	-1.01	85.02	-0.91
Roda (Cairo)		16.18	+0.59	16.18	+0.60

PRESENT WEATHER (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

CAIRO
Time of Sunrise 06 h. 21 m.
Sunset 17 h. 54 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MARCH 1946 — شهر مارس ١٩٤٦

At 14h. on FRIDAY 1st (الساعة ١٤ يوم الجمعة ١) — At 20h. on 1st (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 8-14 h. 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 14-20 h. mms	Station number
Salûm																							130
Matrûh	00	9	18	3	1	0	—	15.5	22.8	39	0	00		18	1	0	0	—	12.8	18.2	43	0	131
Mariut	00	8	13	2	0	1	1	18	22	36	0	00	7	12	2	2	0	—	16	16	59	0	150
Alexandria	01	9	00	0	2	4	4	17.8	21.4	74	0	00	5	00	0	0	0	—	15.2	17.0	52	0	132
Damietta	01	8	12	3	1	4	1	18.3	17.4	67	0	01	8	08	2	1	4	3	15.9	14.6	83	0	159
Port Saʿîd	02	8	08	2	2	5	1	16.3	17.3	71	0	00	8	00	0	0	0	—	16.0	14.7	82	0	134
El ʿArîsh																							135
Damanhûr	00	6	08	3	0	2	1	18.2	19.3	42	0	00	6	04	2	0	0	—	15.2	15.6	68	0	136
Mansûra	01	8	08	2	1	4	6	17.8	21.2	40	0	00	6	04	1	1	0	—	16.2	14.0	80	0	137
Tanta	00	8	00	0	0	0	—	17.2	21.0	34	0	00	8	00	0	0	0	—	15.6	13.0	77	0	138
Zagazig	00	6	04	2	0	0	—	—	20.6	32	0	00	6	04	2	0	0	—	—	13.4	64	0	139
Shebîn el Kôm	00	8	10	3	0	0	—	—	21.6	38	0	00	8	10	2	0	0	—	15.2	14.9	57	0	—
Almaza	00	8	08	2	0	0	—	16.6	22.5	38	0	00	7	22	1	0	0	—	15.4	16.8	40	0	141
Ezbekîya	00	8	02	2	0	0	—	16.3	24.2	26	0	00	7	00	0	0	0	—	15.5	15.7	51	0	—
Gîza	00	8	30	2	0	0	—	—	23.9	18	0	00	6	28	1	0	0	—	15.5	12.2	63	0	—
Helwân	00	8	12	1	0	0	—	16.4	24.8	18	0	00	7	00	0	0	1	3	15.9	17.2	33	0	143
Suez	00	9	32	1	0	0	—	18.3	21.2	29	0	00	9	00	0	0	0	—	16.7	16.9	47	0	144
Faiyûm	00	8	02	2	0	0	—	17.2	22.7	37	0	01	8	30	2	1	4	5	15.0	18.0	50	0	153
Minya	00	9	30	1	0	0	—	17.1	23.8	27	0	00	8	32	1	0	0	—	16.6	16.7	50	0	154
Asyût	00	8	22	1	0	0	—	17.4	23.3	33	0	00	6	22	1	0	0	—	16.7	16.0	50	0	155
Nag Hamâdi	00	8	00	0	0	0	—	16.2	24.8	28	0	00	8	00	0	0	0	—	16.3	15.4	62	0	164
Qena	00	8	20	1	0	0	—	16.2	25.4	32	0	00	6	26	2	0	0	—	16.8	17.0	26	0	156
Luxor	00	7	30	2	0	0	—	16.4	29.0	29	0	00	6	28	1	0	0	—	16.7	15.8	52	0	157
Aswân	00	9	30	1	0	0	—	15.0	26.0	12	0	00	9	32	2	0	0	—	15.1	22.0	16	0	158
Sîwa	00	7	18	3	0	0	—	17.5	24.6	79	0	00		14	1	0	0	—	14.8	19.0	81	0	148
Baharîya	00	9	00	0	0	0	—	18.7	18.5	42	0	00		00	0	0	0	—	14.8	11.0	69	0	149
Khârga	00	9	04	2	0	0	—	16.7	25.9	20	0	00		32	1	0	0	—	16.3	19.8	19	0	151
Dâkhla	00	8	28	2	0	0	—	19.5	21.5	40	0	00	6	32	1	0	0	—	18.6	15.2	36	0	152
Tôr	00	7	28	4	0	0	—	—	19.9	50		00	7	28	3	0	0	—	—	19.9	50	0	145
Hurghâda	00	9	26	2	0	0	—	17.1	20.5	48	0	00	9	12	1	0	0	—	18.0	18.1	53	0	146
Quseir	00	8	32	2	0	0	—	17.0	23.5	59	0	00	8	32	2	0	0	—	16.7	20.4	61	0	147
Port Sûdân	05	6	30	5	0	4	1,2	12	27	66	0												[illegible]
Wâdi Halfa	01	8	02	3	1	4	1,2	15	26	18													165
Kareima	00	8	02	4	3	0	—	12	27	19													166
ʿAtbara	00	8	32	3	0	0	—	9	28	14													167
Khartûm	00	8	04	4	0	2	1	8	29	13													[illegible]
Kassala	01	8	02	2	1	4	1,2	4	31	17													170
Wad Medani	02	8	32	4	1	7	1	6	31	22													171
Renk	00	9	28	3	0	0	—	3	29	20													182
Roseires	00	8	30	1	0	0	—	5	32	26													172
El Obeid	00	9	23	4	0	3	1	9	27	17													174
El Fâsher	00	9	32	3	0	0	—	—	25	30													175
Geneina	00	8	02	4	0	0	—	—	28	15													179
Kadugli	00	8	04	4	0	1	1	8	31	11													187
Malakâl	00	8	32	3	0	0	—	5	32	15													176
Wâu	00	8	32	3	0	0	—	7	26	13													177
Juba	00	6	28	1	0	0	—	3	36	11													178

At 8h. on SATURDAY 2nd (الساعة ٨ يوم السبت ٢)

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)	Diff. from norm. °C	Minimum Today °C (mm)	Diff. from norm. °C	Humidity %	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	Salûm												—		—				85
	Matrûh	00	9	26	3	0	0	—	9.6	−7.1	15.5	23	+4	9	−1	50	0	83	143
	Mariut	01	7	16	2	0	3	6,1	16		14	23	—	12	—	48	0	162	133
	Alexandria	01	8	20	2	1	4	4	10.4	−6.2	16.4	22	+2	10	−2	36	0	140	171
	Damietta	02	8	18	3	2	5	4,5	11.6	−4.6	13.8	18	—	11	—	67	0	60	92
	Port Saʿîd	02	8	14	1	2	7	2	11.8	−3.8	15.2	18	−2	10	−2	55	0	42	63
	El ʿArîsh															—	—	—	72
Lower Egypt	Damanhûr	02	6	20	3	2	6	5	10.7	−5.7	14.4	22	0	9	0	51	0	73	84
	Mansûra	02	8	18	1	2	5	0	12.0	−4.4	12.0	23	+1	9	+1	65	0		41
	Tanta	02	8	16	4	2	7	5	11.5	−5.3	14.8	22	0	10	+2	44	0	47	33
	Zagazig	02	6	12	2	1	5	8,6	11.2	−5.6	13.8	22	0	10	+3	54	0	0	22
	Shebîn el Kôm	01	8	16	3	1	5	6	11.1	−5.8	13.6	23	—	9	—	62	0	14	—
Middle Egypt	Cairo: Almaza	03	7	20	4	2	8	6	11.9	−5.0	17.8	25	—	14	—	20	0	2	—
	Cairo: Ezbekîya	05	6	14	3	1	5	6	12.6	−4.3	14.0	26	+3	11	+2	48	0	2	19
	Cairo: Gîza	02	5	14	2	2	5	8,6	12.0	−5.0	13.2	26	+4	9	+2	54	0	13	19
	Helwân	05	6	12	1	2	8	5	13.5	−3.5	14.4	26	+4	12	+2	37	0	2	20
	Suez	03	9	12	1	2	8	5	13.5	−2.7	18.1	25	+3	13	+2	54	0	—	12
Upper Egypt	Faiyûm	02	7	18	2	2	6	5	13.9	−2.8	11.0	25	+1	10	+2	58	0	8	7
	Minya	02	8	16	1	2	6	4	13.9	−3.3	13.2	24	0	9	+1	50	0	dr.	—
	Asyût	00	6	12	1	0	0	—	15.0	−2.4	12.0	25	0	5	−4	54	0	0	4
	Nag Hamâdi	00	8	00	0	0	0	—	15.6	−1.0	14.9	27	—	7	—	46	0	1	—
	Qena	00	7	02	2	0	0	—	15.2	−0.6	13.8	29	+1	7	−3	39	0		—
	Luxor												—		—			0	—
	Aswân	00	9	00	0	0	0	—	15.1	−1.3	18.0	28	0	12	−1	39	0	dr.	
Western Desert	Sîwa	00	7	00	0	0	0	—	13.6	−4.9	12.0	25	+2	7	0	83	0	1	7
	Baharîya	00	9	00	0	0	0	—	15.6	−1.8	11.2	20	−4	7	−1	73	0	0	7
	Khârga	00	9	00	0	0	0	—	15.4	−1.5	13.4	26	−1	7	−2	38	0	1	—
	Dâkhla	00	7	04	1	0	0	—	17.0	−0.4	11.8	27	+1	5	−3	40	0	0	—
Red Sea	Tôr	00	7	04	3	0	0	—	—	—	16.3	18	−5	8	−3	40	0	0	12
	Hurghâda	00	9	12	1	0	0	—	16.3	+0.8	17.1	23	−1	13	+2	61	0	1	3
	Quseir	00	8	26	2	0	0	—	14.3	−0.7	14.8	24	0	12	−4	51	0	11	4
	Port Sûdân	00	8	32	3	0	2	6	13		23					69	0	17	94
North Sûdân	Wâdi Halfa	00	8	00	0	0	0	—	14		12					36	0	tr.	—
	Kareima	00	8	04	2	0	0	—	14		16					28	0	7	1
	ʿAtbara	00	8	04	2	0	2	1	12		18					24	0	2	2
	Khartûm	00	8	02	3	0	0	—	11		19					28	0	3	4
	Kassala	00	8	04	1	0	0	—	9		22					53	0	31	8
Central Sûdân	Wad Medani	00	8	04	4	0	3	1	10		20					35	0	13	12
	Renk	00	9	32	3	0	0	—	8		20		—		—	49	—	—	49
	Roseires	00	8	32	1	0	0	—	9		17					39	0	80	37
	El Obeid	01	8	02	3	0	4	1,2	12		16					39	0	44	16
	El Fâsher	00	9	30	2	0	0	—	—	—	11					30	0	2	6
	Geneina	00	9	02	4	0	0	—	—		16		—		—	14	—	—	4
	Kadugli	01	8	04	3	1	4	1	10		22		—		—	13	—	—	91
S. Sûdân	Malakâl	01	8	32	4	1	4	4,2	9		22					25	0	178	88
	Wâu	00	8	32	1	0	0	—	9		20					26	0	113	151
	Juba	00	7	00	0	0	3	1	10		21					35	0	188	162

Upper Winds

Upper Winds are in the Code HHDDVV where HH is Height 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 Saʿîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	12 h. 15 m.	h. m.	h. m.	12 h. 15 m.	13 h. m.	12 h. 45 m.	12 h. 15 m.	13 h. m.	h. m.	12 h. 30 m.	12 h. 45 m.	13 h. 30 m.
		03 10 15			03 01 10	03 01 20	03 02 20	03 01 20	09 05 15		09 03 10	09 01 30	09 05 15
		06 13 15			06 03 15	06 31 10	09 03 30	09 02 20	15 04 20		15 03 20	15 36 30	15 04 25
		09 06 05			09 05 20	09 18 02	15 05 20	15 03 30	21 02 25		21 36 15	21 35 25	21 05 35
		12 34 05			15 07 15	12 27 05	21 05 20	21 02 45	24 01 25		27 31 15	27 32 15	27 06 40
		15 35 05			21 05 20	15 24 05	27 03 35	24 03 30	30 35 15		33 26 20	33 32 25	33 06 50
					27 04 20	18 01 10		27 02 25	39 29 25		39 28 25	39 30 20	39 06 40
					30 03 35	21 02 10		30 01 40					
					36 01 25	24 03 15							
					45 01 55								

UPPER WINDS ON 2nd (الرياح العليا يوم ٢)

Matrûh	Mariut	Port Saʿîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	6 h. m.
	03 23 65					03 05 05	02 03 05	03 04 45	09 07 40	09 06 40	09 05 50
	06 24 30					06 03 05	05 36 02	09 06 30	15 04 40	15 05 35	15 02 40
	09 26 55					09 06 10	10 06 20	15 06 30	21 36 25	21 05 10	21 36 10
	12 26 55					15 10 10	15 07 30	21 04 25	27 02 15	24 34 10	24 34 10
	15 26 25					21 12 25	20 08 30	27 03 40	33 08 20	27 03 20	27 28 45
	18 27 30					27 06 20	25 08 20		39 11 20	30 05 20	
	21 27 30					30 04 25	30 02 20			33 02 20	
	24 27 55					36 02 25				39 01 15	
	Ext. Sc.					42 34 30					

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
h. m.	7 h. 15 m.	6 h. 45 m.	7 h. m.	h. m.	7 h. 15 m.
	09 04 35	09 04 05	09 24 15	09 07 40	09 03 55
	15 06 20	15 05 55	15 05 40	15 08 25	15 04 30
	21 11 30	21 30 05	21 07 55	21 07 25	21 05 20
	27 09 10	27 32 10	27 11 25	27 05 05	24 05 15
	33 31 05	33 30 10	30 10 15	33 02 25	
	39 28 20	39 31 10		39 36 40	

UPPER AIR TEMP. ALMÂZA AT 23h G.M.T. ON 1st

Height feet	P.P.P. m.b.	T T	tt
Surface	1005.6	59	49
500	989	65	49
1000	970	65	49
1500	952	64	47
2000	935	64	44
4000	869	61	42
6000	806	51	36
8000	747	43	32
10000	692	35	29
12000	640	26	21
14000	591	14	14
16000	545	5	5

CYPRUS SYNOPTIC 8h. ON 2nd

34720 02975 02225 12120 90806
34257 41869 08246 12090 90605 00070

Remarks

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

Mean of day

Station	Humidity % on 1st	Diff. from normal	Wet bulb temp. °C on 1st	Diff. from normal
Alexandria	60	−5	11.9	−0.2
Ezbekiya	57	−4	11.0	−0.6
Gîza	74	+9	10.3	−1.1
Helwân	42	−7	10.7	+0.1

GÎZA — GRASS MINIMUM TEMP. ON 2nd 6.4°C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 2nd 16.5°C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	2.3	210	210
	1.3	210	210

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.58	−0.71
Nâsser					
Malakâl		10.10	−0.23	10.11	−0.23
J. Aulia Res.					
J. Aulia D.S	1				
Roseires	2	11.96	+0.43	11.96	+0.42
Sennar Res.				19.82	
Khartûm				10.75	+0.37
Kh. el Girba	2				
ʿAtbara		10.56	+0.42	10.52	+0.38
Kajnarti					
Aswân Res.		119.33		119.35	
Aswân D.S		84.89	−1.01	84.90	−1.01
Roda (Cairo)		16.38	+0.79	16.18	+0.59

Codes

PRESENT WEATHER (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
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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CAIRO Time of Sunrise h. m. 06 20 — Sunset h. m. 17 55

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

DAILY WEATHER REPORT

Month *March* 1946 — شهر مارس ١٩٤٦

At 14h. on *Saturday 2nd* (الساعة ١٤ يوم السبت ٢) — At 20h. on (الساعة ٢٠ يوم السبت 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
SALUM																							130
MATRUH	01	9	28	3	0	4	8	10.3	17.6	84	0	00	8	00	0	1	0	—	12.8	14.2	85	0	131
MARIUT	18	6	23	4	0	6	3	10	21	41	0	05	6	26	3	2	5	1	12	16	77	0	150
ALEXANDRIA	02	8	22	5	2	7		9.9	19.0	63	0	00	5	32	2	0	0	—	12.3	16.0	79	0	132
DAMIETTA	02	6	20	3	1	5	3	8.3	25.3	33	0	00	6	24	3	1	3	2	10.8	15.5	92	0	159
PORT SAID	18	6	18	5	3	5	2	8.3	25.3	27	0	01	8	26	2	1	4	2	11.0	16.6	76	0	134
EL ARISH	18	7	20	8?	2	5	2	10.7	—	—	0	00	7	00	0	0	0	—	—	13.2	71	0	135
DAMANHUR	01	6	28	5	1	4	1	9.6	23.2	35	0	00	5	28	3	1	0	—	12.6	14.6	62	0	136
MANSURA	01	8	28	2	1	4	0	8.6	26.4	22	0	00	6	32	2	1	0	—	11.4	15.4	77	0	137
TANTA	03	8	24	6	2	8	5	9.0	26.0	19	0	00	8	20	2	1	0	—	12.6	14.0	92	0	138
ZAGAZIG	00	6	18	4	0	0	—	9.1	25.2	30	0	00	6	32	2	0	0	—	10.4	15.1	81	0	139
SHEBIN EL KOM	00	7	22	5	0	0	—	—	29.4	61	0	00	7	22	2	1	0	—	9.9	15.0	70	0	—
CAIRO ALMAZA	18	5	20	1?	1	3	1	9	26.0	21	0	01	7	00	0	1	5	2	11.8	18.9	51	0	141
CAIRO EZBEKIYA	00	8	18	4	0	1	1	10.2	26.8	19	0	00	6	02	2	0	0	—	12.1	18.4	56	0	—
CAIRO GIZA	18	6	18	3	3	1	1	10.0	26.7	18	0	00	6	02	2	0	0	—	12.4	17.0	56	6	—
HELWAN	00	8	20	4	0	0	—	10.4	25.0	16	0	00	6	32	3	0	0	—	11.8	19.0	36	0	143
SUEZ	00	9	16	2	0	0	—	11.4	22.0	43	0	00	9	02	2	0	0	—	16.7?	19.7	48	0	144
FAIYUM	02	8	22	4	2	5	2	10.3	27.8	13	0	01	8	22	3	2	5	2	11.1	20.2	27	0	153
MINYA	02	9	18	2	2	5	2	11.1	26.9	15	0	00	8	30	1	1	0	—	11.6	19.9	33	0	154
ASYUT	01	7	08	1	1	4	5	12.2	25.3	31	0	00	6	12	1	1	0	—	12.3	18.0	49	0	155
NAG HAMADI	00	8	22	1	0	0	—	12.6	27.6	23	0	00	8	00	0	0	0	—	12.4	16.6	51	0	164
QENA	00	8	24	1	0	0	—	12.2	28.0	25	0	01	6	12	1	0	3		12.3	18.6	49	0	156
LUXOR	00	7	22	2	0	0	—	13.1	29.0	19	0	00	6	28	1	0	0	—	13.4	17.6	39	0	157
ASWAN	00	9	16	1	0	0	—	11.6	28.7	14	0	00	9	00	0	0	0	—	12.2	23.0	18	0	158
SIWA	00	7	30	2	0	0	—	11.9	26.0	08	0	00	4	00	0	0	0	—	11.2	16.5	45	0	148
BAHARIYA																							149
KHARGA	00	9	16	1	0	0	—	13.8	27.7	16	0	00		00	0	0	0	—	13.0	22.0	03	0	151
DAKHLA	00	9	32	1	0	0	—	12.0	27.2	18	0	00	6	00	0	0	0	—	12.7	18.6	14	0	152
TOR												00	7	28	3	0	0	—	17.9?	17.2	63	0	145
HURGHADA	00	9	12	2	0	0	—	14.7	22.0	42	0	00	9	26	2	0	0	—	16.2?	18.2	48	0	146
QUSEIR	00	8	32	2	0	0	—	12.6	23.4	51	0	00	8	12	2	0	0	—	12.2	21.6	63	0	147
PORT SUDAN	00	8	06	3	0	2	8	10	26	79													208
WADI HALFA	00	8	32	2	0	0	—	11	28	10													165
KAREIMA	00	8	32	3	0	2	1	9	27	14													166
ATBARA	01	8	32	2	1	4	1	7	32	07													167
KHARTUM	00	8	02	3	0	1	1	7	29	11													169
KASSALA	01	8	18	2	0	4	2	3	33	21													170
WAD MEDANI	02	8	32	3	0	6	1	4	32	09													171
RENK	00	9	28	3	0	0	—	2	33	19													182
ROSEIRES	00	8	20	1	0	0	—	4	34	20													172
EL OBEID	02	9	06	3	1	5	2	6	29	31													174
EL FASHER	01	9	02	2	1	3	1	—	22	15													175
GENEINA	00	9	04	3	0	0	—	—	29	11													179
KADUGLI	01	8	04	3	1	4	1	6	33	24													187
MALAKAL	01	8	30	2	1	4	2	3	34	20													176
WAU	00	8	00	0	0	0	—	4	34	09													177
JUBA	05	6	32	1	1	3	2	3	34	13													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 2nd

MATRUH	MARIUT	PORT SAID 12h. 15m.	ALMAZA	MINYA	LUXOR 13h. m.	HURGHADA	WADI HALFA 13h. 15m.	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
		03 21 50			03 34 05		09 04 15						09 02 10
		06 23 55			06 06 05		15 06 10						15 04 15
		09 24 55			09 02 05		21 03 15						21 05 15
					15 09 02		27 36 20						27 06 10
					21 18 15								33 05 05
					27 12 10								39 08 05
					30 11 10								
					45 31 20								
					60 29 70								

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
	3-3	810	810
	2-3	810	810

STATION	Mean of day Humidity % on 2nd	Diff from normal	Wet bulb temp °C on 2nd	Diff from normal
Alexandria	54	−11	12.9	+0.7
Ezbekiya	47	−14	12.5	+0.6
Giza	51	−14	12.1	+0.6
Helwan	30	−18	11.0	+0.4

GIZA — GRASS MINIMUM TEMP. ON 3rd 4.7° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 3rd 16.8° C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	3-3-46			12.57	−0.71
Nasser				5.12	+0.01
Malakal		10.07	−0.25	10.10	−0.23
J. Aulia Res.				376.75	—
J. Aulia D.S				371.94	+0.79
Roseires		11.90	+0.38	11.96	+0.43
Sennar Res.				19.77	
Khartum				10.77	+0.39
Kh. el Girba					
Atbara				10.56	+0.42
Kajrarti		131.99	−0.54	132.04	−0.50
Aswan Res.		119.33		119.33	
Aswan D.S		84.93	−0.96	84.89	−1.01
Roda (Cairo)		16.42	+0.83	16.38	+0.79

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

At 8h. on *Sunday 3rd* (الساعة ٨ يوم الأحد 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.	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
SALÛM												—		—				85
MATRÛH	01	9	00	0	0	4	8	13.0	−3.7	15.0	19	0	10	0	51	0	83	144
MARIUT	00	7	00	0	0	3	1	14	—	13	22	—	9	—	88	0	168	138
ALEXANDRIA	01	7	00	0	1	4	4	14.2	−2.3	14.8	20	0	12	0	78	0	140	171
DAMIETTA	43	3	16	1	4	9	—	13.8	−2.4	10.2	25	—	9	—	100	0	60	92
PORT SAÎD	03	7	32	1	2	8	0	14.4	−1.2	14.0	26	+6	13	+1	90	0	42	63
EL ARÎSH	02	7	20	5	1	6	7	15.0	−1.8	14.2	30?	+10	10	+1	72	0	51	73
DAMANHÛR	00	5	24	2	0	0	—	14.0	−2.4	9.2	25	+3	7	−2	98	0	73	84
MANSÛRA	08	4	12	1	4	0	—	13.9	−2.4	9.8	27	+5	7	−2	89	0	25	41
TANTA	03	7	00	0	2	8	5	14.8	−2.0	10.0	28	+6	7	−1	98	0	47	33
ZAGAZIG	09	6	20	2	0	0	—	14.2	−2.5	11.8	27	+5	7	−1	88	0	6	22
SHEBÎN EL KÔM	09	5	22	1	0	0	—	14.6	−2.3	12.0	30	—	9	—	91	0	14	—
CAIRO ALMAZA	05	6	12	1	1	3	1	14.2	−2.3	12.8	27	—	9	—	57	0	2	—
CAIRO EZBEKÎYA	05	5	04	1	0	2	1	14.4	−2.5	13.3	29	+6	10	+1	73	0	2	19
CAIRO GÎZA	00	5	26	1	0	0	—	14.4	−2.6	12.7	28	+5	7	0	91	0	13	19
HELWÂN	05	6	00	0	1	4	1	14.2	−2.8	14.9	26	+4	11	+1	45	0	2	20
SUEZ	00	9	32	1	0	0	—	14.6	−1.6	12.6	23	0	9	−2	66	0	—	12
FAIYÛM	02	7	02	2	2	5	2	14.3	−2.3	13.7	29	+5	9	0	68	0	8	7
MINYA	00	8	30	1	1	2		13.6	−3.6	13.7	28	+4	7	−1	58	0	tr.	—
ASYÛT	01	6	02	1	1	3	2	13.9	−3.4	15.1	28	+3	8	−1	48	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	13.5	−3.1	17.0	29	—	6	—	—		1	—
QENA	00	7	04	1	1	0	—	13.6	−2.1	13.4	30	+2	6	−4	36	0	13	—
LUXOR												—		—			0	—
ASWÂN	00	9	00	0	0	0	—	13.5	−2.8	17.0 (12.0 struck)	30	+2	12	−1	26 (65 struck)	0	tr.	—
SÎWA	02	7	00	0	1	7	2	15.0	−3.4	10.5	27	+4	5	−2	61	0	1	7
BAHARÎYA																	0	7
KHÂRGA	00	9	00	0	0	0	—	13.5	−3.3	12.9	30	+3	7	−2	31	0	1	—
DÂKHLA	00	7	08	1	0	0	—	13.5	−3.8	16.8	30	+4	8	0	28	0	0	—
TÔR																	0	12
HURGHÂDA	00	9	26	1	0	0	—	—	—	18.0	24	0	14	+3	54	0	1	3
QUSEIR	00	8	24	1	0	0	—	11.7	−3.0	18.7	25	+1	14	−2	27	0	11	4
PORT SÛDÂN	01	8	28	2	0	3		12		23					84	0	17	94
WÂDI HALFA	00	8	00	0	0	0	—	13		15					39	0	tr.	—
KAREIMA	00	8	08	2	0	0	—	13		18					24	0	7	1
ATBARA	01	8	04	1	3	3	1	12		20					35	0	2	2
KHARTÛM	00	8	32	2	0	1	1	12		19					21	0	3	4
KASSALA	01	8	16	1	0	5	2	9		23					50	0	31	8
WAD MEDANI	02	9	02	3	1	7	1	10		21					38	0	13	12
RENK	00	9	02	3	0	0	—	8		24		—		—	34	—	—	49
ROSEIRES	00	8	30	1	0	0	—	10		19					49	0	20	37
EL OBEID	00	9	32	3	0	0	—	11		18					22	0	44	16
EL FÂSHER	00	9	32	2	0	0		—	—	16					22	0	2	6
GENEINA	01	8	04	2	1	4	1	—	—	16		—		—	20	0	—	4
KADUGLI	00	8	04	4	0	0	—	11		21				—	50	—	—	91
MALAKÂL	00	8	22	4	0	0	—	9		20					15	0	170	88
WÂU																0	113	151
JUBA	00	7	00	0	0	2	4	9		22					44	0	188	163

Upper Winds are in the Code HHDDVV where HH is Height 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 7h.	PORT SAÎD 7h.	HELWÂN 8h. 45m.	MINYA	ASYÛT	LUXOR 7h.	ASWÂN 7h.	WÂDI HALFA 7h. 45m.	ABU HAMAD 7h.	KAREIMA 7h.	KHARTÛM
	03 36 05	03 31 05	02 06 05			03 00 00	02 02 10	09 05 25	09 08 25	09 02 30	
	06 33 20	06 28 10	05 04 20			06 00 00	05 10 10	15 05 15	15 04 25	15 03 25	
		15 28 15	08 01 15			09 00 00	10 06 10	21 02 15	21 03 15	21 06 20	
		12 29 25	10 34 20			15 23 10	15 04 02	27 02 15	27 36 05	24 07 15	
		15 — —	15 22 20			21 29 10	20 34 10	33 01 05	33 30 20	30 11 15	
			20 25 40			27 25 15	25 03 20	39 31 15	39 29 10	39 34 15	
			23 25 50			30 36 05	30 02 15	51 28 40	51 29 10		
			25 26 55						60 28 25		
			30 27 40								

KASSALA 6h. 45m.	PORT SÛDÂN 7h.	EL OBEID 7h.	EL FÂSHER 7h.	GENEINA	MALAKAL 7h.
09 06 15	09 06 15	09 05 05	09 05 20		09 03 10
15 03 10	15 10 10	15 04 20	15 05 15		15 03 25
21 36 05		27 27 05	21 12 20		21 11 20
27 02 20		33 02 10	27 07 15		27 36 05
		36 02 10	33 12 10		33 24 05
			39 02 10		39 15 15
					51 19 20
					60 17 25

UPPER AIR TEMP. ALMÂZA AT 05h GMT ON 3rd

HEIGHT feet	PPP m.b.	TT °F	T'T' °F
Surface	1014	52	47
500	986	58	47
1000	968	58	46
1500	951	57	46
2000	934	55	43
4000	867	50	39
6000	804	49	36
8000	746	42	27
10000	690	35	27
12000	639	28	21
14000	590	20	15
16000	544	10	8

CYPRUS SYNOPTIC 9h. ON 3rd

34750 01654 24314 11140 80308
34884 01753 24114 12111 01308 08851

PRESENT WEATHER	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. 350

CAIRO
Time of Sunrise h. 06 m. 19
Sunset h. 17 m. 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MARCH 1946 — شهر مارس ١٩٤٦

At 14h. on SUNDAY 3rd (الساعة ١٤ يوم ٣) — At 20h. on 3rd (الساعة ٢٠ يوم الأحد 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	01	9	10	1	1	4	8	11.5	21.4	28	0	00		10	2	1	0	—	8.0	15.4	47	0	131
	Mariut	05	6	28	2	2	6	2	14	20	56	0	05	6	04	2	1	0	—	13	13	88	0	150
	Alexandria	02	8	04	2	2	7	4	12.8	19.8	01	0	00	5	06	2	0	0	—	13.2	15.5	74	0	132
	Damietta	01	7	02	2	1	5	3	13.2	17.9	68	0	01	7	04	2	1	3	5	13.1	15.0	76	0	159
	Port Saʽîd	02	8	05	2	2	5	2	13.6	19.0	65	0	00	8	00	0	0	0	—	13.5	16.4	79	0	134
	El ʽArîsh												00	7	30	2	0	0	—	—	13.5	74	0	135
Lower Egypt	Damanhûr	00	5	08	2	0	0	—	13.1	21.2	54	0	00	6	08	3	0	0	—	12.3	15.2	80	0	136
	Mansûra	01	8	16	2	1	4	0	12.4	22.8	41	0	00	6	04	1	1	0	—	13.2	14.3	86	0	137
	Tanta	03	8	00	0	2	8	5	13.0	22.5	36	0	00	6	00	0	1	0	—	13.8	14.0	86	0	138
	Zagazig	01	6	28	2	1	4	5	12.8	23.4	34	0	00	6	28	2	0	0	—	13.4	16.2	71	0	139
	Shebîn el Kôm	01	8	30	2	1	4	3	12.4	23.9	35	0	00	8	30	2	0	0	—	13.5	16.2	64	0	—
Middle Egypt	Cairo Almaza	05	6	32	2	1	4	2	11.9	23.2	30	0	00	7	07	2	1	0	—	12.3	18.2	44	0	141
	Cairo Ezbekîya	02	7	02	2	1	5	3	12.4	24.0	24	0	00	7	32	1	0	0	—	12.4	16.7	53	0	—
	Cairo Gîza	01	7	30	2	0	4	1	12.3	23.5	21	0	00	6	32	2	0	0	—	12.7	17.5	44	0	—
	Helwân	01	7	32	2	1	5	1	11.9	23.7	09	0	00	7	02	4	0	0	—	12.2	19.0	23	0	143
	Suez	00	9	02	1	0	3	1	12.6	23.4	23	0	00	8	02	1	1	0	—	12.3	17.8	45	0	144
Upper Egypt	Faiyûm	02	8	02	2	2	7	2	—	24.2	19	0	00	8	02	1	0	0	—	11.9	17.1	41	0	153
	Minya	02	8	20	2	2	7	2	11.4	25.6	26	0	00	8	32	1	1	0	—	10.2	20.0	40	0	154
	Asyût	01	7	08	1	1	4	2	11.4	28.6	28	0	01	6	16	1	1	3	2	10.8	17.8	59	0	155
	Nag Hamâdi	00	8	00	0	0	0	—	11.2	28.7	19	0	00	8	00	0	0	0	—	11.0	17.1	50	0	164
	Qena	01	8	20	1	0	4	1	11.9	30.0	23	0	01	6	12	1	1	4	1	11.0	19.0	54	0	156
	Luxor	02	7	22	2	2	5	1	11.5	31.0	27	0	00	6	28	1	0	0	—	11.8	21.0	27	0	157
	Aswân	00	9	20	1	0	0	—	9.8	31.0	09	0	00	9	00	0	0	0	—	10.8	25.0	16	0	158
Western Desert	Sîwa	00	7	08	4	0	0	—	12.3	26.5	32	0	00		00	0	0	0	—	10.6	19.0	54	0	148
	Baharîya												00		00	0	0	0	—	9.9	20.0	25	0	149
	Khârga	02	9	20	2	2	7	2	12.6	29.0	14	0	01		12	1	1	4	2	11.2	23.2	21	0	151
	Dâkhla												00	6	24	1	0	0	—	8.2	20.6	15	0	152
Red Sea	Tôr	00	7	28	3	0	0	—	13.3	19.9	50	0	00	7	28	3	0	0	—	12.7	18.2	71	0	145
	Hurghâda	01	8	26	2	1	4	8	—	23.0	38	0	00	9	12	1	0	0	—	—	21.0	38	0	146
	Quseir	00	8	28	1	0	0	—	11.6	24.6	36	0	00	8	32	1	0	0	—	11.9	22.3	42	0	147
	Port Sûdân	01	8	04	4	1	3	6,4	9	27	79													168
North Sûdân	Wâdi Halfa	00	8	30	1	0	0	—	10	30	07													165
	Kareima	00	8	04	2	0	1	2	9	—	13													166
	ʽAtbara	01	8	28	1	1	3	1	7	31	11													167
	Khartûm	01	8	03	2	0	3	1	6	32	17													169
	Kassala	01	8	04	1	1	3	1	4	34	16													170
Central Sûdân	Wad Medani																							171
	Renk	00	9	28	3	0	0	—	—	35	18													182
	Roseires	00	8	14	1	0	0	—	—	31	33													172
	El Obeid	01	9	02	2	1	3	1	5	32	10													174
	El Fâsher	02	9	04	2	1	7	2	—	30	09													175
	Geneina	01	9	10	1	1	4	2	—	32	09													179
	Kadugli	02	8	32	2	1	5	1	5	36	18													187
S. Sûdân	Malakâl	00	8	02	1	1	1	4	3	36	09													176
	Wâu	00	8	32	2	0	0	—	2	37	11													177
	Juba	00	8	28	3	1	3	4,1	2	37	20													178

At 8h. on MONDAY 4th (الساعة ٨ يوم الاثنين 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.	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												—		—				86
	Matrûh	02	9	10	2	1	7	8	6.2	-10.5	16.2	22	+3	14	+4	53	0	83	144
	Mariut	03	7	08	4	2	8	8	10		14	23	—	13	—	77	0	168	133
	Alexandria	02	7	12	2	2	7	6	9.0	-6.9	14.2	21	+1	11	-1	80	0	140	172
	Damietta	02	7	10	3	2	8	5	11.8	-4.4	15.8	20	—	10	—	81	0	60	92
	Port Saʽîd	03	8	08	3	2	8	2	11.5	-4.1	16.9	20	0	14	+2	76	0	42	64
	El ʽArîsh	00	7	20	1	0	0	—	12.0	-4.7	14.5	19	-1	10	+1	71	0	51	73
Lower Egypt	Damanhûr	02	5	12	4	2	8	5	10.0	-6.3	13.0	23	+1	9	0	93	0	73	84
	Mansûra	02	7	02	1	2	5	0	11.2	-5.1	14.4	23	+1	10	+1	87	0	24	41
	Tanta	03	7	24	4	2	8	5	10.6	-6.2	12.0	24	+1	9	+1	85	0	47	33
	Zagazig	02	6	08	3	1	5	8	10.7	-6.0	11.2	25	+3	10	+2	84	0	6	22
	Shebîn el Kôm	09	5	22	1	0	0	—	—	—	11.8	25	—	—	—	90	0	14	—
Middle Egypt	Cairo Almaza	02	7	30	1	2	5	2	9.9	-6.9	13.6	25	—	10	—	64	0	2	—
	Cairo Ezbekîya	05	5	26	1	1	4	2	10.0	-6.8	13.0	25	+2	9	0	74	0	2	19
	Cairo Gîza																	13	19
	Helwân	01	7	00	0	1	5	1	10.2	-6.8	20.6	24	+2	15	+5	12	0	2	20
	Suez	01	9	12	1	1	5	5	9.4?	-6.7	18.7	24	+1	11	0	67	0	—	12
Upper Egypt	Faiyûm	09	5	00	0	2	7	2	10.6	-6.0	16.8	25	+1	9	0	—	0	8	7
	Minya	02	8	14	2	2	5	2	10.3	-6.8	16.6	27	+3	10	+2	40	0	tr.	—
	Asyût	01	7	12	1	1	4	2	11.8	-5.5	15.1	30	+5	11	+2	49	0	0	4
	Nag Hamâdi	00	8	00	0	0	0	—	12.4	-4.1	18.1	31	—	8	—	45	0	1	—
	Qena	00	7	16	1	1	2	1	12.6	-3.0	17.0	31	+3	8	-2	50	0	13	—
	Luxor	00	7	28	2	0	0	—	13.1	-3.1	16.4	32	+4	8	-4	47	0	0	—
	Aswân	02	9	00	0	1	5	1	11.8	-4.4	20.0	32	+4	14	+1	32	0	tr.	
Western Desert	Sîwa	02	5	08	1	2	8	2	—	—	15.0	27	+3	9	+2	53	0	1	7
	Baharîya	00	9	00	0	0	0	—	10.4	-6.9	13.5	29	+5	11	+3	45	0	0	7
	Khârga	02	9	00	0	2	5	2	12.6	-4.1	12.6	31	+4	7	-3	39	0	1	—
	Dâkhla	00	8	08	1	0	0	—	11.2	-6.0	18.2	32	+5	13	+5	22	0	0	—
Red Sea	Tôr	00	7	04	3	0	0	—	13.2	-2.3	16.1	—	—	8?	-3	87	0	0	12
	Hurghâda	01	8	26	1	1	4	8	13.1	-2.3	17.5	23	-1	14	+3	52	0	1	3
	Quseir	00	8	28	1	0	0	—	12.2	-2.7	19.4	27	+3	15	-1	45	0	11	4
	Port Sûdân	00	8	28	2	0	0	—	12		26					84	0	17	94
North Sûdân	Wâdi Halfa	00	8	00	0	0	0	—	11		16					24	0	tr.	—
	Kareima	00	8	32	1	0	2	1,2	12		17					22	0	7	1
	ʽAtbara	00	8	04	2	0	2	1,2	10		21					35	0	2	2
	Khartûm	01	8	30	2	1	5	1	10		22					21	0	3	4
	Kassala	01	8	22	1	1	5	2	8		23					47	0	31	8
Central Sûdân	Wad Medani	02	9	02	3	1	7	1	9		23					15	0	13	12
	Renk	00	9	04	3	0	0	—	—		26		—		—	27	—	—	49
	Roseires	00	8	32	1	0	0	—	9		21					44	0	80	37
	El Obeid	02	9	30	3	1	6	2	10		19					23	0	44	16
	El Fâsher	01	9	28	1	1	3	1	—	—	14					23	0	2	6
	Geneina								—	—			—		—		—	—	4
	Kadugli	01	8	28	3	1	4	1	9		23		—		—	10	—	—	91
S. Sûdân	Malakâl	01	8	02	2	1	4	4	8		27					12	0	170	88
	Wâu	05	6	00	0	1	5	4,1	9		28					60	0	113	152
	Juba	01	7	14	3	5	3	4	7		28					66	tr.	188	164

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 Saʽîd 12 h. 30 m.	Almâza h. m.	Minya h. m.	Luxor 13 h. m.	Hurghâda h. m.	Wâdi Halfa 13 h 30 m.	Kareima 11 h 45 m.	Khartûm h. m.	Kassala 12 h 45 m.	El Obeid 12 h. 30 m.	Malakal 13 h 30 m.	Juba 13 h. m.
		03 24 10			03 17 05		03 29 15	09 07 35		09 31 15	09 04 15	09 04 15	09 02 15
		06 32 10			06 21 10		09 05 05	15 06 20		15 31 10	15 02 10	15 01 10	15 03 20
		09 30 15			09 23 10		15 06 10	21 06 20		21 33 10	21 24 25	21 08 15	21 04 20
		15 27 35			15 25 15		21 03 15	24 06 15		27 30 20	27 24 45	27 24 15	27 04 30
		21 29 30			21 28 15		27 02 20	30 05 15		33 29 15	33 23 40	33 22 20	33 04 35
		30 26 45			27 25 25			39 33 10		39 30 15	39 23 35	39 21 35	39 05 45
					30 24 25								
					39 26 35								
					45 27 45								

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 Saʽîd 5 h. m.	Helwân 8 h 45 m.	Minya h. m.	Asyût h. m.	Luxor 7 h. m.	Aswân 7 h. m.	Wâdi Halfa 6 h 45 m.	Abu Hamad 7 h 15 m.	Kareima 7 h. m.	Khartûm h. m.
		03 10 35	02 16 20			03 16 15	05 14 10	09 08 15		09 07 05	
		06 16 30	05 17 40			06 17 20	10 13 10	15 10 25	15 04 15	15 08 10	
		09 19 30	08 19 65			09 17 15	15 10 05	21 11 05	24 12 05	21 08 10	
			10 20 65			15 20 20	20 11 05	27 27 05	27 26 20	24 07 20	
			15 21 70			21 25 20	25 06 05		33 24 25	30 23 15	
			20 22 60			27 26 25				39 24 35	
			23 24 50			30 28 30					
			25 27 35			39 29 30					
			27 25 40			42 25 30					

Kassala 6 h 30 m.	Port Sûdân 7 h. m.	El Obeid 6 h 30 m.	El Fâsher 7 h. m.	Geneina h. m.	Malakal 7 h m.
09 09 10	09 10 05	09 04 35	09 02 20		09 04 45
18 11 10	15 13 15	15 08 20	15 02 20		15 04 35
21 14 05	21 17 05	21 28 40			21 04 25
27 19 25	27 29 10	27 29 25			27 03 15
33 25 15	30 27 15				
39 29 15					

Upper Air Temp. Almâza at G.M.T. on

Height feet	P.P.P m.b.	TT °F	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 3rd	Diff from normal	Wet Bulb Temp °C on 3rd	Diff from normal
Alexandria	73	+8	13.8	+1.5
Ezbekîya	58	-3	12.1	+0.4
Gîza	64	-1	12.1	+0.5
Helwân	28	-20	10.1	-0.6

Gîza — Grass minimum temp. on 4th °C

Cairo — Water temp. River Nile at 8h. on 4th 16.8° °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.56	-0.72	12.57	-0.71
Nâsser					
Malakâl		10.05	-0.26	10.07	-0.25
J. Aulia Res.		376.80		376.79	
J. Aulia D.S		371.92	+0.79	371.93	+0.79
Roseires		11.89	+0.27	11.90	+0.28
Sennar Res.		19.67		19.72	
Khartûm	4	10.77	+0.41	10.77	+0.40
Kh. el Girba					
ʽAtbara		10.60	+0.46	10.58	+0.44
Kajnarti		131.93	-0.58	131.99	-0.54
Aswân Res.		119.31		119.33	
Aswân D.S		84.92	-0.96	84.93	-0.96
Roda (Cairo)		16.45	+0.86	16.42	+0.83

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	4-3	810	810
	3-3	810	810

Cyprus Synoptic 8h. on 4th

347xx 039xx 06318 14141x xxxxx 00xxx
34850 09753 08227 16111 17102 00080

PRESENT WEATHER 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

CAIRO
Time of Sunrise h. m. 06 18
Sunset h. m. 17 56

Month March 1946

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

شهر مارس ١٩٤٦

1417 F.C.

At 14h. on Monday 4th — الساعة ١٤ يوم ... / At 20h. on — الساعة ٢٠ يوم 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	°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	22	1	2	7	8	2.7	23.6	—	0	02	—	26	4	3	5	8	6.7	16.4	60	0	131
MARIUT	05	6	10	4	2	8	5,2	5	23	24	0	05	6	22	3	2	8	4,5	5	22			150
ALEXANDRIA	02	7	14	3	2	7	8	5.8	22.0	36	0	03	5	22	4	2	8	4	5.5	22.0	36	0	132
DAMIETTA	03	8	06	4	2	8	6	7.6	19.5	69	0	02	7	12	2	2	7	6	6.4	18.5	75	0	159
PORT SAÏD	13	7	04	4	2	8	5	7.4	18.0	72	0	03	8	04	3	2	8	5	7.2	19.3	53	0	134
EL ARÎSH	00	7	20	8	0	0	—	9.4	17.2	57	0	00	7	20	1	0	0	—	8.4	15.4	81		135
LOWER EGYPT: DAMANHÛR	02	5	16	3	2	5	5	5.9	21.7	51	0	02	5	16	4	2	8	5	5.4	20.2	43	0	136
MANSÛRA	02	7	08	1	2	5	6	7.1	21.4	48	0	02	6	12	1	2	5	6	6.8	18.2	56	0	137
TANTA	03	8	20	4	2	8	5	7.9	23.0	31	0	03	8	24	2	2	8	5	7.9	20.0	28	0	138
ZAGAZIG	13	6	14	2	1	8		8.2	24.8	34	0	01	6	12	2	1	4	8	6.3	23.4	33	0	139
SHEBÎN EL KÔM	03	8	22	2	3	8	0	7.1	24.2	39	0	03	7	10	2	3	8	0	5.5	21.9	34	0	—
MIDDLE EGYPT: CAIRO ALMAZA	03	7	20	4	2	8	5	6.2	26.9	33	0	03	7	18	3	2	8	4,5	6.6	26.2	37	0	141
CAIRO EZBEKIYA	05	5	18	5	2	5	5	6.2	26.1	21	0	03	5	00	0	2	8	5	7.1	23.0	35	0	—
CAIRO GÎZA																							—
HELWÂN	03	8	16	2	2	8	4	6.7	25.7	16	0	03	6	12	3	2	8	4	6.6	25.7	14	0	143
SUEZ	02	9	16	1	2	6	5	8.7	21.1	71	0	02	7	16	1	2	6	5	9.0	19.9	56	0	144
UPPER EGYPT: FAIYÛM																							153
MINYA	03	8	16	2	2	8	2	7.4	27.7	25	0	02	8	14	2	2	5	2	7.1	23.7	34	0	154
ASYÛT	02	8	12	1	2	6	5	7.5	28.5	31	0	01	7	12	1	2	5	5	9.0	22.0	61	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	7.6	31.5	24	0	03	6	00	0	2	8	2	—	21.9	38	0	164
QENA	01	9	10	3	1	4	1	7.8	30.0	29	0	01	6	12	1	1	4	2	8.2	21.4	46	0	156
LUXOR	01	7	22	2	1	4		8.6	32.0	24	0	00	6	28	1	0	0	—	9.6	20.0	32	0	157
ASWÂN	02	9	20	1	1	5	1	7.4	32.0	18	0	00	9	00	0	0	0	—	8.0	26.0	13	0	158
WESTERN DESERT: SÎWA	03	7	28	3	2	8	5	4.2	24.2	43	0	18	—	28	6?	2	8	5	8.8	17.0	80	0	148
BAHARÎYA	12	9	16	1	2	6	5	7.1	28.7	11	0	02	—	16	1	2	6	5	6.7	23.5	19	0	149
KHÂRGA	02	9	16	1	2	5	2	8.2?	31.2	16	0	01		12	1	1	4	2	9.1	25.4	22	0	151
DAKHLA	00	7	14	6	0	0	—	7.1	32.6	13	0	00	6			2	0	—	10.0?	19.8	19		152
RED SEA: TÔR	06	7	16	4	0	0	—	10.6	24.2	53	0	00	7	16	3	0	0	—	12.3	16.2	55	0	145
HURGHÂDA	02	7	12	3	2	6	8	9.9	19.5	37	0	01	8	13	2	1	4	9	10.3	17.0	52	0	146
QUSEIR	00	8	32	1	0	0	—	10.6	25.3	68	0	00	8	04	1	0	0	—	11.0	23.7	63	0	147
PORT SÛDÂN	01	8	08	4	0	3	8	8	27	79		02	8	08	2	1	5	6	9	26	84		268
NORTH SÛDÂN: WÂDI HALFA	01	8	16	2	1	4	1	7	33	10		00	8	04	1	1	0	—	8	25	14		165
KAREIMA	02	8	04	1	1	5	2	6	33	06		00	8	30	3	1	0	—	7	27	08		166
ATBARA	02	8	24	1	1	8	2	5	34	14		00	8	30	1	1	0	—	6	25	30		167
KHARTÛM	01	8	04	2	1	5	1	5	34	09		01	8	30	2	2	4	1	7	27	27		208
KASSALA	01	8	12	4	1	4	2	2	37	17		00	8	30	1	1	0	—	5	27	35		170
CENTRAL SÛDÂN: WAD MEDANI	02	8	00	0	1	7	1	3	36	09													171
RENK	00	9	28	3	0	0	—	—	38	18													182
ROSEIRES	00	8	30	1	0	0	—	3	38	18													172
EL OBEID	01	9	04	2	1	5	2	4	32	14													174
EL FASHER	01	9	28	1	1	5	2	—	33	14													175
GENEINA	01	8	20	3	1	3	1	—	35	12													179
KADUGLI	01	7	28	3	1	4	—	4	38	09													187
S. SÛDÂN: MALAKAL	02	8	08	1	1	7	4,5	3	37	12													176
WÂU	01	7	16	5	1	4	5,8	4	35	35													177
JUBA																							178

At 8h. on Tuesday 5th — الساعة ٨ يوم الثلاثاء 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												—		—				86
MATRÛH	00	9	28	4	2	3	8	11.2	-5.5	11.0	24	+5	9	-1	61	0	83	145
MARIUT	01	7	25	4	0	3	6	9	—	16	23	—	14	—	49	0	168	134
ALEXANDRIA	01	8	26	5	2	4	8	10.7	-5.7	15.0	23	+3	13	+1	62	0	140	172
DAMIETTA	02	7	20	4	2	7	5	9.6	-6.5	15.9	21	—	15	—	79	0	60	93
PORT SA'ÎD	14	7	22	4	2	8	2	10.2	-5.3	16.8	20	0	16	+4	74	0	42	64
EL 'ARÎSH	00	7	20	1	0	0	—	—	—	16.3	19	-1	10	+1	71	0	51	74
LOWER EGYPT: DAMANHÛR	01	5	28	4	1	3	5	10.6	-5.7	13.3	23	+1	12	+3	78	0	73	85
MANSÛRA	01	7	30	3	1	4	0	10.6	-5.7	14.8	26	+4	8	-1	74	0	25	42
ṬANṬA	03	7	24	4	2	8	5	11.5	-5.3	11.5	25	+2	10	+2	82	0	47	33
ZAGAZIG	00	6	24	2	0	0	—	11.0	-5.7	14.4	26	+4	11	+3	83	0	6	22
SHEBÎN EL KÔM	02	7	22	3	2	6	0	10.7	-6.1	14.6	26	—	11	—	64	0	14	—
MIDDLE EGYPT: CAIRO ALMAZA	05	6	28	3	0	6		11.8	-5.0	14.4	29	—	14	—	76	0	2	—
CAIRO EZBEKÎYA	05	5	28	3	2	8	5	12.6	-4.2	14.9	30	+7	14	+5	59	0	2	19
CAIRO GÎZA	03	6	30	2	0	8	0	12.7	-4.3	14.4	29	+7	13	+6	59	0	13	19
ḤELWÂN	05	6	28	4	0	0	—	12.2	-4.7	14.1	29	+6	14	+4	62	0	2	20
SUEZ	02	8	28	3	2	7	5	9.1	-7.0	17.9	23	0	16	+5	54	0	—	12
UPPER EGYPT: FAIYÛM	12	6	30	4	2	8	5	13.0	-3.6	15.8	29	+5	11	+2	63	0	8	7
MINYA	02	8	32	3	2	6	1	13.4	-3.7	15.2	30	+6	14	+6	63	0	tr.	—
ASYÛṬ	02	5	22	1	2	6	5	12.8	-4.4	15.1	29	+4	13	+4	62	0	0	4
NAG' HAMÂDI	00	8	32	1	0	0	—	10.6	-5.8	17.9	33	—	11	—	49	0	1	—
QENA	00	7	16	1	1	0	—	8.4	-7.2	17.4	31	+3	13	+3	61	0	13	—
LUXOR	00	7	28	2	0	0	—	8.8	-7.4	17.8	33	+5	10	+7	55	0	0	—
ASWÂN	00	9	00	0	0	0	—	9.2	-6.9	21.7	34	+6	16	+3	36	0	tr.	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	15.5	-2.9	11.6	25	+1	8	+1	56	0	1	7
BAHARÎYA	01	9	22	1	1	4		15.4	-1.9	12.3	29	+5	10	+2	56	0	0	7
KHÂRGA	03	9	32	4	2	8	5	11.9	-4.8	18.5	32	+5	13	+3	26	0	1	—
DÂKHLA	00	6	30	6	0	0	—	14.6	-2.5	17.3	33	+6	14	+5	67	0	0	—
RED SEA: ṬÔR	00	7	16	3	0	0	—	8.7	-6.8	18.1	24	+1	15	+3	—	0	0	12
HURGHÂDA	01	8	26	1'	1	4	8	10.3	-5.1	17.5	23	-1	14	+3	52	0	1	3
QUSEIR	00	8	16	1	0	0	—	8.6	-6.3	21.0	26	+2	17	+1	67	0	11	4
PORT SÛDÂN	02	8	00	0	0	5	3	10		26					84	0	17	94
NORTH SÛDÂN: WÂDI ḤALFA	01	8	00	0	1	4	2	10		16					20	0	tr.	—
KAREIMA	02	8	00	0	1	5	2	10		18					22	0	7	1
'AṬBARA	02	8	32	2	1	8	2	10		23					26	0	2	2
KHARṬÛM	01	7	30	2	0	4	1	9		22					21	0	3	4
KASSALA	01	8	18	1	0	4	1	8		24					44	0	31	8
CENTRAL SÛDÂN: WAD MEDANI	01	7	32	2	1	5	1	8		24					13?	0	13	12
RENK	00	9	12	3	0	0	—	6		25		—		—	36	—	—	49
ROSEIRES	00	8	30	1	0	0	—	—		21					43	0	80	37
EL OBEID	00	9	32	2	0	3	2	8		22					23	0	44	16
EL FÂSHER	02	9	32	2	1	7	2	—	—	16					24	0	2	6
GENEINA								—	—			—		—			—	4
KADUGLI	01	8	28	3	1	4	1	8		24		—		—	17	—	—	91
S. SÛDÂN: MALAKÂL	01	8	04	2	0	3	4	7		27					17	0	170	88
WÂU	02	7	00	0	1	6	4,5	8		23					50	0	113	152
JUBA	02	8	16	1	1	6	4,5	8		22					94	0	188	165

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 SAÏD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR 13 h. m.	HURGHÂDA h. m.	WÂDI HALFA 12 h 45 m.	KAREIMA 13 h. m.	KHARṬÛM h. m.	KASSALA 12 h 45 m.	EL OBEIḌ h. m.	MALAKAL 13 h. m.	JUBA 13 h 30 m.
					03 30 05		09 17 05	09 15 05		09 27 05		09 07 15	09 34 20
					06 15 15		15 15 15	15 15 05		15 29 10		15 06 15	15 04 15
					09 19 20		21 21 15	21 23 05		21 31 05		21 06 20	21 05 15
					15 20 20		27 21 15	24 25 15		27 29 15		27 05 15	24 07 15
					21 21 15		33 25 30	30 24 20				33 04 05	
					27 25 15		39 24 35	39 24 30				39 09 05	
					30 27 15								
					42 26 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
	5-3	810	810
	4-3	810	810

Station	Mean of day: Humidity % on 4th	Diff from normal	Wet bulb temp. °C on 4th	Diff from normal
Alexandria	55	-10	13.5	+1.2
Ezbekiya	49	-12	13.2	+1.4
Gîza	—	—	—	—
Helwân	07	-41	11.9	+1.2

GÎZA — GRASS MINIMUM TEMP. ON — — °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 5th 16.7° C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-3-46			12.56	-0.72
Nâsser					
Malakâl		10.03	-0.27	10.05	-0.26
J. Aulia Res.				376.80	
J. Aulia D.S				271.92	+0.79
Roseires		11.88	+0.37	11.89	+0.37
Sennar Res.				19.67	
Kharṭûm				10.77	+0.41
Kh. el Girba					
'Atbara		10.61	+0.48	10.60	+0.46
Kajnarti		131.87	-0.63	131.93	-0.58
Aswân Res.		119.28		119.31	
Aswân D.S		84.92	-0.95	84.92	-0.96
Roda (Cairo)		16.45	+0.86	16.45	+0.86

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.

MAṬRÛḤ h. m.	MARIUṬ h. m.	PORT SAÏD h. m.	HELWÂN 9 h. m.	MINYA h. m.	ASYÛṬ h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h 45 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h 45 m.	KHARṬÛM h. m.
			02 32 20				02 35 05	09 09 20	09 02 20	09 02 20	
			05 31 20				05 14 15	15 12 05	15 02 15	15 06 05	
			08 32 40				10 12 10	21 26 10	21 01 10	21 28 05	
			10 31 40				15 24 20	27 32 20	27 31 05	24 28 15	
			15 26 40				20 31 20	33 29 30	33 24 15	30 27 35	
			20 26 65				25 32 45			39 30 35	

KASSALA 6 h 45 m.	PORT SÛDÂN 7 h m.	EL OBEID 6 h 30 m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7 h m.
09 36 15	09 32 10	09 02 30			09 03 35
15 36 15	15 19 15	15 36 30			15 02 25
21 01 10	21 16 15	21 27 15			21 03 10
27 36 10		27 25 15			27 06 15
33 31 05		33 30 15			
39 30 10		39 31 30			

UPPER AIR TEMP. — ALMÂZA at 23 G.M.T. on 5th

HEIGHT feet	PPP mb.	TT	
Surface	993	68	52
500	980	74	52
1000	962	73	50
1500	945	71	49
2000	929	69	48
4000	862	64	43
6000	800	55	37
8000	741	45	32
10000	686	33	28
12000	635	23	22
14000	586	13	13
15000	541	4	4

CYPRUS SYNOPTIC 8h. ON 5th
34790 03758 24128 04171 20103 00140
34857 99951 16463 05140 78601 97411

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

CAIRO Time of Sunrise h. m. 6 16 · Sunset 17 57

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

DAILY WEATHER REPORT

Month March 1946 — شهر مارس ١٩٤٦

At 14h. on 5-3-1946 — الساعة ١٤ يوم ١٩٤٦/٣/٥ ; At 20h. on 5th — الساعة ٢٠ يوم 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)	Temp. °C (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.	Temp. °C	% Humidity	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	28	4	0	5	8	11.9	16.0	57	0	00	—	28	4	1	0	—	13.6	15.2	60	0	131
MARIUT	02	7	25	4	2	7	9,1	11	18	52	0	01	7	26	3	2	4	2	13	15	59	0	150
ALEXANDRIA	02	8	24	4	2	7	6	11.4	16.6	63	0	00	5	30	5	0	0	—	13.0	15.0	54	0	132
DAMIETTA	02	8	28	4	2	6	8	9.8	16.4	68	0	02	7	20	2	2	7	8	11.6	14.8	75	0	159
PORT SAÏD	02	7	28	4	2	5	6	10.4	19.4	57	0	02	8	26	3	2	5	6	12.4	15.3	72	0	134
EL ARÎSH	00	7	30	1	0	0	—	14.6	17.2	71	0	00	7	00	0	0	0	—	—	14.3	69	0	135
LOWER EGYPT																							
DAMANHÛR	02	6	28	6	2	5	8	11.0	17.8	61	0	00	6	28	3	2	0	—	12.6	13.0	87	0	136
MANSÛRA	01	8	28	3	1	4	8	10.7	20.2	39	0	00	6	24	2	1	0	—	12.6	13.8	76	0	137
TANTA	03	7	28	5	2	8	6	11.0	19.0	54	0	03	7	24	2	2	8	6	13.2	13.0	86	0	138
ZAGAZIG												00	6	16	2	0	0	—	13.0	13.2	85	0	139
SHEBÎN EL KÔM	01	8	22	4	1	4	3	10.6	20.1	44	0	01	8	22	2	2	4	0	12.2	14.0	76	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	7	26	3	1	5	1	11	20	24	0	01	7	30	2	1	3	5	13.3	14.7	62	0	141
CAIRO EZBEKÎYA	02	8	28	2	1	6	2	11.1	20.1	30	0	01	7	30	2	1	3	4	13.4	15.3	74	0	—
CAIRO GÎZA	02	8	26	3	2	5	5	11.1	20.4	32	0	00	7	30	2	1	0	—	13.2	13.8	78	0	—
HELWAN	02	8	28	4	2	6	1	11.1	18.9	19	0	02	6	32	4	2	7	4	13.2	15.0	58	0	143
SUEZ	02	9	32	2	2	5	5	10.8	22.0	19	0	01	8	28	1	1	5	5	11.8	17.7	36	0	144
UPPER EGYPT																							
FAIYÛM	02	8	30	3	2	6	2	11.4	20.2	24	0	02	8	00	0	2	6	2	12.6	14.8	51	0	153
MINYA												01	8	32	1	1	3	2	12.0	16.2	41	0	154
ASYÛT	02	6	22	2	2	6	5	11.4	21.1	32	0	01	6	22	1	2	3	5	12.4	15.1	48	0	155
NAG HAMÂDI	12	6	24	2	3	0	—	9.5	24.2	42	0	00	8	24	2	3	0	—	11.0	17.0	41	0	164
QENA	00	9	22	3	0	0	—	7.8	30.0	25	0	00	6	22	3	0	0	—	9.4	20.0	38	0	156
LUXOR	01	7	30	3	1	4	2	8.0	29.5	26	0	00	6	28	3	0	0	—	10.0	21.4	39	0	157
ASWÂN	01	9	16	1	1	4	1	5.8	35.0	10	0												158
WESTERN DESERT																							
SÎWA	02	7	04	3	1	6	2	15.8	19.0	63	0	00	—	00	0	0	0	—	15.1	14.0	67	0	148
BAHARÎYA	01	9	28	1	1	4	—	14.3	18.8	24	0	01	—	28	1	1	4	—	14.7	15.0	32	0	149
KHÂRGA	03	9	04	4	2	8	5	12.0	24.4	32	0	00	—	02	2	0	3	2	12.3	19.7	19	0	151
DÂKHLA	00	7	30	4	0	0	—	12.6	21.9	35	0	00	6	32	2	0	0	—	14.7	12.6	38	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	—	24.1	51	0	00	7	28	4	0	0	—	—	22.1	18	0	145
HURGHÂDA	01	8	12	2	1	4	8	—	22.5	37	0	00	9	30	5	0	0	—	—	18.5	46	0	146
QUSEIR	00	8	12	4	0	0	—	6.7	24.0	78	0	00	8	12	4	0	0	—	6.7	22.6	86	0	147
PORT SÛDÂN	00	8	08	4	1	3	8,1	6	28	79	0												169
NORTH SÛDÂN																							
WÂDI HALFA	01	8	20	1	1	5	2	6	34	06	0												165
KAREIMA	02	8	28	1	1	6	2	5	34	09	0												166
ATBARA	02	8	32	1	1	6	3	4	35	10	0												167
KHARTÛM	02	8	32	2	1	5	1	9	36	09	0												168
KASSALA	02	8	30	2	1	7	2	1	37	17	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	30	2	1	7	1	1	38	06	0												171
RENK	00	9	28	3	0	0	—	99	38	18	—												182
ROSEIRES	00	8	24	1	0	0	—	2	39	16	0												172
EL OBEID	02	9	30	2	1	6	2	2	37	13	0												174
EL FÂSHER	02	9	00	0	1	5	2	—	36	15	0												175
GENEINA	01	8	26	2	1	4	1	—	37	07	0												179
KADUGLI	00	8	12	2	0	3	1	2	39	10	—												187
S. SÛDÂN																							
MALAKAL	00	8	32	2	0	0	—	1	38	08	0												176
WÂU	02	8	06	2	1	6	1	2	37	27	0												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	MARIUT	PORT SAÏD	ALMAZA	MINYA	LUXOR 13h.	HURGHÂDA	WÂDI HALFA 13h. 15m.	KAREIMA 13h.	KHARTÛM 14h.	KASSALA 12h. 30m.	EL OBEID 12h. 30m.	MALAKAL 13h.	JUBA 13h. 45m.
					03 28 10		09 23 10	09 15 05	09 35 20	09 04 15	09 35 05	09 04 10	09 08 15
					06 30 15		15 27 10	15 26 05	15 02 15	15 02 10	15 35 10	15 05 15	15 10 20
					09 27 20		21 26 10	21 20 25	21 31 25	21 29 05	21 34 30	21 06 10	21 09 25
					15 23 20		27 09 05	24 31 30	24 30 40	27 35 20	27 32 40	27 08 10	27 09 35
					21 24 30				30 27 30	33 35 25	33 31 50	33 08 05	
					30 28 40				39 26 55	36 33 30	39 27 30	39 03 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 5th	Diff from normal	Wet bulb temp °C on 5th	Diff from normal
Alexandria	55	-10	11.6	-0.8
Ezbekiya	61	0	11.9	0.0
Giza	60	-5	11.3	-0.5
Helwân	54	+6	10.3	-0.5

GÎZA — GRASS MINIMUM TEMP. ON 6th 4.6 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 6th 16.9 °C

Discharges at Aswân measured by sluices m³ per sec. — DATE	1946	1945
6.3	810	810
5.3	810	810

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.56	-0.72
Nâsser	6				
Malakâl		10.01	-0.29	10.03	-0.27
J. Aulia Res.					
J. Aulia D.S					
Roseires		11.88	+0.38	11.88	+0.37
Sennar Res.				19.62	—
Khartûm				10.70	+0.35
Kh. el Girba					
Atbara		10.62	+0.49	10.61	+0.48
Kajnarti				131.87	-0.63
Aswân Res.		119.19	—	119.28	—
Aswân D.S		84.94	-0.12	84.92	-0.95
Roda (Cairo)		16.41	+0.69	16.25	+0.76

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

At 8h. on Wednesday 6th — الساعة ٨ يوم الأربعاء 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)	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												—		—				87
MATRÛH	00	9	24	1	0	0	—	15.0	-1.7	14.0	16	-3	9	-1	65	0	83	145
MARIUT	01	7	26	3	1	4	9	13		16	18	—	14	—	59	0	168	134
ALEXANDRIA	02	8	30	4	2	5	8	12.9	-2.5	15.6	17	-3	14	+2	57	0	140	172
DAMIETTA	01	7	18	3	1	5	8	12.8	-3.3	12.1	18	—	7	—	85	0	60	93
PORT SAÏD	00	8	22	2	0	0	—	12.8	-2.7	13.8	20	0	12	0	79	0	42	64
EL ARÎSH	00	7	20	1	0	0	—	13.5	-3.1	17.0	18	-2	10	+1	72	0	51	74
LOWER EGYPT																		
DAMANHÛR	01	5	28	3	1	3	8	13.5	-2.8	11.0	20	-2	7	-2	85	0	73	85
MANSÛRA	01	8	30	1	1	3	6	13.9	-2.4	12.2	21	-1	7	-2	76	0	24	42
TANTA	00	8	20	2	0	0	—	14.6	-2.2	11.0	20	-3	6	-2	90	0	47	33
ZAGAZIG	00	6	24	2	0	0	—	14.2	-2.4	11.6	21	-2	8	0	84	0	6	22
SHEBÎN EL KÔM	00	8	32	2	0	0	—	13.6	-3.2	11.0	21	—	8	—	79	0	14	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	20	1	0	4	1	14.9	-1.7	12.5	20	—	10	—	72	0	2	—
CAIRO EZBEKÎYA	05	6	14	1	0	3	4	15.0	-1.7	12.0	22	-2	10	0	78	0	2	19
CAIRO GÎZA	01	6	12	2	2	3	8	15.0	-1.9	13.0	23	0	7	0	80	0	13	19
HELWÂN	05	5	00	0	0	3	0	15.0	-1.9	12.5	20	-3	9	-1	73	0	2	20
SUEZ	00	9	32	1	0	0	—	15.4	-0.7	15.4	24	+1	12	+1	62	0	—	13
UPPER EGYPT																		
FAIYÛM	04	6	00	0	0	0	.	15.0	-1.6	10.5	22	-2	7	-2	75	0	3	7
MINYA	00	8	32	1	1	2	2	15.0	-2.0	12.7	22	-2	7	-2	75	0	dr	—
ASYÛT	01	6	22	1	1	4	5	15.1	-2.0	11.7	23	-2	6	-3	68	0	0	4
NAG HAMÂDI	01	8	32	3	2	5	—	13.8	-2.6	14.6	25	—	8	—	44	0	1	—
QENA	01	7	28	3	0	5	3	12.4	-3.1	14.8	31	+2	9	-1	50	0	13	—
LUXOR	00	7	28	2	0	0	—	13.4	-2.7	16.4	32	+4	11	+2	38	0	0	—
ASWÂN	02	9	32	4	1	5	6	12.2	-3.8	16.8	36	+7	14	+1	21	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.1	-1.2	9.0	21	-3	5	-2	71	0	1	7
BAHARÎYA	00	9	00	0	0	0	—	17.1	-0.1	11.0	20	-4	5	-3	63	0	0	7
KHÂRGA	02	9	22	4	2	5	2	15.1	-1.5	14.0	25	-2	7	-3	44	0	1	—
DÂKHLA	00	7	04	2	0	0	—	16.2	-0.8	14.7	23	-4	8	-1	55	0	0	—
RED SEA																		
TÔR	00	7	28	5	0	0	—	10.8	-4.6	16.9	22	-1	15	+3	37	0	0	12
HURGHÂDA	00	9	30	5	0	0	—			16.1	22	-2	14	+2	59	0	1	3
QUSEIR	01	8	30	5	1	4	5	9.9	-4.9	18.0	24	0	17	+1	58	0	11	4
PORT SÛDÂN	02	8	—	1	1	6	0	6		26					84	0	17	94
NORTH SÛDÂN																		
WÂDI HALFA	00	7	02	3	1	3	1	12		16					20	0	tr	—
KAREIMA	02	8	04	1	1	8	2	9		20					23	0	7	1
ATBARA	02	8	32	3	1	8	2	7		24					22	0	2	2
KHARTÛM	05	6	30	2	0	3	1	7		28					16	0	3	4
KASSALA	02	8	26	1	0	5	2	6		23					41	0	31	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	32	2	1	3	1	6		24					13	0	13	12
RENK	00	9	28	3	0	0	—	4		23		—		—	34	—		49
ROSEIRES	00	8	30	1	0	0	—	—		23					38	0	80	37
EL OBEID	00	9	32	3	1	3	2	8		24					22	0	44	16
EL FÂSHER	00	9	30	2	0	1	1	—	—	—					—	0	2	6
GENEINA								—	—			—		—			—	4
KADUGLI	00	7	28	3	0	0	—	7		24		—		—	13	—	—	91
S. SÛDÂN																		
MALAKÂL	00	7	00	0	0	0	—	6		27					28	0	170	88
WÂU																	113	153
JUBA	00	8	00	0	0	3	4	6		28					52	0	188	166

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 SAÏD	HELWÂN 8h. 45m.	MINYA	ASYÛT	LUXOR 7h.	ASWÂN 7h.	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
			02 18 05			03 34 20	02 01 30				
			05 23 15			06 34 25	05 35 30				
			08 34 15			09 34 30	10 36 35				
			10 34 20			15 30 40	15 30 25				
			13 34 20			21 28 45	20 31 30				
						30 26 50					
						36 24 55					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL

CYPRUS SYNOPTIC 8h. ON 6th

10890 10854 20184 08100 41010 71060

34180 01760 14163 08120 90101 04011

UPPER AIR TEMP. ALMÂZA AT 23h G.M.T. ON 5-6th

HEIGHT (feet)	PPP (mb)	TT	tt
Surface	1004	52	50
500	986	54	49
1000	968	52	48
1500	951	50	46
2000	934	48	42
4000	867	40	34
6000	804	35	25
8000	746	31	24
10000	690	30	25
12000	639	26	21
14000	590	16	14
16000	544	1	6

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 MARCH 1946 — شهر مارس ١٩٤٦

At 14h. on WEDNESDAY 6th (الساعة ١٤ يوم ٦) and At 20h. on 6th (الساعة ٢٠ يوم الأربعاء ٦)

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																							
SALUM																							130
MATRUH	00	9	28	3	0	0	—	13.1	17.2	61	0	00	—	30	3	0	3	8	13.6	15.4	79	0	131
MARIUT	01	7	23	4	0	3	6,8	13	18	60	0	00	7	26	4	0	0	—	13	15	68	0	150
ALEXANDRIA	01	8	30	4	2	4	8	12.7	17.2	68	0	00	6	28	4	0	0	—	12.3	16.0	59	0	132
DAMIETTA	01	8	28	4	1	4	9	11.8	17.9	63	0	20	7	28	2	6	8	7	11.6	13.0	100	2	159
PORT SAÏD	14	7	28	4	2	5	6	12.0	19.8	57	0	01	8	28	3	1	4	6	11.6	15.4	70	0	134
EL 'ARISH	00	7	30	1	0	0	—	—	18.3	62	0												135
LOWER EGYPT																							
DAMANHUR	01	7	32	4	1	4	8	12.6	19.2	55	0	00	6	32	3	1	0	—	12.6	13.6	82	0	136
MANSURA	01	8	30	2	1	4	8	12.2	19.8	47	0	00	6	24	2	1	0	—	12.2	13.4	76	0	137
TANTA	01	8	28	3	1	4	8	12.6	19.0	50	0	00	8	00	0	1	0	—	13.1	11.8	87	0	138
ZAGAZIG	01	6	12	2	1	5	8	11.8	20.4	59	0	00	6	28	2	0	0	—	12.4	12.2	72	0	139
SHEBIN EL KOM	01	8	30	4	1	4	8	11.9	22.1	43	0	00	8	30	2	1	0	—	13.2	13.8	59	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	7	28	3	1	4	8	12.5	18.8	41	0	00	8	30	2	0	0	—	12.5	15.3	48	0	141
CAIRO EZBEKIYA	02	8	30	4	1	5	8	12.3	20.8	41	0	00	8	28	2	0	0	—	13.0	15.7	55	0	—
CAIRO GIZA	02	8	02	3	2	5	8	12.7	19.5	41	0	00	6	30	2	0	0	—	13.0	13.5	56	0	—
HELWAN	01	7	28	3	1	4	8	12.4	18.7	37	0	00	6	28	3	0	0	—	12.7	16.0	37	0	143
SUEZ	01	9	32	2	1	4	4	13.0	19.8	39	0	00	8	28	2	0	0	—	14.2	18.4	40	0	144
UPPER EGYPT																							
FAIYUM	01	8	32	3	1	4	8	12.7	19.5	37	0	01	8	00	0	1	4	8	13.0	15.7	52	0	153
MINYA	00	9	30	2	0	0	—	13.4	20.3	40	0	00	8	30	1	0	0	—	13.6	17.1	45	0	154
ASYUT	00	8	28	2	1	0	—	12.6	20.0	25	0	00	6	30	1	0	0	—	12.6	15.5	45	0	155
NAG HAMADI	01	8	24	2	1	4	1	10.7	22.6	25	0	00	8	00	0	0	0	—	11.6	13.4	62	0	184
QENA												00	6	26	2	1	0	—	9.5	18.8	33	0	156
LUXOR	01	7	30	4	1	4	1	10.0	25.0	22	0	00	6	28	3	0	0	—	10.6	17.0	43	0	157
ASWAN	00	9	30	5	0	0	—	9.4	23.5	12	0	00	9	04	4	0	0	—	9.9	17.0	26	0	158
WESTERN DESERT																							
SIWA	00	8	24	2	0	0	—	16.7	21.0	57	0	00	—	00	0	0	0	—	15.1	13.6	68	0	148
BAHARIYA	00	9	28	1	0	0	—	14.4	19.0	33	0												149
KHARGA	01	9	32	4	1	4	—	13.5	23.1	16	0	00	—	30	2	0	0	—	13.0	17.3	27	0	151
DAKHLA	00	8	32	4	0	0	—	13.5	20.5	38	0	00	6	28	2	0	0	—	16.3	14.9	46	0	152
RED SEA																							
TOR	00	7	28	6	0	0	—	9.9	19.2	55	0	00	7	28	5	0	0	—	10.0	19.5	30	0	145
HURGHADA	00	9	30	6	0	0	—	10.7	20.1	40	0	00	—	30	6	0	0	—	—	17.0	56	0	146
QUSEIR	00	8	32	4	1	0	—	9.2	22.4	46	0	00	8	28	5	0	0	—	9.0	19.6	42	0	147
PORT SUDAN	02	8	09	4	1	8	6,1	4	28	74													268
NORTH SUDAN																							
WADI HALFA	00	7	32	4	0	0	—	9	26	07													165
KAREIMA	02	7	32	4	1	6	2	5	34	05													166
ATBARA	02	8	32	3	1	8	2	3	36	10													167
KHARTUM	02	8	28	3	1	5	2	3	36	07													269
KASSALA	02	8	26	2	1	5	2	0	39	10													170
CENTRAL SUDAN																							
WAD MEDANI	01	8	30	4	1	5	1	1	37	04													171
RENK	00	9	32	3	0	0	—	99	40	17													182
ROSEIRES	00	8	02	1	0	0	—	—	38	17													172
EL OBEID	00	8	28	4	0	3	2	1	37	17													174
EL FASHER	01	9	28	1	1	4	2	—	37	13													175
GENEINA																							179
KADUGLI	00	8	20	3	0	0	—	1	41	04													187
S. SUDAN																							
MALAKAL	00	8	32	2	0	0	—	0	39	05													176
WAU																							177
JUBA	01	8	04	3	1	4	9	0	39	23													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

MATRUH	MARIUT 13h. 30m.	PORT SAÏD	ALMAZA	MINYA	LUXOR 13h.	HURGHADA	WADI HALFA 12h. 45m.	KAREIMA 13h.	KHARTUM 13h.	KASSALA	EL OBEID 12h. 30m.	MALAKAL 13h.	JUBA 13h.
	03 29 15				03 32 25		09 36 50	09 33 15	09 35 15		09 36 20	09 03 15	09 05 15
	06 30 35				06 32 35		15 03 35	15 32 35	15 34 20		15 01 25	15 03 20	15 04 10
	09 30 55				09 33 20		21 29 35	21 30 35	21 32 30		21 03 20	21 04 25	21 07 20
	15 36 —				15 33 40			24 29 40	24 34 30		27 06 20	27 03 20	27 07 20
					21 32 45			30 28 55	30 29 30		33 09 15	33 02 10	33 06 15
					30 29 25				39 30 50		39 09 25	39 01 10	39 08 20
											51 13 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 6th	Diff from normal	Wet bulb temp. °C on 6th	Diff from normal
Alexandria	55	-10	12.5	+0.1
Ezbekiya	61	0	11.7	-0.3
Giza	62	-3	11.2	-0.7
Helwan	49	+1	10.5	-0.3

GÎZA — GRASS MINIMUM TEMP. ON 7th 4.7° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 7th 16.9° C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
7th	810	810
6th	810	810

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7th			12.55	-0.72
Nâsser				5.06	-0.02
Malakâl		9.98	-0.31	10.01	-0.29
J. Aulia Res				376.74	—
J. Aulia D S				371.88	+0.77
Roseires		11.86	+0.38	11.88	+0.38
Sennar Res.				19.56	—
Khartûm				10.74	+0.40
Kh. el Girba				—	—
Atbara		10.62	+0.49	10.62	+0.49
Kajnarti		131.86	-0.59	131.83	-0.66
Aswân Res.		119.20	—	119.19	—
Aswân D.S		84.88	-0.97	84.94	-0.92
Roda (Cairo)		16.47	+0.89	16.47	+0.89

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

At 8h. on THURSDAY 7th (الساعة ٨ 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 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												—		—				87
MATRÛH	00	9	24	1	0	0	—	13.5	-3.2	13.8	18	-1	9	-1	80	0	63	146
MARIUT	00	7	26	2	0	3	6	12		16	19	—	13	—	59	0	168	134
ALEXANDRIA	01	9	04	2	2	4	8	12.8	-3.6	16.0	19	-2	13	+1	57	0	140	173
DAMIETTA	01	7	20	3	1	3	8	11.8	-4.3	12.9	19	—	8	—	88	3	63	93
PORT SA'ÎD	01	8	24	2	6	3	6	12.2	-3.3	14.1	21	0	12	-1	80	2	44	65
EL 'ARÎSH																	51	75
LOWER EGYPT																		
DAMANHÛR	01	5	28	3	1	4	8	12.3	-4.0	11.0	20	-2	9	0	93	0	73	85
MANSÛRA	00	8	04	1	0	0	—	12.6	-3.6	13.0	21	-1	7	-2	80	0	24	42
TANTA	01	8	00	0	1	4	4	13.2	-3.6	12.0	22	-1	7	-1	89	0	47	33
ZAGAZIG	01	6	20	2	1	3	8	13.1	-3.5	11.9	22	-1	8	0	85	0	6	22
SHEBÎN EL KÔM	01	8	32	2	1	4	8	12.4	-4.3	11.8	23	—	9	—	84	0	14	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	1	3	6	12.8	-3.9	13.8	21	—	11	—	71	0	2	—
CAIRO EZBEKÎYA	05	6	00	0	1	4	8	13.1	-3.6	13.3	22	-2	11	+1	80	0	2	19
CAIRO GÎZA	01	6	10	1	1	4	8	13.1	-3.8	13.5	21	-2	7	0	76	0	13	19
HELWÂN	09	5	00	0	0	1	8	13.5	-3.3	11.1	20	-3	9	-1	81	0	2	20
SUEZ	01	9	28	1	1	4	3	14.0	-2.0	15.7	23	0	10	-1	63	0	—	13
UPPER EGYPT																		
FAIYÛM	09	6	00	0	0	0	—	13.2	-3.4	13.0	21	-3	7	-2	57	0	8	7
MINYA	00	9	32	1	0	0	—	13.6	-3.4	13.8	21	-3	7	-2	56	0	dr.	—
ASYÛT	00	6	22	1	0	0	—	13.9	-3.1	12.1	22	-3	7	-2	47	0	0	4
NAG HAMÂDI	00	8	32	1	0	0	—	13.8	-2.5	14.0	23	—	5	—	54	0	1	—
QENA	00	7	22	2	0	0	—	12.4	-3.0	14.7	28	-1	8	-2	60	0	13	—
LUXOR	00	7	28	3	0	0	—	12.8	-3.2	18.0	26	-3	10	+1	36	0	0	—
ASWÂN	00	9	32	2	0	0	—	12.4	-3.4	15.0	25	-4	12	-2	44	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	14.4	-3.9	8.0	22	-2	3	-4	65	0	1	7
BAHARÎYA	00	9	00	0	0	0	—	13.9	-3.3	12.2	24	0	7	-1	74	0	0	7
KHÂRGA	00	9	00	0	0	0	—	14.3	-2.2	11.1	23	-4	8	-2	42	0	1	—
DÂKHLA	00	7	28	1	0	0	—	16.8	-0.2	13.8	21	-6	5	-4	55	0	0	—
RED SEA																		
TÔR	00	7	28	4	0	0	—	11.2	-4.1	18.1	20	-3	15	+3	43	0	0	12
HURGHÂDA	00	9	30	5	0	0	—	11.9	-3.3	16.0	21	-3	13	+1	59	0	1	3
QUSEIR	00	8	28	5	0	0	—	11.0	-3.8	20.0	24	0	16	0	40	0	11	4
PORT SÛDÂN	02	8	32	4	1	5	6	9		24					74	0	17	94
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	1	1	13		13					34	0	tr.	—
KAREIMA	01	8	32	4	1	5	2	11		17					14	0	7	1
'ATBARA	02	7	32	4	1	6	2	8		20					15	0	2	2
KHARTÛM	05	6	30	3	0	5	2	8		22					17	0	3	4
KASSALA	02	8	28	1	1	7	2	6		22					25	0	31	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	7	32	4	1	3	1	7		23					10	0	13	12
RENK	00	9	30	3	0	0	—	6		23		—		—	24	—	—	49
ROSEIRES	00	8	30	1	0	0	—	7		21					83	0	80	37
EL OBEID	05	6	30	3	0	0	—	8		16					32	0	44	16
EL FÂSHER	05	6	32	1	0	2	1	—	—	18					30	0	2	6
GENEINA	00	7	04	3	0	0	—	—	—	20		—		—	15	—	—	4
KADUGLI	01	6	04	4	1	4	1	5		26		—		—	06	—	—	91
S. SÛDÂN																		
MALAKÂL	01	8	02	4	1	4	2	5		27					14	0	170	89
WÂU																0	113	153
JUBA	00	8	16	1	0	2	4	5		29					66	0	188	167

Upper Winds are in the Code HHDDVV where HH is Height 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 7h.	PORT SAÏD	HELWÂN 9h.	MINYA	ASYÛT	LUXOR 7h.	ASWÂN 7h.	WÂDI HALFA 7h. 30m.	ABU HAMAD 7h.	KAREIMA 7h. 15m.	KHARTÛM 7h. 30m.
	03 30 20		02 16 10			03 35 20	02 36 30	09 02 40	09 36 50	09 36 30	09 35 45
	06 31 20		05 35 10			06 36 35	05 36 35	15 01 30	15 35 35	15 31 35	15 33 30
	09 32 20		08 36 15			09 01 40	10 03 30	21 34 30	21 34 25	21 29 55	21 30 20
	12 32 20		10 36 20			15 02 35	15 03 20	27 31 55	27 21 25	24 30 45	
	15 32 20		15 34 20			21 05 35	20 35 15	30 32 70	33 30 25	30 30 60	
	18 32 35		18 31 50			27 03 35	25 33 15	•	39 28 35	39 29 55	
	21 32 55					30 33 35	30 32 25				
	24 32 70						35 29 20				

KASSALA	PORT SÛDÂN 7h.	EL OBEID 7h.	EL FÂSHER 7h.	GENEINA 7h.	MALAKAL 7h.
	09 02 10	09 01 45	09 02 25	09 05 35	09 01 65
		15 03 30	15 36 20	15 11 15	15 01 65
		21 36 05	21 02 15	21 25 05	21 01 50
		27 30 15	27 04 10	27 25 15	27 01 45
		33 28 20	33 03 10	33 25 20	33 01 35
			39 31 10		39 35 25

CYPRUS SYNOPTIC 9h. ON 7th

34710 00971 30311 09110 70406 01061
34883 01962 23203 10100 51305 00060

UPPER AIR TEMP. ALMAZA AT 23h. G.M.T. ON 6th

Height feet	PPP mb.	TT	[illegible]
Surface	1003	53	45
500	986	54	51
1000	963	52	50
1500	951	50	48
2000	934	48	46
4000	867	41	34
6000	804	34	28
8000	746	31	24
10000	690	29	24
12000	639	21	19
14000	590	13	12
16000	544	7	6

WIND FORCE

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

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

PRESENT WEATHER 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
[illegible]	5
[illegible]	6
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 14
Sunset h. m. 17 58

Month March 1946 — ١٩٤٦ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on Thursday 7th — الساعة ١٤ يوم | At 20h. on 7th — الساعة ٢٠ يوم الخميس

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 14-20 mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	00	9	00	0	0	3		11.5	17.2	66	0	00	—	10	1	0	0	—	10.7	13.0	89	0	131
Mariut												00	7	00	0	0	0	—	12	13	67	0	150
Alexandria	01	9	28	2	2	4	8	11.8	18.2	52	0	00	6	04	2	0	0	—	12.4	14.2	69	0	132
Damietta	01	8	28	3	1	3	8	11.1	17.8	57	0	01	7	28	1	1	5	8	12.0	14.6	72	0	159
Port Sa'îd	00	8	20	2	0	3	8	11.8		54	0	01	8	30	2	1	4	6	12.6	14.7	70	0	134
El 'Arîsh	00	7	00	0	0	0	—	—	17.3	69	0												135
Lower Egypt																							
Damanhûr	01	7	30	4	1	3	8	11.0	18.7	60	0	00	6	04	2	1	0	—	11.8	14.0	78	0	136
Mansûra	01	8	28	1	1	4	8	11.4	19.4	45	0	01	6	04	1	1	3	8	12.8	13.8	73	0	137
Tanta	02	8	00	0	1	5	8	10.8	20.0	55	0	00	8	00	0	1	0	—	12.6	14.3	81	0	138
Zagazig	01	6	20	2	1	4	8	11.6	21.8	47	0	00	6	32	2	0	0	—	12.2	15.8	69	0	139
Shebîn el Kôm	01	8	22	3	0	4	8	11.6	22.1	42	0	00	8	20	2	1	0	—	12.7	15.2	57	0	—
Middle Egypt																							
Cairo Almaza	01	8	24	1	1	4	8	11.1	21.6	40	0	00	7	08	1	0	0	—	12	17	52	0	141
Cairo Ezbekîya	01	8	32	1	1	4	8	11.2	20.2	42	0	00	7	00	0	0	0		11.6	15.6	64	0	—
Cairo Gîza	01	8	02	1	0	4	8	11.4	20.2	44	0	00	6	04	1	0	0	—	11.9	14.3	68	0	—
Helwân	01	8	26	2	1	4	8	11.5	18.5	42	0	00	7	04	3	0	0	—	12.0	15.7	51	0	143
Suez	00	9	04	2	0	3	3	11.2	19.8	39	0	00	8	28	1	0	0	—	13.2	17.9	44	0	144
Upper Egypt																							
Faiyûm	01	8	30	3	1	4	8	11.6	19.4	36	0	00	8	32	1	0	0	—	11.8	16.0	59	0	153
Minya	00	9	02	3	1	0	—	12.0	21.4	36	0	00	8	32	1	0	0	—	11.4	17.2	41	0	154
Asyût	00	7	22	1	0	0	—	11.8	21.5	27	0	00	6	30	1	0	0	—	11.9	14.0	57	0	155
Nag' Hamâdi	00	8	24	1	0	0	—	10.6	23.8	27	0	00	8	00	0	0	0	—	11.5	15.9	49	0	164
Qena	00	9	22	2	0	0	—	9.9	26.3	28	0	00	6	22	2	0	2	1	11.4	16.4	57	0	156
Luxor	00	7	02	2	0	0	—	11.1	26.0	24	0	00	6	28	1	0	0	—	11.2	17.2	33	0	157
Aswân	00	9	30	3	0	0	—	9.4	24.6	20	0	00	9	00	0	0	0	—	9.9	19.0	23	0	158
Western Desert																							
Sîwa	00	8	16	3	0	0	—	11.9	23.6	52	0	00	5	00	0	0	0	—	10.3	13.0	66	0	148
Baharîya	00	9	00	0	0	0	—	—	20.0	32	0	00	—	00	0	0	0		12.4	13.0	66	0	149
Khârga	00	9	32	2	0	0	—	12.7	23.4	17	0	00	9	32	1	0	0	—	12.0	17.8	24	0	151
Dâkhla	00	7	16	1	0	0	—	11.4	23.5	34	0	00	6	32	2	0	0	—	12.6	15.8	38	0	152
Red Sea																							
Tôr	00	7	28	6	0	0	—	11.2	19.2	55	0	00	7	28	4	0	0	—	11.4	16.9	61	0	145
Hurghâda	00	9	02	5	0	0	—	—	22.0	29	0												146
Quseir	00	8	32	4	0	0	—	10.7	23.0	43	0	00	8	32	2	0	0	—	10.8	20.2	42	0	147
Port Sûdân	01	8	02	4	1	4	6,4	6	26	62													[illegible]
North Sûdân																							
Wâdi Halfa																							165
Kareima																							166
'Atbara	02	8	30	3	1	8	2	5	31	05													167
Khartûm	05	7	28	3	1	0	—	5	31	09													[illegible]
Kassala	01	8	28	3	1	3	1	1	36	13													170
Central Sûdân																							
Wad Medani	01	7	32	4	1	5	1	2	36	06													171
Renk	00	9	28	3	0	0	—	—	36	15													182
Roseires	00	8	28	2	0	0	—	2	38	15													172
El Obeid	02	7	32	4	1	5	2	3	33	28													174
El Fâsher	05	6	02	1	1	7	2	—	33	14													175
Geneina	02	7	02	2	1	5	2	—	37	05													179
Kadugli	01	7	04	4	1	4	1	2	39	04													187
S. Sûdân																							
Malakal	01	8	02	3	1	4	2	1	38	06													176
Wau																							177
Juba	02	8	28	1	8	5	9,4	1	35	39													178

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.	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												—		—				88
Matrûh	01	9	14	3	0	4	8	9.0	-7.7	16.0	18	-1	10	0	96	0	83	146
Mariut	00	7	14	3	0	3	1	12	-	13	19	—	9	—	67	0	168	134
Alexandria	01	9	14	2	2	3	4	11.6	-4.8	13.7	19	-2	11	-1	59	0	140	173
Damietta	01	8	12	2	1	3	3	12.4	-3.7	16.7	19	—	10	—	65	0	63	94
Port Sa'îd	01	8	18	1	1	4	2	13.0	-2.4	15.9	21	0	12	-1	59	0	44	65
El 'Arîsh																—	51	75
Lower Egypt																		
Damanhûr	01	6	20	3	1	4	3	11.2	-5.1	12.8	21	-1	9	0	70	0	73	86
Manşûra	01	8	08	1	1	4	8	12.3	-3.9	13.8	22	0	8	-1	66	0	24	43
Ţanţa	00	8	20	2	0	0	—	12.3	-4.5	13.7	22	-1	8	0	81	0	47	33
Zagazig	00	6	08	2	0	0	—	12.4	-4.1	12.8	23	0	9	+1	66	0	6	22
Shebîn el Kôm	01	8	30	2	0	3	8	12.2	-4.5	11.9	23	—	9	—	83	0	14	—
Middle Egypt																		
Cairo Almaza	00	8	00	0	0	3	8	12	-4.6	15	22	—	14	—	48	0	2	—
Cairo Ezbekîya	05	5	16	2	0	2	1	12.2	-4.4	12.0	22	-2	9	-1	64	0	2	20
Cairo Gîza	00	6	14	1	0	3	1	12.4	-4.5	13.7	23	0	6	-2	61	0	13	19
Ḥelwân	05	6	00	0	0	0	—	12.6	-4.2	13.1	20	-3	10	0	54	0	2	21
Suez	01	9	00	0	1	3	3	13.5	-2.5	15.7	21	-2	8	-3	60	0	—	13
Upper Egypt																		
Faiyûm	00	7	02	1	0	0	—	12.2	-4.3	10.5	22	-2	7	-2	67	0	8	7
Minya	00	9	14	2	0	0	—	12.3	-4.7	15.3	22	-3	8	-1	52	0	dr.	—
Asyûţ	00	6	12	1	0	0	—	12.8	-4.1	14.2	23	-2	8	-1	66	0	0	4
Nag' Hamâdi												—		—			1	—
Qena	00	7	28	1	0	0	—	13.4	-2.0	15.0	28	-1	7	-3	47	0	13	—
Luxor	00	7	28	2	0	0	—	13.1	-2.9	15.0	27	-2	6	-3	39	0	0	—
Aswân	00	9	32	1	0	0	—	12.7	-3.0	15.0	25	-4	10	-4	32	0	dr.	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	9.4	-8.8	11.0	24	0	6	-1	63	0	1	7
Baharîya	00	9	00	0	0	0	—	—	—	12.0	22	-2	7	-1	65	0	0	7
Khârga	00	9	00	0	0	0	—	13.4	-3.0	11.2	24	-4	6	-4	35	0	1	—
Dâkhla	00	7	08	1	0	0	—	13.9	-3.0	14.2	25	-2	7	-2	44	0	0	—
Red Sea																		
Ţôr	00	7	04	3	0	0	—	12.4	-2.8	13.1	—	—	8	-4	43	0	0	12
Hurghâda																	1	3
Quseir	00	8		2	0	0	—	11.0	-3.7	15.8	24	0	15	-1	42	0	4	4
Port Sûdân	00	8	28	1	0	1	6	11		23					69	0	17	94
North Sûdân																		
Wâdi Halfa	00	8	02	1	0	0	—	12		13					41	0	tr.	—
Kareima	00	8	04	1	0	2	2	11		18					20	0	7	1
'Aţbara	02	8	32	3	1	8	2	9		19					30	0	2	2
Khartûm	02	8	32	2	2	5	1	9		21					11	0	3	4
Kassala	02	7	00	0	0	5	1	7		20					24	0	31	8
Central Sûdân																		
Wad Medani	02	8	32	4	1	6	1	—		23					07	0	13	12
Renk	00	9	30	3	0	0	—	—		23		—		—	27	—	—	49
Roseires	00	8	30	1	0	0	—	6		22					33	0	80	37
El Obeid	02	9	30	2	1	5	2	10		20					35	0	44	16
El Fâsher	01	7	04	2	1	4	2	—	—	17					28	0	2	6
Geneina	01	7	04	1	1	5	2	—	—	18		=		=	17	0	—	4
Kadugli	01	7	20	2	1	4	1	8		23		—		—	10	—	—	91
S. Sûdân																		
Malakâl	00	8	02	3	1	3	1	6		24					16	0	170	89
Wâu																0	113	154
Juba	01	8	12	2	1	4	1,4	7		26					74	3	191	168

PRESENT WEATHER (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)

	Km/h	Force
Calm		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	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

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

Upper Winds are in the Code HHDDVV where HH is Height 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

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	13 h. [illegible] m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	12 h. 45 m.	13 h. 15 m.	13 h. 15 m.
	03 28 20				03 03 15				09 34 40		09 11 25	09 03 30	09 35 20
	06 21 30				06 36 15				15 32 35		15 02 25	15 02 30	15 36 30
	09 21 25				09 35 20				21 29 35		21 02 20	21 01 05	21 35 25
					15 35 25				24 27 40		27 30 05	27 33 15	27 36 25
					21 33 20				27 28 40		33 33 05	33 33 15	33 36 25
					30 32 25				30 27 40			37 26 15	39 02 20
					39 31 55								
					45 30 65								

Upper Winds on 8th — الرياح العليا يوم

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyûţ	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	7 h. m.
	06 17 20					03 03 05		09 04 25	09 30 35	09 01 20	09 02 40
	09 13 05					06 01 10		15 04 05	15 05 30	15 33 20	15 35 30
	15 01 15					09 33 05		21 35 30	21 03 20	21 34 30	21 32 40
	21 33 05					15 28 15		27 31 50	27 02 10	24 33 35	24 30 42
	30 30 —					21 27 20		36 32 40	33 29 20	33 32 30	30 32 45
						30 29 35		39 30 65	39 27 25		
						36 28 45					
						39 28 55					

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.
	09 04 20	09 05 40	09 03 15	09 07 25	09 05 40
	15 05 15	15 06 45	15 35 10	15 13 15	15 05 20
		21 35 35	21 31 05	21 07 20	21 04 15
		27 32 20	27 02 15	27 04 10	27 04 15
		33 31 20	33 04 25	33 01 10	
		39 33 15	40 03 20	39 05 30	

UPPER AIR TEMP. ALMÂZA at G.M.T. on

Height Metres	P P P	T T T
Surface		
500		
1000		
1500		
2000		
4000		
6000		
8000		
10000		
12000		
14000		
16000		

CYPRUS SYNOPTIC 8h. ON 8th
34720 00972 26202 12110 80404 00060
34813 01962 00014 13110 80304 00061

REMARKS

Hours are Egyptian standard time long 30 E and are 2 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	39	-26	12.0	-0.5
Ezbekîya	67	+7	12.4	+0.3
Gîza	68	+3	12.3	+0.3
Helwân	60	+12	10.8	-0.1

GÎZA — GRASS MINIMUM TEMP. ON 8th 3.1 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 8th 17.4 °C

Discharges at Aswan measured by sluices m³ per sec.	1946	1945
Date 8-3	810	810
7-3	810	810

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8-3-46	12.54	-0.73	12.55	-0.72
Nâsser		5.01	-0.05	5.04	-0.03
Malakâl		9.98	-0.30	9.98	-0.31
J. Aulia Res.				376.59	
J. Aulia D.S.				371.89	+0.79
Roseires		11.85	+0.38	11.86	+0.38
Sennar Res.		19.45		19.51	
Khartûm		10.72	+0.45	10.71	+0.39
Kh. el Girba					
'Atbara		10.62	+0.49	10.62	+0.49
Kajnarti		131.98	-0.43	131.86	-0.59
Aswân Res.		119.14		119.20	
Aswân D.S.		84.87	-0.96	84.88	-0.97
Roda (Cairo)		16.40	+0.82	16.47	+0.89

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

CAIRO Time of Sunrise 06 h. 13 m. Sunset 17 h. 59 m.

Month MARCH 1946 — شهر مارس ١٩٤٦

At 14h. on FRIDAY 8th — الساعة ١٤ يوم ٨ الجمعة ; At 20h. on 8th — الساعة ٢٠ يوم ٨ الجمعة

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	05	6	18	4	3	0	—	5.1	26.2		0	00		00	0	3	0	—	4.3	20.6	16	0	131
MARIUT	02	7	17	3	0	0	—	10	24	21	0	00	7	10	3	0	0	—	8	17	52	0	150
ALEXANDRIA	00	9	16	2	0	0	—	9.4	23.4	26	0	00	6	12	3	0	0	—	8.2	16.6	55	0	132
DAMIETTA	00	8	12	3	1	2	3	10.2	21.0	42	0	00	7	08	3	1	0	—	10.4	15.5	70	0	159
PORT SAʿÎD	01	8	04	2	1	4	2	10.4	22.0	51	0	00	8	06	2	0	3	2	10.8	16.0	76	0	134
EL ʿARÎSH	—	—	—	—	—	—	—	—	—	—	—	00	7	00	0	0	0	—	—	15.2	72	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	20	4	1	0	—	9.6	22.0	41	0	00	6	20	3	0	0	—	9.0	14.6	70	0	136
MANSURA	00	8	14	1	1	0	—	10.3	23.6	28	0	00	6	08	1	0	0	—	10.7	14.6	74	0	137
TANTA	00	8	20	2	0	0	—	9.2	23.0	31	0	00	8	00	0	0	0	—	9.4	16.5	47	0	138
ZAGAZIG	00	6	12	2	0	0	—	11.4	22.2	36	0	00	6	04	1	0	0	—	10.0	17.6	49	0	139
SHEBÎN EL KOM	00	8	18	3	0	0	—	10.5	24.0	33	0	00	8	12	2	0	0	—	—	17.2	51	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	00	7	28	2	0	0	—	8.9	23.3	22	0	00	7	08	1	0	0	—	9.5	19.5	41	0	141
CAIRO EZBEKIYA	00	8	26	1	0	0	—	9.1	24.0	32	0	00	6	00	0	0	0	—	9.6	16.4	50	0	—
CAIRO GÎZA	00	8	14	1	0	0	—	9.4	25.4	29	0	00	6	10	1	0	0	—	10.0	15.0	55	0	—
HELWAN	00	8	24	1	0	0	—	9.5	22.1	29	0	00	7	00	0	0	0	—	9.8	19.0	21	0	143
SUEZ	00	9	12	1	0	0	—	11.0	22.8	32	0	00	8	12	1	0	0	—	12.2	20.2	39	0	144
UPPER EGYPT																							
FAIYÛM	00	8	30	3	0	0	—	9.5	24.8	25	0	00	8	00	0	0	0	—	9.4	17.3	47	0	153
MINYA	00	9	20	2	0	0	—	9.8	26.3	24	0	00	8	02	1	0	0	—	10.2	19.6	36	0	154
ASYÛT	00	8	28	1	0	0	—	10.2	24.0	33	0	00	7	12	1	0	0	—	10.4	16.5	67	0	155
NAG HAMADI	00	8	00	0	0	0	—	9.6	24.8	20	0	00	8	00	0	0	0	—	10.4	14.0	74	0	164
QENA	00	9	26	2	0	2	—	9.8	26.0	24	0	00	6	26	2	0	0	—	10.2	17.0	54	0	156
LUXOR	00	7	10	2	0	0	—	9.5	28.0	27	0	00	6	32	1	0	0	—	11.0	18.2	35	0	157
ASWAN	00	9	25	1	0	0	—	9.1	27.4	14	0	00	9	00	0	0	0	—	10.0	23.0	18	0	158
WESTERN DESERT																							
SIWA	00	6	18	4	0	0	—	6.8	29.5	52	0	00		00	0	0	0	—	4.0	18.5	58	0	148
BAHARIYA																							149
KHÂRGA	00	9	14	1	0	0	—	11.5	27.4	15	0	00		32	1	0	0	—	10.7	21.2	24	0	151
DAKHLA	00	8	04	3	0	0	—	12.3	25.1	20	0	00	6	32	2	0	0	—	11.1	16.2	25	0	152
RED SEA																							
TOR	00	7	28	4	0	0	—	12.6	20.9	54	0	00	7	28	3	0	0	—	11.2	19.5	79	0	145
HURGHADA												00	9	12	1	0	0			19.1	38	0	146
QUSEIR	00	8	32	2	0	0	—	10.2	19.0	49	0	00	8	32	2	0	0	—	10.6	18.3	48	0	147
PORT SUDAN	00	8	04	3	0	0	—	8	26	42													168
NORTH SÛDÂN																							
WADI HALFA	00	8	32	2	0	0	—	8	27	08													165
KAREIMA	00	8	04	3	0	1	1,2	7	31	04													166
ATBARA	00	8	30	3	1	0	—	5	32	13													167
KHARTUM	01	8	30	3	1	4	1	5	32	09													169
KASSALA	02	8	06	1	1	5	1,2	1	35	13													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	9	32	1	1	6	1	3	34	05													171
RENK																							182
ROSEIRES	00	8	30	1	0	0	—	2	37	17													172
EL OBEID	02	9	32	2	1	5	2	4	32	26													174
EL FÂSHER	01	7	04	3	1	4	1,2	—	33	17													175
GENEINA	01	7	06	2	1	3	2	—	37	05													179
KADUGLI	00	8	28	2	1	3	1	3	37	07													187
S. SÛDÂN																							
MALAKAL	00	8	02	1	0	0	—	3	37	11													176
WAU																							177
JUBA	01	8	04	2	0	4	8	3	37	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 8th

MATRÛH	MARIUT	PORT SAʿÎD	ALMÂZA	MINYA	LUXOR 13 h. m.	HURGHÂDA	WÂDI HALFA 12 h. 45 m.	KAREIMA 13 h. m.	KHARTÛM 14 h. m.	KASSALA	EL OBEID 13 h. m.	MALAKAL	JUBA 13 h. m.
					03 31 05		09 03 15	09 01 20	09 36 15		09 03 30		09 29 05
					06 06 05		12 02 10	15 34 30	15 01 25		15 05 15		15 32 10
					09 27 05		15 35 15	21 34 35	21 36 35		21 35 20		21 35 05
					15 30 10		21 32 30	24 31 45	24 36 100		27 02 35		27 04 15
					21 29 15		27 31 40	30 31 60	30 34 45		33 03 30		
					27 29 35		33 31 70	39 30 55			36 04 25		
					30 28 45		39 30 70						
					36 28 55								
					42 27 60								

Mean of day

STATION	Humidity % on 8th	Diff. from normal	Wet Bulb Temp. °C on 8th	Diff. from normal
Alexandria	54	-11	12.0	-0.6
Ezbekiya	52	-8	11.7	-0.5
Giza	54	-11	12.1	0.0
Helwan	32	-15	10.6	-0.3

GÎZA — Grass minimum temp. on 9th 6.3°C

CAIRO — Water temp. river Nile at 9h. on 9th 17.7°C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	9-3	810	810
	8-3	810	810

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9th			12.54	-0.73
Nasser				5.01	-0.05
Malakâl		9.96	-0.31	9.98	-0.30
J. Aulia Res.					
J. Aulia D.S					
Roseires		11.84	+0.39	11.85	+0.38
Sennar Res.				19.45	
Khartûm		10.62	+0.38	10.72	+0.45
Kh. el Girba					
Atbara		10.60	+0.48	10.62	+0.49
Kajnarti		132.19	-0.21	131.98	-0.43
Aswân Res.		119.13		119.14	
Aswân D.S		84.87	-0.95	84.87	-0.96
Roda (Cairo)		16.36	+0.78	16.40	+0.82

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At 8h. on SATURDAY 9th — الساعة ٨ يوم ٩ السبت

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												—		—				88
MATRÛH	00	9	00	0	0	0	—	8.0	-8.7	15.3	26	+7	12	+2	68	0	83	147
MARIUT	00	7	13	2	0	1	4	10		14	24	—	9	—	55	0	168	134
ALEXANDRIA	01	8	12	1	2	3	8	9.6	-6.7	14.0	24	+3	10	-2	51	0	140	173
DAMIETTA	00	8	12	3	1	3	1	10.7	-5.3	17.2	21	—	14	—	57	0	63	94
PORT SAʿÎD	01	8	10	2	1	4	2	11.4	-4.0	17.8	22	+1	12	-1	53	0	44	65
EL ʿARÎSH	00	7	30	1	0	0	—	—	—	16.3	21	0	10	0	69	0	51	75
LOWER EGYPT																		
DAMANHÛR	00	6	16	3	0	0	—	10.0	-6.3	13.2	24	+2	9	0	66	0	73	86
MANSÛRA	01	8	08	1	1	3	0	10.7	-5.5	14.2	24	+2	9	0	57	0	24	43
TANTA	01	8	16	1	1	4	4	10.2	-6.6	14.0	24	+1	9	+1	52	0	47	33
ZAGAZIG	00	6	08	2	0	0	—	9.8	-6.7	14.0	24	+1	10	+2	49	0	6	22
SHEBÎN EL KÔM	00	8	12	2	0	3	3	9.8	-6.9	14.3	25	—	10	—	49	0	14	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	18	5	0	2	4	9.3	-7.3	23.0	26	—	16	—	24	0	2	—
CAIRO EZBEKÎYA	05	6	18	3	0	4	4	10.3	-6.3	17.2	25	+1	13	+3	32	0	2	20
CAIRO GÎZA	05	7	14	3	3	3	4	10.6	-6.2	16.9	26	+3	9	+1	41	0	13	19
HELWÂN	00	8	10	2	0	1	4	10.8	-5.9	18.8	24	+1	13	+3	16	0	2	21
SUEZ	00	9	12	1	0	0	—	11.9	-4.1	18.6	24	+1	13	+1	55	0	—	13
UPPER EGYPT																		
FAIYÛM	00	8	12	2	0	2	8	11.0	-5.5	17.0	26	+2	11	+2	32	0	8	7
MINYA	00	9	16	2	0	0	—	10.4	-6.5	17.6	26	+1	13	+4	32	0	dr	—
ASYÛT	00	6	12	1	0	0	—	12.2	-4.6	14.3	27	+1	10	+1	57	0	0	4
NAGʿ HAMÂDI	00	8	00	0	0	0	—	13.4	-2.8	15.7	26	—	6	—	43	0	1	—
QENA	00	7	08	2	0	0	—	13.4	-1.9	15.2	28	-1	6	-5	40	0	13	—
LUXOR	00	7	28	2	0	0	—	13.6	-2.3	15.0	28	-1	7	-2	47	0	0	—
ASWÂN	00	9	24	1	0	0	—	12.8	-2.8	15.8	30	+1	11	-3	57	0	dr	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	7.0	-11.2	16.0	32	+8	10	+3	66	0	1	7
BAHARÎYA	00	9	00	0	0	0	—	—	—	13.0	21	-3	8	0	66	0	0	
KHÂRGA	00	9	00	0	0	0	—	12.6	-3.7	14.6	28	0	10	0	32	0	1	—
DÂKHLA	00	7	08	3	0	0	—	12.6	-4.2	18.9	29	+2	12	+3	30	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	12.8	-2.4	20.9	21	-2	15	+3	52	0	0	12
HURGHÂDA	00	9	00	0	0	0	—	12.3	-2.8	21.0	23	-1	15	+3	49	0	1	3
QUSEIR	00	8	24	1	0	0	—	12.0	-2.6	20.0	24	-1	14	-2	64	0	11	4
PORT SÛDÂN			30	3	0	1		12		23					69	0	17	94
NORTH SÛDÂN																		
WÂDI HALFA	01	8	00	0	1	3	1	12		17					28	0	tr.	—
KAREIMA	00	8	02	2	0	1	1,2	11		19					26	0	7	1
ʿATBARA	00	8	02	2	0	3	1	11		21					23	0	2	2
KHARTÛM	00	8	32	3	0	1	1	9		23					15	0	3	4
KASSALA	00	7	00	0	0	0	—	8		24					38	0	31	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	02	4	1	2	3	8		25					14	0	13	12
RENK	00	9	02	3	0	0	—	—		24		—		—	30	—	—	49
ROSEIRES																0	80	37
EL OBEID	00	9	00	0	0	3	1,2	9		22					31	0	44	16
EL FÂSHER	00	9	02	2	0	3	1	—	—	18					30	0	2	6
GENEINA	00	7	00	0	0	3	1	—	—	17		—		—	11	0	—	4
KADUGLI	01	8	28	2	1	5	1	9		24		—		—	13	—	—	91
S. SÛDÂN																		
MALAKÂL	00	8	32	2	0	0	—	8		27					10	0	170	89
WÂU	00	7	00	0	0	0	—	9		26					40	0	113	154
JUBA	01	8	14	3	0	4	4	6		29					55	0	188	169

Upper Winds are in the Code HHDDVV where HH is Height 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	MARIUT 7 h. m.	PORT SAʿÎD	HELWÂN 8 h. 30 m.	MINYA	ASYÛT	LUXOR 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 18 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. 15 m.	KHARTÛM 7 h. m.
	03 22 20		02 15 25			03 27 10	05 05 05	09 06 05	09 04 35	09 04 30	09 04 40
	06 21 60		05 18 60			06 17 10	10 21 10	15 03 25	15 03 25	15 02 30	15 04 30
	09 22 70		08 19 45			09 18 05	15 36 10	21 01 25	21 36 25	21 36 45	21 03 35
	12 23 85		10 20 40			15 20 10	20 01 25	27 35 40	27 04 40	24 35 65	24 01 55
	15 22 65		15 20 85			21 23 05	25 35 25	30 32 55	33 35 40	30 33 60	30 36 55
			20 23 35			30 24 20	30 34 45			39 31 45	39 34 25
			23 23 30				35 31 75				
			25 33 10				40 31 60				
			30 32 20								

KASSALA	PORT SÛDÂN 7 h. 30 m.	EL OBEID 6 h. 30 m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
	09 01 15	09 03 15	09 03 15	09 10 20	09 02 55
	15 10 15	15 03 20	15 09 15	15 14 20	15 03 40
	21 07 15	21 03 20		21 14 10	21 03 10
	27 06 05	27 01 15		27 17 05	27 20 05
	33 06 15	33 31 15		33 27 05	33 21 05
		39 26 20		39 01 10	39 25 05

UPPER AIR TEMP. ALMÂZA AT 24h. G.M.T. ON 8th

HEIGHT	PPP mb	T	
Surface	999.2	5.9	47
500	982	68	49
1000	964	66.5	48
1500	947	65	47
2000	930	64	46
4000	864	58	41
6000	801	50	37
8000	743	40	31
10000	688	32	29
12000	636	29.5	21
14000	588	22	19
16000	542	17	18

CYPRUS SYNOPTIC 9h ON 9th

34700	02990	04428	13141	07301	00080
34857	02855	12326	14121	19303	00080

PRESENT WEATHER (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)

WIND FORCE

Gale	51-60	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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	0
Cirro-stratus	1
Cirro-cumulus	2
Alto-cumulus	3
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 12
Sunset 17 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MARCH 1946 — شهر مارس ١٩٤٦

At 14h. on SATURDAY 9th (الساعة ١٤ يوم ٩) — At 20h. on 9th (الساعة ٢٠ يوم السبت 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 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	10	1	0	0	—	6.8	20.8	60	0	00		00	0	0	0	—	7.4	17.2	49	0	131
Mariut	00	9	15	2	0	0	—	8	29	33	0	05	6	07	3	0	4	6,1	8	20	53	0	150
Alexandria	00	9	12	1	0	0	—	7.9	28.0	—	0	02	6	10	4	2	7	6	7.5	21.2	48	0	132
Damietta	00	8	08	3	1	0	—	10.8	25.7	38	0	02	8	10	3	1	6	6,4,5	9.9	19.2	66	0	159
Port Sa'îd	00	8	08	3	0	0	—	9.9	21.3	52	0	02	8	10	3	2	7	6	10.6	19.5	57	0	134
El 'Arîsh	00	7	30	1	0	0	—	10.8	18.7	59	0	00	7	00	0	0	0	—	12.2	13.5	72	0	135
Lower Egypt																							
Damanhûr	00	6	16	4	0	0	—	7.2	30.2	19	0	02	5	16	3	1	5	1	7.5	16.3	58	0	136
Mansûra	01	8	12	1	1	4	6	9.2	28.0	28	0	01	6	04	1	1	3	8	9.4	18.8	60	0	137
Tanta	00	8	14	2	1	0	—	8.3	30.0	11	0	00	8	00	0	0	0	—	8.6	20.3	47	0	138
Zagazig	00	6	24	2	0	0	—	8.6	28.8	20	0	00	6	04	1	0	0	—	8.7	22.8	39	0	139
Shebîn el Kôm	00	8	12	4	0	0	—	8.2	31.9	21	0	02	8	12	2	3	5		9.2	22.0	49	0	—
Middle Egypt																							
Cairo Almaza	00	7	18	4	0	2	4,5	7.5	30.5	24	0	03	7	14	2	2	8	4,5	8.6	26.6	35	0	141
Cairo Ezbekîya	00	8	16	4	0	0	—	8.0	30.6	14	0	03	7	00	0	1	8	4,5	8.4	23.1	41	0	—
Cairo Gîza	00	7	14	3	0	1	4	7.8	31.8	18	0	02	7	12	3	2	5	5	8.6	23.4	38	0	—
Helwân	00	8	16	3	0	2	4	7.9	28.8	11	0	02	6	08	3	2	8	4	8.6	27.0	15	0	143
Suez	00	9	20	1	0	0	—	10.8	22.4	50	0	02	8	08	1	2	5	5		19.1	63	0	144
Upper Egypt																							
Faiyûm	01	8	16	3	1	3	2	7.8	31.0	13	0	02	7	16	1	2	8	2	7.9	25.7	26	0	153
Minya	01	8	16	4	1	4	2	7.4	29.2	17	0	03	8	16	2	2	8	5	8.0	23.7	29	0	154
Asyût	00	6	12	2	0	0	—	9.4	26.8	32	0	03	6	12	2	2	8	6	10.0	24.0	33	0	155
Nag Hamâdi	00	8	08	2	0	0	—	9.5	30.0	19	0												164
Qena	00	9	08	2	0	0	—	9.8	28.6	16	0	01	6	20	1	0	3	1	11.1	20.6	54	0	156
Luxor	00	7	26	2	0	0	—	—	30.5	29	0	00	6	28	1	0	0	—	11.?	21.0	41	0	157
Aswân	00	9	20	1	0	0	—	9.1	31.6	10	0	00	9	00	0	0	0	—	10.8	25.0	16	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	7.0	30.0	55	0	00		00	0	0	0	—	7.8	—	61	0	148
Baharîya	01	9	08	1	1	4	2	—	30.0	47	0	00		00	0	0	0	—	—	—	66	0	149
Khârga	00	9	12	2	0	0	—	10.6	31.4	08	0	00		00	0	0	0	—	10.3	25.4	20	0	151
Dakhla	00	8	18	4	0	0	—	7.9	33.8	15	0	00	6	24	2	0	0	—	10.0	24.8	18	0	152
Red Sea																							
Tôr	00	7	16	4	0	0	—	12.8	23.2	57	0	00	7	16	3	0	0	—	14.0	19.9	25	0	145
Hurghada	00	9	12	2	0	0	—	13.6	24.0	53	0	00	9	12	3	0	0	—	14.0	20.8	52	0	146
Quseir	00	8	30	2	0	0	—	12.7	22.8	64	0	00	8	32	2	0	0	—	11.8	21.0	67	0	147
Port Sûdân	00	8	04	4	0	2	3	10	28	70													188
North Sûdân																							
Wâdi Halfa	01	8	06	2	1	3	2	8	34	04													165
Kareima	00	8	08	3	0	1	1	7	34	07													166
'Atbara	00	8	04	2	0	0	—	6	33	07													167
Khartûm	00	8	04	3	0	0	—	6	34	09													169
Kassala	01	8	32	2	0	3	1	3	37	14													170
Central Sûdân																							
Wad Medani	00	8	02	2	0	2	1	3	37	07													171
Renk	00	9	28	3	0	0	—	4	38	18													182
Roseires	00	8	24	1	0	0	—	4?	38	18													172
El Obeid	00	9	02	3	0	0	—	4	35	25													174
El Fâsher	01	9	06	3	1	3	1	—	36	15													175
Geneina	02	7	00	0	1	5	2	—	38	11													179
Kadugli	00	8	04	3	0	0	—	3	39	04													187
S. Sûdân																							
Malakâl	00	8	16	1	0	2	1	3	38	09													176
Wâu																							177
Juba	00	8	32	1	1	2	8	4	32	43													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:

Matrûh 14 h. 15 m.	Mariut	Port Sa'îd	Almâza	Minya 13 h.	Luxor 13 h.	Hurghâda	Wâdi Halfa 13 h. 15 m.	Kareima 13 h.	Khartûm 13 h.	Kassala 12 h. 30 m.	El Obeid 12 h. 15 m.	Malakal 13 h. 30 m.	Juba 13 h.
03 08 25				03 16 20	03 23 05		09 08 15	09 06 20	09 04 30	09 32 10	09 05 15	09 02 10	09 35 10
06 24 30				06 16 30	06 16 10		15 05 15	15 05 20	15 04 25	15 34 10	15 06 25	15 03 05	15 34 05
09 26 15				09 17 60	09 12 20			21 04 40	21 04 20	21 02 10	21 04 20	21 01 15	21 36 10
15 21 02				12 19 45	15 12 15			24 36 45	24 03 50	27 05 05		27 01 15	27 04 15
21 26 30				15 21 50	21 28 15			30 36 40	30 36 50	33 07 05	39 04 45	33 35 15	
24 24 40				18 22 30	27 26 25							39 36 15	39 06 15
27 25 45					30 26 40								
30 25 55													

	Mean of day Humidity % on 9th	Diff. from normal	Wet bulb temp. °C on 9th	Diff. from normal
Alexandria	46	−19	13.1	+0.4
Ezbekiya	31	−29	13.8	+1.6
Giza	35	−29	14.6	+2.4
Helwan	18	−37	12.4	+1.4

Gîza — Grass minimum temp. on 10th 18.2 °C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	10-3	533	752
	9-3	810	810

Cairo — Water temp. River Nile at 9h. on 10th 18.3 °C

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10th			12.54	−0.73
Nâsser				5.01	−0.04
Malakâl		9.94	−0.31	9.96	−0.31
J. Aulia Res.				376.59	
J. Aulia D.S.				371.87	+0.79
Roseires		11.86	+0.43	11.84	+0.39
Sennar Res.				19.39	
Khartûm				10.62	+0.38
Kh. el Girba					
'Atbara		10.58	+0.47	10.60	+0.48
Kajnarti				232.14	−0.21
Aswân Res.		119.13		119.13	
Aswân D.S.		84.90	−0.90	84.87	−0.95
Roda (Cairo)				16.36	+0.38

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.	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												—		—				89
Matrûh	00	9	00	0	0	0	—	7.5	−9.2	15.2	24	+5	12	+2	92	0	83	147
Mariut	05	6	18	2	0	5	2	6		16	29	—	13	—	72	0	168	134
Alexandria	03	7	12	2	2	8	5	6.3	−9.9	18.1	29	+8	~~12~~	~~+1~~	65	0	140	174
Damietta	30	3	20	4	3	9	—	7.2	−8.8	22.5	27	—	17	—	55	0	63	94
Port Sa'îd	31	1	20	3	3	9	—	7.5	−7.8	24.2	23	+2	17	+4	42	0	44	66
El 'Arîsh	02	7	30	1	1	6	4	13.2	−6.4	16.4	20	−1	10	0	71	0	51	76
Lower Egypt																		
Damanhûr	33	0	28	4	3	9	—	6.2	−10.1	23.2	31	+9	13	+4	37	0	73	86
Mansûra	05	4	20	2	3	0	—	7.1	−9.1	23.8	30	+7	17	+8	46	0	24	43
Tanta	05	4	16	3	2	8	5	7.1	−9.7	25.0	31	+8	15	+7	36	0	47	33
Zagazig	01	6	16	4	1	4	5	7.2	−9.2	25.1	31	+8	14	+6	39	0	6	22
Shebîn el Kôm	02	4	16	4	5	5	5	5.5	−11.1	25.2	32	—	14	—	39	dr.	14	—
Middle Egypt																		
Cairo Almaza	03	5	18	5	3	8	6,2	8.0	−8.6	27.4	32	—	17	—	35	0	2	—
Cairo Ezbekîya	12	5	12	4	3	5	5,6	8.6	−8.0	25.2	32	+8	23	+13	27	dr.	2	20
Cairo Gîza	02	5	14	3	3	5	5,8	8.6	−8.2	24.5	33	+10	21	+13	31	0	13	20
Helwân	21	6	14	5	5	8	5,9	9.2	−7.4	26.0	31	+8	25	+14	18	dr.	2	21
Suez	03	8	12	4	2	8	5	11.5	−4.5	19.9	25	+2	18	+6	72	0	—	13
Upper Egypt																		
Faiyûm	03	8	14	3	2	8	5	10.4	−6.1	22.5	32	+7	21	+12	30	0	8	7
Minya	03	8	32	2	2	8	5	10.6	−6.2	18.7	30	+5	16	+7	51	0	dr.	—
Asyût	03	6	12	2	2	8	6	10.8	−5.9	18.0	28	+2	9	0	44	0	0	4
Nag Hamâdi												—		—				—
Qena	01	7	12	3	1	3	2	14.3	−0.4	16.8	31	+2	10	−1	50	0	13	—
Luxor	00	7	28	2	0	0	—	13.8	−2.0	20.8	32	~~±3~~	11	~~±1~~	43	0	0	—
Aswân	00	9	00	0	0	0	—	13.0	−2.5	20.0	34	+5	14	0	37	0	dr.	
Western Desert																		
Sîwa	02	7	00	0	1	6	3	7.5	−10.7	15.5	31	+7	13	+5	74	0	1	7
Baharîya	01	9	00	0	1	4		—	—	11.5	32	+8	7	−1	70	0	0	7
Khârga	02	9	00	0	2	6	5	12.2	−4.1	18.3	33	+5	11	+1	34	0	1	—
Dâkhla	00	7	08	3	0	0	—	12.3	−4.5	22.3	34	+7	17	+8	25	0	0	—
Red Sea																		
Tôr	00	7	10	3	0	0	—	14.0	−1.1	22.1	23	−1	~~10~~ 15	+3	37	0	0	12
Hurghâda	01	8	12	1	1	4	8	13.6	−1.4	22.0	26	+2	16	+4	82	0	1	3
Quseir	00	7	16	2	0	0	—	11.2	−3.4	21.0	24	−1	17	+1	80	0	11	4
Port Sûdân	00	8	26	1	0	1	8	13		23					78	0	17	94
North Sûdân																		
Wâdi Halfa	00	7	00	0	0	0	—	12		19					24	0	tr.	—
Kareima	00	8	04	1	0	0	—	12		21					23	0	7	1
'Atbara	00	8	32	1	0	0	—	12		22					33	0	2	2
Khartûm	00	8	02	3	0	0	—	1		23					15	0	3	4
Kassala	05	7	00	0	0	0	—	9		23					47	0	31	8
Central Sûdân																		
Wad Medani	00	9	02	4	0	0	—	9		26					34	0	13	12
Renk	00	9	28	3	0	0	—	7		24		—		—	30	—	—	49
Roseires	00	8	30	1	0	0	—	8		21					40	0	80	37
El Obeid	00	9	32	3	0	0	—	10		22					31	0	44	16
El Fâsher	01	9	00	0	1	4	1	—	—	21					25	0	2	6
Geneina								—	—			—		—				4
Kadugli	01	8	28	2	1	4	1	9		27		—		—	17	—	—	91
S. Sûdân																		
Malakâl	00	8	02	4	0	2	3	8		27					17	0	170	89
Wâu	00	7	00	0	0	0	—	8		21					50	0	113	155
Juba	05	6	12	1	1	8	4,5	10		24					69	0	191	170

Upper Winds are in the Code HHDDVV where HH is Height 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:

Matrûh 7 h. 15 m.	Mariut 7 h. 15 m.	Port Sa'îd	Helwân 9 h.	Minya 7 h. 30 m.	Asyût	Luxor 7 h.	Aswân 7 h.	Wâdi Halfa 7 h. 15 m.	Abu Hamad 7 h. 30 m.	Kareima 7 h. 15 m.	Khartûm 6 h. 30 m.
03 02 15	03 24 40		02 19 40	03 16 40		03 15 25	02 18 05	09 11 15		09 05 25	09 02 40
06 06 15	06 20 35		05 21 70	06 18 45		06 17 30	05 14 40	15 15 20	15 03 30	15 06 25	15 04 40
09 30 10	09 21 35		08 22 60	09 18 55		09 16 25	10 14 15	21 04 10	21 05 30	21 05 40	21 04 60
15 31 05	12 22 30		10 22 60	12 20 50		15 15 30	15 16 30	27 26 05	27 04 40	24 03 30	
				15 23 45		21 18 30		33 29 30	33 02 35	30 36 30	
						27 21 20		39 29 50	36 02 30	39 34 25	
						30 25 35					

Kassala 6 h. 30 m.	Port Sûdân 7 h.	El Obeid 6 h. 45 m.	El Fâsher 7 h.	Geneina	Malakal 7 h.
09 05 05	09 04 15	09 02 20	09 02 20		09 03 60
15 04 15	15 06 15	15 04 15	15 07 25		15 03 55
21 03 40	21 06 10	21 04 20	21 08 20		21 03 55
	27 02 20	27 01 15	27 08 25		27 03 55
		33 32 10	33 09 40		33 03 55
			39 12 25		

Upper air temp. Almâza — Height metres: Surface, 500, 1000, 1500, 2000, 4000, 6000, 8000, 10000, 12000, 14000, 16000

Cyprus synoptic on 10th:
34750 02974 04327 10160 68000 00060
34857 03962 14328 13130 89101 20080

Strong gale; Whole gale; Storm; Hurricane

WIND DIRECTION (DD) is on Scale 0-32, 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
	5
10	6
20	7
50	8
Visible over 50 Kms	9

CLOUD AMOUNT (N)
Clear 0

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

CAIRO Time of Sunrise h. 06 m. 11
Sunset 18 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month March 1946 — شهر مارس ١٩٤٦

At 14h. on Sunday 10th (الساعة ١٤ يوم) — At 20h. on (الساعة ٢٠ يوم الأحد ١٠)

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																							130
Matrûh	00	9	26	1	0	0	—	8.6	18.6	83	0	00		26	3	0	0	—	13.1	17.6	73	0	131
Mariut	05	6	28	3	2	4	1	5	21	65	0	05	6	28	3	0	0	—	10	17	88	0	150
Alexandria	02	8	28	2	1	7	5	5.9	20.8	75	0	12	6	28	3	2	5	8	11.2	17.0	88	0	132
Damietta	33	2	20	6	3	9	—	4.0	27.5	41	0	05	5	20	3	3	0	—	8.6	17.3	90	0	159
Port Saîd	33	1	18	5	3	9	—	4.3	28.5	29	0	01	6	24	3	4	3	5	8.2	19.2	72	0	134
El Arîsh												00	7	30	1	0	0	—	—	18.5	—	0	135
Damanhûr	02	5	28	4	1	5	1	4.8	27.2	36	0	00	6	30	3	1	0	—	9.8	15.3	68	0	136
Mansûra	18	4	18	6	3	0	—	4.6	28.4	32	0	01	6	24	1	1	3	0	10.3	17.0	80	0	137
Tanta	03	7	16	6	2	8	6	5.2	28.0	33	0	03	7	16	2	2	8	6	10.6	16.5	84	0	138
Zagazig	18	5	20	6	3	0	—	5.9	30.2	19	0	00	6	28	4	3	0	—	9.2	19.4	63	0	139
Shebîn el Kôm	36	3	18	7	3	9	—	5.2	30.3	30	0	01	7	16	2	2	4	8	—	19.0	62	0	—
Almaza	18	4	20	6	2	6	5,6	5.0	31.1	38	0	01	7	30	2	2	5	4,5	8.4	22.3	53	0	141
Ezbekîya	33	3	18	6	3	8	5	6.4	30.6	21	0	01	6	02	2	1	3	4	10.3	22.0	60	0	—
Gîza	30	3	18	6	3	9	—	6.6	30.4	21	0	01	7	30	2	2	4	6	9.8	21.4	49	0	—
Helwân	12	5	18	7	5	5	5	7.0	29.0	18	dr.	01	6	30	3	1	5	1	10.8	23.1	37	0	143
Suez	03	8	14	2	2	8	5	9.2	23.4	36	0	00	9	16	1	0	0	—	9.1	20.6	63	0	144
Faiyûm	02	7	16	4	5	7	5	7.4	27.3	25	dr.	02	8	00	0	2	7	5	9.4	22.9	29	0	153
Minya	03	8	16	2	5	8	5	11.1	24.2	42	dr.	02	8	12	1	2	7	2	9.4	22.0	39	0	154
Asyût	03	6	28	1	2	8	6	10.7	25.1	45	0	03	6	30	1	2	8	6	11.6	24.0	39	0	155
Nag Hamâdi																							164
Qena	01	9	22?	3	1	3	1	9.2	32.8	25	0	01	6	24	1	1	3	3	10.8	23.6	44	0	156
Luxor	01	7	30?	2	1	4	1	10.8	35.5	20	0	00	6	28	1	0	0	—	11.4	27.0	19	0	157
Aswân	00	9	23	1	0	0	—	9.0	36.5	10	0	00	9	00	0	0	0	—	10.3	28.0	12	0	158
Sîwa	02	7	26	2	1	6	3	9.0	30.5	62	0	00	5	26	3	0	0	—	12.3	24.0	75	0	148
Baharîya	01	9	08	2	1	4		10.2?	31.0	—	0	01	4	32	1	1	4		12.7	22.5	—	0	149
Khârga	03	9	16	2	2	8	5	11.1?	34.0	08	0												151
Dâkhla	00	9	30	2	0	0	—	8.8?	34.2	13	0	00	7	32	1	0	0	—	9.9	29.8	20	0	152
Tôr	01	7	12	4	0	3	5	12.8	23.1	50	0	00	6	16	3	0	0	—	13.0	24.9	28	0	145
Hurghâda	02	7	12	1	2	6	8	13.9	24.0	67	0	00	9	12	1	0	0	—	13.6	21.0	82	0	146
Quseir	00	8	14	2	0	0	—	12.3	23.5	79	0	00	8	04	2	0	0	—	11.8	23.0	78	0	147
Port Sûdân																							169
Wâdi Halfa	00	8	08	2	0	0	—	8	38	03													165
Kareima	00	8	05	3	0	0	—	7	38	04													166
Atbara	00	8	06	1	0	0	—	6	36	05													167
Khartûm	00	8	02	4	0	0	—	5	37	10													168
Kassala	00	8	32	2	0	2	1	3	38	15													170
Wad Medani	00	8	02	2	0	2	1	3	39	03													171
Renk	00	7	28	3	0	0	—	—	40	14													182
Roseires	00	8	24	1	0	0	—	2	40	20													172
El Obeid	00	9	02	4	0	3	2	4	37	20													174
El Fâsher	01	9	04	2	1	3	1	—	37	13													175
Geneina	00	9	32	2	0	0	—	—	38	06													179
Kadugli	01	8	28	3	1	4	1	3	40	08													187
Malakâl	01	8	32	2	1	4	2	3	39	09													176
Wâu																							177
Juba	02	8	16	1	8	8	4,5	6	32	43													178

At 8h. on Monday 11th (الساعة ٨ يوم الاثنين ١١)

Region	Station	Present Weather	Visibility	Wind Dir.	Force	Past Weather	Cloud Amount	Form	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												—		—				89
	Matrûh	02	9	26	3	0	7	8	15.2	-1.5	16.0	19	0	15	+5	65	0	83	147
	Mariut	02	7	30	3	0	5	8	13	—	17	25	—	15	—	77	0	168	134
	Alexandria	02	8	04	3	2	5	8	14.6	-1.6	16.8	22	+1	15	+3	76	0	140	174
	Damietta	01	6	28	3	1	5	5	12.8	-3.2	16.8	29	—	15	—	83	0	63	95
	Port Saîd	01	7	26	3	1	4	6	12.8	-2.5	17.1	30	+9	15?	+2	87	0	44	66
	El Arîsh	02	7	00	0	1	6	4	12.3	-4.3	15.4	30	+9	10?	0	81	0	51	76
Lower Egypt	Damanhûr	01	6	32	3	1	4	3	13.2	-3.1	16.4	30	+7	12	+3	87	0	73	87
	Mansûra	01	8	08	1	1	4	0	12.8	-3.3	16.4	29	+6	12	+3	83	0	24	44
	Tanta	00	8	00	0	0	0	—	13.3	-3.5	14.5	29	+6	10	+2	95	0	47	33
	Zagazig	02	6	24	2	1	5	7	13.8	-2.6	15.2	31	+8	12	+4	97	0	6	22
	Shebîn el Kôm	09	5	16	2	0	0	—	13.5	-3.0	14.2	31	—	11	—	87	0	14	—
Middle Egypt	Cairo: Almaza	05	6	02	1	1	4	0	14.4	-2.1	15.8	32	—	14	—	88	0	2	—
	Cairo: Ezbekîya	05	6	30	2	1	5	8	14.3	-2.2	15.9	31	+7	15	+5	83	0	2	20
	Cairo: Gîza	01	6	26	2	2	4	8	14.2	-2.6	15.8	32	+8	14	+6	84	0	13	20
	Helwân	01	7	00	0	1	4	4	13.8	-2.8	15.2	31	+8	14	+3	79	dr.	2	21
	Suez	01	9	30	2	1	3	5	14.4	-1.6	16.6	27	+4	14	+2	76	0	—	13
Upper Egypt	Faiyûm	02	8	02	2	2	7	5	14.2	-2.3	15.5	31	+6	13	+4	79	dr.	8	7
	Minya	50	8	32	3	5	8	7	11.8	-5.0	14.4	25	0	14	+5	84	dr.	dr.	—
	Asyût	02	6	22	1	2	5	8	12.0	-4.6	18.8	26	0	17	+7	60	0	0	4
	Nag Hamâdi												—		—		—	1	—
	Qena	01	7	32	1	1	4	3	10.4	-4.8	24.0	33	+4	17	+6	54	0	13	—
	Luxor	01	7	22	2	1	4	3	12.0	-3.7	21.5	35	~~+6~~	16	~~+6~~	54	0	0	—
	Aswân	00	9	32	1	0	0	—	10.4	-5.0	20.4	38	+8	17	+3	25	0	dr.	—
Western Desert	Sîwa	02	7	00	0	1	5	3	17.0	-1.2	14.0	32	+8	12	+4	90	0	1	7
	Baharîya	01	9	00	0	1	4		15.9	-1.2	14.5	32	+7	9	0	62	0	0	7
	Khârga								10.8	-5.9								1	—
	Dâkhla	00	8	02	1	0	0	—	~~17.8~~	~~[struck]~~	24.8	36	+8	20	+11	38	0	0	—
Red Sea	Tôr	00	6	28	5	0	0	—	12.6	-2.4	21.2	26	+2	—	—	71	0	0	12
	Hurghâda	02	7	12	1	2	6	8	12.3	-2.7		26	+2	15	+3	42	0	1	3
	Quseir	00	8	28	1	0	0	—	10.6	-3.9	20.3	24	-1	17	+1	54	0	11	4
	Port Sûdân	01	8	28	1	0	4	4,8	12		27					74	0	17	94
North Sûdân	Wâdi Halfa																0	tr.	—
	Kareima	00	8	06	2	0	0	—	9		23					20	0	7	1
	Atbara	00	8	06	2	0	0	—	9		23					41	0	2	2
	Khartûm	01	8	04	2	1	3	1	9		23					27	0	3	4
	Kassala	00	8	32	1	0	1	1	6		28					45	0	31	8
Central Sûdân	Wad Medani	00	9	06	3	0	0	—	8		24					38	0	13	12
	Renk	00	9	28	3	0	0	—	6?		28		—		—	29	—	—	49
	Roseires	00	8	04	1	0	0	—	8		23					41	0	80	37
	El Obeid	00	9	00	0	0	2	2	8		26					25	0	44	16
	El Fâsher	01	9	22	2	1	4	2	—	—	18					30	0	2	6
	Geneina	00	9	00	0	0	1	1	—	—	19		—		—	19	0	—	4
	Kadugli												—		—		—	—	91
S. Sûdân	Malakâl	05	7	00	0	1	3	1	7		29					19	0	170	89
	Wâu	01	8	00	0	1	3	1	8		24					34	0	113	155
	Juba	01	8	12	3	1	4	4	9		27					55	tr.	191	171

Present Weather (ww)

Code	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	
Mainly overcast	
Sandstorm, Duststorm	3
Fog, thick dust haze	
Drizzle	
Rain	5
Snow, sleet	
Showers	8
Thunderstorm	

Visibility (V)

Objects not visible at 50 metres 0
200
500
Kilometres
... visible over 50 kms

Upper Winds

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

10th

Matrûh	Mariut	Port Saîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13 h.	13 h. 15 m.				13 h.								
03 31 30	03 27 30				03 25 05								
06 30 30	06 28 35				06 16 20								
09 30 30	09 29 30				09 18 35								
15 27 40	12 29 30				15 21 40								
24 26 40					21 23 40								
30 23 40					30 27 30								

Upper Winds on 11th

~~Matrûh~~	Mariut	Port Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h.		7 h. 15 m.	8 h. 30 m.				7 h.				6 h. 30 m.
03 33 40		03 31 35	02 32 10				00 32 05				09 03 55
06 34 50		15 00 30	05 01 30				02 04 10				15 03 50
09 32 30			08 01 35				05 06 15				21 03 30
12 30 30			10 36 50				10 10 10				24 02 20
15 20 35			15 32 10				15 14 20				
18 30 65			20 25 05				20 21 10				
			23 27 20								
			25 25 30								
			29 24 50								

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 30 m.	7 h.	7 h. 15 m.	7	7 15	7
09 07 25	09 11 25	09 05 40	09 03 15	09 09 15	09 05 15
15 07 20	15 12 40	15 05 50	15 07 35	15 11 02	15 07 15
21 09 25		21 04 30	21 10 20	21 10 20	21 08 15
27 11 20		27 04 25	27 11 20	27 08 15	33 07 30
33 02 10		33 04 20	33 11 10	33 01 05	
39 32 15		39 09 15	39 16 05	39 02 10	

24h 11th

Height			
1000	1004	61	59
500	989	57	56
1000	968	55	55
1500	951	57	49
2000	934	62	46
4000	867	58	43
6000	804	50	37
8000	746	42	36
10000	690	33	27
12000			
14000			
16000			

Cyprus Synoptic on 11th

34800 02890 22127 1013 0 97802 00080
34700 02890 26128 09130 97404 01160

Sunshine and Maximum Temperature

Station	Sunshine on 10th %	Diff. from normal	Max. on 10th	Diff. from normal
Alexandria	73	+8	16.1	+3.4
Ezbekîya	39	-21	16.6	+4.3
Gîza	36	-28	15.9	+3.6
Helwân	22	-25	14.9	+3.8

Gîza Grass Minimum Temp. on 11th 12.5°

Water Temp. River Nile Cairo on 11th 18.5° C

Discharges at Aswân measured at sluices m^3 per sec.

11-3	833	752
10-3	833	752

Gauges

Date 11-3-46

Gauge	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				
Nasser			5.00	-0.05
Malakâl	9.92	-0.32	9.94	-0.31
J. Aulia Res.			376.52	
J. Aulia D.S.			371.89	+0.82
Roseires	11.85	+0.43	11.86	+0.43
Sennar Res.			19.33	
Khartûm	10.73	+0.53	10.72	+0.50
Kh. el Girba				
Atbara	10.57	+0.47	10.58	+0.47
Hejnarti			132.38	0.00
Aswân Res.	119.13		119.13	
Aswân D.S.	84.90	-0.89	84.90	-0.90
Roda (Cairo)	16.22	+0.64	16.31	+0.73

Annual Subscription P.T. 150

Cairo
Time of Sunrise 06 h. 10 m.
Sunset 18 h. 01 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month March 1946 — ١٩٤٦ شهر مارس

At 14h. on 11-3 — الساعة ١٤ يوم ١١/٣ ; At 20h. on 11-3 — الساعة ٢٠ يوم ١١/٣

STATION	14h Present Weather (ww)	14h Visibility	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 h. mms	20h Present Weather (ww)	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 h. mms	Station Number
SALÛM																							130
MATRÛH	02	9	30	3	2	7	8	13.6	16.8	55	0	01	—	24	1	2	4	8	14.2	12.8	—	0	131
MARIUT	02	7	05	3	1	5	8,1	13	18	60	0	02	7	25	2	2	7	0,2	14	15	68	0	150
ALEXANDRIA	01	9	28	4	2	4	8	13.4	18.4	59	0	02	6	26	2	2	7	6	14.3	16.0	61	0	132
DAMIETTA	01	8	28	3	1	4	5	12.4	18.5	74	0	01	8	28	2	1	4	5	12.8	15.0	75	0	159
PORT SAÎD	01	7	32	3	1	3	4	8.4	20.8	68	0	00	7	30	2	0	2	1	13.1	15.4	77	0	134
EL ARÎSH	00	7	00	0	0	0	—	8.3	17.4	72	0	00	7	20	1	0	0	—	—	15.5	79	0	135
DAMANHÛR	01	7	04	3	1	4	1	12.6	20.2	55	0	01	6	04	3	1	4	—	14.0	14.4	75	0	136
MANSÛRA	01	8	04	2	1	4	0	12.2	22.0	35	0	01	6	28	2	1	4	8	13.8	14.4	72	0	137
TANTA	01	8	28	1	1	4	4	12.3	23.8	43	0	00	8	00	0	1	0	—	14.3	13.4	82	0	138
ZAGAZIG	00	6	24	2	0	3	8	11.2	24.5	49	0	02	6	30	3	1	5	8	13.0	15.4	77	0	139
SHEBÎN EL KÔM	00	8	30	3	0	3	3	11.8	24.6	43	0	01	8	30	2	1	4	8	13.6	13.9	77	0	—
ALMAZA	01	7	30	2	0	3	1	11.6	22.7	41	0	02	7	04	2	2	6	2	13.1	17.6	61	0	141
EZBEKÎYA	00	8	28	2	0	3	1	11.9	23.0	49	0	01	7	28	3	1	5	4	13.8	17.4	58	0	—
GÎZA	00	7	30	2	0	1	5	11.9	22.6	53	0	00	7	30	4	1	1	5	13.4	16.4	65	0	—
HELWÂN	01	7	30	3	1	3	4	11.6	23.3	29	0	02	6	30	3	2	6	4	12.8	18.1	54	0	143
SUEZ	00	9	32	3	0	2	3	12.4	22.1	35	0	01	9	30	1	1	4	3	13.5	18.3	60	0	144
FAIYÛM	02	8	32	3	2	6	5	11.5	23.8	34	0	02	8	32	2	2	6	5	12.2	20.0	40	0	153
MINYA	03	8	32	3	5	8	7	11.1	21.0	49	dr	02	8	30	1	5	5	8	10.3	16.8	76	dr	154
ASYÛT	01	7	20	1	2	5	8	10.0	25.1	49	0	01	6	32	1	2	5	8	9.5	20.5	52	0	155
NAG HAMÂDI	02	8	24	1	2	8	7	6.2	35.0	24	0	02	8	24	1	2	8	2	7.9	22.6	49	0	164
QENA	02	8	08	1	1	6	3	6.3?	33.2	20	0	02	6	12	2	1	6	3	6.7	25.0	38	0	156
LUXOR	02	7	02	2	2	6	3	9.4	35.0	26	0	00	6	28	2	0	0	—	7.1	25.8	31	0	157
ASWÂN	02	9	24	1	1	5	1	5.0	36.8	06	0	02	9	00	0	1	5	4	3.2	28.0	12	0	158
SÎWA	02	7	30	4	1	6	3	16.0	24.0	75	0	03	—	28	3	2	8	4	15.0	19.8	79	0	148
BAHARÎYA	01	9	00	0	1	4	—	15.4	22.0	50	0	00	—	00	0	0	0	—	9.2	15.0?	58	0	149
KHÂRGA	01	9	02	1	1	4	4	8.6	31.2	20	0	05	—	32	5	3	6	4	7.5	24.5	63	0	151
DÂKHLA	00	9	28	1	0	0	—	7.9	31.1	28	0	00	6	28	6	0	0	—	11.2	20.2	39	0	152
TÔR	00	7	28	4	0	0	—	9.9	24.3	57	0	01	7	28	5	0	3	5	—	23.3	47	0	145
HURGHÂDA	02	7	02	2	2	6	0	12.3	24.0	46	0	00	9	26	2	0	0	—	—	21.0	82	0	146
QUSEIR	00	8	08	3	0	0	—	9.6	25.0	61	0	01	8	02	2	1	4	5	9.1	22.6	58	0	147
PORT SÛDÂN	00	9	08	2	0	2	8	9	29	66	0												188
WÂDI HALFA	00	8	28	1	0	0	—	4	29	04	0												165
KAREIMA	00	8	08	1	0	0	—	3	40	08	0												166
ATBARA	00	8	04	3	0	0	—	3	38	11	0												167
KHARTÛM	00	8	04	3	0	0	—	2	39	10	0												169
KASSALA	00	8	02	4	0	0	—	99	41	10	0												170
WAD MEDANI	00	8	02	5	0	0	—	1	41	04	0												171
RENK	00	9	28	3	0	0	—	0	41	13	0												182
ROSEIRES	00	8	28	2	0	0	—	—	42	15	0												172
EL OBEID	00	9	04	4	0	0	—	4	37	20	0												174
EL FÂSHER	00	9	12	2	1	3	1	—	38	15	0												175
GENEINA	00	9	04	2	0	0	—	—	43	05	0												179
KADUGLI	00	8	20	3	0	3	1	2	41	07	0												187
MALAKÂL	01	8	28	1	1	5	8,2	1	42	16	0												176
WÂU																							177
JUBA	02	8	00	0	1	5	8,4	2	38	33	0												178

At 8h. on Tuesday 12 th — الساعة ٨ يوم الثلاثاء ١٢

Region	STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (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 (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				89
	MATRÛH	00	9	24	3	1	0	—	12.3	-4.4	13.0	18	-1	9	-2	70	0	83	148
	MARIUT	01	7	25	4	0	4	9	11		16	19	—	13	—	49	0	168	134
	ALEXANDRIA	02	8	28	5	2	5	8	11.5	-4.6	15.8	20	-1	14	+3	59	0	140	174
	DAMIETTA	00	8	20	2	1	3	8	10.8	-5.1	14.1	20	—	10	—	77	0	63	95
	PORT SAÎD	01	7	24	2	1	4	4	10.7	-4.5	15.7	22	+1	13	0	74	0	44	66
	EL ARÎSH	00	7	30	1	0	0	—	12.3	-4.2	15.4	20	-1	10	0	81	0	51	77
LOWER EGYPT	DAMANHÛR	01	6	28	3	1	3	8	11.5	-4.8	13.0	22	-1	9	-1	80	0	73	87
	MANSÛRA	01	8	02	1	1	3	0	11.6	-4.5	14.7	24	+1	9	0	68	0	24	44
	TANTA	00	8	00	0	0	0	—	11.8	-5.0	12.3	24	+1	7	-1	86	0	47	34
	ZAGAZIG	00	6	22	2	0	3	8	11.6	-4.8	13.6	26	+3	9	+1	76	0	6	23
	SHEBÎN EL KÔM	00	8	24	2	0	2	8	11.4	-5.1	11.9	26	—	9	—	80	0	14	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	24	1	0	2	4	11.4	-5.1	15.0	25	—	10	—	64	0	2	—
	CAIRO EZBEKÎYA	05	6	00	0	0	3	1	12.4	-4.1	13.7	25	+1	11	+1	72	0	2	20
	CAIRO GÎZA	00	7	24	2	0	2	5	12.7	-4.0	13.9	24	0	7	-1	79	0	13	20
	HELWÂN	05	6	00	0	0	1	1	12.3	-4.2	12.1	24	+1	9	-2	79	0	2	21
	SUEZ	01	9	02	1	1	5	3	12.2	-3.8	14.3	25	+2	12	0	67	0	—	13
UPPER EGYPT	FAIYÛM	01	8	02	2	0	4	4,5	12.7	-3.7	14.1	26	+1	10	+1	70	0	8	7
	MINYA	00	9	32	3	1	0	—	11.9	-4.8	13.6	22	-3	10	+1	74	dr	dr	—
	ASYÛT	01	7	30	1	1	3	8	11.4	-5.1	16.5	26	0	13	+3	42	0	0	4
	NAG HAMÂDI	02	8	32	1	2	5	1	8.3	-7.7	16.8	35	—	15	—	69	0	1	—
	QENA	02	7	22	3	1	6	2	—	—	20.2	36	+6	17	+6	58	0	13	—
	LUXOR	00	7	28	2	0	0	—	7.0	-8.7	22.4	37	+8	19	+9	34	0	0	—
	ASWÂN	02	9	32	5	1	5	6	4.4	-10.9	23.5	37	+7	18	+4	30	0	dr	
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	15.4	-2.7	12.5	25	0	8	0	83	0	1	7
	BAHARÎYA	00	9	00	0	0	0	—	12.3	-4.7	13.5	23	-2	8	-1	61	0	0	7
	KHÂRGA	02	9	02	5	3	6	4	10.4	-5.7	16.9	33	+5	16	+5	46	0	1	—
	DÂKHLA	00	7	28	4	0	0	—	13.2	-3.4	17.8	32	+4	15	+6	58	0	0	
RED SEA	TÔR	00	7	28	4	0	0	—	8.6	-6.3	20.2	27	+3	15	+3	42	0	0	12
	HURGHÂDA	01	8	30	6	0	3	8	9.6	-5.3	20.0	25	+1	14	+2	47	0	1	3
	QUSEIR	03	8	28	2	2	8	5	6.7	-7.8	21.0	29	+4	19	+3	55	dr	11	4
	PORT SÛDÂN	01	8	00	0	0	4	0	6		27					79	0	17	94
NORTH SÛDÂN	WÂDI HALFA	18	5	30	4	1	4	4	5		23					24	0	tr	
	KAREIMA	00	8	04	1	0	0	—	4		27					23	0	7	1
	ATBARA	00	8	06	2	0	0	—	4		25					48	0	2	2
	KHARTÛM	05	6	00	0	1	2	2	4		31					22	0	3	4
	KASSALA	30	8	00	0	0	0	—	4		24					50	0	31	8
CENTRAL SÛDÂN	WAD MEDANI	00	9	10	3	0	0	—	2		26					28	0	13	12
	RENK	00	9	28	3	0	0	—	2?		27		—		—	28	—	—	49
	ROSEIRES	00	8	28	1	0	0	—	4		24					34	0	80	37
	EL OBEID	01	9	00	0	0	3	2	2		—					29	0	44	16
	EL FÂSHER	01	9	00	0	0	5	2	—	—	19					28	0	2	6
	GENEINA	02	8	04	1	0	5	2	—	—	19		—		—	23	—	—	4
	KADUGLI	00	8	28	2	0	3	1	5		26		—		—	16	—	—	91
S. SÛDÂN	MALAKÂL	00	8	16	2	0	0	—	4		33					34	0	170	90
	WÂU																	113	156
	JUBA	00	8	14	2	0	0	—	5		27					70	2	193	172

Upper Winds are in the Code HHDDVV where HH is Height 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 12 h.	MARIUT 13 h. 15 m.	PORT SAÎD	ALMÂZA	MINYA	LUXOR 13 h.	HURGHÂDA	WÂDI HALFA 13 h. 15 m.	KAREIMA 11 h. 30 m.	KHARTÛM 13 h.	KASSALA 13 h.	EL OBEID 12 h. 45 m.	MALAKAL 13 h.	JUBA 13 h. 30 m.
03 28 10	03 31 40				03 02 15		09 18 15	09 09 20	09 03 35	09 04 15	09 05 30	09 31 05	09 10 10
06 28 20	06 21 45				06 03 15		15 22 20	15 07 10	15 03 30	15 03 40	15 06 45	15 31 05	15 12 10
09 29 30	09 30 40				09 02 15		21 28 25	21 32 15	21 02 40	21 02 40	21 06 30	21 02 05	21 11 20
15 30 35					15 09 20		27 04 40	24 32 15	24 02 35	27 03 30	27 04 25	27 04 05	27 08 20
21 28 30					21 10 20			30 32 15	30 04 30	33 28 20	33 04 25	33 10 05	33 09 20
30 27 40								39 31 10	39 27 05	39 24 20	39 33 15	39 09 05	39 08 40

Upper Winds are in the Code HHDDVV where HH is Height 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 7 h.	MARIUT 7 h. 15 m.	PORT SAÎD	HELWÂN 7 h.	MINYA 7 h.	ASYÛT	LUXOR 7 h.	ASWÂN 7 h.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. 15 m.	KAREIMA 7 h. 15 m.	KHARTÛM 7 h. 30
03 29 40	03 28 35		02 32 15	03 01 40		03 35 20	02 01 25	09 35 20	09 16 35	09 20 20	09 22 05
06 31 45	06 28 40		05 34 30	06 36 55		06 35 35	05 02 25	15 24 30	15 20 25	15 22 20	15 31 05
09 31 45	09 28 30		08 34 30	09 01 50		09 36 30	10 32 —			21 24 35	21 21 05
15 29 50			10 35 25	12 33 60		15 03 20	15 27 25			24 26 30	24 27 05
21 28 50			15 33 50	15 32 35		18 11 15	20 25 35			33 28 45	
			18 32 50			21 22 20	25 26 40			39 28 45	
						24 22 31	30 25 30				
							35 23 35				
							40 23 30				

KASSALA 6 h. 30 m.	PORT SÛDÂN 7 h.	EL OBEID 6 h. 45 m.	EL FÂSHER 7 h.	GENEINA 7 h.	MALAKAL 7 h.
09 03 15	09 14 15	09 07 20	09 34 10	09 04 30	09 17 30
15 01 15	15 09 05	15 03 15	15 12 15	15 06 20	15 18 40
21 01 20	21 32 05	21 01 15	21 17 10	21 06 20	21 19 20
27 36 20	24 31 05	27 29 15	27 25 05	27 05 20	27 22 10
33 36 30		33 25 15	33 21 05	33 33 10	33 01 05
39 01 35			39 30 05	39 35 15	39 29 10

Upper air temp. & humidity — at 01h G.M.T. on 12th

Height feet	PPP mb.	TT	T'T'
Surface	1002	54	51
500	984	55	50
1000	966	52	48
1500	949	50	46
2000	932	50	41
4000	865	45	34
6000	803	40	29
8000	744	34	27
10000	689	26	24
12000	637	22	21
14000	589	15	14
16000	543	6	6

CYPRUS SYNOPTIC 8h. ON 12th
34886 25864 10185 08090 40501 97060.
34727 02863 00015 08120 86402 00070.

Times are in Standard Time, 2 hours ahead of Greenwich Mean Time.

STATION	Humidity % on 11th	Diff from normal	Wet Bulb Temp °C on 11th	Diff from normal
Alexandria	65	0	13.6	+0.8
Ezbekiya	65	+5	14.7	+2.3
Giza	70	+6	14.7	+2.3
Helwan	60	+13	13.4	+2.2

(Mean of day)

GÎZA — GRASS MINIMUM TEMP. ON 12th 4.4 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 12th 18.2 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	3			12.54	-0.72
Nâsser				5.00	-0.04
Malakâl		9.92	-0.31	9.92	-0.32
J. Aulia Res.				376.51	—
J. Aulia D.S.				371.86	+0.80
Roseires		11.85	+0.43	11.85	+0.43
Sennar Res.				19.28	—
Khartûm				10.73	+0.53
Kh. el Girba					
Atbara		10.57	+0.48	10.57	+0.47
Kajnarti		132.72	+0.38	132.56	+0.20
Aswân Res.	12	119.12	—	119.13	—
Aswân D.S.		84.98	-0.80	84.90	-0.89
Roda (Cairo)		16.18	+0.59	16.22	+0.64

Discharges at Aswan measured by sluices m.³ per sec.	DATE	1946	1945
	12-3	868	752
	11-3	833	752

PRESENT WEATHER 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
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY

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

CLOUD AMOUNT (N)

Clear	0

WIND FORCE

Calm		
Gale	51-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11

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

CLOUD FORM

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

CAIRO — Time of Sunrise 06 h. 07 m. — Sunset 18 h. 01 m.

Month MARCH 1946 — شهر مارس ١٩٤٦

1417 F.S.

At 14h. on TUESDAY 12th (الساعة ١٤ يوم الثلاثاء 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 8-14h 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	3	8	11.0	16.2	69	0	00		28	4	0	2	8	11.5	15.2	70	0	131
	MARIUT	00	7	26	5	0	3	9	10	15	52	0	00	7	26	3	0	3	6	10	15	59	0	150
	ALEXANDRIA	01	8	28	6	5	4	8	10.4	17.2	55	dr.	01	6	28	4	2	3	8	10.6	15.2	60	0	132
	DAMIETTA	01	8	28	4	1	3	9	9.2	17.9	63	0	01	8	28	3	1	4	9	9.4	15.0	78	0	159
	PORT SAÏD	01	8	28	3	1	4	8,5	9.1	19.2	51	0	00	8	28	4	0	3	8	9.5	14.9	72	0	134
	EL ARÎSH	00	7	30	1	0	0	—		19.4	67	0	00	7	00	0	0	0	—		14.3	79	0	135
LOWER EGYPT	DAMANHÛR	02	7	28	4	2	5	8,5	9.8	18.8	58	0	01	6	32	3	1	3	8	10.0	13.0	60	0	136
	MANSÛRA	01	8	30	2	1	4	8	9.2	19.0	41	0	00	6	24	2	1	0	—	10.3	13.8	69	0	137
	TANTA	02	8	28	3	1	5	8	9.2	21.0	49	0	00	8	24	1	1	0	—	11.1	11.8	85	0	138
	ZAGAZIG	01	6	28	3	1	4	8	9.0	20.4	44	0	00	6	28	2	0	0	—	10.2	12.2	76	0	139
	SHEBÎN EL KÔM	01	8	30	4	1	4	8	9.2	21.8	36	0	00	8	30	2	0	0	—	10.8	13.0	78	0	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	31	4	1	4	8	9.2	19.9	31	0	00	7	32	1	0	0	—	10.6	15.1	59	0	141
	CAIRO EZBEKÎYA	01	8	30	2	1	5	8	9.6	20.9	35	0	00	6	30	3	0	0	—	10.7	15.3	70	0	—
	CAIRO GÎZA	01	6	28	3	1	4	8,5	9.5	20.2	42	0	00	7	02	2	0	0	—	10.7	13.6	69	0	—
	HELWÂN	01	9	28	3	1	4	8	9.2	19.0	29	0	00	7	30	3	0	0	—	10.3	15.1	56	0	143
	SUEZ	01	9	32	2	1	5	3	10.0	19.7	33	0	01	9	32	2	1	4	3	10.7	16.2	57	0	144
UPPER EGYPT	FAIYÛM	01	8	30	3	1	3	8	9.6	19.8	28	0	00	8	30	2	1	2	8	10.4	15.8	46	0	153
	MINYA	01	8	30	3	1	4	8	9.9	21.3	35	0	00	8	32	1	0	0	—	10.6	16.4	43	0	154
	ASYÛT	00	7	30	2	1	0	—	9.2	20.7	31	0	00	6	32	1	0	0	—	10.2	16.0	50	0	155
	NAG HAMÂDI	12	8	24	3	3	4	1	6.3	24.0	20	0	01	8	24	1		4	1	9.0	16.1	50	0	164
	QENA	01	8	22	3	1	4	3	4.8	26.2	20	0	00	6	26	4	1	0	—	7.1	19.3	34	0	156
	LUXOR	00	7	26	4	0	0	—	5.5	26.5	46	0	00	6	28	2	0	0	—	8.4	18.5	42	0	157
	ASWÂN												00	9	32	3	0	0	—	6.7	23.6	22	0	158
WESTERN DESERT	SÎWA	00	6	26	5	0	0	—	14.4	20.0	81	0	00	5	00	0	0	0	—	14.4	15.0	78	0	148
	BAHARÎYA	00	9	00	0	0	0	—	16.8	21.0	49	0	00		00	0	0	0	—	12.6	13.0	66	0	149
	KHÂRGA	00	9	32	3	3	0	—	9.6	23.4	21	0	00		32	3	0	0	—	10.8	18.6	33	0	151
	DÂKHLA	00	7	28	6	0	0	—	10.6	22.6	34	0	00	6	28	4	0	0	—	13.1	14.6	40	0	152
RED SEA	TÔR	01	6	28	5	0	3	5	—	21.1	37	0	00	7	28	6	0	0	—	7.0	23.3	47	0	145
	HURGHÂDA	00	9	02	6	0	0	—	6.5	24.0	67	0	00	9	30	5	0	0	—	—	20.0	72	0	146
	QUSEIR	03	8	32	4	2	8	5	4.7	23.4	56	0	00	8	32	4	1	0	—	5.6	19.8	68	0	147
	PORT SÛDÂN	00	7	10	5	0	0	—	1	29	70													208
NORTH SÛDÂN	WÂDI HALFA	32	2	32	5	3	9	—	4	29	15													165
	KAREIMA	01	8	30	4	1	4	1,2	0	38	06													166
	'ATBARA	01	8	22	2	1	4	1	99	40	10													167
	KHARTÛM	00	8	04	1	1	0	—	99	40	08													289
	KASSALA	00	8	30	2	0	0	—	97	39	12													170
CENTRAL SÛDÂN	WAD MEDANI	00	8	00	0	0	2	1	—	41	15													171
	RENK	00	9	32	3	0	0	—	1	42	14													182
	ROSEIRES	00	8	30	1	0	1	—	—	41	18													172
	EL OBEID	01	9	30	3	1	4	1	98	40	17													174
	EL FÂSHER	02	9	30	3	1	6	2	—	39	08													175
	GENEINA	01	8	02	3	1	4	2	—	39	13													179
	KADUGLI	01	8	04	2	1	4	1	99	42	10													187
S. SÛDÂN	MALAKÂL	01	8	24	1	1	3	8	98	41	19													176
	WÂU																							177
	JUBA	01	8	28	2	0	4	8	99	39	23													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 12th

MATRÛH	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h.	13 h.	h. m.	h. m.	h. m.	13 h.	h. m.	h. m.	h. m.	13 h. 15 m.	12 h. 45 m.	12 h. 45 m.	13 h. 00 m.	13 h. 30 m.
03 32 30	03 30 25				03 34 30				09 34 10	09 31 05	09 27 45	09 27 05	09 16 05
06 32 35	06 30 25				06 33 30				15 28 10	15 36 05	15 32 05	15 31 05	15 07 10
09 32 35	09 30 46				09 32 30				21 29 10	21 05 05	21 32 10	21 29 10	21 11 10
12 32 40	12 30 45				15 34 40				24 31 20	27 01 05	27 29 15	27 31 15	27 12 15
	15 30 40				21 36 35				30 25 20	33 33 05	33 25 20	36 30 15	33 10 15
					27 01 40				39 25 40	39 30 05	39 25 20	39 29 10	39 09 20
					30 02 45								

Times are ... standard time ... and are ... Greenwich mean time

Mean of day	Humidity % 12th	Diff. from normal	Wet bulb temp. °C 12th	Diff. from normal
Alexandria	57	-8	11.9	-1.0
Ezbekiya	66	+6	12.2	-0.3
Giza	70	+6	12.1	-0.4
Helwan	62	+15	10.7	-0.6

GÎZA — GRASS MINIMUM TEMP. ON 13th 4.3°C

CAIRO — WATER TEMP. RIVER NILE AT 8h ON 13th 18.0°C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	13-3	868	752
	12-3	868	752

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13th			12.54	-0.72
Nasser				4.99	-0.05
Malakâl		9.90	-0.32	9.92	-0.31
J. Aulia Res				376.58	
J. Aulia D.S				371.86	+0.81
Roseires		11.80	+0.38	11.85	+0.43
Sennar Res.				19.21	
Khartûm				10.72	+0.33
Kh. el Girba					
Atbara		10.56	+0.48	10.57	+0.48
Kajnarti		132.80	+0.49	132.72	+0.38
Aswân Res.		119.16	—	119.12	—
Aswân D.S		84.98	-0.79	84.98	-0.80
Roda (Cairo)		16.18	+0.58	16.18	+0.59

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

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.	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												—		—				90
	MATRÛH	01	9	24	3	0	4	8	12.4	—	13.0	17	-2	10	-1	72	0	83	148
	MARIUT	81	6	20	3	8	5	8	10	—	13	19	—	13	—	82	1	168	135
	ALEXANDRIA	62	8	28	3	6	8	9	11.5	-4.6	13.0	19	-2	12	-1	74	3	143	175
	DAMIETTA	20	7	20	2	5	5	9	10.4	-5.5	12.5	20	—	8	—	83	2	65	95
	PORT SAÏD	01	8	22	4	1	5	8	9.9	-5.3	14.0	21	0	14	+1	79	0	44	67
	EL ARÎSH	00	7	30	1	0	0	—	9.8	-6.7	15.4	20	-1	10	0	82	0	51	77
LOWER EGYPT	DAMANHÛR	02	6	28	4	2	5	8	10.7	-5.6	12.8	20	-3	9	-1	87	0	73	87
	MANSÛRA	01	8	04	1	1	3	0	11.5	-4.6	11.0	21	-2	7	-2	85	0	24	44
	TANTA	01	8	24	2	1	4	4	11.5	-5.3	12.8	22	-1	7	-1	86	0	47	34
	ZAGAZIG	00	6	20	2	0	1	8	11.4	-4.9	12.2	22	-2	8	0	82	0	6	23
	SHEBÎN EL KÔM	00	8	30	2	0	2	8	10.7	-5.7	12.2	23	—	8	—	82	0	14	—
MIDDLE EGYPT	CAIRO ALMAZA	05	6	22	3	1	3	8,4	11.9	-4.5	13.2	21	—	10	—	71	0	2	—
	CAIRO EZBEKÎYA	08	5	16	2	0	1	6	12.2	-4.2	12.3	22	-2	11	+1	77	0	2	20
	CAIRO GÎZA	00	7	14	2	0	1	8	12.7	-4.0	14.2	20	-4	7	-1	78	0	13	20
	HELWÂN	01	6	30	1	1	4	0	12.7	-3.7	11.0	20	-4	9	-2	76	0	2	22
	SUEZ	02	9	14	1	2	7	4	12.7	-3.3	15.7	22	-2	10	-2	64	0	—	13
UPPER EGYPT	FAIYÛM	01	7	30	2	1	4	8	13.1	-3.3	13.8	21	-4	9	0	69	0	8	7
	MINYA	00	9	26	1	1	2	4	12.8	-3.9	14.6	22	-3	8	-1	59	0	tr	—
	ASYÛT	00	6	22	1	0	0	—	13.5	-2.9	12.8	23	-3	7	-3	59	0	0	4
	NAG HAMÂDI	00	8	24	1	0	0	—	13.2	-2.7	14.5	24	—	8	—	51	0	1	—
	QENA	00	7	24	2	0	0	—	11.8	-3.3	15.0	28	-2	10	-1	51	0	13	—
	LUXOR	00	7	30	1	0	0	—	13.1	-2.5	18.0	28	-1	11	+1	44	0	0	—
	ASWÂN	00	9	28	2	0	0	—	12.4	-2.8	15.3	28	-2	11	-3	35	0	tr	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	14.6	-3.5	11.0	21	-4	5	-3	81	0	1	7
	BAHARÎYA	00	9	00	0	0	0	—	12.7	-4.3	12.5	23	-2	7	-2	71	0	0	7
	KHÂRGA	00	9	04	1	0	2	1	13.9	-2.1	13.6	23	-5	10	-1	39	0	1	—
	DÂKHLA	00	7	24	2	0	0	—	15.1	-1.5	12.8	23	-5	7	-3	58	0	0	—
RED SEA	TÔR	00	7	28	4	0	0	—	—	—	17.1	22	-2	11	-1	45	0	0	12
	HURGHÂDA	00	9	30	5	0	0	—	—	—	17.0	26	+1	14	+2	61	0	1	3
	QUSEIR	00	8	30	4	0	0	—	9.2	-5.2	19.0	24	-1	16	-1	54	0	11	4
	PORT SÛDÂN	18	5	32	5	1	5	6,4	6		25					74	0	17	94
NORTH SÛDÂN	WÂDI HALFA	00	8	32	3	0	1	2	13		16					32	0	tr	—
	KAREIMA	14	7	32	5	6	2	2	10		19					16	tr	7	1
	'ATBARA	18	4	32	5	0	0	—	7		22					13	0	2	2
	KHARTÛM	18	4	28	4	0	0	—	7		23					26	0	3	4
	KASSALA	01	7	30	2	1	4	—	3		27					28	0	31	8
CENTRAL SÛDÂN	WAD MEDANI	05	—	32	5	4	2	—	5		26					16	0	13	12
	RENK	00	9	30	3	0	0	—	—		27		—		—	28	—	—	49
	ROSEIRES	00	8	32	1	0	0	—	2		23					47	0	80	37
	EL OBEID	18	5	32	3	0	0	—	7		22					31	0	44	16
	EL FÂSHER	05	6	32	3	0	0	—	—	—	21					33	0	2	6
	GENEINA	05	6	02	4	0	5	2	—	—	22		—		—	17	—	—	4
	KADUGLI												—		—	—	—	—	91
S. SÛDÂN	MALAKÂL	00	8	02	3	0	2	4	4		29					35	0	170	90
	WÂU	00	7	00	0	0	0	—	4		27					45	0	113	156
	JUBA	01	8	14	1	0	5	4,5	3		28					58	0	143	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 13th (الرياح العليا يوم ١٣)

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. 30 m.	6 h. 45 m.	8 h. 45 m.	h. m.	h. m.	h. m.	7 h.	7 h. 15 m.	7 h.	7 h. 15 m.	h. m.
	03 24 15	03 27 30	02 18 10				02 35 20	09 36 55	09 33 30	09 35 65	
	06 24 15	06 29 25	05 28 15				05 34 25	15 31 35	15 33 50	15 33 40	
	09 26 15	09 29 30	08 28 20				10 01 45	21 31 35	21 30 35	21 32 40	
		15 30 35	10 29 25					27 31 70	27 28 40	24 31 35	
			15 30 35					33 28 75		30 28 45	
			20 29 55								
			25 30 55								
			28 31 70								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA
6 h. 30 m.	h. m.	h. m.	7 h.	7 h.
09 36 30			09 02 30	09 05 45
15 25 30			15 03 25	15 02 25
21 33 15			21 01 25	21 33 25
27 32 15			24 36 25	27 30 20
33 28 30				33 22 20

23h 12-13th

Height feet	mb		
Surface	1001.3	52	49
500	984	55	48
1000	966	53	49
1500	949	51	47
2000	932	48	45
4000	865	41	36
6000	803	34	28
8000	744	27	33
10000	689	23	19
12000	637	17	14
14000	589	11	9
16000	543	3	3

CYPRUS SYNOPTIC ... 13th

34880 25963 02183 07100 61303 97060

34700 01962 26262 07120 90305 05011

WIND ... Storm 91-104 ... WIND DIRECTION ... 08 = East 16 South, 24 = West 32 North, 00 = 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	13
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-39
Fog at ...	40-45
Mod. Fog ... hour	41
Thick ...	
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	1

CLOUD FORM (C)

Alto-stratus	
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO Time of Sunrise 06 h. 07 m. Sunset 18 h. 02 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month MARCH 1946 — شهر مارس ١٩٤٦

At 14h. on WEDNESDAY 13th (الساعة ١٤ يوم الأربعاء ١٣) and at 20h. on 13th (الساعة ٢٠ يوم الأربعاء 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	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	28	3	1	4	8	13.2	16.0	63	0	00	—	30	2	1	0	—	14.2	15.0	68	0	131
Mariut	25	7	28	3	9	5	9	12	17	60	13	00	7	28	2	0	0	—	14	14	55	0	150
Alexandria	65	8	28	4	6	5	9	11.9	17.2	57	22	01	6	28	2	2	3	8	14.4	14.6	61	0	132
Damietta	20	8	22	2	6	4	9	11.2	13.9	84	3	00	8	20	2	1	2	9	12.7	11.1	86	0	159
Port Sa'îd	62	7	24	3	6	8	9	11.2	12.0	99	1	00	8	26	3	6	0	—	13.2	13.1	75	tr.	134
El 'Arîsh	00	7	30	1	0	0	—	—	17.4	69	0	00	7	30	1	0	0	—	—	14.5	75	0	135
Lower Egypt																							
Damanhûr	02	5	28	3	6	8	7	12.0	17.4	86	3	00	5	28	3	6	0	—	13.9	11.8	95	1	136
Mansûra	80	7	28	2	8	5	9	12.4	16.2	65	2	00	6	32	1	5	0	—	14.0	11.6	80	1	137
Tanta	02	8	24	4	2	5	8	11.6	17.5	95	tr.	01	6	28	1	6	4	8	13.4	11.0	87	7	138
Zagazig	20	6	28	3	9	4	8	11.6	16.4	69	3	00	6	24	1	1	3	8	14.0	10.8	92	0	139
Shebîn el Kôm	01	8	22	4	5	4	8	11.8	18.3	52	tr.	00	8	22	2	5	0	—	12.3	12.2	84	5	—
Middle Egypt																							
Cairo Almaza	25	7	28	2	8	4	8,5	12.2	16.0	61	tr.	00	8	00	0	0	0	—	13.7	13.2	64	1	141
Cairo Ezbekîya	01	8	24	5	8	5	8	12.6	16.5	60	tr.	00	7	00	0	8	0	—	14.3	12.7	76	1	—
Cairo Gîza	28	7	26	3	9	6	9	12.7	16.1	69	2	00	5	02	2	5	0	—	14.6	10.1	91	1	—
Helwân	50	8	28	5	5	5	9	12.6	12.9	72	tr.	00	7	00	0	6	0	—	14.7	11.8	71	2	143
Suez	13	8	26	3	2	7	5	12.0	17.4	39	0	00	9	28	1	0	0	—	14.8	13.2	73	0	144
Upper Egypt																							
Faiyûm	02	8	28	4	3	5	6	11.9	19.0	33	0	00	8	32	1	5	0	—	14.7	14.1	60	tr.	153
Minya	02	8	32	3	2	5	8	11.8	22.3	26	0	00	9	32	2	1	0	—	14.0	15.6	48	0	154
Asyût	01	7	26	2	1	4	8	13.0	20.5	33	0	00	6	22	1	1	0	—	14.3	15.5	45	0	155
Nag Hamâdi	00	8	24	2	0	0	—	12.2	21.2	26	0	00	8	00	0	0	0	—	14.6	14.0	57	0	164
Qena	00	9	22	3	0	0	—	10.6	23.8	27	0	00	6	22	2	0	0	—	15.1	17.0	45	0	156
Luxor	00	7	30	4	0	0	—	12.0	23.0	52	0	00	6	28	3	0	0	—	14.0	18.4	50	0	157
Aswân	00	9	32	4	0	0	—	11.1	22.8	10	0	00	9	32	2	0	0	—	14.0	16.0	20	0	158
Western Desert																							
Sîwa	00	8	24	3	0	0	—	16.0	21.0	30	0	00	—	00	0	0	0	—	15.2	15.0	49	0	148
Baharîya	00	9	00	0	0	0	—	17.0	20.5	45	0	00	—	00	0	0	0	—	—	13.0	66	0	149
Khârga	00	9	30	2	0	2	1	14.3	22.0	20	0	00	—	32	2	0	0	—	14.3	19.5	20	0	151
Dâkhla	00	8	28	3	0	0	—	14.3	21.4	38	0	00	6	08	1	0	0	—	15.9	14.2	40	0	152
Red Sea																							
Tôr	00	7	28	6	0	0	—	11.2	20.5			00	7	26	4	0	0	—	12.7	17.2	44	0	145
Hurghâda	00	9	02	5	0	0	—	11.0	22.0	39	0	00	9	30	5	0	0	—	12.5	20.0	72	0	146
Quseir	00	8	32	4	0	0	—	8.7	22.0	50	0	00	8	32	3	0	0	—	10.3	18.2	56	0	147
Port Sûdân	00	5	02	5	0	0	—	5	27	13													208
North Sûdân																							
Wâdi Halfa	00	8	32	4	0	1	1	12	24	13													165
Kareima	18	6	02	5	0	0	—	8	28	06													166
'Atbara	18	5	32	5	3	0	—	5	29	06													167
Khartûm	18	5	30	5	3	0	—	4	32	10													169
Kassala	01	7	30	2	0	4		2	39	13													170
Central Sûdân																							
Wad Medani	05	7	32	5	4	0	—	1	36	06													171
Renk	00	9	30	3	0	0	—	2	27	28													182
Roseires	00	8	04	1	0	0	—	99	42	17													172
El Obeid	05	5	02	4	0	0	—	3	33	19													174
El Fâsher	05	5	04	3	1	7	2	—	32	26													175
Geneina	05	6	02	4	1	6	2	—	34	05													179
Kadugli	00	6	32	4	0	0	—	0	40	08													187
S. Sûdân																							
Malakâl	05	6	02	2	0	0	—	99	40	07													176
Wâu																							177
Juba																							178

At 8h. on THURSDAY 14th (الساعة ٨ يوم الخميس 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 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												—		—				90
Matrûh	00	9	18	1	0	0	—	17.5	+0.9	14.2	17	-3	8	-3	69	0	83	149
Mariut	01	7	21	2	0	3	6	17		15	17	—	10	—	65	13	181	135
Alexandria	01	8	24	2	2	4	8	17.8	+1.8	15.2	17	-4	8	-5	60	22	165	175
Damietta	01	7	18	2	1	3	8	16.6	+0.7	12.5	17	—	8	—	85	3	68	96
Port Sa'îd	01	7	22	3	1	3	5	16.8	+1.7	13.5	19	-2	11	-2	80	1	45	67
El 'Arîsh	00	7	30	1	0	0	—	17.8	+1.4	15.4	20	-1	9	-1	85	0	51	78
Lower Egypt																		
Damanhûr	01	6	28	3	1	4	8	17.6	+1.3	11.8	17	-6	7	-3	88	4	77	88
Mansûra	00	8	28	1	0	0	—	17.6	+1.6	12.0	19	-4	5	-4	79	3	27	44
Tanta	00	8	20	2	0	0	—	18.2	+1.4	11.0	18	-6	6	-2	87	7	54	34
Zagazig	00	6	20	3	0	0	—	18.4	+2.1	11.8	19	-5	6	-2	84	3	9	23
Shebîn el Kôm	00	8	22	2	0	0	—	17.4	+1.0	13.2	19	—	7	—	75	5	19	—
Middle Egypt																		
Cairo Almaza	05	6	20	2	0	0	—	18.0	+1.6	11.9	18	—	9	—	75	1	3	—
Cairo Ezbekîya	09	5	14	3	0	0	—	18.7	+2.3	11.0	20	-5	9	-1	76	1	3	20
Cairo Gîza	09	5	12	2	0	0	—	18.8	+2.1	12.3	19	-5	6	-2	83	2	15	20
Helwân	05	6	00	0	0	0	—	19.4	+3.0	10.9	18	-6	7	-4	72	2	4	22
Suez	00	9	00	0	0	0	—	19.0	+3.0	11.8	20	-4	7	-5	69	0	—	13
Upper Egypt																		
Faiyûm	00	7	02	1	0	0	—	19.2	+2.8	12.0	21	-4	6	-3	64	tr.	8	7
Minya	00	9	16	1	0	0	—	18.8	+2.2	15.5	23	-2	8	-2	57	0	tr.	—
Asyût	00	6	24	1	0	0	—	19.6	+3.2	13.8	22	-4	8	-2	56	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	19.1	+3.3	13.0	22	—	6	—	62	0	1	—
Qena	00	7	32	2	0	0	—	18.3	+3.3	14.7	25	-5	8	-3	52	0	13	—
Luxor	00	7	28	2	0	0	—	18.4	+2.9	15.0	24	-3	8	-2	49	0	0	—
Aswân	00	9	00	0	0	0	—	18.8	+3.7	16.8	24	-6	10	-5	33	0	tr.	
Western Desert																		
Sîwa	00	7	00	0	0	0	—	17.4	-0.6	11.0	23	-2	5	-3	52	0	1	7
Baharîya	00	9	00	0	0	0	—	19.5	+2.6	12.0	22	-3	7	-2	65	0	0	7
Khârga	00	9	00	0	0	0	—	19.4	+3.4	12.6	22	-6	7	-4	47	0	1	—
Dâkhla	00	7	08	1	0	0	—	19.9	+3.4	12.1	23	-5	6	-4	58	0	0	—
Red Sea																		
Tôr	00	7	28	4	0	0	—	17.8	+3.0	18.5	22	-2	10	-2	46	0	0	12
Hurghâda	00	9	30	2	0	0	—	17.6	+2.8	17.5	—	—	14?	+2	48	0	1	3
Quseir	00	8	26	3	0	0	—	16.0	+1.6	18.0	23	-2	14	-3	49	0	11	4
Port Sûdân	18	6	30	4	0	1	6	15		23					74	0	17	94
North Sûdân																		
Wâdi Halfa	00	8	00	0	0	3	2	19		16					39	0	tr.	—
Kareima	01	8	00	0	0	4	2	16		17					22	0	7	1
'Atbara	01	8	28	4	1	5	2	13		18					24	0	2	2
Khartûm	05	6	32	5	1	4	2	13		19					16	0	3	4
Kassala	05	7	00	0	0	5	2	10		22					44	0	31	8
Central Sûdân																		
Wad Medani	01	8	32	5	2	4	1	12		21					11	0	13	12
Renk	00	9	32	4	0	0	—	8		24		—		—	30	—	—	49
Roseires	00	8	04	1	0	0	—	—		23					20	0	80	37
El Obeid	00	7	32	5	0	0	—	13		20					35	0	44	16
El Fâsher	05	6	04	2	1	7	2	—	—	17					37	0	2	6
Geneina	02	7	02	4	1	8	2	—	—	19		—		—	12	—	—	4
Kadugli	00	6	04	4	0	0	—	10		23					10	—	—	91
S. Sûdân																		
Malakâl	05	5	03	5	0	0	—	8		26					12	0	170	90
Wâu	00	8	16	4	0	1	4	2		31					33	0	113	157
Juba	22	7	30	3	6	7	9	10		26					84	tr.	193	174

Upper Winds are in the Code HHDDVV where HH is Height 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	Mariut	Port Sa'îd	Almâza	Minya 13h. 15m.	Luxor	Hurghâda	Wâdi Halfa 13h. 15m.	Kareima	Khartûm	Kassala	El Obeid	Malakal 13h.	Juba
				03 32 25			09 35 15					09 02 20	
				06 31 50			15 31 30					15 02 20	
				09 30 15			21 30 40					21 02 30	
				15 25 15			27 28 40					27 02 30	
				21 31 50			30 27 45					33 03 25	
				24 31 40								39 04 25	
				27 31 55									
				30 30 60									

Upper Winds on 14th (الرياح العليا يوم ١٤)

Matrûh	Mariut 7h.	Port Sa'îd	Helwân 9h.	Minya 7h.	Asyût	Luxor	Aswân 7h.	Wâdi Halfa 7h. 15m.	Abu Hamad 7h. 15m.	Kareima 7h. 30m.	Khartûm 7h.
	03 27 25		02 18 15	03 30 05			02 35 05	04 02 35	09 36 55	09 03 40	04 02 50
	06 28 25		05 24 15	06 28 10			05 01 25	15 02 50	15 02 40	15 03 40	15 35 35
	09 29 20		08 27 15	09 28 30			10 36 25	21 36 40	21 36 40	21 03 30	21 31 30
	12 31 25		10 29 20	12 32 40			15 35 40	27 35 50	27 32 15	24 01 20	
			15 30 35	15 32 45			20 33 40	33 29 45	33 32 05	27 01 15	
			20 33 —	18 32 45			25 34 50	34 28 45	39 32 20	30 01 20	
							30 33 65			39 30 25	
							35 20 70				

Kassala 7h.	Port Sûdân 7h.	El Obeid 7h.	El Fâsher 7h.	Geneina 7h.	Malakâl 6h.
09 04 30	09 02 35	09 01 35	04 06 15	04 05 40	09 03 50
15 05 20	15 01 20	15 03 40	15 06 25	15 07 20	15 05 25
21 05 35	21 29 25	21 07 20	18 03 35	21 21 15	
27 01 20	30 26 45	24 07 20		27 27 30	
33 35 20				33 26 30	
39 02 15				39 30 30	

Upper Air Temp. Almâza at 23h. on 13th

Height Feet	PPP	TT	
Surface	1006	50	47
500	989	52	48
1000	970	51	47
1500	952	50	46
2000	935	46	45
4000	869	40	35
6000	806	34	29
8000	747	28	24
10000	692	20	18
12000	640	15	14
14000	591	8	7
16000	545	1	1

Means of day

	Humidity % on 13th	Diff. from normal	Temp. °C on 13th	Diff. from normal
Alexandria	62	-3	11.4	-1.5
Ezbekîya	73	+13	11.2	-1.4
Gîza	80	+16	11.6	-1.0
Helwân	68	+21	9.6	-1.7

GÎZA — GRASS MINIMUM TEMP. on 14th 3.9°c

CAIRO — WATER TEMP. RIVER NILE AT 9h. on 14th 17.3°c

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	14th	868	752
	13th	868	752

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14th			12.54	-0.72
Nâsser				4.99	-0.05
Malakâl		9.88	-0.33	9.90	-0.32
J. Aulia Res.					
J. Aulia D.S.					
Roseires		11.79	+0.37	11.80	+0.38
Sennar Res.				19.10	—
Khartûm				10.66	+0.48
Kh. el Girba					
'Atbara		10.56	+0.49	10.56	+0.48
Kajnarti		132.80	+0.49	132.80	+0.49
Aswân Res.		119.18	—	119.16	—
Aswân D.S.		84.98	-0.79	84.98	-0.77
Roda (Cairo)		16.15	+0.55	16.18	+0.58

CYPRUS SYNOPTIC 9h. ON 14th

34700 00990 00001 13120 7530x 92xxx
348x0 01x62 26214 1x110 70xxx 97421

PRESENT WEATHER 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

WIND FORCE

Calm		
Almost calm		
Very light		
Light		
Moderate		
Fresh	27-35	5
Strong		
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 00-32 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

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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

CAIRO Time of Sunrise 06 h. 06 m. Sunset 18 h. 03 m.

Month MARCH 1946 — شهر مارس 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	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	—	15.2	19.3	56	0	00		10	3	0	0	—	14.7	15.2	87	0	131
MARIUT	00	8	30	3	1	1	8	17	18	60	0	00	8	07	2	0	0	—	16	12	88	0	150
ALEXANDRIA	00	9	28	2	0	0	—	17.1	17.8	61	0	00	5	08	2	0	0	—	16.6	13.7	78	0	132
DAMIETTA	00	8	28	4	1	2	8	16.8	—	—	0	00	8	06	3	0	0	—	17.0	13.0	81	0	159
PORT SA'ÎD	00	8	26	4	0	2	4	17.0	18.8	51	0	00	8	30	3	0	0	—	17.4	13.9	67	0	134
EL 'ARÎSH	00	7	30	1	0	0	—	17.9	17.4	69	0	00	7	16	1	0	0	—	17.9	14.3	72	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	32	3	1	3	8	17.9	19.0	52	0	00	6	32	3	1	0	—	16.6	14.3	78	0	136
MANSÛRA	01	8	28	1	1	4	8	16.4	19.2	51	0	00	6	04	1	1	0	—	17.4	14.0	78	0	137
TANTA	02	8	24	2	1	4	8	17.2	20.0	55	0	00	8	24	1	1	0	—	17.2	11.7	85	0	138
ZAGAZIG	01	6	28	3	1	4	8	17.2	19.9	53	0	00	6	02	2	0	0	—	17.2	15.8	70	0	139
SHEBÎN EL KÔM	00	8	22	4	1	2	8	16.4	21.6	41	0	00	8	22	2	0	0	—	17.1	16.1	59	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	28	2	0	1	8	16.9	21.0	34	0	00	7	07	2	0	0	—	[illegible]	17.7	47	0	141
CAIRO EZBEKÎYA	00	8	24	2	0	1	8	17.2	21.6	36	0	00	7	30	2	0	0	—	17.0	17.6	60	0	—
CAIRO GÎZA	00	7	22	2	0	1	8	17.4	22.6	38	0	00	6	04	2	0	0	—	16.7	17.7	53	0	—
HELWÂN	00	8	00	0	0	0	—	17.2	19.2	40	0	00	7	04	3	0	0	—	17.1	16.7	42	0	143
SUEZ	00	9	10	1	0	0	—	17.6	20.4	39	0	00	9	26	1	0	0	—	1.3	15.8	51	0	144
UPPER EGYPT																							
FAIYÛM	00	8	22	2	0	0	—	17.5	22.3	34	0	00	8	00	0	0	0	—	16.4	17.1	50	0	153
MINYA	00	9	28	2	0	0	—	16.7	22.7	35	0	00	9	32	1	0	0	—	16.0	18.9	36	0	154
ASYÛT	00	7	30	1	0	0	—	17.1	22.0	25	0	00	6	26	1	0	0	—	17.8	16.5	60	0	155
NAG' HAMÂDI	00	8	32	1	0	0	—	16.3	24.2	25	0	00	8	00	0	0	0	—	17.6	15.0	63	0	164
QENA	00	9	22	3	0	0	—	15.5	25.6	22	0	00	6	26	2	0	0	—	17.2	19.3	35	0	156
LUXOR	00	7	30	5	0	0	—	16.6	25.0	47	0	00	6	28	1	0	0	—	17.6	17.3	55	0	157
ASWÂN	00	9	32	3	0	0	—	15.6	24.0	12	0	00	9	32	1	0	0	—	17.1	20.8	20	0	158
WESTERN DESERT																							
SÎWA	00	7	22	3	0	0	—	14.4	25.5	21	0	00		00	0	0	0	—	14.4	17.5	35	0	148
BAHARÎYA	00	9	00	0	0	0	—	16.9	20.5	52	0												149
KHÂRGA	00	9	04	1	0	0	—	17.2	24.3	18	0	00		02	1	0	0	—	17.5	20.1	16	0	151
DAKHLA	00	9	28	1	0	0	—	16.0	25.0	34	0	00	6	32	1	0	0	—	17.9	16.8	36	0	152
RED SEA																							
TÔR	00	7	28	6	0	0	—	16.4	20.5	43	0	00	7	28	4	0	0	—	17.2	19.3	39	0	145
HURGHÂDA	00	9	02	5	0	0	—	16.2	22.1	64	0	00	9	28	4	0	0	—	15.8	20.0	72	0	146
QUSEIR	00	8	02	2	0	0	—	16.0	22.0	54	0	00	8	32	2	0	0	—	15.6	19.3	54	0	147
PORT SÛDÂN	02	7	32	5	0	5	1,6	13	26	45	0												308
NORTH SÛDÂN																							
WÂDI HALFA	01	8	02	4	1	5	2	15	24	13													165
KAREIMA	00	8	04	5	0	3	1,2	13	27	08													166
'ATBARA	01	7	02	5	1	4	1	10	29	08													167
KHARTÛM	06	7	02	4	1	3	1	8	31	08													209
KASSALA	02	8	02	3	1	7	2	3	36	18													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	32	4	1	7	2	6	34	23													171
RENK	00	9	30	3	0	0	—	—	35	18													182
ROSEIRES	00	8	04	1	0	0	—	6	37	10													172
EL OBEID	00	7	32	5	0	3	1,2	7	31	19													174
EL FÂSHER	02	8	02	4	1	6	2	—	28	22													175
GENEINA	02	7	02	2	1	8	2	—	31	08													179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	00	8	02	3	0	0	—	5	36	07													176
WÂU																							177
JUBA	02	8	22	3	1	5	8,4	6	32	50													178

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.	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												—		—				90
MATRÛH	01	9	18	3	0	4	8	12.3	−4.3	19.6	20	0	10	−1	24	0	83	149
MARIUT	00	8	12	3	0	1	1	16		13	19	—	10	—	67	0	181	126
ALEXANDRIA	00	8	12	2	0	0	—	15.6	−0.4	13.6	19	−2	10	−3	64	0	165	175
DAMIETTA	00	8	12	3	1	3	1	17.2	+1.4	15.8	18	—	9	—	76	0	68	96
PORT SA'ÎD	00	8	10	2	0	3	1	17.2	+2.1	15.7	20	−1	11	−2	67	0	45	67
EL 'ARÎSH	00	7	30	1	0	0	—	19.0	+2.6	14.4	20	−1	10	0	81	0	51	78
LOWER EGYPT																		
DAMANHÛR	00	6	32	4	0	0	—	16.8	+0.5	13.3	20	−3	8	−2	87	0	77	88
MANSÛRA	01	8	12	1	1	3	0	15.9	−0.1	14.0	21	−2	8	−1	69	0	27	45
TANTA	00	8	16	2	0	0	—	17.0	+0.2	13.1	21	−3	8	−1	86	0	54	74
ZAGAZIG	00	6	08	3	0	0	—	17.6	+1.3	14.4	22	−2	9	0	67	0	9	23
SHEBÎN EL KÔM	00	8	18	2	0	0	—	17.2	+0.8	12.6	23	—	8	—	67	0	19	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	8	20	2	0	0	—	16.1	−0.3	17.8	23	—	12	—	32	0	2	—
CAIRO EZBEKÎYA	05	5	20	3	0	0	—	17.0	+0.6	13.6	23	−2	10	0	65	0	3	20
CAIRO GÎZA	00	7	14	2	0	0	—	17.4	+0.8	15.1	24	0	8	0	54	0	15	20
HELWÂN	05	6	00	0	0	0	—	17.8	+1.5	13.9	21	−3	11	0	48	0	4	22
SUEZ	00	9	14	1	0	0	—	18.4	+2.4	19.0	23	−1	10	−2	47	0	—	13
UPPER EGYPT																		
FAIYÛM	00	8	18	2	0	0	—	18.0	+1.6	14.5	23	−2	—	—	46	0	8	7
MINYA	00	9	16	3	0	0	—	17.6	+1.0	15.9	23	−3	12	+2	45	0	dr.	—
ASYÛT	00	7	12	1	0	0	—	18.8	+2.5	15.5	24	−3	9	−1	59	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	19.1	+3.4	17.0	25	—	7	—	46	0	1	—
QENA	00	7	26	2	0	0	—	19.6	+4.6	17.0	27	−3	6	−5	43	0	13	—
LUXOR	00	7	28	1	0	0	—	19.8	+4.4	16.2	26	−4	8	−2	49	0	0	—
ASWÂN	00	9	02	1	0	0	—	19.2	+4.2	15.4	25	−5	11	−4	36	0	dr.	
WESTERN DESERT																		
SÎWA	00	6	12	7	0	0	—	13.1	−4.9	19.0	29	+4	11	+3	31	0	1	7
BAHARÎYA	00	9	00	0	0	0	—	19.5	+2.7	12.0	22	−3	8	−1	76	0	0	7
KHÂRGA	00	9	30	1	0	0	—	19.0	+3.1	14.4	25	−4	9	−2	39	0	1	—
DÂKHLA	00	7	32	2	0	0	—	19.8	+3.4	14.2	27	−1	10	0	45	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	18.1	+3.4	20.1	21	−3	9	−3	41	0	0	12
HURGHÂDA	00	9	28	2	0	0	—	—	—	16.4	24	−1	11	−2	58	0	1	3
QUSEIR	00	8	26	2	0	0	—	17.9	+3.6	20.0	23	−2	15	−2	40	0	11	4
PORT SÛDÂN	00	8	30	3	0	2	6,1	16		22					53	0	17	94
NORTH SÛDÂN																		
WÂDI HALFA	00	8	04	2	0	1	1	18		16					39	0	tr.	—
KAREIMA	00	8	08	1	0	2	1	16		17					22	0	7	1
'ATBARA	01	8	32	2	1	4	1	15		19					32	0	2	2
KHARTÛM	01	8	30	3	2	5	2	14		19					—	0	3	4
KASSALA	01	8	08	1	0	4	1,2	11		23					47	0	31	8
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	32	4	1	8	1	10		22					20	0	13	12
RENK	00	9	30	3	0	0	—	10		23		—		—	38	—	—	49
ROSEIRES	00	8	30	1	0	0	—	12		23					27	0	[illegible]	37
EL OBEID																0	44	16
EL FÂSHER	02	8	02	2	1	6	2	—	—	16					34	0	2	6
GENEINA	02	7	02	3	1	8	2	—	—	19		=		=	12	—	—	4
KADUGLI	01	7	12	2	1	4	1	11		23		=		=	15	—	—	91
S. SÛDÂN																		
MALAKÂL	00	8	32	5	0	0	—	11		26					09	0	170	90
WÂU	00	7	00	0	0	0	—	12		23					41	0	113	158
JUBA	80	8	00	0	8	8	4,5	13		26					70	tr.	193	175

PRESENT WEATHER 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 … Alto-cumulus … Alto-stratus … Strato-cumulus … Nimbo stratus … Cumulus … Cumulo nimbus … Stratus …

UPPER WINDS ON 14th

Upper Winds are in the Code HHDDVV where HH is Height above 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. 15 m.	h. m.	h. m.	13 h. m.	h. m.	h. m.	13 h. 15 m.	h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. 15 m.
	03 28 30			03 30 05			09 02 30		09 01 20	09 02 25	09 01 50	09 02 20	09 27 20
	06 23 15			06 30 05			15 02 40		15 24 20	15 36 15	15 01 45	15 02 35	15 31 10
	09 25 15			09 34 15			21 25 35		21 26 30	21 01 25	✓	18 02 35	21 23 05
	15 29 35			15 32 40			27 30 30		24 26 30	27 02 20			27 18 05
				18 32 55			33 29 55		30 27 40	33 31 25			
							39 29 —		39 21 45	39 29 20			39 30 15

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
7 h. m.	7 h. m.	6 h. 30 m.	h. m.	h. m.	h. m.	h. m.	h. m.	6 h. 45 m.	7 h. 15 m.	7 h. 15 m.	7 h.
03 20 55	03 23 65	03 18 20						09 04 40	09 05 30	09 06 40	09 04 40
06 21 50	06 20 35	06 21 20						15 04 05	15 05 30	15 36 05	15 02 10
09 20 45	09 24 30	09 20 10						21 22 20	21 35 30	21 34 25	21 02 20
12 21 40	12 22 35	12 20 15						27 33 40	27 36 15	24 36 35	24 03 25
	15 28 35	15 24 40						33 31 55	33 35 30	30 36 35	27 05 30
	18 27 40	18 26 40						39 31 65	39 31 40	39 34 35	30 04 20
		21 28 65									

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	7 h.	8 h. 45 m.	7 h.	7 h.	7 h.
09 02 15	09 02 40	09 03 45	09 02 15	09 07 20	09 02 45
15 36 05	15 03 20	15 03 25	15 07 35	15 16 10	15 03 55
21 36 05	21 12 20	21 36 15	21 07 10	21 27 10	21 06 30
27 22 05		27 25 20	27 02 15	24 07 15	27 10 25
33 30 15		33 31 40	30 01 15		
39 30 30					

UPPER AIR TEMP. ALMÂZA at 4h. on 15th

Height Feet	PPP	TT	
Surface	1006	54	47
500	989	58	47
1000	970	61	47
[illegible]	952	60	46
[illegible]	935	57	46
4000	869	52	38
6000	806	43	32
8000	747	32	26
10000	692	29	24
12000	640	23	21
14000	591	15	14
16000	545	7	65

WIND FORCE (F)

Calm … Almost calm … Very light … Light … Moderate … Fresh … Strong … Very strong … Gale … Strong gale 66-77 … Whole gale 78-90 … Storm 91-104 … Hurricane over 104 …

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

CYPRUS SYNOPTIC ON 15th

34702	01990	26314	17100	46308	00040
34813	02863	22127	17100	60207	00060

REMARKS

Hours are ... standard time ... and are ... hours fast ... Greenwich mean time.

MEAN OF DAY

Station	Humidity % (14th)	Diff. from normal	Wet Bulb °C (14th)	Diff. from normal
Alexandria	66	+1	12.3	−0.7
Ezbekiya	63	+3	12.1	−0.6
Giza	64	+1	12.7	0.0
Helwan	51	+5	10.6	−0.8

GIZA GRASS MINIMUM TEMP. on 15th 6.2°

CAIRO WATER TEMP. RIVER NILE at 9h on 15th 17.8°

GAUGE

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.55	−0.71	12.53	−0.73
Nasser		4.96	−0.07	4.96	−0.07
Malakâl		9.88	−0.32	9.88	−0.33
J. Aulia Res.	15th			276.18	
J. Aulia D.S				371.89	+0.85
Roseires		11.76	+0.35	11.79	+0.37
Sennar Res		18.89		19.00	
Khartûm		10.66	+0.52	10.51	+0.34
Kh. el Girba					
Atbara		10.56	+0.49	10.56	+0.49
Kajnarti		132.86	+0.57	132.80	+0.49
Aswân Res.		119.22		119.18	
Aswân D.S		84.97	−0.80	84.98	−0.79
Roda (Cairo)		16.11	+0.51	16.15	+0.55

Discharges at Aswân measured by sluices m³ per sec.

Date	1946	1945
15-3	868	752
14-3	868	752

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ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise 06 h. 05 m.
Sunset 18 h. 04 m.

Month MARCH 1946 شهر مارس ١٩٤٦

At 14h. on FRIDAY 15th الساعة ١٤ يوم ١٥ — At 20h. on الساعة ٢٠ يوم الجمعة ١٥

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	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 14-20h mms	Station Number
Mediterranean	SALUM																							130
	MATRÛH	30	1	18	6	3	9	—	7.2	27.9	15	0	00	—	30	3	3	0	—	7.1	17.4	78	0	131
	MARIUT	00	7	19	3	0	1	1	13	28	12	0	00	7	12	3	0	3	4,1	10	19	37	0	150
	ALEXANDRIA	01	9	24	1	2	3	4	12.0	28.6	27	0	00	6	00	0	0	0	—	9.6	21.2	33	0	132
	DAMIETTA	00	8	10	3	1	0	—	14.4	21.9	60	0	01	8	10	4	1	4	1	11.6	17.2	73	0	159
	PORT SA'ÎD	00	7	06	3	0	0	—	15.1	19.4	65	0	00	7	06	3	0	1	6	12.6	17.3	67	0	134
	EL 'ARÎSH	00	7	20	1	0	0	—	17.4	17.4	73	0												135
Lower Egypt	DAMANHÛR	00	6	28	3	0	0	—	13.9	26.2	25	0	00	6	28	3	0	0	—	11.8	17.8	63	0	136
	MANSÛRA	00	8	18	2	1	0	—	14.3	26.0	24	0	00	6	08	2	0	0	—	13.2	16.5	69	0	137
	ṬANṬA	00	8	24	2	0	0	—	14.0	27.4	44	0	00	8	20	1	0	0	—	11.8	17.1	62	0	138
	ZAGAZIG	00	6	16	3	0	0	—	14.8	—	28	0	00	6	08	2	0	0	—	11.9	19.4	39	0	139
	SHEBÎN EL KÔM	00	8	22	4	0	0	—	15.6	28.2	20	0	00	8	22	2	0	0	—	—	19.0	46	0	—
Middle Egypt	CAIRO ALMAZA	00	8	22	3	0	0	—	13.6	27.0	15	0	00	7	16	2	0	0	—	11.6	21.6	23	0	141
	CAIRO EZBEKÎYA	00	8	22	3	0	0	—	14.2	27.0	21	0	00	7	14	1	0	0	—	11.4	21.0	38	0	—
	CAIRO GÎZA	00	8	18	2	0	0	—	14.2	27.5	24	0	00	6	10	2	0	0	—	11.6	20.6	43	0	—
	ḤELWÂN	00	8	18	4	0	0	—	14.2	25.2	18	0	00	7	12	3	0	0	—	11.9	22.0	21	0	143
	SUEZ	00	9	14	1	0	0	—	16.0	23.2	39	0	00	9	14	1	0	0	—	13.2	18.8	62	0	144
Upper Egypt	FAIYÛM	00	8	18	2	0	0	—	14.3	27.0	17	0	00	6	18	1	0	0	—	12.2	20.3	33	0	153
	MINYA	00	9	20	3	0	0	—	13.8	26.7	20	0	00	6	16	2	0	0	—	12.4	20.9	30	0	154
	ASYÛT	00	7	12	1	0	0	—	14.8	26.0	21	0	00	6	12	1	0	0	—	13.8	17.5	70	0	155
	NAG' ḤAMÂDI	00	8	24	1	0	0	—	15.2	27.4	25	0	00	8	00	0	0	0	—	13.8	16.8	52	0	184
	QENA	00	9	16	1	0	0	—	15.5	27.0	25	0	00	6	24	1	0	0	—	14.6	18.0	48	0	156
	LUXOR	00	7	30	2	0	0	—	16.0	28.0	12	0	00	6	28	1	0	0	—	14.3	20.2	52	0	157
	ASWÂN	00	9	32	1	0	0	—	14.2	27.6	11	0	00	9	00	0	0	0	—	13.5	23.2	17	0	158
Western Desert	SÎWA	16	5	22	7	3	0	—	9.6	30.0	25	0	00	—	24	3	0	0	—	8.8	21.5	50	0	148
	BAHARÎYA																							149
	KHÂRGA	00	9	12	1	0	0	—	15.6	27.8	16	0	00	—	00	0	0	0	—	14.3	21.2	28	0	151
	DÂKHLA	00	8	04	3	0	0	—	16.3	25.4	32	0	00	6	32	1	0	0	—	16.8	18.4	28	0	152
Red Sea	ṬÔR	00	7	16	3	0	0	—	16.4	20.5	43	0	00	7	16	3	0	0	—	15.4	19.2	55	0	145
	HURGHÂDA	00	9	12	3	0	0	—	18.2	23.6	37	0												146
	QUSEIR	00	8	32	2	0	0	—	18.2	22.6	41	0	00	8	32	2	0	0	—	17.9	19.0	41	0	147
	PORT SÛDÂN	00	7	04	4	6	0	—	13	26	55													208
North Sûdân	WÂDI ḤALFA	00	8	32	2	0	0	—	14	27	13	—												165
	KAREIMA	00	8	04	3	0	0	—	12	29	08	—												166
	'AṬBARA	00	8	32	3	1	0	—	9	31	11	—												167
	KHARTÛM	01	8	30	4	2	4	1	9	32	12	—												209
	KASSALA	01	8	28	3	1	5	2	5	34	20	—												170
Central Sûdân	WAD MEDANI	02	8	28	4	1	8	1	6	34	09	—												171
	RENK	00	9	30	3	0	0	—	5	35	19	—												182
	ROSEIRES	00	8	04	1	0	0	—	—	37	18	—												172
	EL OBEID	01	8	28	3	1	4	2	8	33	10	—												174
	EL FÂSHER	02	8	04	1	1	8	2	5	31	24	—												175
	GENEINA																							179
	KADUGLI	01	7	28	3	1	4	1	6	37	07	—												187
S. Sûdân	MALAKÂL	00	8	24	2	0	0	—	6	36	10	—												176
	WÂU	00	8	20	1	6	0	—	6	34	09	—												177
	JUBA	02	8	00	0	5	6	4,4	8	30	49	—												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 15th

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

[illegible] ... standard time, long. 30° E and are ... Greenwich mean time

Station	Mean of day Humidity % on 15th	Diff from normal	Wet Bulb Temp. °C on 15th	Diff from normal
Alexandria	45	-20	13.1	+0.1
Ezbekiya	47	-13	13.0	+0.2
Giza	44	-19	10.3	-2.5
Helwân	28	-15	11.4	0.0

GIZA — GRASS MINIMUM TEMP. ON 16th 10.3 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 16th 17.5 °C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	10th	868	752
	15th	868	752

Gauge	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1946	m.	m.	m.	m.
Jûba				12.55	-0.71
Nâsser		4.95	-0.06	4.96	-0.07
Malakâl		9.87	-0.32	9.88	-0.32
J. Aulia Res.					
J. Aulia D.S	16th				
Roseires		11.74	+0.38	11.76	+0.35
Sennar Res.		18.80	—	18.89	—
Khartûm		10.70	+0.53	10.66	+0.50
Kh. el Girba					
'Atbara		10.54	+0.48	10.56	+0.49
Kajnarti		132.86	+0.59	132.86	+0.57
Aswân Res.		119.25	—	119.22	—
Aswân D.S		84.96	-0.80	84.97	-0.80
Roda (Cairo)		16.09	+0.50	16.11	+0.51

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

At 8h. on SATURDAY 16th الساعة ٨ يوم السبت ١٦

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												—		—				91
	MATRÛH	00	9	26	4	0	0	—	9.4	-7.2	15.4	29	+9	6	-5	61	0	83	150
	MARIUṬ	05	6	21	3	0	0	—	9		16	29	—	15	—	59	0	181	135
	ALEXANDRIA	03	8	20	3	2	8	5	10.0	-5.9	16.0	27	+8	12	-1	66	0	165	176
	DAMIETTA	02	6	20	2	2	6	5	9.4	-6.4	14.8	23	—	12	—	70	0	68	96
	PORT SA'ÎD	00	6	18	4	0	0	—	9.2	-5.8	16.4	21	0	16?	+3	54	0	45	68
	EL 'ARÎSH																	51	79
Lower Egypt	DAMANHÛR	00	6	28	4	0	0	—	9.9	-6.3	16.0	28	+5	13	+3	69	0	77	89
	MANṢÛRA	00	8	16	1	0	0	—	10.4	-5.6	15.0	27	+4	11	+1	60	0	27	45
	ṬANṬA	00	8	16	1	0	0	—	10.8	-5.9	15.1	26	+4	11	+2	69	0	54	34
	ZAGAZIG	00	6	12	1	0	0	—	11.2	-5.0	15.8	27	+3	13	+4	49	0	9	23
	SHEBÎN EL KÔM	00	8	22	2	0	0	—	—	—	14.0	29	—	13	—	71	0	19	—
Middle Egypt	CAIRO ALMAZA	00	7	20	4	0	0	—	11.3	-5.0	18.8	29	—	17	—	27	0	3	—
	CAIRO EZBEKÎYA	05	6	20	2	0	0	—	11.4	-4.9	17.4	28	+3	16	+5	34	0	3	21
	CAIRO GÎZA	09	6	14	2	0	0	—	11.6	-4.8	16.9	29	+5	14	+6	47	0	15	20
	ḤELWÂN	05	5	16	1	0	0	—	12.2	-4.1	15.9	26	+2	14	+3	38	0	4	22
	SUEZ	00	9	18	2	0	0	—	12.4	-3.6	20.1	25	+1	16	+4	60	0	—	14
Upper Egypt	FAIYÛM	00	8	18	2	0	0	—	12.0	-4.4	16.0	26	+3	13	+3	31	0	8	7
	MINYA	02	8	16	2	2	5	2	11.9	-4.7	16.8	27	+1	12	+2	39	0	dr.	—
	ASYÛṬ	00	6	20	2	0	0	—	13.1	-3.1	17.1	28	+1	12	+2	48	0	0	4
	NAG' ḤAMÂDI	00	8	00	0	0	0	—	13.8	-1.8	17.7	29	—	9	—	45	0	1	—
	QENA	00	7	08	2	0	0	—	14.2?	-0.7	18.6	30	-1	8	-4	37	0	13	—
	LUXOR												—		—			0	—
	ASWÂN	00	9	00	0	0	0	—	13.9	-1.0	17.0	28	-3	13	-2	34	0	dr.	—
Western Desert	SÎWA	00	7	24	3	0	0	—	13.6	-4.1	15.0	31	+6	11	+3	58	0	1	7
	BAHARÎYA	00	9	00	0	0	0	—	16.7	-0.1	12.5	28	+3	8	-1	71	0	0	7
	KHÂRGA	01	9	20	1	1	5	4	13.9	-1.9	16.9	28	-1	12	+1	31	0	1	—
	DÂKHLA	00	7	02	1	0	0	—	15.9	-0.5	16.9	28	0	14	+4	35	0	0	—
Red Sea	ṬÔR	00	7	04	3	0	0	—	14.0	-0.6	22.2	22	-2	15	+2	66	0	0	12
	HURGHÂDA																	1	3
	QUSEIR	00	8	28	1	0	0	—	13.2	-1.0	19.2	25	0	15	-2	39	0	11	4
	PORT SÛDÂN	00	8	30	3	0	1	6	13		28					35	tr.	17	94
North Sûdân	WÂDI ḤALFA	00	8	00	0	0	0	—	15		17					28	0	tr.	—
	KAREIMA	00	8	06	2	0	0	—	13		19					26	0	7	1
	'AṬBARA	00	8	02	1	0	2	1	13		18					24	0	2	2
	KHARTÛM	00	8	02	4	0	1	1	12		23					10	0	3	4
	KASSALA	00	8	00	0	0	2	1	10		22					38	0	31	8
Central Sûdân	WAD MEDANI	00	9	06	4	0	0	—	11		23					20	0	13	12
	RENK	00	9	04	3	0	0	—	8		25		—		—	24	—	—	49
	ROSEIRES	00	8	28	1	0	0	—	—		22					31	0	80	38
	EL OBEID	00	9	02	3	0	0	—	12		20					24	0	44	16
	EL FÂSHER	01	8	00	0	1	3	1	—	—	17					37	0	2	6
	GENEINA	00	8	04	2	0	3	1	—	—	19		—		—	12	—	—	4
	KADUGLI	00	8	05	3	0	0	—	10		26		—		—	11	—	—	91
S. Sûdân	MALAKÂL	00	8	32	3	0	0	—	9		27					15	0	170	90
	WÂU																tr.	113	159
	JUBA	02	8	14	2	1	6	4,5	10		24					69	tr.	193	176

Upper Winds are in the Code HHDDVV where HH is Height 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'ÎD	HELWÂN	MINYA	ASYÛṬ	LUXOR	ASWÂN	WÂDI ḤALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	7 h. 30 m.	6 h. 45 m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	7 h. 30 m.	h. m.	7 h. 15 m.	7 h. m.
03 26 55	03 26 40	03 22 65		03 20 35				09 31 05		09 03 20	09 04 40
06 27 55	06 26 40	06 24 50		06 20 35				15 04 05		15 02 35	15 01 45
	12 25 55	09 25 55		09 22 60				21 03 10		21 02 40	21 35 25
				15 23 55				27 31 25		24 36 50	24 35 20
								33 31 55		30 35 50	30 31 10
											39 34 30

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	7 h. m.	6 h. 45 m.	7 h. m.	7 h. m.	7 h. m.
09 13 10	09 02 10	09 04 50	09 02 20	09 07 30	09 03 60
15 02 45	15 03 10	15 03 30	15 07 30	15 06 15	15 03 35
21 04 35	21 04 20	21 07 25	21 05 15	21 34 10	21 02 10
27 02 30	27 06 30	27 07 15	27 03 20	27 18 05	27 04 05
33 03 45	33 07 35	33 03 15	33 06 20	33 06 10	33 31 05
39 02 35	39 11 35	39 03 50	39 07 15	39 04 15	39 27 10
51 35 45			51 05 15	51 07 15	51 06 15
				63 03 15	63 03 25

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON

HEIGHT FEET	PPP m.b.	TT °C	UU %
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 16th
34700 03870 06528 09140 97507 00090
34852 03945 12426 1111c 8x703 00070

WIND FORCE (F)

Calm	[illegible]	0
Almost calm	[illegible]	1
Very light	[illegible]	2
Light	[illegible]	[illegible]
Moderate	19-26	[illegible]
Fresh	27-35	5
Strong	36-44	[illegible]
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	76-90	0
Storm	91-104	11
Hurricane	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	[illegible]
Mainly overcast	[illegible]
Sandstorm, Duststorm	3
Fog, thick dust haze	[illegible]
Drizzle	[illegible]
Rain	6
Snow, sleet	[illegible]
Showers	[illegible]
Thunderstorm	[illegible]

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ..	[illegible]
500 ..	[illegible]
Kilometre	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
10	[illegible]
20	[illegible]
50	[illegible]
Visible over 50 kms.	[illegible]

CLOUD AMOUNT (N)

Clear	0
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
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

DAILY WEATHER REPORT

CAIRO Time of Sunrise 06 h. 04 m. Sunset 18 h. 04 m.

Month March 1946 — شهر مارس ١٩٤٦

At 14h. on 16 March (الساعة ١٤ يوم ١٦) — At 20h. on 16th (الساعة ٢٠ يوم ١٦ مارس)

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	05	3	24	4	3	8	—	7.6	27.4	19	0	00	—	24	1	3	0	—	10.7	14.8	81	0	131
MARIUT	18	6	23	4	0	0	—	9	21	33	0	18	6	26	1	1	3	4,5	10	17	52	0	150
ALEXANDRIA	00	8	24	2	0	0	—	9.2	19.0	59	0	12	5	00	0	2	6	5	10.6	17.0	64	0	132
DAMIETTA	02	7	20	3	2	6	5	9.1	22.8	41	0	05	5	24	1	3	0	—	9.9	15.2	89	0	159
PORT SA'ÎD	14	5	24	5	3	0	—	9.1	23.8	29	0	00	6	02	2	0	0	—	10.4	15.7	80	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	00	8	24	4	0	0	—	9.9	23.6	16	0	01	7	32	3	1	3	8	9.4	14.3	73	0	136
MANSÛRA	00	8	20	4	0	0	—	9.5	24.4	26	0	00	6	32	1	0	0	—	10.4	17.8	50	0	137
TANTA	00	8	20	5	0	0	—	9.2	23.5	33	0	00	8	20	2	0	0	—	10.6	15.5	68	0	138
ZAGAZIG	00	6	28	3	0	0	—	10.6	25.1	29	0	00	6	20	2	0	0	—	10.4	17.6	44	0	139
SHEBÎN EL KÔM	00	8	22	6	0	0	—	9.3	26.0	24	0	00	7	22	3	0	0	—	10.3	17.6	34	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	18	5	26	5	0	0	—	9.1	26.0	26	0	05	5	26	3	4	0	—	10	21	33	0	141
CAIRO EZBEKÎYA	18	6	20	4	3	0	—	9.8	26.8	21	0	00	7	22	2	0	0	—	11.2	20.0	33	0	—
CAIRO GÎZA	18	5	22	3	0	0	—	9.6	26.8	31	0	00	6	22	2	0	0	—	11.2	16.8	49	0	—
HELWÂN	05	6	20	4	0	0	—	9.6	26.2	13	0	05	5	24	2	0	0	—	11.2	19.2	25	0	143
SUEZ	00	9	14	2	0	0	—	10.2	24.8	34	0	00	9	26	1	0	0	—	11.2	22.9	30	0	144
UPPER EGYPT																							
FAIYÛM	05	7	26	4	3	0	—	10.2	26.0	18	0	00	8	26	1	0	0	—	11.5	18.8	36	0	153
MINYA	02	8	20	1	2	5	2	11.2	28.2	22	0	00	8	30	1	1	0	—	11.1	19.4	35	0	154
ASYÛT	00	7	28	2	0	0	—	12.3	23.0	41	0	00	6	12	2	0	0	—	11.9	19.1	46	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	10.0	30.8	20	0	00	8	00	0	0	0	—	11.2	19.8	47	0	164
QENA	00	9	26	2	0	0	—	10.4	30.3	21	0	00	6	24	1	0	0	—	10.6	20.6	46	0	156
LUXOR	00	7	14	2	0	0	—	11.2	32.0	54	0	00	6	32	1	0	0	—	11.2	20.3	58	0	157
ASWÂN												00	9	00	0	0	0	—	10.4	22.0	40	0	158
WESTERN DESERT																							
SÎWA	00	7	24	5	0	0	—	13.5	22.0	58	0	00	—	24	2	0	0	—	12.6	18.5	67	0	148
BAHARÎYA	00	9	32	1	0	0	—	10.2	21.0	40	0	00	—	08	1	0	0	—	—	17.0	34	0	149
KHÂRGA	03	9	24	2	2	8	5	12.3	33.2	10	0	01	—	02	2	1	3	3	11.4	24.7	17	0	151
DAKHLA	00	9	28	2	0	0	—	12.2	30.8	16	0	00	6	28	2	0	0	—	13.9	18.2	29	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	11.8	25.2	46	0	00	7	04	3	0	0	—	11.8	19.2	73	0	145
HURGHÂDA	00	9	12	3	0	0	—	13.0	23.6	44	0	00	9	12	2	0	0	—	12.3	21.8	41	0	146
QUSEIR	00	8	30	2	0	0	—	12.3	23.4	43	0	00	8	14	4	0	0	—	9.9	21.5	66	0	147
PORT SÛDÂN	00	8	06	3	0	3	1	10	25	70	0												169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	1	0	0	—	10	30	09	0												165
KAREIMA	00	8	02	3	0	0	—	8	33	09	0												166
'ATBARA	01	8	02	2	1	3	1	—	34	10	0												167
KHARTÛM	01	8	02	4	1	3	2	5	36	08	0												169
KASSALA	00	8	30	2	0	1	1	3	37	11	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	02	7	32	2	2	5	1	4	37	07	0												171
RENK	00	9	28	3	0	0	—	2	37	13	0												182
ROSEIRES	00	8	04	1	0	0	—	5	37	10	0												172
EL OBEID	00	9	06	3	0	2	1	5	34	39	0												174
EL FÂSHER	00	9	12	2	1	3	1	—	34	18	0												175
GENEINA	00	8	04	2	0	1	1	—	37	08	0												179
KADUGLI	01	7	04	3	1	4	1	5	37	11	0												187
S. SÛDÂN																							
MALAKÂL																							176
WÂU	00	9	32	1	0	0	—	4	37	07	0												177
JUBA	01	8	02	2	1	3	1	5	37	20	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 16th

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13 h. 15 m.	h. m.	h. m.	12 h. 05 m.	h. m.	h. m.	13 h. 15 m.	13 h. 05 m.	13 h. m.	13 h. m.	12 h. 05 m.	15 h. m.	13 h. 15 m.
	03 26 40			03 02 15			09 25 10	09 04 20	09 03 10	09 03 20	09 06 20	09 01 20	09 24 10
				06 07 05			15 28 05	15 03 30	15 36 20	15 01 20	15 04 10	15 36 20	15 27 05
				09 12 05			21 30 15	21 03 30	21 32 15	21 36 30	21 36 05	21 35 20	21 32 10
				15 30 20			27 27 25	24 36 30	24 31 10	27 31 15	27 03 05	27 35 20	27 31 05
				21 28 05			33 29 00	30 30 05	27 32 10	33 26 15	30 05 05	33 36 25	33 03 05
				30 25 —				39 31 05	30 30 15	39 34 10		39 09 10	39 08 35
									39 31 15				

Times are ... standard time ... are ... hours ... Greenwich mean time

Station	Humidity % on 16th	Diff from normal	Wet bulb °C on 16th	Diff from normal
Alexandria	62	-3	13.6	+0.5
Ezbekiya	29	-31	12.5	-0.4
Giza	44	-19	13.2	+0.3
Helwân	26	-20	11.0	-0.5

GIZA — GRASS MINIMUM TEMP on 17th 9.7° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. on 17th 17.9° C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
17-3	868	752
16-3	868	752

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	17-3				
Nâsser	17-3	4.94	-0.08	4.95	-0.08
Malakâl	17-3	9.86	-0.32	9.87	-0.32
J. Aulia Res.	17-3				
J. Aulia D.S	17-3				
Roseires	17-3	11.80	+0.01	11.78	+0.38
Sennar Res.	17-3	18.71	—	18.80	—
Khartûm	17-3	10.72	+0.64	10.70	+0.53
Kh. el Girba	17-3				
Atbara	17-3	10.54	+0.49	10.54	+0.48
Kajnarti	17-3	132.91	+0.65	132.86	+0.59
Aswân Res.	17-3	119.28	—	119.25	—
Aswân D.S	17-3	84.96	-0.79	84.96	-0.80
Roda (Cairo)	17-3	16.06	+0.48	16.09	+0.50

At 8h. on Sunday 17th (الساعة ٨ يوم الأحد ١٧)

Station	ww	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	Rain Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				91
MATRÛH	00	9	24	3	0	0	—	11.2	-5.3	14.0	27	+7	10	-1	69	0	23	150
MARIUT	02	7	23	3	1	5	0	11	—	16	21	—	15	—	68	0	181	135
ALEXANDRIA	01	9	24	3	2	4	8	11.6	-4.3	16.0	21	0	14	+1	74	0	165	176
DAMIETTA	02	7	20	2	2	7	6	10.4	-5.4	15.3	23	—	11	—	84	0	68	97
PORT SA'ÎD	14	7	18	5	3	5	6	10.4	-4.6	15.8	24	+3	14	+1	67	0	45	68
EL 'ARÎSH	·																51	79
LOWER EGYPT																		
DAMANHÛR	02	6	24	4	2	5	4	11.2	-5.0	15.6	24	+1	13	+3	83	0	77	89
MANSÛRA	02	7	04	2	2	5	6	11.1	-4.9	15.4	26	+3	11	+1	77	0	27	45
TANTA	03	7	20	3	2	8	6	11.8	-4.8	15.0	25	+1	11	+2	78	0	54	34
ZAGAZIG	02	6	12	3	2	8	7	11.8	-4.4	13.2	26	+2	11	+2	71	0	9	23
SHEBÎN EL KÔM	01	8	22	2	0	5	8	11.4	-4.8	15.2	27	—	12	—	66	0	19	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	20	3	1	4	4,5	12.1	-4.2	17.1	27	—	14	—	53	0	3	—
CAIRO EZBEKÎYA	05	6	14	3	1	5	6	12.4	-3.9	16.1	27	+2	14	+3	46	0	3	21
CAIRO GÎZA	09	5	14	2	1	5	8	12.6	-3.9	16.3	28	+4	12	+4	16	0	15	20
HELWÂN	05	6	14	2	1	5	4	12.8	-3.4	15.1	27	+3	12	+1	40	0	4	22
SUEZ	00	9	26	1	0	0	—	13.0	-3.0	20.8	26	+2	15	+3	40	0	—	14
UPPER EGYPT																		
FAIYÛM	01	7	32	2	1	3	6	—	—	16.0	27	+2	11	+1	45	0	8	7
MINYA	00	8	16	1	0	0	—	14.3	-2.2	18.2	29	+3	10	0	43	0	tr	—
ASYÛT	00	7	28	1	0	0	—	14.7	-1.4	16.5	27	0	11	+1	42	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	14.4	-1.1	16.8	32	—	10	—	48	0	1	—
QENA	00	7	08	2	0	0	—	14.2	-0.6	18.6	32	+1	13	+1	37	0	13	—
LUXOR	00	7	28	1	0	0	—	14.3	1.0	20.0	—	—	12	+2	61	0	0	—
ASWÂN	00	9	32	4	0	0	—	12.7	-2.1	19.8	33	+2	15	0	19	0	tr	
WESTERN DESERT																		
SÎWA	00	7	24	3	0	0	—	15.1	-2.7	13.5	23	-2	11	+3	89	0	1	7
BAHARÎYA	00	9	00	0	0	0	—	—	—	12.0	23	-2	—	—	76	0	0	7
KHÂRGA	00	9	08	1	0	0	—	15.0	-0.7	16.2	34	+5	12	+1	36	0	1	—
DÂKHLA	00	7	24	2	0	0	—	14.8	-1.5	16.6	31	+3	12	+2	45	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	12.0	-2.6	19.1	25	+1	12	0	45	0	0	12
HURGHÂDA	00	9	30	4	0	0	—	—	—	21.2	25	0	15	+2	50	0	1	3
QUSEIR	00	8	30	2	0	0	—	11.0	-3.2	22.0	24	-1	17	0	42	0	11	4
PORT SÛDÂN	00	8	00	0	0	0	—	12		23					69	0	17	94
NORTH SÛDÂN																		
WÂDI HALFA	00	8	30	1	0	0	—	12		19					26	0	tr	—
KAREIMA	00	8	02	1	0	0	—	11		22					21	0	7	1
'ATBARA	00	8	32	1	0	3	1	10		22					19	0	2	2
KHARTÛM	00	8	32	3	0	0	—	9		24					21	0	3	4
KASSALA	01	8	32	1	1	3	2	7		28					29	0	31	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	06	3	0	3	1	9		24					74	0	13	12
RENK	00	9	04	3	0	0	—	6		26		—		—	27	—	—	49
ROSEIRES	00	8	30	1	0	0	—	10		23					36	0	80	38
EL OBEID	00	8	04	3	0	0	—	9		25					09	0	44	16
EL FÂSHER	00	9	00	0	0	0	—	—	—	18					34	0	2	6
GENEINA	00	8	04	1	0	0	—	—	—	19		—		—	23	—	—	4
KADUGLI	02	8	28	2	1	5	1	9		26		—		—	11	—	—	92
S. SÛDÂN																		
MALAKÂL	00	8	32	2	0	1	4	8		27					14	0	170	91
WÂU	00	8	20	3	0	0	—	7		27					58	0	113	160
JUBA	01	8	00	0	1	4	4	9		28					52	0	193	177

Upper Winds are in the Code HHDDVV where HH is Height 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 SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	7 h. 15 m.	9 h. m.	10 h. m.	h. m.	h. m.	h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	7 h. m.
	03 27 55	03 27 20	02 17 15	03 26 10				09 13 15	09 06 20	09 06 20	09 04 50
	06 27 55	06 27 40	05 24 10	06 30 40				15 13 05	15 02 10	15 07 10	16 04 35
	09 28 55	09 27 40	08 29 30	09 30 30				21 25 25	21 01 —	21 31 10	21 02 30
		15 26 45	10 27 35	15 31 30				24 26 25	27 28 10	27 33 10	
		21 25 40	15 26 45	21 29 20					33 29 15	30 31 25	
			20 25 35						39 29 35	39 31 40	

~~CYPRUS~~	PORT SÛDÂN	~~KASSALA~~	EL FÂSHER	GENEINA	MALAKÂL
7 h. m.	7 h. 15 m.	6 h. 30 m.	9 h. m.	h. m.	7 h. m.
09 01 15	09 01 10	09 03 05	09 06 10		09 23 40
15 03 20	15 06 15	15 03 15	27 09 10		15 03 45
21 03 40	21 05 20	27 25 30	33 06 15		21 03 45
27 05 40	27 03 20				33 01 45
33 06 40	33 35 30				
	39 32 40				

UPPER AIR TEMP. ALMÂZA At 23h. G.M.T. on 16-17th

Height feet	m.b.	T	
Surface	1002	62	57
500	984	64	50
1000	966	62	49
1500	949	60	48
2000	932	56	46
4000	865	47	40
6000	803	38	30
8000	744	32	26
10000	689	20	25
12000	637	23	22
14000	589	16	14
15000	543	8	8

CYPRUS SYNOPTIC 8h. ON 17th

34790 22868 22368 07141 20300 03H1

34880 10856 30287 06140 92502 93100

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; Trace; ... tenth; ...

WIND

Calm		
Almost calm		
Very light		
Light		
Moderate		
Fresh		
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, 18 = 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 — 1417 F.C.

DAILY WEATHER REPORT

Month MARCH 1946 — شهر مارس ١٩٤٦

CAIRO — Time of Sunrise 06 h. 02 m. — Sunset 18 h. 05 m.

At 14h. and at 20h. on SUNDAY 17th — الأحد ١٧

Station	14h ww	V	DD	F	W	N	C	PPP (1000+ mbs.)	TTT °C	UU %	Rain 8-14 mms	20h ww	V	DD	F	W	N	C	PPP (1000+ mbs.)	TTT °C	UU %	Rain 14-20 mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	01	9	30	3	0	4	8	11.0	17.5	74	0	00	–	00	0	1	0	–	13.4	13.4	75	0	131
Mariut	00	7	25	4	0	1	8	11	20	49	0	00	7	26	2	0	1	6	13	15	68	0	150
Alexandria	01	9	28	5	2	3	8	11.0	18.6	59	0	00	6	30	4	0	0	–	12.7	16.0	64	0	132
Damietta	20	8	28	3	8	5	9	10.3	17.6	83	dr	00	8	26	3	1	0	–	11.2	15.2	87	0	159
Port Saʻîd	01	7	26	4	1	4	8	10.0	22.0	40	0	00	7	26	4	1	3	4	11.4	16.1	72	0	134
El ʻArîsh												00	7	00	0	0	0	–	–	15.5	81	0	135
Lower Egypt																							
Damanhûr	01	7	32	4	1	3	8	10.2	21.0	51	0	00	6	32	3	0	0	–	12.0	13.3	82	0	136
Mansûra	01	8	28	2	1	4	8	10.4	21.8	39	0	00	6	02	2	1	0	–	12.4	15.0	70	0	137
Tanta	01	8	24	5	1	4	8	10.3	22.5	44	0	00	8	24	2	1	0	–	12.6	12.2	87	0	138
Zagazig	01	6	20	3	1	4	8	9.2	23.1	39	0	00	6	16	1	0	0	–	11.6	16.1	70	0	139
Shebîn el Kôm	01	7	22	5	1	4	8	9.8	24.2	32	0	00	8	22	2	1	2	8	11.9	14.6	72	0	—
Middle Egypt																							
Cairo Almaza	01	7	28	4	1	4	8	10.3	23.2	25	0	00	7	29	2	0	0	–	11.9	18.0	36	0	141
Cairo Ezbekîya	02	8	22	3	1	5	8	10.7	23.8	32	0	00	7	30	2	0	0	–	13.2?	19.4	54	0	—
Cairo Gîza	02	7	20	4	3	5	8	10.7	25.3	41	0	00	6	26	3	0	0	–	12.6	15.8	56	0	—
Helwân	01	8	22	4	1	5	8	10.3	22.8	26	0	00	7	26	2	0	0	–	12.0	18.2	33	0	143
Suez	01	9	14	1	1	4	5	11.4	24.2	35	0	02	9	30	1	2	6	4,5	12.4	21.2	32	0	144
Upper Egypt																							
Faiyûm	01	8	30	2	1	4	8	11.2	24.8	28	0	00	8	00	0	0	0	–	12.4	18.0	41	0	153
Minya	00	9	28	2	0	0	–	11.8	26.2	26	0	00	8	32	2	1	0	–	13.4	17.6	35	0	154
Asyût	00	7	28		0	0	–	12.3	23.5	29	0	00	6	20	1	0	0	–	14.4	16.9	44	0	155
Nag Hamâdi	00	8	24	1	0	0	–	12.2	24.8	23	0	00	8	00	0	0	0	–	14.7	17.0	52	0	164
Qena	00	9	22	3	0	0	–	10.6	28.2	26	0	00	6	22	2	0	0	–	12.6	18.4	50	0	156
Luxor	00	7	26	3	0	0	–	11.9	28.0	70	0	00	6	28	1	0	0	–	12.6	21.0	49	0	157
Aswân	00	9	32	3	0	0	–	9.8	29.0	09	0	00	9	32	3	0	0	–	12.6	24.0	12	0	158
Western Desert																							
Sîwa	00	8	24	4	0	0	–	15.2	21.5	59	0	00		00	0	0	0	–	14.2	16.5	59	0	148
Bahariya	00	9	00	0	0	0	–	–	20.5	45	0	00		00	0	0	0	–	–	13.0	66	0	149
Khârga	00	9	32	1	0	0	–	13.8	26.3	14	0	00		30	2	0	0	–	13.9	19.8	25	0	151
Dakhla	00	8	30	3	0	0	–	13.2	24.0	39	0	00	6	28	1	0	0	–	15.2	17.6	39	0	152
Red Sea																							
Tôr	00	7	04	4	0	0	–	11.8	23.7	66	0	00	7	28	3	0	0	–	11.8	20.2	55	0	145
Hurghâda	00	9	32	4	0	0	–	11.8	24.2	31	0	00	9	28	2	0	0	–	12.1	23.1	32	0	146
Quseir	00	8	02	2	0	0	–	11.2	25.4	50	0	00	8	32	2	0	0	–	11.1	22.4	50	0	147
Port Sûdân	00	8	08	4	0	0	–	9	27	58	–												208
North Sûdân																							
Wâdi Halfa	00	8	02	3	0	0	–	9	32	10	–												165
Kareima	00	8	06	1	0	0	–	6	36	09	–												166
ʻAtbara	00	8	04	2	0	0	–	4	37	13	–												167
Khartûm	01	8	06	4	1	4	1	4	37	07	–												169
Kassala	01	8	32	3	1	4	2	1	38	06	–												170
Central Sûdân																							
Wad Medani	00	8	06	4	0	0	–	–	39	38	–												171
Renk																							182
Roseires	00	8	28	1	0	0	–	2	40	08	–												172
El Obeid	02	8	08	4	1	7	2	4	36	09	–												174
El Fâsher	01	9	32	1	0	3	1	–	36	27	–												175
Geneina	00	8	00	0	0	0	–	–	37	10	–												179
Kadugli	02	8	04	3	1	6	1	–	38	07	–												187
S. Sûdân																							
Malakâl	01	8	02	2	0	3	4	3	38	33	–												176
Wâu																							177
Juba	02	7	10	1	1	6	8,4	4	36	31	–												178

At 8h. on MONDAY 18th — الساعة ٨ يوم الاثنين ١٨

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 mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Salûm												—		—				91
Matrûh	00	9	20	2	0	3	8	14.7	-1.8	13.0	18	-2	10	-1	85	0	83	150
Mariut	00	7	19	3	0	1	6	14	.	14	20	—	11	—	77	0	181	135
Alexandria	00	9	20	3	0	0	–	14.7	-1.1	15.2	20	-1	11	-2	56	0	165	176
Damietta	00	8	20	3	0	0	–	14.3	-1.4	14.0	20	—	9	—	82	dr.	68	97
Port Saʻîd	00	7	22	4	0	3	1	14.4	-0.5	15.8	23	+2	13	-1	64	0	45	68
El ʻArîsh	02	7	30	1	1	6	4	—	—	17.4	20	-1	10	0	79	0	51	80
Lower Egypt																		
Damanhûr	00	6	28	4	0	0	–	14.7	-1.4	13.3	22	-1	9	-1	81	0	77	89
Mansûra	00	8	28	1	0	0	–	15.1	-0.8	14.4	23	0	8	-2	72	0	27	45
Tanta	00	8	24	2	0	0	–	15.4	-1.1	14.0	23	-1	8	-1	78	0	54	34
Zagazig	00	6	22	2	0	0	–	15.6	-0.5	14.1	24	0	10	+1	73	0	9	23
Shebîn el Kôm	00	8	22	2	0	0	–	14.2	-1.9	14.6	27	—	9	—	64	0	19	—
Middle Egypt																		
Cairo Almaza	05	6	20	3	0	0	–	14.9	-1.3	14.2	24	—	11	—	56	0	3	—
Cairo Ezbekîya	05	5	18	2	0	0	–	16.0	-0.2	15.0	25	0	11	0	61	0	3	21
Cairo Gîza	00	6	12	2	0	0	–	15.9	-0.6	15.1	25	+1	12	+4	82	0	15	20
Helwân	05	6	08	2	0	0	–	15.9	-0.3	13.0	24	0	9	-2	63	0	4	22
Suez	00	9	14	1	0	0	–	15.9	-0.1	19.3	25	+1	12	0	43	0	—	14
Upper Egypt																		
Faiyûm	00	8	18	2	0	0	–	16.4	+0.1	15.0	25	-1	9	-1	58	0	8	7
Minya	00	9	16	2	0	0	–	17.5	+1.1	16.0	27	+1	9	-1	44	0	dr.	—
Asyût	00	7	22	1	0	0	–	18.0	+2.0	15.5	26	-1	10	0	47	0	0	4
Nag Hamâdi	00	8	00	0	0	0	–	17.0	+1.6	16.5	25	—	8	—	50	0	1	—
Qena	00	7	24	2	0	0	–	16.0	+1.2	17.2	30	-1	11	-1	50	0	13	—
Luxor	00	7	28	2	0	0	–	16.3	+1.1	20.0	29	-1	9	-2	32	0	0	—
Aswân	00	9	32	2	0	0	–	15.2	+0.4	18.0	29	-2	14	-1	34	0	dr.	
Western Desert																		
Sîwa	00	7	00	0	0	0	–	16.6	-1.1	12.5	23	-2	6	-2	76	0	1	7
Baharîya	00	9	00	0	0	0	–	18.0	+1.3	12.0	22	-4	8	-1	76	0	0	7
Khârga	00	9	04	1	0	0	–	16.9	+1.2	14.1	27	-2	9	-3	47	0	1	—
Dâkhla	00	8	28	1	0	0	–	17.5	+1.3	15.5	26	-3	8	-2	50	0	0	—
Red Sea																		
Tôr	00	7	28	4	0	0	–	15.4	+0.9	20.2	25	+1	16	+3	71	0	0	12
Hurghâda	00	9	28	5	0	0	–	15.5	+1.0	19.4	25	0	13	0	53	0	1	3
Quseir	00	8	26	2	0	0	–	13.5	-0.6	21.2	27	+2	16	-1	26	0	11	4
Port Sûdân	01	8	00	0	0	3	6	12		25					74	0	17	95
North Sûdân																		
Wâdi Halfa	00	8	02	2	0	2	1	14		18					34	0	tr.	—
Kareima	00	8	06	2	0	0	–	11		24					13	0	7	1
ʻAtbara	00	8	04	2	0	2	1	10		24					22	0	2	2
Khartûm	00	8	02	3	0	0	–	8		27					15	0	3	4
Kassala	00	8	20	1	0	0	–	8		24					38	0	31	8
Central Sûdân																		
Wad Medani																0	13	12
Renk	00	9	20	3	0	0	–	6		28		—		—	25	—	—	49
Roseires	00	8	32	1	0	0	–	8?		24					34	0	80	38
El Obeid	00	9	32	3	0	0	–	8		27					13	0	44	16
El Fâsher	00	9	02	2	1	0	–	—	—	23					41	0	2	6
Geneina	00	8	12	4	0	0	–	—	—	22		—		—	19	—	—	4
Kadugli												—		—		—	—	92
S. Sûdân																		
Malakâl	05	7	20	1	0	3	1	8?		29					33	0	170	91
Wâu	01	7	00	0	0	4	1	7		26					40	0	113	161
Juba	01	8	12	2	2	5	4	8		28					52	0	188	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	Mariut	Port Saʻîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
12h. 15m.	13h. 30m.	12h. 30m.	h. m.	12h. 45m.	13h. m.	h. m.	13h. 15m.	13h. 45m.	13h. m.	12h. 45m.	13h. m.	13h. 15m.	13h. 30m.
03 31 35	03 28 65	03 26 35		03 25 15	03 30 10		09 01 15	09 09 10	09 05 15	09 04 10	09 26 30	09 36 10	09 24 05
06 28 15	06 27 75	06 26 45		06 30 15	06 31 10		15 23 10	15 34 05	15 05 35	15 02 05	15 04 10	15 01 05	15 31 05
09 28 30	09 26 50	09 25 45		09 29 20	09 29 20		21 23 20	21 30 10	21 03 20	21 01 05	21 05 30	21 36 10	21 03 05
12 26 40	12 25 45	12 25 35		12 29 25	15 26 45		27 27 45	24 31 15	—	27 01 05	27 01 20	27 03 10	27 02 20
	15 25 40			15 28 35	21 25 55		33 27 55	30 31 35	—	33 02 10	33 02 10	33 04 15	33 03 20
	18 25 55				27 24 70		39 27 60	39 27 45	—	39 34 05	39 04 05	39 04 15	39 05 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 Saʻîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7h. m.	7h. m.	h. m.	8h. 45m.	h. m.	h. m.	h. m.	7h. m.	7h. 15m.	7h. 15m.	7h. m.	7h. m.
03 23 30	03 26 30		02 16 20				02 02 30	09 26 25	09 01 30	09 03 15	09 04 55
06 24 30	06 27 45		05 21 30				05 01 40	21 24 25	15 04 30	15 07 15	15 03 15
09 26 35	09 26 45		08 24 30				10 01 25	27 27 40	21 36 10	21 05 10	21 01 10
12 36 40			10 25 25				15 36 30	33 29 45	27 27 20	24 02 20	24 01 20
			15 28 30				20 27 20		33 29 20	27 02 40	30 35 45
			20 31 55				25 26 25		39 27 25	30 02 46	39 29 30
			23 31 65								

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7h. m.	7h. m.	h. m.	h. m.	h. m.	7h. 30m.
09 05 20	09 02 15		09 07 20		09 18 55
15 04 25	0		15 08 55		15 21 15
21 03 30			21 11 35		21 29 05
27 02 30			24 10 35		
33 02 35					
39 01 50					

Upper Air Temp. Almâza at 23h. G.M.T. on 17th

Height feet	P.P.P. mb.	T.T.	t.t.
Surface	1004.5	55	51
500	986	56	51
1000	968	56	49
1500	951	56	47
2000	934	54	45
4000	867	47	39
6000	804	37	32
8000	746	30	27
10000	690	26	21
12000	639	23	18
14000	590	17	14
16000	544	8	6

Cyprus Synoptic 8h. on 18th

34740 02056 22665 04159 40305 02711
34980 01964 20214 08141 ?305 00121

Remarks

Hours are Egyptian standard time, i.e. two hours fast on Greenwich mean time.

Station	Mean of day: Humidity % 17th	Diff. from normal	Wet bulb temp. °C on 17th	Diff. from normal
Alexandria	66	+1	13.4	+0.2
Ezbekiya	45	-15	13.2	+0.2
Giza	53	-10	10.3	-2.6
Helwan	30	-16	11.0	-0.6

GIZA — Grass minimum temp. on 18th 5.4°C

CAIRO — Water temp. River Nile at 9h. on 18th 18.0°C

Discharges at Aswan measured by sluices m³ per sec. — Date	1946	1945
18-3	668	752
17-3	668	752

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18th				
Nâsser				4.94	-0.08
Malakâl		9.84	-0.33	9.86	-0.32
J. Aulia Res.					
J. Aulia D.S					
Roseires		11.80	+0.42	11.30	+0.41
Sennar Res.				18.71	
Khartûm				10.72	+0.54
Kh. el Girba					
ʻAtbara		10.54	+0.50	10.54	+0.49
Kajnarti				132.71	+0.65
Aswân Res.		119.28		119.28	
Aswân D.S		84.96	-0.78	84.96	-0.79
Roda (Cairo)		15.97	+0.40	16.06	+0.48

Present Weather (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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CAIRO Time of Sunrise h. m. 06 01 Sunset h. m. 18 06

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month March 1946 — ١٩٤٦ شهر [illegible] مارس

At 14h. on Monday 18th (الساعة ١٤ يوم ١٨) — At 20h. on (الساعة ٢٠ يوم الاثنين 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	28	3	0	1	8	14.6	17.1	55	0	00	—	30	3	0	0	—	16.3	15.2	70	0	131
Mariut	00	7	25	4	0	0	—	14	20	41	0	00	7	19	2	0	2	4	15	15	62	0	150
Alexandria	00	9	26	4	0	0	—	14.2	19.2	53	0	01	6	32	1	4	4	4	15.9	15.6	62	0	132
Damietta	00	8	28	4	1	2	8	13.9	18.2	67	0	00	8	18	2	1	0	—	15.1	15.9	77	0	159
Port Said	14	7	30	6	3	5	9	14.4	19.8	60	0	00	8	28	3	5	0	—	15.4	15.8	69	dr	134
El Arish	02	7	30	1	1	6	—	14.7	19.4	62	0	00	7	30	1	0	0	—	—	14.4	71	0	135
Lower Egypt																							
Damanhur	00	7	28	4	0	0	—	14.7	21.4	39	0	01	6	28	3	1	3	4	15.5	14.4	85	0	136
Mansura	01	8	24	3	1	4	8	14.4	21.2	31	0	00	6	24	2	1	0	—	15.9	14.8	74	0	137
Tanta	02	8	26	4	1	5	8	14.4	22.7	33	0	00	3	24	2	1	0	—	15.5	15.0	74	0	138
Zagazig	01	6	20	3	1	4	8	14.2	23.6	32	0	00	6	28	2	0	0	—	14.7	14.9	61	0	139
Shebin el Kom	01	7	22	4	1	4	8	14.2	23.0	32	0	00	8	22	2	1	1	8	14.3	14.0	67	0	—
Middle Egypt																							
Cairo: Almaza	01	8	20	4	1	4	8	14.2	23.2	17	0	00	7	04	1	0	2	6	15.9	18.0	38	0	141
Cairo: Ezbekiya	02	8	26	3	1	5	8	15.0	24.3	26	0	00	7	30	2	1	3	8	16.0	18.1	42	0	—
Cairo: Giza	02	8	26	3	1	5	8	14.6	24.8	47	0	00	7	02	2	1	1	5	15.8	18.2	44	0	—
Helwan	01	8	26	5	1	4	8	14.6	22.7	17	0	00	7	02	4	0	3	8	15.8	18.1	36	0	143
Suez	01	9	26	3	1	4	4	15.8	23.8	20	0	00	9	02	1	0	0	—	16.2?	17.3	56	0	144
Upper Egypt																							
Faiyum	01	8	26	3	1	4	8	15.2	24.0	23	0	02	8	00	0	2	6	8	15.2	17.9	52	0	153
Minya	00	9	30	2	0	0	—	15.8	23.6	22	0	00	9	32	3	0	0	—	16.4	16.4	38	0	154
Asyut	00	8	20	1	0	0	—	15.5	23.5	24	0	00	6	22	1	0	0	—	15.1	16.5	53	0	155
Nag Hamadi	00	8	24	1	0	0	—	14.4	25.8	14	0	00	8	00	0	0	0	—	14.7	18.0	44	0	164
Qena	00	9	26	2	0	0	—	13.9?	27.8	14	0	00	6	24	1	0	0	—	13.9?	19.4	33	0	156
Luxor	00	7	30	2	0	0	—	14.4	26.0		0	00	6	28	1	0	0	—	15.1	16.7	41	0	157
Aswan	00	9	32	3	0	0	—	12.7	27.0	09	0	00	9	00	0	0	0	—	13.6	22.0	10	0	158
Western Desert																							
Siwa	00	8	22	3	0	0	—	—	23.5	66	0	00	—	00	0	0	0	—	18.6	18.0	57	0	148
Bahariya	00	9	00	0	0	0	—	15.5	20.5	45	0	00	—	00	0	0	0	—	—	—	—	0	149
Kharga	00	9	08	1	0	0	—	15.4	24.9	12	0	00	—	02	2	0	0	—	16.7	21.3	16	0	151
Dakhla	00	9	32	2	0	0	—	15.9	25.0	22	0	00	7	28	1	0	0	—	17.2	17.5	31	0	152
Red Sea																							
Tor	00	7	28	5	0	0	—	15.0	22.1	43	0	00	7	28	4	0	0	—	15.6	23.2	75	0	145
Hurghada	00	9	32	5	0	0	—	15.5	23.4	38	0	00	9	28	3	0	0	—	15.9	22.2	37	0	146
Quseir	00	8	32	3	0	0	—	14.4	24.3	41	0	00	8	30	2	0	0	—	15.0	22.8	33	0	147
Port Sudan	00	8	04	4	2	2	6	11	27	70													208
North Sudan																							
Wadi Halfa	00	8	02	4	0	0	—	11	29	12	0												165
Kareima	00	8	04	3	0	0	—	6	37	08	0												166
Atbara	00	8	32	2	0	0	—	5	37	09	0												167
Khartum	00	8	02	3	0	1	1	4	39	10	0												209
Kassala	09	8	02	3	0	2	1	1	40	08	0												170
Central Sudan																							
Wad Medani	00	8	02	5	1	0	—	3	41	04	0												171
Renk	00	9	28	3	0	0	—	1	41	13	0												182
Roseires	00	8	04	1	0	0	—	—	41	10	0												172
El Obeid	00	9	06	4	0	0	—	3	37	10	0												174
El Fasher	00	9	12	2	0	0	—	—	37	33	0												175
Geneina	00	8	04	1	0	0	—	—	38	09	0												179
Kadugli	01	8	22	4	1	5	1	3	41	05	0												187
South Sudan																							
Malakal	00	8	32	2	1	1	1	2	39	12	0												176
Wau																							177
Juba																							178

At 8h. on Tuesday 19th (الساعة ٨ يوم الثلاثاء 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																		
Salûm												—		—				92
Matrûh	00	9	24	2	0	0	—	17.1	+0.7	12.5	20	0	8	−3	71	0	83	151
Mariut	00	7	20	2	0	2	0	18	—	16	20	—	10	—	68	0	181	135
Alexandria	01	9	24	1	2	4	8	18.3	+2.5	16.2	20	−2	12	−1	59	0	165	177
Damietta	00	7	20	2	0	0	—	17.5	+1.8	15.0	20	—	9	—	81	0	68	97
Port Sa'îd	00	8	26	2	0	3	1	17.4	+2.5	16.2	23	+2	13	−1	71	tr	45	69
El 'Arîsh	02	7	30	1	1	6	4	—	—	16.4	19	−2	10	0	81	0	51	60
Lower Egypt																		
Damanhûr	00	6	28	3	0	0	—	17.5	+1.4	13.8	23	0	10	0	88	0	77	90
Mansûra	00	8	20	1	0	0	—	17.9	+2.0	14.8	23	−1	9	−1	72	0	27	46
Tanta	00	8	20	1	0	0	—	18.4	+1.9	15.0	24	0	7	−2	78	0	54	34
Zagazig	00	6	16	1	0	0	—	18.0	+2.0	13.6	25	+1	9	0	73	0	9	23
Shebîn el Kôm	00	8	22	2	0	0	—	17.4	+1.3	14.6	25	—	9	—	65	0	19	—
Middle Egypt																		
Cairo: Almaza	05	6	00	0	0	0	—	18.0	+1.9	16.0	25	—	7	—	41	0	3	—
Cairo: Ezbekîya	05	6	00	0	0	0	—	18.7	+2.6	16.2	25	0	10	−1	49	0	3	21
Cairo: Gîza	09	5	32	1	0	0	—	18.4	+1.9	14.9	27	+3	6	−2	76	0	15	20
Helwân	05	6	00	0	0	0	—	18.7	+2.6	15.3	24	0	11	0	50	0	4	22
Suez	00	9	02	1	0	0	—	18.4	+2.5	14.7	26	+2	10	−2	59	0	—	14
Upper Egypt																		
Faiyûm	00	8	30	1	0	0	—	18.7	+2.4	15.8	25	−1	10	0	42	0	8	7
Minya	00	9	32	1	0	0	—	18.3	+1.9	18.8	25	−1	10	0	38	0	tr	—
Asyût	00	7	10	1	0	0	—	17.9	+2.0	15.5	26	−1	10	−1	59	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	18.2	+2.9	18.8	26	—	8	—	47	0	1	—
Qena	00	7	32	1	0	0	—	18.2	+3.5	15.6	30	−1	9	−3	35	0	13	—
Luxor	00	7	28	1	0	0	—	18.6	+3.5	18.0	29	±	9	−2	41	0	0	—
Aswân	00	9	32	3	0	0	—	17.0	+2.3	17.3	28	−3	13	−2	25	0	tr	
Western Desert																		
Sîwa	00	7	00	0	0	0	—	18.6	+1.0	12.0	25	−1	6	−2	71	0	1	7
Baharîya	00	9	00	0	0	0	—	19.4	+2.7	12.0	22	−4	7	−2	76	0	0	7
Khârga	00	9	08	1	0	0	—	18.0	+2.4	14.7	25	−4	10	−2	32	0	1	—
Dâkhla	00	8	28	1	0	0	—	18.4	+2.3	14.1	26	−3	8	−2	42	0	0	—
Red Sea																		
Tôr	00	7	04	3	0	0	—	17.0	+2.6	16.3	26	+2	15	+2	89	0	0	12
Hurghâda	00	9	28	2	0	0	—	17.4	+3.0	21.4	24	−1	16	+3	65	0	1	3
Quseir	00	8	28	2	0	0	—	16.4	+2.4	21.5	26	+1	16	−1	29	0	11	4
Port Sûdân	00	8	30	2	0	1	6	14		24					61	0	17	95
North Sûdân																		
Wâdi Halfa	00	8	02	3	0	0	—	15		19					24	0	tr	—
Kareima	00	8	06	3	0	0	—	11		25					15	0	1	1
'Atbara	00	8	06	2	0	0	—	12		24					38	0	2	2
Khartûm	00	7	02	3	0	0	—	9		27					14	0	3	4
Kassala	00	8	02	1	0	0	—	7		28					45	0	31	8
Central Sûdân																		
Wad Medani	00	9	04	4	0	0	—	7		28					27	0	13	12
Renk	00	9	04	3	0	0	—	—		32		—		—	18	—		49
Roseires	00	8	28	1	0	0	—	8		26					28	0	80	38
El Obeid	00	9	02	3	0	0	—	8		26					16	0	44	16
El Fâsher	00	7	00	0	0	0	—	—	—	22					44	0	2	6
Geneina	00	8	02	3	0	2	4	—	—	26		—		—	11	—	—	4
Kadugli	00	8	00	0	0	0	—	8		31		—		—	08	—	—	92
S. Sûdân																		
Malakâl	00	8	32	3	0	0	—	6		31					13	0	170	91
Wâu	02	7	00	0	1	5	1	8		24					47	0	113	162
Juba	95	8	10	3	1	7	0,5	9		27					58	tr	193	179

Upper Winds are in the Code HHDDVV where HH is Height 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

	Matrûh	Mariut	Port Saîd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
Time	12 h. 45 m.	13 h. m.	h. m.	h. m.	13 h. m.	h. m.	h. m.	13 h. 15 m.	12 h. 45 m.	13 h. m.	12 h. 45 m.	12 h. 30 m.	13 h. m.	h. m.
	03 29 20	03 27 30			03 02 05			09 03 35	09 05 20	09 03 10	09 03 15	09 07 30	09 07 05	
	06 27 30	06 27 55			06 34 10			15 28 05	15 07 05	15 02 15	15 05 15	15 07 40	15 08 10	
	09 27 50	09 27 75			09 30 20			21 27 30	21 20 20	21 01 20	21 01 05	21 06 15	21 08 05	
	15 27 50				15 31 35			27 25 40	24 21 20	24 36 15	27 33 30	27 05 15		
	21 26 —							33 26 55	30 29 15	30 34 20	33 01 20			
								39 28 70	39 29 —	36 34 20	39 03 05			

Upper winds on 19th (الرياح العليا)

	Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
Time	7 h. m.	7 h. 15 m.	6 h. 30 m.	9 h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. 30 m.	7 h. m.	7 h. 15 m.	6 h. 30 m.
	03 21 10	03 23 15	03 27 40	02 24 05	06 25 10		03 04 25	02 01 25	15 11 05	09 04 40	09 09 25	09 05 55
	06 27 05	06 26 15	06 27 15	05 26 15	09 22 15		06 03 30	05 04 30	21 25 20	15 05 40	15 07 20	15 04 40
	09 28 15	09 26 15	09 30 30	08 34 10	12 26 15		09 03 30	10 03 30	27 29 35	21 04 20	21 31 15	21 03 40
		12 30 30	12 29 40	10 35 10	15 24 15		15 01 35	15 28 10	33 27 65	24 04 25	24 32 20	24 02 40
		15 25 50		15 27 20	18 26 05		21 35 40	20 27 30	39 25 60		30 33 30	30 35 35
		18 25 45		17 27 26	21 25 20		27 33 35	25 26 30				
		21 26 40					30 33 40	30 25 35				
								35 27 15				

	Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
Time	7 h. m.	6 h. 30 m.	7 h. m.	7 h. 15 m.	7	7
	09 08 30	09 02 35	09 05 55	09 05 15	09 06 30	09 04 60
	15 06 45	15 06 20	15 05 45	15 07 40	15 12 20	15 05 70
	21 03 35	21 06 10	21 04 30	21 09 35	21 14 35	21 05 60
	27 01 25	27 07 05	27 05 20	27 10 35	27 17 35	27 05 60
	33 10 15	33 30 35	33 05 15	33 10 35	33 17 25	33 06 45
		39 30 35	39 11 05		39 19 05	39 06 50

Upper air — 23h, 18–19th

1007	55	50
990	60	49
972	58	45
955	56	43
937	55	42
871	49	39
808	39	32
749	30	30
693	21	17
641	21	15
592	16	11
546	10	7

CYPRUS SYNOPTIC ... ON 19th

34760 51755 26365 13130 90105 01091

34883 02855 12126 13110 70830 08061

Humidity (18th)

Station	Humidity % 18th	Diff. from normal	18th	Diff. from normal
Alexandria	56	−9	12.7	−0.6
Ezbekiya	47	−13	12.4	−0.7
Giza	54	−3	14.4	+1.4
[illegible]	44	−2	10.8	−0.9

GIZA ... MINIMUM ... on 19th 3.7°

CAIRO WATER TEMP. RIVER NILE on 19th 18.2°

Discharges at Aswan measured by sluices m³ per sec.

Date	1946	1945
19.3	868	810
18.3	860	752

Nile gauges

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19			12.53	−0.73
Nâsser				4.93	−0.09
Malakâl		9.82	−0.34	9.84	−0.33
J. Aulia Res.				376.27	—
J. Aulia D.S				371.85	+0.83
Roseires		11.75	+0.38	11.80	+0.42
Sennar Res.				12.61	—
Khartûm		10.72	+0.53	10.72	+0.53
Kh. el Girba					
Atbara		10.56	+0.53	10.54	+0.50
Kajnarti		132.94	+0.71	132.96	+0.71
Aswân Res.		119.32	=	119.42	—
Aswan D.S		84.96	−0.76	84.96	−0.78
Roda (Cairo)		15.88	+0.31	15.97	+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)

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

Strong gale; Whole gale; Storm; Hurricane

WIND DIRECTION (DD) 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 h. 00 m.
Sunset 16 h. 06 m.

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

DAILY WEATHER REPORT

Month MARCH 1946 — شهر مارس ١٩٤٦

At 14h. on TUESDAY 19th (الساعة ١٤ يوم ١٩) — At 20h. on (الساعة ٢٠ يوم الثلاثاء ١٩)

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	SALUM																							130
	MATRUH	00	9	32	2	0	0	—	17.1	17.8	57	0	00	8	32	1	0	0	—	18.0	15.0	84	0	131
	MARIUT	00	7	29	3	0	1	8	18	18	52	0	00	7	32	1	0	0	—	18	14	77	0	150
	ALEXANDRIA	01	9	32	2	2	3	8	18.0	18.0	53	0	00	6	24	1	0	0	—	18.3	15.0	66	0	132
	DAMIETTA	01	8	28	3	1	3	8	17.5	17.9	72	0	00	8	28	1	1	0	—	17.6	15.0	78	0	159
	PORT SA'ID	00	8	30	3	1	2	8	17.5	20.8	53	0	00	8	32	2	0	0	—	17.8	15.0	73	0	134
	EL 'ARISH	00	7	30	1	0	0	—	—	19.7	61	0	00	7	20	1	0	0	—	17.4	14.5	73	0	135
Lower Egypt	DAMANHUR	01	7	32	4	1	4	6	17.5	20.2	51	0	01	6	32	3	1	3	8	17.9	15.2	78	0	136
	MANSURA	01	8	20	1	1	4	8	18.0	21.6	37	0	00	6	04	1	1	0	—	18.6	14.3	73	0	137
	TANTA	01	8	28	2	1	4	8	17.0	22.0	39	0	00	8	00	0	1	0	—	17.6	12.8	77	0	138
	ZAGAZIG	01	6	24	2	1	4	8	17.6	22.8	38	0	00	6	32	2	0	0	—	17.8	14.8	76	0	139
	SHEBIN EL KOM	00	8	30	3	1	1	8	16.7	23.2	31	0	00	8	28	2	0	0	—	17.1	15.1	60	0	—
Middle Egypt	CAIRO ALMAZA	00	7	22	2	0	0	—	16.8	21.8	22		00	7	06	3	0	0	—	17.4	17.3	52	0	141
	CAIRO EZBEKIYA	00	8	32	2	0	3	8	17.4	22.6	31	0	00	6	32	6	0	0	—	18.2	17.9	61	0	—
	CAIRO GIZA	00	8	04	1	0	2	8	17.0	22.9	23	0	00	6	02	3	0	0	—	17.6	17.9	50	0	—
	HELWAN	00	9	26	5	0	1	8	16.6	22.2	18	0	00	7	02	4	0	0	—	17.1	18.2	31	0	143
	SUEZ	00	9	08	1	0	3	1	17.2	23.8	27	0	00	9	02	2	0	0	—	—	17.1?	52	0	144
Upper Egypt	FAIYUM	00	8	22	3	0	2	8	17.0	25.0	23	0	00	8	30	1	0	0	—	16.8	17.9	37	0	153
	MINYA	00	9	32	2	0	0	—	16.8	25.4	24	0	00	9	32	1	0	0	—	17.0	19.0	43	0	154
	ASYUT	00	8	22	1	0	0	—	16.7	25.1	22	0	00	6	28	1	0	0	—	16.3	19.6	42	0	155
	NAG HAMADI	00	8	00	0	0	0	—	15.5	28.2	20	0	00	8	32	1	0	0	—	16.6	22.2	22	0	164
	QENA	00	9	12	1	0	0	—	14.2	29.9	16	0	00	6	26	2	0	0	—	16.0	20.0	40	0	156
	LUXOR	00	7	30	2	0	0	—	15.0	29.0	16	0	00	6	28	1	0	0	—	15.4	20.0	47	0	157
	ASWAN	00	9	32	4	0	0	—	13.2	29.0	07	0												158
Western Desert	SIWA	00	8	28	4	0	0	—	18.4	24.0	50	0	00	—	00	0	0	0	—	18.3	16.5	69	0	148
	BAHARIYA												00	—	00	0	0	0	—	19.5	12.0	65	0	149
	KHARGA	00	9	04	1	0	0	—	15.5	27.0	13	0	00	—	32	2	0	0	—	15.5	23.0	14	0	151
	DAKHLA	00	9	28	2	0	0	—	14.8	27.8	20	0	00	7	28	1	0	0	—	16.3	18.2	30	0	152
Red Sea	TOR	00	7	28	4	0	0	—	16.0	25.5	—	0	00	7	28	3	0	0	—	14.4	20.1	91	0	145
	HURGHADA	00	9	04	3	0	0	—	15.5	24.2	68	0												146
	QUSEIR	00	8	32	2	0	0	—	15.8	25.3	29	0	00	8	26	2	0	0	—	13.6	20.2	46	0	147
	PORT SUDAN																							208
North Sudan	WADI HALFA	00	8	04	2	0	0	—	11	31	11													165
	KAREIMA	00	9	04	2	0	0	—	7	38	11													166
	ATBARA	00	8	02	3	0	0	—	5	38	11													167
	KHARTUM	06	8	06	5	1	4	4,2	4	39	07													209
	KASSALA	06	8	32	4	0	0	—	2	40	17													170
Central Sudan	WAD MEDANI	01	8	06	2	1	4	1	1	42	03													171
	RENK	00	9	04	3	0	0	—	—	43	17													182
	ROSEIRES	00	8	28	1	0	0	—	2	42	12													172
	EL OBEID	00	8	04	4	0	0	—	3	38	07													174
	EL FASHER	01	8	06	2	1	3	1	—	37	17													175
	GENEINA	02	8	08	1	1	6	2	—	36	08													179
	KADUGLI	01	8	28	3	1	4	1	2	41	05													187
S. Sudan	MALAKAL	00	8	04	3	0	3	1	1	41	05													176
	WAU																							177
	JUBA	01	8	12	3	1	4	4,1	3	37	33													178

At 8h. on WEDNESDAY 20th (الساعة ٨ يوم الاربعاء ٢٠)

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	SALUM												—		—				92
	MATRUH	20	9	08	2	6	8	5	20.2	+3.8	11.8	20	0	10	-1	69	5	88	151
	MARIUT	00	8	31	2	0	1	1	19		16	20	—	10	—	59	0	181	136
	ALEXANDRIA	00	9	30	1	0	0	—	20.2	+4.5	15.4	20	-2	13	0	60	0	165	177
	DAMIETTA	20	7	22	1	5	5	9	19.6	+4.0	13.0	20	—	9	—	89	tr.	68	98
	PORT SA'ID	01	8	24	3	1	4	6	19.1	+4.3	16.0	22	+1	12	-2	66	0	45	69
	EL 'ARISH	02	7	20	1	1	6	4	18.3	+2.3	16.4	21	0	10	-1	78	0	51	81
Lower Egypt	DAMANHUR	01	6	32	3	1	3	8	19.6	+3.6	14.0	23	0	9	-1	87	0	77	90
	MANSURA	00	8	28	1	0	0	—	19.6	+3.7	14.8	23	-1	9	-1	72	0	27	46
	TANTA	00	8	00	0	0	0	—	20.0	+3.6	14.0	23	-1	6	-3	78	0	54	34
	ZAGAZIG	00	6	28	2	0	0	—	20.0	+4.0	14.2	24	0	8	-1	76	0	9	24
	SHEBIN EL KOM	09	6	28	1	0	0	—	19.4	+3.4	14.1	25	—	7	—	75	0	19	—
Middle Egypt	CAIRO ALMAZA	05	6	22	1	0	0	—	19.9	+3.8	15.6	24	—	9	—	53	0	3	—
	CAIRO EZBEKIYA	09	5	00	0	0	0	—	20.0	+3.9	14.3	25	0	10	-1	75	0	3	21
	CAIRO GIZA	09	5	04	1	0	0	—	20.2	+3.8	12.9	25	0	7	-1	65	0	15	21
	HELWAN	05	5	00	0	0	0	—	20.0	+4.0	13.2	23	-2	11	-1	62	0	4	23
	SUEZ	00	9	02	1	0	0	—	19.8	+3.9	14.6	25	+1	9	-3	60	0	—	14
Upper Egypt	FAIYUM	00	8	02	2	0	0	—	20.2	+4.0	15.5	25	-1	9	-1	56	0	8	7
	MINYA	00	9	32	2	0	0	—	19.4	+3.1	15.3	26	-1	9	-1	49	0	tr.	—
	ASYUT	00	7	20	1	0	0	—	19.5	+3.7	15.5	26	-1	11	0	43	0	0	4
	NAG HAMADI	00	8	00	0	0	0	—	18.0	+2.7	17.7	29	—	9	—	47	0	1	—
	QENA	00	7	32	2	0	0	—	17.6	+2.9	18.1	31	0	12	0	28	0	13	—
	LUXOR	00	7	28	1	0	0	—	17.6	+2.6	19.8	31	+1	10	-1	41	0	0	—
	ASWAN	00	9	32	2	0	0	—	15.4	+0.8	18.3	29	-2	14	-1	24	0	tr.	—
Western Desert	SIWA	00	7	00	0	0	0	—	20.3	+2.7	14.0	25	-1	6	-3	67	0	1	7
	BAHARIYA	00	9	00	0	0	0	—	19.5	+2.8	11.0	23	-3	7	-2	75	0	0	7
	KHARGA	00	9	02	4	0	3	3	16.7	+1.2	18.6	28	-1	14	+2	26	0	1	—
	DAKHLA	00	7	04	3	0	0	—	17.8	+1.8	21.8	29	0	14	+3	34	0	0	—
Red Sea	TOR	00	7	28	4	0	0	—	17.8	+3.4	21.3	27	+3	11	-2	91	0	0	12
	HURGHADA	00	9	28	4	0	0	—	18.0	+3.6	20.6	26	+1	13	0	43	0	1	3
	QUSEIR	00	8	32	3	0	0	—	16.8	+2.9	22.0	26	+1	19	+2	43	0	11	4
	PORT SUDAN	00	8	32	1	0	0	—	14		24					44	0	17	95
North Sudan	WADI HALFA	00	8	02	3	0	1	4	13		21					23	0	tr.	—
	KAREIMA	00	8	06	2	0	1	1	10		24					21	0	7	1
	ATBARA	00	8	04	3	0	0	—	9		28					23	0	2	2
	KHARTUM	00	8	02	2	1	0	—	8		27					20	0	3	4
	KASSALA	00	8	04	4	0	0	—	8		26					58	0	31	8
Central Sudan	WAD MEDANI	00	9	06	5	0	2	1	6		28					22	0	13	12
	RENK	00	8	28	3	0	0	—	4		28		—		—	29	—	—	49
	ROSEIRES	00	6	32	1	0	0	—	6?		29					29	0	80	38
	EL OBEID	02	8	04	4	1	7	2	8		27					17	0	44	16
	EL FASHER	02	8	28	2	1	7	2	—	—	24					32	0	2	6
	GENEINA								—	—			—		—	—	—		4
	KADUGLI	01	8	04	4	—	4	1	7		32		—		—	09	—	—	92
S. Sudan	MALAKAL	01	8	04	1	1	3	4	6		31					12	0	170	91
	WAU																0	113	163
	JUBA	05	8	14	1	1	5	4,5	7		29					59	0	193	180

Upper Winds on 19th (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	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 45 m.	12 h. 45 m.	12 h. 30 m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h. 15 m.	13 h. m.	13 h. m.	12 h. 45 m.	12 h. 45 m.	13 h. m.	13 h. m.
03 33 20	03 18 05	03 29 10		03 32 20	03 03 15		09 04 30	09 05 15	09 02 15	09 03 20	09 06 35	09 05 10	09 15 10
06 30 25	06 28 20	06 29 20		06 33 05	06 01 15		15 25 15	15 07 20	15 15 25	15 05 15	15 05 55	15 05 15	15 13 25
09 28 20	09 26 20	09 28 35		09 31 05	09 36 25		21 25 30	21 04 15	21 02 35	21 02 20	21 04 20	21 05 20	21 11 30
12 24 30	15 26 40			15 24 30	15 28 20		27 26 05	24 02 20	24 03 25	27 06 25	27 34 20	27 04 20	27 07 25
15 25 30	21 26 35			21 26 30	21 28 40		33 28 60	30 01 35	30 02 15	33 07 20	33 25 05	33 05 20	33 05 30
18 26 40				30 27 50	30 27 60		39 28 65		39 33 10	39 06 20	29 29 10	39 06 20	39 04 20
21 26 40				36 27 55	42 27 —								
24 27 50													

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.

CAIRO	MARIUT	PORT SA'ID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
11 h. 45 m.	7 h. m.	6 h. 45 m.	h. m.	7 h. 15 m.	h. m.	7 h. 30 m.	7 h. m.	7 h. 15 m.	h. m.	h. m.	h. m.
02 35 20	03 35 15	03 24 20		03 05 15		03 02 35	02 03 15	09 08 30			
05 33 20	06 33 20	06 23 15		06 02 25		06 03 35	05 06 50	15 16 20			
10 33 25	09 31 15	09 28 20		09 01 35		09 04 30	10 04 40	21 23 30			
15 28 30	12 32 20	12 29 30		12 35 40		15 05 20		27 25 35			
20 25 20	15 30 35	15 28 45		15 33 45		18 36 15					
25 28 40	18 29 55			18 32 45		21 27 30					
27 27 25	21 30 50			21 30 45		27 24 45					
	24 29 55			24 28 35		30 25 35					

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. 15 m.
	09 03 25	09 05 70	09 36 15		09 05 30
	15 08 15	15 05 55	15 07 50		15 06 40
	21 12 10	21 05 40	18 08 40		21 05 70
	27 12 15	27 05 20			33 05 45
	33 11 10	33 05 45			39 05 30

Upper Air Temp ALMAZA at 05 h. G.M.T. on 20th.

Height feet	P.P.P. m.b.	TT °F	Td °F
Surface	1010	53	47
500	992	58	46
1000	974	55	46
1500	956	53	44
2000	937	52	43
4000	872	45	37
6000	809	35	32
8000	750	29	29
10000	695	23	19
12000	642	16	13
14000	593	10	8
16000	547	5	4

CYPRUS SYNOPTIC 5h. ON 20th.
34750 51758 24358 17120 80306 02071
34850 02965 12215 17090 50300 00040

Remarks

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

Mean of day

Station	Humidity % on 19th	Diff from normal	Wet Bulb Temp °C on 19th	Diff from normal
Alexandria	59	-6	12.9	-0.5
Ezbekiya	50	-10	12.8	-0.4
Giza	59	-3	12.7	-0.4
Helwan	34	-12	10.8	-1.0

GÎZA — GRASS MINIMUM TEMP. ON 20th. 4.5° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 20th. 18.4° C

Discharges at Aswân measured by sluices m³ per sec. — Date	1946	1945
20th	868	810
19th	868	810

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20th				
Nâsser				4.92	-0.09
Malakâl		9.82	-0.33	9.82	-0.34
J. Aulia Res.				376.19	—
J. Aulia D.S				371.65	+0.83
Roseires		11.75	+0.38	11.75	+0.38
Sennar Res.				18.50	—
Khartûm				10.72	+0.53
Kh. el Girba					
'Atbara		10.57	+0.55	10.56	+0.33
Kajnarti				132.94	+0.71
Aswân Res.		119.32	—	119.32	—
Aswân D.S		84.96	-0.75	84.96	-0.76
Roda (Cairo)		15.77	+0.21	15.88	+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

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

CLOUD FORM (C)

Cirrus	1
Cirro-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. m. 05 59
Sunset h. m. 18 07

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *MARCH* 1946 — شهر مارس ١٩٤٦

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

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	04	3	0	0	—	20.6	16.3	57	0	00	8	06	2	0	0	—	21.2	13.3	69	0	131
	MARIUT	01	8	30	4	1	4	8	20	17	52	0	00	7	31	3	0	2	6	21	14	55	0	150
	ALEXANDRIA												01	6	04	3	2	4	4	22.3	13.3	65	0	132
	DAMIETTA	01	8	28	3	1	3	9	19.2	16.9	69	0	00	7	28	4	1	2	6	20.6	13.7	77	0	159
	PORT SA'ÎD	00	8	30	4	0	3	8	20.2	19.0	52	0	00	8	30	3	0	2	8	21.0	14.4	67	0	134
	EL 'ARÎSH	00	7	30	1	0	0	—	—	20.4	69	0												135
Lower Egypt	DAMANHÛR	01	7	30	4	1	4	8,5	19.8	17.8	61	0	00	6	04	3	1	0	—	19.5	15.2	82	0	136
	MANSÛRA	01	8	32	1	1	4	8	19.4	20.0	43	0	00	6	04	2	1	0	—	21.2	12.8	68	0	137
	TANTA	02	8	32	2	1	5	8	19.0	21.0	41	0	00	8	00	0	1	0	—	21.4	11.3	70	0	138
	ZAGAZIG	02	6	28	3	1	5	8	18.8	22.8	47	0	00	6	28	2	0	0	—	20.7	13.4	77	0	139
	SHEBÎN EL KÔM	01	8	30	2	1	4	8	18.4	21.9	42	0	00	8	30	2	0	0	—	20.7	12.9	68	0	—
Middle Egypt	Cairo ALMAZA	01	8	30	2	1	4	8	18.9	20.5	33	0	00	7	02	4	1	0	—	20.6	15.6	57	0	141
	Cairo EZBEKÎYA	02	8	30	2	0	5	8	19.2	22.0	39	0	00	7	30	1	0	0	—	20.7	15.9	66	0	—
	Cairo GÎZA	02	8	30	2	1	5	8,5	18.8	21.2	38	0	00	6	30	2	0	0	—	20.7	15.3	62	0	—
	HELWÂN	01	8	30	3	1	4	8,4	18.8	20.0	33	0	00	6	02	6	0	0	—	20.2	15.7	56	0	143
	SUEZ	01	9	32	1	1	8	3	18.8	21.8	27	0												144
Upper Egypt	FAIYÛM	01	8	30	3	1	4	4	18.7	22.0	28	0	01	8	02	2	1	4	4	19.1	17.4	41	0	153
	MINYA	02	8	30	3	1	5	2	19.0	26.0	20	0	01	8	32	1	1	4	2	18.7	20.8	25	0	154
	ASYÛT	01	7	28	1	1	4	5	17.5	24.8	20	0	00	6	30	1	1	0	—	18.0	19.7	34	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	15.1	27.0	15	0	00	8	00	0	0	0	—	15.5	17.7	51	0	164
	QENA	01	8	04	2	0	5	3	15.2	27.6	15	0	01	6	04	2	1	5	3	15.6	23.3	30	0	156
	LUXOR	02	7	30	3	2	5	3	15.6	26.5	20	0	00	6	32	1	0	0	—	16.7	22.8	32	0	157
	ASWÂN	02	9	32	4	1	5	1	11.6	32.3		0	00	9	32	2	0	0	—	15.1	26.0	10	0	158
Western Desert	SÎWA	00	8	28	3	0	0	—	20.6	23.5	19	0	00		28	2	0	0	—	18.0	19.0	30	0	148
	BAHARÎYA	00	9	00	0	0	0	—	17.0	20.0	47	0												149
	KHÂRGA	00	9	32	2	0	0	—	15.8	26.3	14	0	02	9	32	3	2	8	2	16.4	23.2	21	0	151
	DAKHLA	00	8	08	3	0	0	—	16.2	23.1	24	0	00	6	08	3	0	0	—	17.6	20.1	30	0	152
Red Sea	TÔR	00	7	28	5	0	0	—	17.6	22.6	59	0	00	7	28	4	0	0	—	17.8	23.2	75	0	145
	HURGHÂDA	00	9	30	2	0	0	—	17.1	24.7	64	0	02	8	28	3	1	8	4	17.6	25.1	53	0	146
	QUSEIR	02	8	32	3	1	5	5	16.6	25.0	43	0	01	8	32	3	2	4	5	16.8	22.6	38	0	147
	PORT SÛDÂN	00	8	03	3	0	0	—	13	27	66													168
North Sûdân	WÂDI HALFA	00	8	02	3	0	1	1	9	34	12													165
	KAREIMA	00	8	04	2	0	0	—	5	40	08													166
	'ATBARA	00	7	04	4	0	0	—	4	41	10													167
	KHARTÛM	14	8	04	5	0	0	—	3	42	06													209
	KASSALA	06	8	04	3	0	0	—	2	38	15													170
Central Sûdân	WAD MEDANI	00	8	02	4	0	2	1	1	43	11													171
	RENK	00	9	28	3	0	0	—	99	41	15													182
	ROSEIRES	01	7	28	2	0	4	1	1	43	12													172
	EL OBEID	02	8	06	4	1	5	4,5	2	39	10													174
	EL FASHER	02	9	08	2	1	6	2	2	38	18													175
	GENEINA	01	8	16	3	1	5	2	—	38	09													179
	KADUGLI	02	8	04	4	1	6	1	2	42	05													187
S. Sûdân	MALAKÂL	00	8	18	2	0	0	—	1	41	04													176
	WÂU																							177
	JUBA	02	8	28	2	1	6	8,4	4	37	33													178

At 8h. on *THURSDAY 21st* (الساعة ٨ يوم الخميس ٢١)

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	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												—		—				92
	MATRÛH	02	9	32	2	1	6	4	23.6	+7.3	14.0	17	-3	9	-2	57	0	88	151
	MARIUT	02	8	00	0	2	7	8,9,6	23		14	18	—	12	—	67	0	181	136
	ALEXANDRIA	02	8	32	2	2	7	4,5	22.6	+6.9	11.8	19	-3	12	-1	74	0	165	178
	DAMIETTA	01	8	20	2	2	3	9	23.4	+7.8	14.0	18	—	9	—	75	0	68	98
	PORT SA'ÎD	02	8	26	3	2	5	6	23.4	+8.6	15.6	20	-1	13	-1	64	0	45	69
	EL 'ARÎSH																		81
Lower Egypt	DAMANHÛR	01	6	04	3	1	4	8	23.4	+7.4	12.7	19	-5	9	-1	76	0	76	90
	MANSÛRA	01	8	24	1	1	4	6	23.6	+7.8	12.8	21	-3	6	-4	70	0	27	46
	TANTA	00	8	00	0	0	0	—	24.6	+8.2	13.3	22	-3	5	-4	86	0	54	34
	ZAGAZIG	01	6	20	1	1	3	8	23.9	+8.0	12.6	23	-2	7	-2	77	0	9	24
	SHEBÎN EL KÔM	00	7	30	2	0	0	—			13.9	24	—	7	—	67	0	19	—
Middle Egypt	Cairo ALMAZA	05	6	11	2	0	0	—	23.5	+7.5	14.2	22	—	8	—	56	0	3	—
	Cairo EZBEKÎYA	05	7	04	1	0	0	—	24.0	+8.0	13.8	23	-2	9	-2	66	0	3	21
	Cairo GÎZA	09	5	28	1	0	0	—	24.0	+7.6	12.2	22	-3	6	-2	78	0	15	21
	HELWÂN	00	7	02	3	0	0	—	24.0	+8.1	12.9	21	-4	9	-3	63	0	4	23
	SUEZ	00	9	02	1	0	3	2	24.4	+8.6	12.9	24	-1	10	-3	67	0	—	14
Upper Egypt	FAIYÛM	00	8	02	3	0	0	—	23.6	+7.4	14.0	23	-3	10	0	59	0	8	7
	MINYA	00	8	32	2	1	2	1	22.2	+6.0	14.3	26	-1	10	0	72	0	dr.	—
	ASYÛT	01	7	22	1	1	4	1	21.8	+6.0	14.0	26	-1	10	-1	67	0	0	4
	NAG' HAMÂDI	00	8	24	1	0	0	—	20.0	+4.8	19.5	29	—	13	—	43	0	1	—
	QENA	01	7	04	1	1	5	3	19.8	+5.2	20.4	30	-2	16	+4	31	0	13	—
	LUXOR												—		—				—
	ASWÂN	02	9	32	4	1	5	1	17.8	+3.3	21.5	33	+1	16	+1	18	0	dr.	
Western Desert	SÎWA	00	7	04	2	0	0	—	23.4	+5.9	12.5	25	-1	6	-3	71	0	1	7
	BAHARÎYA	00	9	00	0	0	0	—	19.5		12.0	22	-4	7	-2	76	0	0	7
	KHÂRGA	02	9	04	4	2	5	2	20.0	+4.6	18.8	27	-2	14	+2	27	0	1	—
	DÂKHLA	00	7	08	3	0	0	—	20.5	+4.6	20.3	27	-2	17	+6	41	0	0	—
Red Sea	TÔR	00	7	28	4	0	0	—	19.6	+5.3	21.2	26	+1	11	-2	91	0	0	13
	HURGHÂDA	03	8	28	4	2	8	4	18.9	+0.6	18.2	26	+1	14	+1	56	0	1	3
	QUSEIR	02	8	32	0	1	5	5	18.8	+5.0	21.0	27	+2	20	+3	43	0	11	4
	PORT SÛDÂN	02	8	30	3	1	5	7	15		23					78	0	17	95
North Sûdân	WÂDI HALFA	00	8	32	3	0	2	4	14		20					26	0	tr.	—
	KAREIMA	00	8	04	4	1	3	1	11		26					27	0	7	1
	'ATBARA	01	8	04	3	1	4	1	10		24					38	0	2	2
	KHARTÛM	01	8	02	3	1	4	4	8		27					40	0	3	4
	KASSALA	01	8	02	2	1	4	4,1	7		27					58	0	31	8
Central Sûdân	WAD MEDANI	02	9	02	2	1	6	4	7		26					51	0	13	12
	RENK	00	9	12	3	0	0	—	—		30		—		—	38	—	—	49
	ROSEIRES	01	7	16	1	1	4	1			34					29	0	80	38
	EL OBEID	02	7	30	3	1	6	4,2	8		27					14	0	44	16
	EL FÂSHER	05	6	32	4	1	6	2	—	—	26					16	0	2	6
	GENEINA	05	6	02	5	1	2	4	—	—	24		=		—	09	—	—	4
	KADUGLI	01	7	20	3	1	4	1	8		29		—		—	40	—	—	92
S. Sûdân	MALAKÂL																0	170	91
	WÂU	02	8	16	4	1	6	4,5	10		27					30	0	113	164
	JUBA	02	8	20	1	1	6	2	11		27					66	1	194	181

PRESENT WEATHER 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]

CLOUD AMOUNT (N)
- [illegible] 0
- [illegible]
- 1 Tenth 2
- 2, 3 Tenths [illegible]
- 4, 5, 6 Tenths [illegible]
- 7, 8 Tenths [illegible]
- 9 Tenths [illegible]
- 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 20th

Upper Winds are in the Code HHDDVV where HH is Height above 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.	13 h.	12 h. 45 m.	h. m.	h. m.	13 h.	h. m.	13 h. 15 m.	12 h.	13 h.	13 h.	12 h. 30 m.	13 h.	13 h.
03 04 25	03 33 40	03 33 20			03 02 25		09 08 15	09 08 15	09 06 30	09 05 20	09 05 20	09 20 25	09 23 05
06 03 15	06 32 25	06 31 20			06 03 20		15 22 15	15 02 15	15 04 35	15 04 15	15 05 20	15 19 20	15 12 15
09 36 05	09 33 20	09 28 20			09 04 20		21 25 30	21 34 20	21 05 25	21 02 05	21 06 30		21 10 30
12 27 10		12 27 20			15 03 15		27 28 40	24 32 15	24 06 25	27 02 15	27 06 05		27 11 50
		15 27 35			21 24 20			30 31 20	30 02 25	33 05 15	33 09 10		33 08 30
		21 29 50			27 24 45			39 24 20					39 03 35
		24 28 65											

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
7 h.	7 h.	6 h. 45 m.	9 h.	6 h. 45 m.	h. m.	7 h.	7 h.	7 h. 15 m.	7 h.	7 h. 15 m.	6 h. 30 m.
03 34 15	03 33 15	03 29 15	02 03 20	03 03 40		03 01 30	08 03 20	09 05 50	09 05 55	09 06 35	09 04 45
06 33 15	06 33 15	06 31 25	05 02 25	06 02 30		06 01 40	05 02 50	15 05 35	15 03 30	15 03 15	15 04 35
09 33 15	09 32 15	09 32 25	08 04 10	09 35 30		09 01 50	10 03 45	21 36 10	21 05 30		21 03 25
12 32 20		12 31 30	10 04 10	15 33 45		15 36 30	15 10 05	24 34 05	27 06 15		24 02 25
	Ent. Cb.	15 32 30	15 32 35	21 32 40		21 01 —	20 22 25	30 29 05	33 03 10		30 06 15
			20 29 40					39 26 20	39 33 15		
			23 29 45								
			25 29 55								
			28 29 60								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. m.	7 h. m.	h. m.	7 h. m.	h. m.
09 11 20	09 05 25	09 03 35		09 07 40	
15 03 55		15 05 35		15 07 40	
21 04 35		21 05 25		21 05 15	
27 07 35		27 06 25		27 13 15	
33 16 20		33 03 30		33 13 30	
				39 04 30	

UPPER AIR TEMP ALMÂZA AT 24 G.M.T. ON 20th

HEIGHT FEET	PPP mb.	TT	
Surface	1012	53	49
500	994	52	48
1000	976	50	46
1500	958	48	44
2000	941	46	42
4000	874	41	37
6000	811	34	31
8000	752	27	23
10000	696	23	21
12000	644	14	14
14000	595	6	6
15000	548	3	3

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 01-36 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

CYPRUS SYNOPTIC 8h. ON 21st
34780 51855 26265 20111 00107 03 1
34850 02976 20216 20100 60305 00721

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	59	-6	11.5	-2.0
Ezbekiya	67	+8	13.1	-0.2
Giza	69	+7	12.4	-0.8
Helwân	53	+8	11.1	-0.8

GÎZA — GRASS MINIMUM TEMP. ON 21st 4.2°C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 21st 18.8°C

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21st			12.52	-0.74
Nâsser				4.91	-0.10
Malakâl		9.78	-0.37	9.82	-0.33
J. Aulia Res.				376.11	
J. Aulia D.S				371.85	+0.84
Roseires		11.72	+0.35	11.75	+0.38
Sennar Res.				18.38	
Khartûm				10.73	+0.54
Kh. el Girba					
'Atbara				10.57	+0.55
Kajnarti		132.84	+0.66		
Aswân Res.		119.34		119.32	
Aswân D.S		84.96	-0.74	84.96	-0.75
Roda (Cairo)		15.66	+0.10	15.77	+0.21

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
21.3	868	810
20.3	868	810

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

ANNUAL SUBSCRIPTION P.T. 150

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

DAILY WEATHER REPORT

Cairo — Time of Sunrise 05 h. 58 m. — Sunset 18 h. 07 m.

Month MARCH, 1946 — شهر مارس ١٩٤٦

At 14h. and at 20h. on THURSDAY 21st (الساعة ١٤ يوم الخميس ٢١ / 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 8-14h 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	—	24.2	15.8	56	0	00	8	32	3	0	0	—	23.9	13.8	60	0	131
Mariut	01	8	30	2	8	5	6,8	23	17	52	dr.	00	7	31	2	1	1	6	24	14	52	0	150
Alexandria	02	9	32	2	5	5	4	23.8	18.0	44	dr.	01	6	32	2	2	4	4	24.7	13.6	50	0	132
Damietta	00	8	28	4	1	2	8	22.7	16.6	62	0	00	8	28	2	1	2	8	23.0	13.5	74	0	159
Port Sa'îd	00	8	30	3	0	2	8	23.2	18.8	49	0	00	8	30	3	0	0	—	23.5	13.9	66	0	134
El 'Arîsh	00	7	30	1	0	0	—	22.7	19.9	59	0												135
Lower Egypt																							
Damanhûr	02	7	30	4	1	5	8	23.0	17.0	54	0	01	6	04	2	2	3	8	23.8	12.2	87	0	136
Mansûra	01	8	30	2	1	4	8	23.2	18.0	44	0	00	6	02	1	1	0	—	24.0	12.6	68	0	137
Tanta	01	8	28	1	1	4	8	22.6	20.0	40	0	00	8	00	0	1	0	—	24.3	10.7	80	0	138
Zagazig	01	6	28	2	1	4	8	22.2	20.1	47	0	00	6	32	2	0	0	—	23.9	12.2	76	0	139
Shebîn el Kôm	01	8	30	3	1	4	8	—	19.7	43	0	00	7	30	2	1	0	—	21.5	12.7	70	0	—
Middle Egypt																							
Cairo Almâza	01	8	02	3	1	4	8	22.2	19.6	37	0	00	7	02	3	1	0	—	23.6	15.2	53	0	141
Cairo Ezbekîya	02	8	32	2	1	5	8	22.6	20.0	44	0	00	7	32	3	0	3	8	23.6	15.9	59	0	—
Cairo Gîza	01	7	30	3	1	4	8	22.3	19.6	41	0	00	6	30	3	1	2	8	23.5	15.3	59	0	—
Helwân	00	8	32	3	0	3	8	22.2	19.0	34	0	00	7	32	4	0	0	—	23.2	15.4	53	0	143
Suez	00	9	32	2	0	3	3	22.2	19.3	37	0	00	8	32	3	0	0	—	23.2	15.2	56	0	144
Upper Egypt																							
Faiyûm	01	8	32	3	1	3	8	21.8	20.0	32	0	01	8	02	2	1	3	8	22.7	16.1	50	0	153
Minya	01	8	32	3	1	4	3	20.6	23.3	28	0	01	8	32	4	1	4	2	21.8	18.0	42	0	154
Asyût	01	7	30	2	1	4	5	19.8	24.0	17	0	00	7	28	1	1	0	—	20.4	17.4	38	0	155
Nag' Hamâdi	00	8	32	1	0	0	—	17.6	25.6	18	0	00	8	00	0	0	0	—	18.4	20.8	21	0	164
Qena	01	8	04	2	1	5	3	17.8	25.6	18	0	01	6	02	3	1	4	3	17.8	22.4	22	0	156
Luxor	03	7	30	4	0	8	3	17.8	25.2	24	0	00	6	28	1	0	0	—	18.4	21.7	32	0	157
Aswân	01	9	32	5	1	4	1	14.4	29.4	08	0												158
Western Desert																							
Sîwa	02	8	08	3	1	6	4	23.4	20.5	52	0	00	—	00	0	0	0	—	22.4	16.0	59	0	148
Baharîya	00	9	00	0	0	0	—	—	20.0	43	0	00	—	00	0	0	0	—	—	11.0	69	0	149
Khârga	01	9	04	3	1	5	2	18.0	24.3	27	0	01	—	32	2	1	4	2	18.7	22.2	24	0	151
Dakhla	00	8	04	3	0	0	—	17.8	25.2	30	0	00	6	08	2	0	0	—	19.2	20.2	33	0	152
Red Sea																							
Tôr	00	7	28	5	0	0	—	19.4	21.3	59	0	00	7	28	4	0	0	—	17.8	23.5	75	0	145
Hurghâda	02	8	30	2	0	5	4	19.4	22.2	34	0	02	8	28	4	1	6	4	19.2	21.1	37	0	146
Quseir	03	8	32	5	2	8	5	18.7	23.0	52	0	01	8	32	5	2	4	5	18.6	21.8	46	0	147
Port Sûdân	05	6	02	4	1	5	6	13	27	62													208
North Sûdân																							
Wâdi Halfa	18	5	02	5	1	4	2	12	32	13													165
Kareima	00	7	04	4	0	2	1	7	37	13													166
'Atbara	01	8	04	4	1	4	1	5	37	13													167
Khartûm	01	7	02	5	1	5	4,1	3	40	11													169
Kassala	01	8	22	1	1	4	4	1	42	17													170
Central Sûdân																							
Wad Medani	01	8	06	2	1	4	3	2	39	23													171
Renk	00	9	20	3	0	0	—	99	40	28													182
Roseires	00	8	16	1	1	0	—	—	40	20													172
El Obeid	02	8	06	4	1	7	4,2	2	40	08													174
El Fâsher	05	6	32	4	1	8	2	—	36	13													175
Geneina	01	7	32	3	1	3	1	—	36	06													179
Kadugli	01	8	20	3	1	4	2	5	37	27													187
S. Sûdân																							
Malakâl	01	8	22	3	1	5	8,2	4	38	21													176
Wâu																							177
Juba	01	8	14	2	1	4	8,1	5	37	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 21st

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.	13 h. m.	h. m.	h. m.	11 h. 30 m.	12 h. 30 m.	12 h. 45 m.	13 h. m.	13 h. m.	12 h. 45 m.
033515					034335			090420	090315	090000	090920	092135	090905
063435					060135			150420	150615	150920	151220	151915	15 — —
093130					093620			210405	211020	212105	211030	212145	211420
152725					183330			241805	241015	272605	270915	271935	271725
182825					213220			302820	301205	332705		332040	331440
					272745			392830	392710	392705		392040	391355
					302665								
					3925—								

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	50	−15	10.2	−3.4
Ezbekiya	58	−1	12.1	−1.3
Gîza	58	−4	11.5	−1.8
Helwân	52	+7	10.6	−1.3

GÎZA — Grass minimum temp. on 22nd 3.6°C

CAIRO — Water temp. River Nile at 8h. on 22nd 18.8°C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	22nd	868	810
	21st	868	810

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22nd				
Nâsser		4.87	−0.16	4.90	−0.12
Malakâl		9.76	−0.38	9.78	−0.37
J. Aulia Res.				376.11	—
J. Aulia D.S				371.85	+0.84
Roseires		11.72	+0.35	11.72	+0.35
Sennar Res.		18.20	—	18.30	—
Khartûm		10.73	+0.54	10.73	+0.54
Kh. el Girba					
'Atbara		10.57	+0.56	10.57	+0.56
Kajnarti		132.80	+0.65	132.84	+0.66
Aswân Res.		119.42	—	119.34	—
Aswân D.S		84.97	−0.72	84.96	−0.74
Roda (Cairo)		15.58	+0.03	15.66	+0.10

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

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	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												—		—				92
Matrûh	00	9	06	1	0	0	—	24.2	+7.9	14.8	16	−4	9	−2	52	0	88	152
Mariut	00	7	01	2	0	1	6	24		16	18	—	11	—	42	dr.	181	136
Alexandria	01	9	28	2	2	4	4	25.1	+9.5	15.2	19	−3	12	−1	43	dr.	165	178
Damietta	02	8	20	1	1	5	9	23.8	+8.3	15.6	17	—	8	—	71	0	68	98
Port Sa'îd	02	8	04	2	2	5	6	23.6	+8.9	15.8	20	−2	12	−2	60	0	45	70
El 'Arîsh																	51	81
Lower Egypt																		
Damanhûr	02	6	04	3	2	5	8	23.5	+7.6	13.6	18	−6	10	0	82	0	77	91
Mansûra	01	8	02	1	1	3	0	23.9	+8.1	14.4	20	−4	7	−3	57	0	27	46
Tanta	00	8	00	0	0	0	—	24.4	+8.1	12.0	21	−4	7	−2	76	0	54	34
Zagazig	01	6	32	1	1	3	4	24.0	+8.2	13.4	21	−4	7	−2	71	0	9	24
Shebîn el Kôm	00	8	02	2	0	1	1	—	—	12.2	22	—	8	—	66	0	19	—
Middle Egypt																		
Cairo Almaza	01	7	04	1	1	4	5	23.7	+7.7	12.2	21	—	9	—	61	0	3	—
Cairo Ezbekîya	09	5	02	1	0	4	4	24.0	+8.0	13.6	21	−4	10	−1	61	0	3	21
Cairo Gîza	09	6	30	2	1	4	8	24.0	+7.7	12.5	20	−5	6	−3	65	0	15	21
Helwân	01	7	02	3	1	5	4	24.0	+8.1	12.1	20	−5	10	−2	64	0	4	23
Suez	01	9	02	2	1	4	5	21.4	+5.6	14.1	21	−4	10	−3	64	0	—	14
Upper Egypt																		
Faiyûm	02	8	32	3	2	5	4				21	−5	10	0	64	0	8	7
Minya	01	7	32	2	1	4	2	22.4	+6.2	14.0	24	−3	10	0	70	0	dr.	—
Asyût	01	7	20	1	1	4	5	22.7	+7.0	14.2	27	−1	11	0	65	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	20.6	+5.5	15.0	26	—	14	—	60	0	1	—
Qena	01	7	24	1	1	5	3	19.8	+5.3	17.4	28	−4	14	+2	51	0	13	—
Luxor	00	7	28	2	0	0	—	19.2	+4.4	20.0	26	−5	14	+3	47	0	0	—
Aswân	02	9	32	4	1	5	6	17.9	+3.5	19.8	30	−2	17	+1	18	0	dr.	—
Western Desert																		
Sîwa	00	7	08	2	0	0	—	23.8	+6.4	13.0	24	−2	8	−1	66	0	1	7
Baharîya	00	9	00	0	0	0	—	—	—	12.0	21	−5	8	−2	76	0	0	7
Khârga	03	9	32	3	2	8	5	21.8	+6.5	16.8	25	−5	14	+2	39	0	1	—
Dâkhla	00	7	08	4	0	0	—	22.0	+6.1	17.3	26	−3	12	+1	52	0	0	—
Red Sea																		
Tôr	00	7	28	4	0	0	—	19.9	+5.7	17.7	24	−1	12	−1	92	0	0	13
Hurghâda	02	8	28	5	0	5	4	19.6	+5.4	17.2	24	−2	11	−2	76	0	1	3
Quseir	03	8	32	5	2	8	5	18.2	+4.4	19.6	25	0	19	+2	49	0	11	4
Port Sûdân	02	8	32	3	1	7	6	15		24					57	0	17	95
North Sûdân																		
Wâdi Halfa																0	tr.	—
Kareima	14	7	04	4	0	1	1	12		26					21	0	7	1
'Atbara	00	8	32	3	1	3	4	11		25					34	0	2	2
Khartûm	01	7	32	3	0	3	1	10		28					42	0	3	4
Kassala	02	8	00	0	1	5	4,5	8		27					66	0	31	8
Central Sûdân																		
Wad Medani	02	9	32	4	1	5	3	8		28					45	0	13	12
Renk	01	9	18	3	1	4	4	6		32		—		—	36	—	—	49
Roseires	01	7	12	1	1	4	1	9		26					62	2	82	38
El Obeid	01	7	02	4	0	4	2	9		26					27	0	44	16
El Fâsher	01	7	30	2	1	4	2	—	—	21					35	0	2	6
Geneina	00	8	02	3	0	2	1	—	—	23		—		—	15	—	—	4
Kadugli	02	8	28	3	1	6	2	9		29		—		—	35	—	—	92
S. Sûdân																		
Malakâl	02	8	12	3	1	5	6,4	8		31					33	0	170	92
Wâu																0	113	165
Juba	00	8	24	1	1	0	—	9		32					41	0	194	182

Upper Winds are in the Code HHDDVV where HH is Height 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'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. 15 m.	7 h. 15 m.	7 h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	h. m.	7 h. m.	6 h. 30 m.	7 h.
030115	033215	033605				033605			090625	090570	090545
060220	063230	063605				063420			150250	150370	150740
090220	093225	090210				093520			213515	210230	211035
123220	123215	120210				153220			272010	243510	241020
153425	152920	150405				212815			391915	272520	301510
		182610				272735					391710
		212620				302645					
		243025									

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. 30 m.
091215	063335		090320	090540	091620
151610			150555	150930	151810
211615			211120	211920	211910
270605			271120	272125	271310
			301425	332120	
				392020	

Upper Air Temp — Almâza at 23 h. G.M.T. on 21st

Height feet	PPP mb.	TT °F		
Surface	1014	53	50
500	995	52	47
1000	978	50	46
1500	960	48	44
2000	943	45	41
4000	876	40	37
6000	813	37	31
8000	753	33	27
10000	697	27	24
12000	645	25	22
14000	596	18	17
16000	550	10	9

Cyprus synoptic 8h. on 22nd

34720 00972 02202 23130 90305 93071
34883 01962 26113 24110 50304 00070

Present Weather (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	
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	
Drizzle	
Rain	
Snow, sleet	
Showers	
Thunderstorm	

Visibility (V)

Objects not visible at
50 metres
200
500
1 Kilometre

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	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	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong 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, 18 = 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

DAILY WEATHER REPORT

Cairo — Time of Sunrise 05 h. 56 m. — Sunset 18 h. 08 m.

Month March 1946 — شهر مارس ١٩٤٦

At 14h. on Friday 22nd — الساعة ١٤ يوم الجمعة ٢٢ / At 20h. on 22nd — 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.	Temp. °C	% 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.	Temp. °C	% Humidity	Rain 14-20 mms	Station Number
Mediterranean																							
Salum																							130
Matruh	00	9	32	2	0	0	—	23.6	17.0	47	0	00	8	24	1	0	0	—	23.4	14.3	59	0	131
Mariut	01	8	02	2	1	3	8	22	17	42	0	00	7	02	2	0	0	—	22	13	55	0	150
Alexandria	01	9	04	2	2	4	8	23.5	17.4	42	0	00	6	04	2	0	0	—	23.5	13.6	58	0	132
Damietta	01	8	04	3	1	5	8	22.3	16.0	69	0	00	7	02	1	1	2	6	21.8	14.0	77	0	159
Port Said	02	8	02	3	2	5	6	22.3	18.7	54	0	00	8	04	3	1	3	8	21.6	14.8	60	0	134
El Arish	00	7	30	1	0	0	—	21.8	19.4	69	0												135
Lower Egypt																							
Damanhur	02	7	32	3	2	5	8	23.0	19.0	54	0	01	6	16	3	1	3	8	22.2	12.2	87	0	136
Mansura	01	8	32	2	1	4	8	22.2	18.2	47	0	00	6	04	2	1	0	—	22.0	13.2	68	0	137
Tanta	01	8	28	2	1	4	8	21.6	20.0	40	0	01	8	00	0	1	4	8	21.9	12.0	76	0	138
Zagazig	01	6	32	2	1	4	8	23.4	20.6	43	0	00	6	28	2	0	0	—	22.2	12.8	75	0	139
Shebin el Kom	01	8	02	3	1	4	8	—	19.1	44	0	00	8	30	3	1	0	—	21.0	13.8	68	0	—
Middle Egypt																							
Cairo: Almaza	01	7	03	2	1	5	6,4,5	20.9	19.8	33	0	00	7	04	3	0	3	0	21.2	15.8	54	0	141
Cairo: Ezbekiya	02	8	32	3	1	5	8	21.2	20.3	40	0	00	6	02	3	0	2	4	21.4	16.1	59	0	—
Cairo: Giza	01	7	30	4	1	5	8	21.1	18.4	48	0	00	6	20	3	0	2	8	21.2	15.9	57	0	—
Helwan	01	8	32	3	1	4	1	20.6	19.0	32	0	00	7	32	2	0	2	1	20.6	16.0	50	0	143
Suez	02	9	32	2	2	5	5	20.3	19.6	36	0	01	8	32	2	1	4	5	21.0	15.9	57	0	144
Upper Egypt																							
Faiyum	02	8	02	4	2	5	5	24.7	19.2	33	0	02	8	32	1	2	5	5	20.7	14.3	61	0	153
Minya	01	7	32	3	1	5	5	20.8	18.2	47	0	01	8	30	2	1	4	2	—	16.6	41	0	154
Asyut	01	7	18	2	1	5	5	19.6	20.6	25	0	01	6	20	1	1	4	5	19.4	16.2	53	0	155
Nag Hamadi	00	8	32	1	0	0	—	17.9	21.8	28	0	00	8	00	0	0	0	—	17.9	17.2	40	0	164
Qena	01	8	26	3	1	4	3	16.6	25.3	23	dr	01	6	24	1	1	4	3	17.5	18.4	53	0	156
Luxor	02	7	30	2	2	5	2	17.4	25.0	28	0	00	6	28	1	0	0	—	18.4?	19.0	46	0	157
Aswan												02	9	32	3	1	5	4	16.4	23.0	12	0	158
Western Desert																							
Siwa	02	8	00	0	1	7	4	22.0	21.8	54	0	03	—	26	6	2	8	7	23.5	14.5	66	tr	148
Bahariya	00	9	00	0	0	0	—	22.2	19.5	43	0	00	—	00	0	0	0	—	—	12.5	71	0	149
Kharga	02	9	02	4	2	6	5	—	21.2	29	0	01	6	02	2	1	3	4	19.4	19.7	37	0	151
Dakhla	00	8	08	4	0	0	—	20.2	21.2	34	0	00	6	04	1	0	0	—	21.8	18.2	39	0	152
Red Sea																							
Tor	00	7	28	3	0	0	—	—	22.5	74	0	01	7	28	5	0	3	5	18.2	17.2	81	0	145
Hurghada	02	8	30	5	0	5	4	19.1	21.5	60	0	03	6	30	2	2	8	0	16.6	20.1	55	0	146
Quseir	03	8	32	4	2	8	5	17.6	21.5	52	0	03	8	32	2	2	8	5	16.3	20.6	56	0	147
Port Sudan	01	8	02	3	1	4	6,1	12	27	70	0												169
North Sudan																							
Wadi Halfa	02	8	02	4	1	7	4,5	14	27	17	0												165
Kareima	14	7	06	5	1	3	1	9	34	19	0												166
Atbara	00	8	02	2	0	3	1	7	35	22	0												167
Khartum	00	8	04	3	0	1	1	5	37	22	0												168
Kassala	01	8	14	2	1	4	4	3	40	20	0												170
Central Sudan																							
Wad Medani	01	8	00	0	1	5	4	3	39	30	0												17[illegible]
Renk	01	9	16	3	1	4	8	0	41	25	—												182
Roseires	01	7	16	1	1	4	1	5	36	31	0												17[illegible]
El Obeid	02	8	06	3	1	5	2	3	38	17	0												174
El Fasher	02	7	04	3	1	6	2	—	34	19	0												175
Geneina	00	8	20	1	0	1	1	—	36	12	0												179
Kadugli	02	8	28	2	1	5	2	4	38	21	—												[illegible]
South Sudan																							
Malakal	02	8	10	2	1	5	8,4,5	4	39	21	0												[illegible]
Wau																							[illegible]
Juba	01	8	24	3	1	4	8	5	41	25	0												[illegible]

Upper Winds are in the Code HHDDVV where HH is Height 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

[illegible] 13 h.	[illegible] 15 h.	[illegible] 13 h.	Minya 13 h.	Luxor 13 h.	Wadi Halfa 12 h. 15 m.	Kareima 12 h. 30 m.	Khartum 13 h.	Kassala 13 h.	El Obeid 12 h. 45 m.	Malakal 13 h.	[illegible] 12 h.
03 01 05		03 35 15	03 35 30	03 34 25	09 03 30	09 04 35	09 06 25	09 22 10	09 05 15	09 24 05	09 21 05
16 04 05		06 33 15	06 36 30	06 33 20	15 35 40	15 04 40	15 09 10	15 20 10	15 07 20	15 24 05	15 26 10
		09 33 05	09 34 30	09 33 15	21 30 20	21 05 15	21 06 15	21 19 15	21 07 15		21 25 10
			15 36 20	15 27 35	27 19 15	24 19 05	24 03 05	27 18 10	27 07 35		27 23 05
			21 30 20	21 26 35	33 22 —	30 13 05	30 09 05	33 16 10	33 09 25		33 10 15
			30 22 25	30 25 25	39 23 —		39 16 20	39 07 20	39 09 10		39 08 10
			42 23 55								

Station	Humidity 22nd	Diff. from normal	[illegible] 22nd	Diff. from normal
Alexandria	47	-18	10.2	-3.5
Ezbekiya	55	-4	11.8	-1.7
Giza	57	-5	11.3	-2.1
Helwan	51	+6	10.4	-1.6

GIZA — Grass Minimum Temp. on 23rd 4.1°

CAIRO — Water Temp. River Nile on 23rd 18.4 °C

Gauge	Date	Reading m.	Diff. from normal m.	Previous Reading m.	Diff. from normal m.
Juba	23				
Nasser				4.87	-0.16
Malakal		9.74	-0.40	9.76	-0.38
J. Aulia Res.					
J. Aulia D.S.					
Roseires		11.72	+0.35	11.72	+0.35
Sennar Res.				18.20	—
Khartum				10.93	+0.54
Kh. el Girba					
Atbara		10.57	+0.57	10.67	+0.56
Kajbar[illegible]				132.80	+0.65
Aswan Res.		119.44	—	119.42	—
Aswan D.S.		84.97	-0.71	84.97	-0.72
Roda (Cairo)	23	15.56	+0.01	15.58	+0.03

Discharges at Aswan measured [illegible] m³ per sec.	Date	1946	1945
	23-3	868	810
	22-3	868	810

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. 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	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
Mediterranean																		
Salûm												—		—				92
Matrûh	00	9	24	2	0	0	—	23.6	+7.4	13.4	17	-3	8	-3	57	0	88	152
Mariut	01	7	31	2	1	4	8	22	—	16	18	—	10	—	49	0	181	136
Alexandria	01	9	04	2	2	4	4	22.8	+7.2	16.0	20	-2	13	0	50	0	165	178
Damietta	01	8	28	2	1	3	6	21.8	+6.3	15.5	17	—	12	—	70	0	68	99
Port Sa'îd	02	8	04	2	2	5	8	21.5	+6.8	17.2	20	-2	13	-1	56	0	45	70
El 'Arîsh																	31	82
Lower Egypt																		
Damanhûr	02	6	32	3	2	5	8	22.0	+6.2	14.0	20	-4	9	-1	76	0	77	91
Mansûra	01	8	30	1	1	4	0	22.3	+6.6	15.0	20	-4	8	-2	62	0	27	46
Tanta	03	7	00	0	2	8	6	23.1	+6.9	11.5	22	-3	6	-3	87	0	54	34
Zagazig	00	6	20	2	0	0	—	22.2	+6.4	13.6	22	-3	7	-2	67	0	9	24
Shebîn el Kôm	01	8	30	2	0	4	8	22.9	+7.1	15.2	21	—	8	—	62	0	19	—
Middle Egypt																		
Cairo: Almaza	05	6	00	0	0	0	—	22.7	+6.9	14.2	21	—	11	—	61	0	3	—
Cairo: Ezbekîya	05	6	00	0	0	2	4	23.0	+7.1	14.0	21	-4	9	-2	65	0	3	22
Cairo: Gîza	00	6	28	2	0	1	8	23.0	+6.7	12.3	20	-5	6	-3	73	0	15	21
Helwân	05	6	00	0	0	0	—	22.8	+7.0	12.0	20	-5	8	-4	65	0	4	23
Suez	00	9	02	1	0	3	3	22.7	+6.9	16.4	21	-4	9	-4	54	0	—	14
Upper Egypt																		
Faiyûm	00	8	30	2	0	0	—	23.2	+7.1	13.8	20	-6	9	-1	63	0	8	7
Minya	00	9	32	3	0	0	—	22.4	+6.3	13.6	20	-7	8	-2	63	0	dr	—
Asyût	01	7	22	1	1	3	8	22.8	+7.2	13.8	24	-4	9	-2	65	0	0	4
Nag' Hamâdi	00	8	28	1	0	0	—	20.6	+5.6	16.0	23	—	13	—	57	0	1	—
Qena	13	7	24	1	5	8	7	20.6	+6.1	15.8	27	-5	12	-1	73	tr	13	—
Luxor	03	6	28	3	2	8	6	19.6	+4.8	16.4	27	-4	—	—	56	0	0	—
Aswân	02	9	32	5	1	5	6	18.0	+3.8	17.5	28	-4	16	0	32	0	dr	—
Western Desert																		
Sîwa	02	8	32	3	1	7	4	24.7	+7.3	13.0	23	-3	9	0	74	tr	1	7
Baharîya	00	9	00	0	0	0	—	—	—	11.1	20	-6	7	-3	74	0	0	7
Khârga	01	9	32	3	1	5	4	20.8	+5.6	15.2	21	-9	14	+2	55	0	1	—
Dâkhla	00	7	02	1	0	0	—	22.6	+6.8	15.4	22	-7	13	+2	59	0	0	—
Red Sea																		
Tôr	00	7	28	3	0	0	—	19.9	+5.8	18.5	25	0	15	+1	90	0	0	13
Hurghâda	03	—	30	5	2	8	0	—	—	16.0	—	—	—	—	74	0	1	3
Quseir	03	8	32	5	2	8	5	18.2	+4.5	19.4	23	-3	18	+1	60	0	11	4
Port Sûdân	01	8	30	3	2	4	6	14		26					89	0	17	95
North Sûdân																		
Wâdi Halfa	02	8	02	4	6	7	4,5	17		18					32	tr	tr	—
Kareima	18	6	04	5	1	3	4	11		26					17	0	7	1
'Atbara	01	8	23	3	1	4	4	10		24					50	0	2	2
Khartûm	01	8	02	3	1	4	4	9		28					27	0	3	4
Kassala	00	8	22	2	0	0	—	7		30					43	0	31	8
Central Sûdân																		
Wad Medani	00	8	02	3	0	0	—	8		30					29	0	13	12
Renk	00	9	14	3	0	0	—	6		32		—		—	41	—	—	49
Roseires	01	7	12	1	0	4	1	10		29					49	0	82	38
El Obeid	01	8	02	4	1	3	1	9		28					25	c	44	16
El Fâsher								—	—								2	6
Geneina								—	—			—		—			—	4
Kadugli												—		—		—	—	92
South Sûdân																		
Malakâl	02	8	20	1	1	5	4	9		27					55	0	170	92
Wâu	00	8	22	3	0	0	—	7		28					52	0	113	166
Juba	02	8	14	2	0	6	4,2	10		29					31	0	194	183

Upper Winds are in the Code HHDDVV where HH is Height 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 h. m.	Mariut 7 h.	Port Sa'îd 7 h. 15 m.	Helwân 8 h. 30 m.	Minya 7 h.	Asyût h. m.	Luxor 7 h.	Aswân 7 h.	Wâdi Halfa	Abu Hamad 7 h. 15 m.	Kareima 7 h. 45 m.	[illegible] 7 h.
	03 35 15	03 01 05	03 32 10	03 36 30		03 35 30	02 02 30		09 02 50	09 14 25	09 05 15
	06 34 20	06 35 10	05 35 15	06 36 35		06 01 40	05 36 40		15 04 40	15 06 15	21 28 05
	09 34 20	09 35 10	08 35 20	09 32 40		09 03 50	10 01 35		21 01 05	21 23 15	24 24 15
	12 33 15		10 34 20	12 35 55		15 05 50	15 01 30		27 22 25	24 21 30	
	15 38 10		15 35 35	15 35 55		21 03 55			33 24 20	30 22 30	
	18 32 10		20 23 25	18 34 50					39 23 20	39 21 35	
			23 26 45!								

Kassala 6 h. 30 m.	Port Sûdân 7 h. 15 m.	El Obeid 6 h. 45 m.	El Fâsher h. m.	Geneina h. m.	Malakal 7 h. m.
09 14 05	06 04 20	09 04 60			09 22 30
15 11 20		15 04 40			15 19 25
21 03 40		21 05 15			21 19 15
27 06 30		27 06 15			33 15 10
33 02 25		33 08 05			39 15 10
39 03 20		39 19 10			
		51 18 15			
		63 16 —			

Upper Air Temp. — Almâza at 23.30 G.M.T. on 22-23rd

Height feet	P mb.	TT	Td
Surface	1012	52	48
500	994	52	49
1000	976	51	46
1500	958	50	44
2000	941	46	42
4000	874	38	36
6000	811	27	27
8000	752	31	25
10000	696	31	26
12000	644	21	20
14000	595	11	11
15000	548	5	5

CYPRUS SYNOPTIC 8h ON 23rd

34720 08971 28001 21130 70104 00040.
34810 08962 24212 21100 50800 00040.

PRESENT WEATHER 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	[illegible]
Mainly overcast	[illegible]
Sandstorm, Duststorm	3
Fog, thick dust haze	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Snow, sleet	[illegible]
Showers	[illegible]
Thunderstorm	[illegible]

VISIBILITY (V)

Objects not visible at 50 metres … [illegible] … 10 kms.

CLOUD AMOUNT (N)

Clear 0; Trace; 1 Tenth; 2, 3 Tenths; [illegible]; Over [illegible]; Overcast [illegible]; Fog or Dust [illegible]

WIND FORCE (F)

Calm; Almost calm; Very light; Light; Moderate 19-26; Fresh 27-35; Strong 36-44; Very strong 45-54; Gale 55-65; Strong gale 66-77; Whole gale 78-90 10; Storm 91-104 11; Hurricane over 104 12

WIND DIRECTION (DD) is on Scale 00-36 e.g. 09 = East, 18 = South, 27 = West, 36 = North, 00 is Calm

CLOUD FORM (C)

Cirrus	[illegible]
Cirro-stratus	[illegible]
Cirro-cumulus	[illegible]
Alto-cumulus	[illegible]
Alto-stratus	[illegible]
Strato-cumulus	6
Nimbo-stratus	[illegible]
Cumulus	[illegible]
Cumulo-nimbus	[illegible]
Stratus	0

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

DAILY WEATHER REPORT

CAIRO Time of Sunrise h. m. 05 55 — Sunset h. m. 18 08

Month MARCH 1946 — شهر مارس ١٩٤٦

At 14h. on SATURDAY 23rd — الساعة ١٤ يوم السبت ٢٣ ; At 20h. on 23rd — الساعة ٢٠ يوم السبت ٢٣

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	—	22.8	16.5	56	0	00	8	28	3	0	0	—	22.8	14.8	70	0	131
Mariut	01	8	29	3	8	4	8	22	17	42	dr.	00	7	31	1	0	1	6	22	14	55	0	150
Alexandria	01	9	28	3	2	4	8	22.3	17.0	43	0	01	6	32	2	2	3	4	23.0	13.4	69	0	132
Damietta	02	8	28	3	1	6	8,9,6	20.6	16.2	71	0	00	8	28	2	1	2	9	21.0	13.2	82	0	159
Port Saʿîd	01	8	30	2	1	4	6	20.6	19.6	50	0	00	8	30	2	5	2	8	21.2	14.4	67	dr.	134
El ʿArîsh												00	7	20	1	0	0	—	—	15.4	81	0	135
LOWER EGYPT																							
Damanhûr	01	7	28	4	1	3	8	21.4	18.2	41	0	01	6	28	3	1	4	8	21.9	12.4	78	0	136
Mansûra	02	8	02	2	1	5	9	20.8	17.2	50	0	00	6	04	2	1	0	—	21.9	13.0	69	0	137
Tanta	01	8	00	0	1	4	8	20.6	19.5	39	0	00	8	00	0	1	0	—	21.3	11.3	78	0	138
Zagazig	02	6	28	2	1	5	8	21.0	18.8	50	0	00	6	32	2	0	0	—	21.4	13.6	79	0	139
Shebîn el Kôm	01	8	30	4	1	4	8	20.2	18.9	41	0	00	8	30	2	1	0	—	21.4	12.4	74	0	—
MIDDLE EGYPT																							
Cairo Almaza	01	8	02	3	1	4	8,9,6	20.5	18.9	32	0	01	8	02	2	1	3	6	21.9	14.8	60	0	141
Cairo Ezbekîya	01	8	28	2	1	4	8	20.7	19.2	43	0	01	7	28	1	1	4	8	21.8	14.9	72	0	—
Cairo Gîza	01	8	02	3	1	5	8,5	20.7	18.7	41	0	00	6	26	3	1	2	8	21.9	13.4	71	0	—
Helwân	02	8	28	3	2	5	8	20.4	17.8	35	0	00	7	32	4	0	0	—	22.0	15.0	53	0	143
Suez	02	9	32	1	2	5	5	20.6	18.4	41	0	00	8	30	1	0	0	—	21.4	15.0	59	0	144
UPPER EGYPT																							
Faiyûm	01	8	02	3	1	4	8	20.7	18.8	33	0	01	8	02	1	1	4	8	22.4	15.1	47	0	153
Minya	00	9	32	4	0	0	—	19.9	21.2	29	0	01	8	32	3	1	4	8	22.3	16.3	47	0	154
Asyût	00	8	26	2	1	0	—	19.6	21.1	29	0	00	6	30	1	0	0	—	21.2	15.7	49	0	155
Nagʿ Hamâdi	02	8	28	2	2	8	2	17.9	22.0	22	0	01	8	26	1	1	5	2	19.2	17.6	43	0	164
Qena	03	8	18	2	2	8	5	17.6	23.5	32	0	02	7	22	3	3	5	8	18.0	18.4	36	0	156
Luxor	03	7	30	4	2	8	6	18.6	22.5	30	0	00	6	32	1	0	0	—	19.0	18.4	50	0	157
Aswân	02	9	32	5	1	5	6	17.2	20.4	23	0	21	9	32	2	5	5	6	18.6	16.0	41	dr.	158
WESTERN DESERT																							
Sîwa	02	7	24	4	1	6	4	23.9	18.5	58	0	00		28	3	0	0	—	23.6	17.0	52	0	148
Baharîya	01	9	32	1	1	4		22.4	19.5	30	0	00		00	0	0	0	—	—	—	71	0	149
Khârga	02	9	32	3	5	6	5	19.9	21.2	31	dr.	01		30	2	1	3	4	21.7	20.0	31	0	151
Dâkhla	00	8	28	4	0	0	—	20.2	21.6	40	0	00	6	04	1	0	0	—	23.1	16.2	49	0	152
RED SEA																							
Tôr	00	7	28	5	0	0	—	17.6	20.1	73	0	00	7	28	4	0	0	—	17.0	20.5	91	0	145
Hurghâda	02		30	2	2	7	0	17.7	20.8	62	0	02	6	30	5	2	6	0	17.0	19.4	68	0	146
Quseir	03	8	32	6	2	8	5	17.8	19.6	58	0	01	8	32	4	2	4	5	17.2	20.0	55	0	147
Port Sûdân	03	8	32	4	2	8	6	12	27	79													197
NORTH SÛDÂN																							
Wâdi Halfa	18	5	32	5	1	7	4,5	16	24	26													165
Kareima	01	7	04	4	1	4	4	9	34	12													166
ʿAtbara	00	8	32	3	1	3	1	6	35	27													167
Khartûm	00	8	24	1	0	1	4	4	39	23													169
Kassala	01	8	10	1	0	4	8	2	42	16													170
CENTRAL SÛDÂN																							
Wad Medani	01	8	32	2	0	4	8	1	40	17													171
Renk	00	8	16	3	0	0	—	1	40	28													182
Roseires	02	8	12	1	1	7	2	3	41	22													172
El Obeid	01	9	04	3	0	4	8,1	4	38	15													174
El Fâsher	05	7	30	3	1	7	2	—	34	16													175
Geneina	18	6	04	4	1	5	4	—	33	10													179
Kadugli	02	8	04	2	1	6	4	4	39	23													187
S. SÛDÂN																							
Malakâl	02	8	12	2	1	5	8,4,2	3	39	21													176
Wâu																							177
Juba	02	8	16	2	1	6	8,2	4	39	26													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.	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												—		—				93
Matrûh	02	9	28	4	1	6	4	22.3	+6.1	15.3	17	-4	10	-1	68	0	88	153
Mariut	00	8	26	2	2	2	8,4,5	22		16	19	—	12	—	49	dr.	181	136
Alexandria	01	9	28	2	2	4	8	22.2	+6.7	15.6	19	-3	13	0	56	0	165	179
Damietta	01	7	20	3	1	4	9,4,8	21.9	+6.5	12.8	18	—	9	—	80	0	68	99
Port Saʿîd	01	8	28	3	1	4	6	21.6	+7.0	15.0	21	-1	12	-2	65	dr.	45	70
El ʿArîsh	00	7	30	1	0	0	—	—	—	14.3	20	-2	9	-2	71	0	51	82
LOWER EGYPT																		
Damanhûr	01	6	28	3	5	3	8	21.8	+6.1	13.3	20	-4	9	-1	82	1	78	91
Manṣûra	50	6	30	2	5	8	9	22.6	+6.9	11.0	20	-4	8	-2	85	dr.	27	47
Ṭanṭa	20	7	00	0	6	7	7	23.4	+7.3	12	21	-4	6	-3	83	1	55	34
Zagazig	01	6	28	3	1	5	8	23.0	+7.3	12.8	20	-5	8	-1	77	0	9	24
Shebîn el Kôm	01	8	22	2	1	4	6	21.6	+5.9	13.2	22	—	8	—	72	0	19	—
MIDDLE EGYPT																		
Cairo Almaza	01	7	26	2	0	4	8	21.9	+6.1	12.8	20	—	7	—	66	0	3	—
Cairo Ezbekîya	09	6	26	1	1	5	6	23.0	+7.2	12.4	21	-5	9	-2	74	0	3	22
Cairo Gîza	01	7	26	2	1	5	8	23.5	+7.3	12.3	19	-6	6	-3	78	0	15	21
Ḥelwân	05	5	00	0	1	4	8	23.6	+7.9	11.2	19	-6	8	-4	74	0	4	23
Suez	01	9	30	1	1	4	6	21.2	+5.5	14.2	22	-3	8	-5	62	0	—	14
UPPER EGYPT																		
Faiyûm	00	7	30	1	1	2	4	23.6	+7.6	13.2	20	-6	9	-1	67	0	8	7
Minya	00	9	32	2	0	0	—	23.6	+7.6	13.0	21	-6	9	-2	65	0	dr.	—
Asyûṭ	00	7	22	1	0	0	—				21	-7	7	-4	67	0	0	4
Nagʿ Hamâdi	00	8	28	1	0	0	—	21.4	+6.5	14.3	23	—	7	—	61	0	1	—
Qena	01	7	23	3	1	4	2	21.4	+7.0	14.6	24	-8	8	-5	52	0	13	—
Luxor	00	7	28	2	0	0	—	21.5	+6.8	17.8	23	-8	10	-1	39	0	0	—
Aswân	02	9	32	4	1	5	6	21.1	+7.0	16.0	22	-10	14	-2	29	dr.	dr.	
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	—	25.6	+8.3	11.5	20	-6	6	-3	76	0	1	7
Baḥarîya	00	9	00	0	0	0	—	—	—	12.0	21	-6	8	-2	76	0	0	7
Khârga	00	4	30	2	0	0	—	—	—	13.6	22	-8	11	-1	52	dr	1	—
Dâkhla	00	7	28	3	0	0	—	24.2	+8.5	15.3	22	-8	9	-2	58	0	0	—
RED SEA																		
Ṭôr	00	7	28	5	0	0	—	19.9	+5.9	17.3	21	-4	14	0	70	0	0	13
Hurghâda	01	8	30	5	0	3	0	19.9	+5.9	17.4	22	-4	12	-1	69	0	1	3
Quseir	02	8	30	5	1	5	5	18.7	+5.1	17.3	22	-4	16	-1	50	0	11	4
Port Sûdân	02	8	30	3	1	8	6,5	15		23					78	0	17	95
NORTH SÛDÂN																		
Wâdi Ḥalfa	02	8	32	3	1	6	4,5	22		16					36	0	tr.	—
Kareima	61	7	02	4	6	6	4,5	18		19					32	tr.	7	1
ʿAṭbara	18	6	32	5	1	8	4,5	13		22					38	0	2	2
Khartûm	05	5	29	4	2	8	4	13		22					25	0	3	4
Kassala	02	8	26	1	1	5	4,5	8		31					43	0	31	8
CENTRAL SÛDÂN																		
Wad Medani	05	5	32	2	1	7	4	13		24					38	0	13	12
Renk	00	9	30	4	0	0	—	9		28		—		—	29	—	—	49
Roseires	02	7	04	1	1	8	8	12		29					49	0	82	38
El Obeid	05	5	30	5	3	7	2	14		22					25	0	44	16
El Fâsher	05	6	32	5	1	7	4,2	—	—	20					26	0	2	6
Geneina	18	6	02	5	3	5	2	—	—	19		—		—	21	—	—	4
Kadugli	05	5	04	4	1	5	4	11		27		—		—	17	—	—	92
S. SÛDÂN																		
Malakâl	25	8	04	2	8	7	4,5	11		26					34	tr.	170	92
Wâu	00	8	32	2	8	0	—	9		29					33	tr.	113	167
Juba	00	8	00	0	0	0	—	9		28					52	0	194	184

PRESENT WEATHER 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 ... Trace ... 1 Tenth ... 2, 3 Tenths ... 4, 5, 6 Tenths ... 7, 8 Tenths ... 9 Tenths ... Overcast ... Sky obscured ... Fog or Dust

CLOUD FORM (C)

- Cirrus
- Cirro-stratus
- Cirro-cumulus
- Alto-stratus
- Alto-cumulus
- Strato-cumulus
- Nimbo-stratus
- Cumulus
- Cumulo-nimbus
- Stratus 0

WIND FORCE (F)

- Calm
- Almost calm
- Very light
- Light
- Moderate
- Fresh
- Strong
- Very strong
- Gale
- Strong gale
- Whole gale
- Storm 91-104
- Hurricane ... 104

WIND DIRECTION (DD)

on Scale 0 – 32, e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

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 Saʿîd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13h.	13h. 15m.	12h. 30m.		12h. 45m.				12h. 45m.	13h.	12h. 45m.	13h.	13h.	13h.
03 33 30	03 33 15	03 34 20		03 33 30				09 03 50	09 04 15	09 10 10	09 02 30	09 17 15	09 19 10
06 32 15	06 32 20	06 34 20		06 33 35				15 03 45	15 07 20	15 10 05	15 03 35	15 17 15	15 15 15
09 30 15	09 32 30	09 32 20		09 33 40				18 03 25	21 13 05	21 13 05	21 03 30	21 19 20	21 13 15
12 28 15	12 31 15	12 31 30		12 32 25					24 21 05	24 08 05	27 06 10		27 13 20
15 27 10		15 28 15		15 30 20					30 25 15	33 18 05	33 14 15		33 11 20
	Ent. Cs.	18 29 20		18 30 60									39 10 30
		21 28 30		21 31 55									
		24 27 30		24 32 30									
		27 29 20		27 28 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	Mariut	Port Saʿîd	Helwân	Minya	Asyûṭ	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7h.	7h.	6h. 30m.	9h.	7h. 15m.		7h.	7h.	7h. 15m.		6h. 45m.	7h.
03 31 45	03 30 30	03 27 25	02 31 10	03 01 15		03 34 20	02 36 25	09 36 55		09 01	09 36 65
06 32 45	06 30 20	06 27 25	05 30 25	06 34 20		06 34 30	05 35 55	15 34 35		15 36 20	
09 32 45	09 32 25	09 27 25	08 30 25	09 33 30		09 33 55	10 35 95	21 28 40		21 31 15	
12 31 50	15 32 30	15 29 15	10 31 20	15 32 —		15 33 60	15 35 90	27 24 40			
15 31 45	21 29 25	21 29 15	15 30 25			21 28 40	20 01 55	33 24 35			
18 30 35		30 28 20	20 33 25			30 23 50		39 23 60?			
21 31 35		45 27 40	23 32 20								
24 32 40											

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7h. 45m.	7h.	7h.	7h.	7h.	7h.
09 05 15	09 01 15	09 36 55	09 01 40	09 05 45	09 35 25
15 01 20		15 02 70	15 03 45	15 06 60	15 35 20
21 36 15				21 05 20	21 01 45
27 01 20					27 02 40
33 03 30				33 31 15	
39 05 20				39 32 15	

UPPER AIR TEMP. ALMAZA at 24h G.M.T. on 23rd

Height Feet	P P P m.b.	T T	
Surface	1012.5	52	47
500	993.8	52	48
1000	976	51	46
1500	958	48	44
2000	941	45	42
4000	874	37	35
6000	811	31	25
8000	751.7	27	23
10000	696	12	20
12000	643.7	14	13
14000	594.6	5	8
16000	548.8	0	-1

CYPRUS SYNOPTIC 9h ON 24th

34206 00990 00000 19130 70003 00050
34854 01961 24213 19110 70301

REMARKS

Hours ... are ... Greenwich mean time

Mean of day

Station	Humidity % 23rd	Diff. from normal	Wet Bulb Temp °C 23rd	Diff. from normal
Alexandria	56	-9	10.9	-2.8
Ezbekiya	63	+4	12.0	-1.5
Giza	68	+7	10.9	-2.6
Helwan	53	+8	10.1	-2.0

GIZA — Minimum grass temp. on 24th 3.3°

CAIRO — Water temp. River Nile at 9h. 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	24			12.50	-0.76
Nâsser				4.85	-0.18
Malakâl		9.73	-0.40	9.74	-0.40
J. Aulia Res.					
J. Aulia D.S.					
Roṣeires		11.68	+0.31	11.72	+0.35
Sennar Res.				18.08	
Khartûm		10.63	+0.44	10.72	+0.53
Kh. el Girba					
ʿAtbara		10.57	+0.56	10.57	+0.57
Kajnarti		132.74	+0.63	132.78	+0.65
Aswân Res.		119.44		119.44	
Aswân D.S.				84.92	-0.71
Roda (Cairo)		15.58	+0.03	15.56	+0.01

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	24.3	868	810
	23.3	868	810

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

CAIRO
Time of Sunrise h. 05 m. 53
Sunset h. 18 m. 09

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *MARCH* 1946 — شهر مارس ١٩٤٦

At 14h. on SUNDAY 24th (الساعة ١٤ يوم ٢٤) — At 20h. on 24th (الساعة ٢٠ يوم الأحد 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 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
MATRUH	00	9	28	4	0	0	—	22.3	17.3	68	0	00	9	28	3	0	0	—	22.6	15.4	58	0	131
MARIUT	25	8	28	3	8	4	6,8	21	18	52	dr.	00	7	29	1	0	2	8	22	15	59	0	150
ALEXANDRIA	01	9	28	3	5	4	8	20.2	17.0	57	tr.	01	6	28	2	2	3	8	22.7	15.0	62	0	132
DAMIETTA	00	8	28	3	1	3	9	20.2	17.1	61	0	01	8	28	2	1	3	9	21.0	15.0	73	0	159
PORT SA'ÎD	01	8	28	3	1	4	8	20.4	19.2	64	0	00	8	30	2	0	3	8	21.4	14.1	75	0	134
EL 'ARÎSH												00	7	00	0	0	0	—	20.1	16.2	69	0	135
LOWER EGYPT																							
DAMANHÛR	02	6	28	3	6	6	9	21.2	15.2	69	3	01	6	28	3	1	3	8	21.2	12.6	82	0	136
MANSÛRA	01	8	30	2	1	4	8	20.6	18.3	51	dr.	00	6	02	1	1	0	—	21.6	13.4	75	0	137
TANTA	60	6	24	4	6	8	7	21.2	13.0	89	1	00	8	28	2	6	0	—	22.6	11.0	87	3	138
ZAGAZIG	21	6	32	2	5	5	8	20.8	14.2	75	dr.	00	6	28	2	0	0	—	22.2	12.2	82	0	139
SHEBÎN EL KÔM	01	8	22	4	2	4	6	20.7	17.6	55	0	00	8	22	2	1	1	6	21.4	13.7	72	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	02	7	32	4	1	5	8	20.8	17.2	46	dr.	00	7	00	0	0	0	—	22	14	55	dr.	141
CAIRO EZBEKÎYA	02	7	30	4	5	6	8	20.7	19.1	45	dr.	00	7	30	2	8	2	6	22.2	13.9	75	dr.	—
CAIRO GÎZA	02	8	28	3	1	5	8	20.4	18.4	44	0	00	6	02	1	5	0	—	21.9	12.8	78	dr.	—
HELWÂN	02	8	28	3	2	6	8	20.7	17.8	31	0	00	7	32	3	5	0	—	22.3	13.7	59	dr.	143
SUEZ	01	9	30	3	1	5	8	20.2	19.0	32	0	00	8	30	2	0	0	—	22.0	14.3	59	0	144
UPPER EGYPT																							
FAIYÛM	02	8	30	5	2	6	6	21.0	18.6	37	0	00	8	30	1	1	0	—	22.4	13.3	66	0	153
MINYA	01	8	32	4	1	4	8	21.9	20.4	24	0												154
ASYÛT	00	7	28	1	0	0	—	21.1	20.0	29	0	00	6	26	1	0	0	—	21.9	14.5	53	0	155
NAG' HAMÂDI	00	8	26	3	0	0	—	19.1	21.0	28	0	00	8	24	1	0	0	—	20.8	16.0	35	0	164
QENA	00	8	26	3	1	3	1	18.5	23.0	25	0	00	6	26	3	0	0	—	21.4	16.4	38	0	156
LUXOR	00	7	30	5	0	0	—	19.4	22.8	25	0	00	6	28	1	0	0	—	20.7	17.2	41	0	157
ASWÂN	01	9	30	3	1	4	4	18.7	22.0	14	0	00	9	32	4	0	0	—	21.0	18.0	20	0	158
WESTERN DESERT																							
SÎWA	00	8	24	2	0	0	—	24.7	20.0	64	0	00	—	24	2	0	0	—	23.8	16.5	59	0	148
BAHARÎYA																							149
KHÂRGA	00	9	30	2	0	3	4	21.5	21.5	31	0	00	—	02	2	0	0	—	21.1	18.0	34	0	151
DAKHLA	00	8	28	5	0	0	—	22.7	20.0	47	0	00	6	28	3	0	0	—	23.1	17.4	46	0	152
RED SEA																							
TÔR	00	7	28	6	0	0	—	19.1	18.9	72	0	00	7	28	6	0	0	—	19.9	20.5	79	0	145
HURGHÂDA	00	9	30	6	0	0	—	19.9	20.2	74	0	00	4	30	6	0	0	—	18.4	19.3	61	0	146
QUSEIR	01	8	32	4	1	3	5	16.8	22.0	40	0	00	8	30	3	0	0	—	17.5	19.0	50	0	147
PORT SÛDÂN	03	8	32	3	1	8	6	14	24	74													168
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA																							166
'ATBARA	18	5	28	5	1	8	4,5	13	26	28													167
KHARTÛM	18	4	30	4	3	5	4	13	29	19													169
KASSALA	18	4	26	6	3	3	4	6	33	36													170
CENTRAL SÛDÂN																							
WAD MEDANI	05	5	30	5	4	5	4	9	33	26													171
RENK	00	9	32	3	0	0	—	—	36	20													182
ROSEIRES	00	8	04	1	1	0	—	7	38	25													172
EL OBEID	18	6	32	5	1	7	4,2	11	31	52													174
EL FÂSHER	05	7	32	4	1	5	2	—	29	22													175
GENEINA	18	6	02	5	3	0	—	—	28	13													179
KADUGLI	05	5	04	3	1	6	4	10	30	18													187
S. SÛDÂN																							
MALAKÂL	05	4	32	3	1	8	4,5	8	33	23													176
WÂU																							177
JUBA	00	8	28	2	0	1	8	3	41	19													178

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.	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												—		—				93
MATRÛH	03	9	243	3	2	8	5	22.6	+6.5	13.8	18	−3	11	0	63	0	98	153
MARIUT	01	8	26	3	1	5	6	22		17	18	—	13	—	52	dr.	181	136
ALEXANDRIA	02	8	28	3	2	6	6	22.8	+7.3	16.6	19	−3	13	0	57	tr.	165	179
DAMIETTA	01	7	20	2	1	3	8	22.6	+7.3	14.8	18	—	8	—	80	0	68	99
PORT SA'ÎD	01	8	20	2	2	5	6	22.8	+8.3	14.2	20	−2	12	−2	78	0	45	71
EL 'ARÎSH	02	7	30	1	1	6	4	—	—	17.4	20	−2	10	−1	72	0	51	82
LOWER EGYPT																		
DAMANHÛR	02	6	28	3	2	5	8	22.8	+7.2	14.0	17	−7	9	−1	90	3	81	92
MANSÛRA	01	8	02	1	1	4	0	22.6	+6.9	12.4	20	−4	7	−3	77	dr.	27	47
TANTA	00	8	00	0	0	0	—	23.9	+7.9	13.3	20	−5	7	−2	86	4	67	34
ZAGAZIG	02	6	20	3	1	5	8	23.0	+7.3	12.6	20	−5	8	−1	82	dr.	9	24
SHEBÎN EL KÔM	00	8	22	2	0	~	8	22.4	+6.8	13.2	21	—	9	—	82	0	19	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	20	2	0	5	6	23.6	+7.8	14.0	19	—	9	—	63	dr.	3	—
CAIRO EZBEKÎYA	05	6	00	0	1	5	6	23.6	+7.8	12.9	20	−6	9	−2	75	dr.	3	22
CAIRO GÎZA	04	5	14	2	1	5	8,5	24.0	+7.8	12.4	20	−5	6	−3	78	dr.	15	21
HELWÂN	05	5	00	0	0	3	4	24.3	+8.7	12.0	18	−7	8	−4	72	dr.	4	23
SUEZ	01	9	02	1	1	4	8	24.4	+8.7	17.1	20	−5	8	−5	49	0	—	14
UPPER EGYPT																		
FAIYÛM	01	7	18	1	1	3	6	24.3	+8.3	12.7	19	−7	8	−3	68	0	8	7
MINYA	00	9	18	1	0	0	—	24.3	+8.4	14.5	20	−7	8	−3	60	dr.	dr.	—
ASYÛT	00	7	20	1	0	0	—	24.3	+8.9	16.0	24	4	7	−4	50	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	24.0	+9.2	15.8	21	—	6	—	58	0	1	—
QENA	00	7	22	2	0	0	—	22.4	+8.0	14.6	25	−7	7	−6	59	0	13	—
LUXOR	00	7	28	2	0	0	—	23.6	+9.0	17.4	23	~~−8~~	7	~~−5~~	49	0	0	—
ASWÂN	00	9	28	2	0	0	—	23.5	+9.5	14.2	23	−9	10	−6	56	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	24.0	+6.8	12.0	22	−4	5	−4	76	0	1	7
BAHARÎYA	00	9	00	0	0	0	—	24.8	+8.4	11.0	23	−4	7	−3	75	0	0	7
KHÂRGA	00	9	12	1	0	0	—	24.4	+4.4	12.6	23	−7	8	−4	58	0	1	—
DÂKHLA	00	7	28	2	0	0	—	25.8	+10.2	14.3	21	−9	8	−3	62	0	0	—
RED SEA																		
TÔR	00	7	28	5	0	0	—	22.3	+8.3	16.1	20	−5	12	−2	70	0	0	13
HURGHÂDA	00	9	28	5	0	0	—	21.0	+7.1	16.7	22	−4	11	−3	62	0	1	3
QUSEIR	00	8	26	3	0	0	—	21.0	+7.5	17.6	23	−3	14	−3	24?	0	11	4
PORT SÛDÂN	02	8	28	2	1	6	4,5	19		22					44	0	17	95
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	3	9	0	—	24		14					39	0	tr.	—
KAREIMA	00	8	02	5	1	3	4	21		12					31	0	7	1
'ATBARA	02	7	32	5	1	8	4,5	19		17					28	0	2	2
KHARTÛM	05	7	30	4	2	5	4,2	19		19					28	0	3	4
KASSALA	05	7	30	2	1	6	4,5	16		22					44	0	31	8
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	02	5	1	7	4	18		19					28	0	13	12
RENK	00	9	32	3	0	0	—	14		23		—		—	34	—	—	49
ROSEIRES	05	4	04	2	1	8	8	—		22					38	0	82	38
EL OBEID	18	6	32	6	1	5	4,2	18		19					28	0	44	16
EL FÂSHER	01	7	30	2	1	5	4	—	—	17					28	0	2	6
GENEINA	01	7	02	5	0	4	4	—	—	17		—		—	14	—	—	4
KADUGLI	01	6	04	4	1	4	/	16		22		—		—	13	—	—	92
S. SÛDÂN																		
MALAKÂL	05	4	32	6	0	0	—	13		24					19	0	170	92
WÂU																0	113	168
JUBA	05	6	30	2	0	0	—	12		29					31	0	194	185

Upper Winds

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
12 h. 45 m.	13 h. 15 m.	12 h. 30 m.	h. m.	12 h. 45 m.	13 h. m.	h. m.	h. m.	h. m.	13 h. 30 m.	h. m.	h. m.	h. m.	h. m.
03 34 35	03 29 45	03 30 05		06 33 35	03 32 35				09 34 25				
06 33 40	06 28 30	06 30 20		09 33 25	06 33 30								
09 33 50	09 31 20	09 28 20		12 33 30	09 32 35								
12 33 55	12 35 10	12 29 20		15 32 40	15 33 45								
15 32 65		15 31 20		18 32 40	21 32 20								
		18 31 20			27 30 30								
		21 30 30			30 28 35								

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. m.	7 h. m.	7 h. m.	9 h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	7 h. 30 m.
03 29 30	03 29 30	03 28 20	02 17 10			03 32 10	02 36 10	09 01 30	09 35 40	09 01 65	09 01 45
06 31 35	06 29 30	06 30 20	05 30 05			06 34 20	05 35 25	15 01 50	15 35 45	15 02 65	15 02 65
09 31 35	09 25 15	12 32 25	08 32 15			09 36 40	10 36 40	21 03 35	21 36 45	21 36 40	
12 30 35	12 26 15	15 34 15	10 24 20			15 35 40	15 36 35	27 02 55	27 02 35	24 34 15	
	15 31 15	21 35 15	15 24 30			21 36 40	20 36 10	33 01 55	33 01 30	30 22 30	
		27 32 30	20 24 20			30 34 30		39 33 34	36 35 35		
		30 32 35	23 33 35								
		33 32 40	25 34 30								
		36 33 40	30 32 35								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	h. m.	h. m.	8 h. 15 m.	7 h. m.	h. m.
09 31 15			09 34 15	09 06 50	
15 35 10			15 02 20	15 07 45	
21 01 20			21 01 25	21 17 05	
27 09 15			27 05 30		
33 08 15					
39 07 15					

UPPER AIR TEMP.

ALMÂZA 1 AT 24 G.M.T. ON 24th

HEIGHT FEET	P.P.P. m b.	T T		
Surface	1012.6	51	49
500	994	54	48
1000	976	53	47
1500	958	50	44
2000	941	48	42
4000	874	40	35
6000	811	37	27
8000	752	39	30
10000	696	33	27
12000	644	26	23
14000	595	18	16
16000	548	12	10

CYPRUS SYNOPTIC 5h. ON 25th.

34700 00990 16300 18150 90305 00080
34910 00861 00001 18130 71302 00070

Remarks

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

Station	Humidity % on 24th	Diff from normal	Wet Bulb Temp. °C on 24th	Diff from normal
Alexandria	56	−9	11.6	−2.2
Ezbekiya	69	+10	11.6	−2.0
Giza	74	+13	11.1	−2.4
Helwân	60	+15	9.8	−2.4

(Mean of day)

GÎZA — GRASS MINIMUM TEMP. ON 25th 3.7°C

CAIRO — WATER TEMP. RIVER NILE AT 8h ON 25th 17.9°C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
DATE 25th	868	810
24th	868	810

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25th				
Nâsser				4.86	−0.18
Malakâl		9.73	−0.40	9.73	−0.40
J. Aulia Res.					
J. Aulia D.S					
Roseires		11.67	+0.31	11.68	+0.31
Sennar Res.				17.96	
Khartûm				10.63	+0.44
Kh. el Girba					
'Atbara		10.57	+0.59	10.57	+0.58
Kajnarti				132.74	+0.63
Aswân Res.		119.48		119.44	
Aswân D.S		84.96	−0.70	84.97	−0.70
Roda (Cairo)		15.58	+0.04	15.58	+0.03

PRESENT WEATHER 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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ANNUAL SUBSCRIPTION P.T. 150

CAIRO Time of Sunrise h. m. 05 52 — Sunset 18 10

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MARCH 1946 — شهر مارس ١٩٤٦

At 14h. on MONDAY 25th (الساعة ١٤ يوم الاثنين ٢٥) and At 20h. on 25th (الساعة ٢٠ يوم الاثنين 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																							
SALŪM																							130
MATRŪH	00	9	30	3	0	0	—	22.2	17.3	66	0	00	8	00	0	0	0	—	23.0	14.8	54	0	131
MARIUT	01	8	25	3	1	3	6,4	23	20	43	0	00	7	00	0	0	0	—	22	13	77	0	150
ALEXANDRIA	01	9	28	3	2	3	8	22.6	18.6	51	0	00	6	32	1	0	0	—	22.7	15.0	66	0	132
DAMIETTA	01	8	28	2	1	4	8	22.2	17.9	72	0	00	7	28	1	1	0	—	22.2	13.5	91	0	159
PORT SAĪD	02	8	28	3	2	5	8	22.6	20.5	71	0	00	8	30	2	0	2	8	22.4	15.2	80	0	134
EL ARĪSH	00	7	30	1	0	0	—		18.7	61	0	00	7	20	1	0	0	—		14.5	73	0	135
LOWER EGYPT																							
DAMANHŪR	01	7	28	3	2	5	8	22.2	19.4	61	0	01	6	28	3	1	3	8	22.8	10.6	78	0	136
MANSŪRA	01	8	30	2	1	4	9	22.7	20.0	53	0	00	6	02	1	1	0	—	22.0	14.6	75	0	137
TANTA	01	8	00	0	1	4	8	22.6	20.7	47	0	00	6	00	0	1	0	—	22.4	14.5	84	0	138
ZAGAZIG	02	6	20	2	1	5	8	22.8	21.2	54	0	00	6	16	2	0	0	—	22.8	16.4	65	0	139
SHEBĪN EL KŌM	01	8	28	3	1	3	8	22.2	22.0	39	0	00	8	30	2	0	0	—	22.4	15.6	74	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	7	26	1	1	5	6,8	22.4	19.6	42	0	00	7	00	0	0	0	—	21.8	18.0	43	0	141
CAIRO EZBEKĪYA	02	8	26	1	1	6	8,6	22.7	21.4	45	0	00	7	00	0	0	0	—	22.0	15.8	67	0	—
CAIRO GĪZA	02	7	26	2	1	5	8	22.8	21.9	47	0	00	6	02	1	0	0	—	21.9	14.4	78	0	—
HELWĀN	02	8	26	2	2	5	8	22.7	18.7	43	0	00	7	00	0	0	0	—	22.4	16.9	47	0	143
SUEZ	00	9	04	2	0	3	3	22.8	19.7	37	0	00	8	00	0	0	0	—	22.3	16.1	62	0	144
UPPER EGYPT																							
FAIYŪM	01	8	30	2	1	4	8	23.0	20.3	42	0	00	8	30	1	0	0	—	22.3	15.9	65	0	153
MINYA	00	8	32	2	1	2	8	23.2	20.7	43	0	00	9	32	2	1	0	—	22.7	17.9	49	0	154
ASYŪT	00	7	28	1	0	0	—	22.7	21.1	34	0	00	6	28	1	0	0	—	22.3	16.6	58	0	155
NAG HAMĀDI	00	8	24	3	0	0	—	21.4	22.5	33	0	00	8	00	0	0	0	—	21.9	15.9	62	0	164
QENA	00	9	22	2	0	0	—	20.4	25.3	22	0	00	6	22	3	0	0	—	21.0	17.2	54	0	156
LUXOR	00	7	30	3	0	0	—	21.2	25.0	25	0	00	6	28	1	0	0	—	20.7	19.2	53	0	157
ASWĀN	00	9	32	4	0	0	—	20.8	22.0	16	0	00	9	32	2	0	0	—	20.3	18.5	20	0	158
WESTERN DESERT																							
SĪWA	00	8	28	4	0	0	—	23.6	23.0	52	0	00		00	0	0	0	—	22.6	15.6	62	0	148
BAHARĪYA	00	9	00	0	0	0	—		21.0	41	0	00		00	0	0	0	—	—	12.5?	71	0	149
KHĀRGA	00	9	32	2	0	0	—	22.6	22.3	34	0	00		02	2	0	0	—	22.4	20.0	36	0	151
DAKHLA	00	8	28	3	0	0	—	22.0	22.0	40	0	00	6	00	0	0	0	—	23.4	17.8	44	0	152
RED SEA																							
TŌR	00	7	28	5	0	0	—	21.5	19.5	46	0	00	7	28	3	0	0	—	21.2	16.5	42	0	145
HURGHADA	00	9	02	4	0	0	—	20.3	20.6	23	0	00	9	30	3	0	0	—	20.0	19.7	55	0	146
QUSEIR	00	8	32	2	0	0	—	21.4	21.2	57	0	00	8	32	2	0	0	—	21.1	19.8	54	0	147
PORT SŪDĀN	01	8	02	4	1	3	4	17	26	51		00	8	28	2	0	1	4	18	22	61		169
NORTH SŪDĀN																							
WĀDI HALFA	00	8	02	4	0	0	—	21	23	26		00	8	02	2	0	0	—	20	20	35		165
KAREIMA	00	8	04	4	0	0	—	17.	26	02		00	8	02	3	0	0	—	17	22	10		166
ATBARA	00	7	32	4	1	3	4	14	27	08		00	8	32	3	0	0	—	15	22	13		167
KHARTŪM	05	6	32	5	2	4	1	14	27	19		01	7	22	4	1	2	4	15	24	22		169
KASSALA	02	8	30	3	1	5	4,3	11	28	45		22	8	02	3	6	7	6,4,5	12	24	47		170
CENTRAL SŪDĀN																							
WAD MEDANI	02	8	02	4	1	6	8	13	27	13													171
RENK	00	9	30	3	0	0	—		32	28													182
ROSEIRES	01	7	04	3	4	4	1	6	32	26													172
EL OBEID	18	6	02	5	1	7		13	27														174
EL FĀSHER	01	7	02	4	1	4	4	-	27	25													175
GENEINA	00	8	04	4	0	1	4	—	28	10													179
KADUGLI	00	7	04	4	0	0	—	11	31	08													187
S. SŪDĀN																							
MALAKĀL	05	6	02	5	0	3	4	9	33	19													176
WĀU	05	5	32	3	0	0	—	9	33	19													177
JUBA	05	5	30	3	0	0	—	6	37	24													178

At 8h. on TUESDAY 26th (الساعة ٨ يوم الثلاثاء 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 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																		
SALŪM												—		—				93
MATRŪH	00	9	00	0	0	0	—	20.7	+4.7	14.5	18	-3	9	-2	66	0	88	154
MARIUT	00	7	17	2	0	0	—	22		15	19	—	8	—	68	0	181	136
ALEXANDRIA																		179
DAMIETTA	00	8	18	3	0	0	—	21.8	+6.5	17.9	20	—	7	—	72	0	68	100
PORT SAĪD	00	8	16	1	0	0	—	21.8	+7.3	17.2	21	-1	13	-1	64	0	45	71
EL ARĪSH	02	7	30	1	1	6				16.3	19	-3	9	-2	79	0	51	83
LOWER EGYPT																		
DAMANHŪR	00	6	20	3	0	0	—	21.2	+5.6	15.0	21	-3	10	-1	81	0	81	92
MANSŪRA	00	8	08	1	0	0	—	21.8	+6.2	17.0	22	-2	9	-1	67	0	27	47
TANTA	00	8	00	0	0	0	—	21.6	+5.7	13.8	22	-3	7	-2	78	0	59	34
ZAGAZIG	00	6	21	2	0	0	—	21.9	+6.3	16.1	22	-3	10	0	58	0	9	24
SHEBĪN EL KŌM	00	8	12	1	0	0	—	21.8		15.2	23	—	7	—	69	0	19	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	18	2	0	0	—	21.4	+5.7	18.9	22	—	11	—	37	0	3	—
CAIRO EZBEKĪYA	05	6	14	2	0	0	—	21.6	+5.9	14.8	22	-4	10	-1	63	0	3	22
CAIRO GĪZA	09	6	18	2	0	0	—	21.9	+5.8	14.7	22	-4	7	-2	67	0	15	21
HELWĀN	00	6	00	0	0	0	—	21.9	+6.3	16.9	22	-3	11	-1	51	0	4	24
SUEZ	00	9	00	0	0	0	—	22.2	+6.6	16.8	21	-4	10	-3	57	0	—	14
UPPER EGYPT																		
FAIYŪM	00	8	18	2	0	0	—	22.2	+6.3	16.1	22	-5	9	-2	58	0	8	7
MINYA	00	9	24	2	0	0	—	22.6	+6.8	18.6	21	-6	10	-1	59	0	dr.	—
ASYŪT	00	7	08	1	0	0	—	22.6	+7.3	16.0	24	-4	8	-4	55	0	0	4
NAG HAMĀDI	00	8	00	0	0	0	—	22.0	+7.7	18.9	23	—	7	—	47	0	1	—
QENA	00	7	22	2	0	0	—	22.2	+7.9	16.6	29	-3	9	-4	55	0	13	—
LUXOR	00	7	10	2	0	0	—	22.2	+7.7	16.0	27	-4	8	-4	50	0	0	—
ASWĀN	00	9	02	1	0	0	—	21.2	+7.2	16.0	24	-8	10	-6	29	0	dr.	
WESTERN DESERT																		
SĪWA	00	7	00	0	0	0	—	21.9	+4.8	14.0	24	-2	5	-4	57	0	1	7
BAHARĪYA	00	9	00	0	0	0	—	23.2	+6.8	14.0	22	-5	9	-1	73	0	0	7
KHĀRGA	00	9	32	1	0	0	—	22.3	+7.3	13.1	23	-7	9	-4	62	0	1	—
DĀKHLA	00	7	00	0	0	0	—	23.5	+8.0	15.4	22	-8	8	-3	57	0	0	—
RED SEA																		
TŌR	00	7	04	3	0	0	—	21.4	+7.5	14.9	20	-5	10	-4	39	0	0	13
HURGHĀDA	00	9	28	4	0	0	—	20.2	+6.4	18.8	21	-5	10	-4	57	0	1	3
QUSEIR	00	8	26	3	0	0	—	20.4	+6.9	19.0	22	-4	15	-3	38	0	11	4
PORT SŪDĀN	00	8	30	4	0	1	6,3	17		23					44	0	17	95
NORTH SŪDĀN																		
WĀDI HALFA	00	8	04	2	0	0	—	21		16					42	0	tr.	—
KAREIMA	00	8	04	2	0	0	—	18		17					26	0	7	1
ATBARA	00	8	32	4	0	3	4	17		19					22	0	2	2
KHARTŪM	01	8	22	4	1	4	4	15		20					24	0	3	4
KASSALA	02	8	32	2	1	6	4,5	12		22					61	tr.	31	8
CENTRAL SŪDĀN																		
WAD MEDANI	01	9	02	4	1	4	3	16		22					16	0	13	12
RENK	00	9	30	3	0	0	—			25		—		—	19	—	—	49
ROSEIRES	00	8	28	2	0	0	—	15?		24					24	0	82	38
EL OBEID	05	6	30	3	1	5	4,2	16		22					31	0	44	16
EL FĀSHER	00	7	02	2	0	0	—	—	—	16					42	0	2	6
GENEINA	00	8	02	4	0	0	—	—	—	17		—		—	14	—	—	4
KADUGLI	00		04	4	0	0	—					—		—		—	—	92
S. SŪDĀN																		
MALAKĀL	00	9	32	2	0	0	—	12		25					11	0	170	92
WĀU																0	113	169
JUBA	05	4	26	3	1	0	—	13		28					37	0	194	186

Upper Winds on 25th

Upper Winds are in the Code HHDDVV where HH is Height 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	MARIUT	PORT SAĪD	ALMĀZA	MINYA	LUXOR	HURGHĀDA	WĀDI HALFA	KAREIMA	KHARTŪM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 15 m.	13 h. 15 m.	h. m.	h. m.	12 h. m.	13 h. m.	h. m.	13 h. 15 m.	13 h. 15 m.	13 h. m.	13 h. m.	13 h. 15 m.	12 h. 30 m.	13 h. m.
03 32 20	03 32 15			03 33 05	03 33 10		09 26 40	09 02 55	09 02 08	09 30 20	09 03 15	09 03 45	09 02 15
06 31 20	06 27 20			06 32 15	06 31 10		15 03 30	15 03 40	12 03 55	15 36 30	15 02 20	15 03 55	15 06 15
09 26 20	09 30 15			09 32 20	09 33 20		21 02 30	21 02 35		21 03 25	21 02 30	21 03 55	21 07 15
15 30 25	✓			15 32 15	15 34 20		27 02 15				24 03 15		27 06 15
21 30 25				21 29 30	21 35 25		33 35 30						33 06 20
27 30 25				24 30 25	27 35 25		39 01 30						
30 27 15					30 34 30								
39 27 30					39 23 35								
51 29 55					60 31 20								

Remarks

Ho[illegible] Egypt[illegible] standard time, long 30°E [illegible] [illegible]ich mean time

Station	Mean of day: Humidity % on 25th	Diff from normal	Wet Bulb Temp °C on 25th	Diff from normal
Alexandria	59	-6	12.4	-1.4
Ezbekiya	66	+7	12.7	-1.0
Gîza	74	+13	12.8	-0.8
Helwân	54	+9	11.1	-1.1

GÎZA — Grass minimum temp on 26th 4.2° c

CAIRO — Water temp. River Nile at 9h. on 26th 18.0° c

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.48	-0.78
Nâsser				4.82	-0.22
Malakâl		9.73	-0.39	9.73	-0.40
J. Aulia Res.					
J. Aulia D.S					
Roseires		11.66	+0.30	11.67	+0.31
Sennar Res.				17.80	
Khartûm				10.66	+0.47
Kh. el Girba					
Atbara		15.57	+0.60	10.57	+0.59
Kajnarti					
Aswân Res.		119.52		119.48	
Aswân D.S		24.96	-0.69	24.96	-0.70
Roda (Cairo)		15.52	-0.02	15.58	+0.04

Discharges at Aswân measured by sluices m³ per sec.		
Date	1946	1945
26-3	868	810
25-3	868	810

Upper Winds on 26th (الثلاثاء 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.

MATRŪH	MARIUT	PORT SAĪD	HELWĀN	MINYA	ASYŪT	LUXOR	ASWĀN	WĀDI HALFA	ABU HAMAD	KAREIMA	KHARTŪM
7 h. m.	7 h. 15 m.	7 h. m.	8 h. 45 m.	10 h. 30 m.	h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	h. m.
03 28 05	03 14 05	03 14 10	02 16 10	03 03 05		03 02 15	02 01 10	09 02 30	09 03 50	09 04 50	
06 27 15	06 22 15	06 15 15	05 17 10	06 02 10		06 02 15	05 02 20	15 04 20	15 03 30	15 02 20	
09 27 30	09 28 20	09 22 05	08 19 05	09 02 10		09 03 10	10 06 25	21 01 20	21 33 15	21 05 10	
12 29 25	12 29 30	12 29 40	10 30 05	12 33 25		15 36 10	15 08 25	27 35 30	27 33 15	24 15 20	
15 21 25	15 28 25	15 20 20	15 24 15	15 32 30		21 31 10	20 36 10	33 35 15	33 03 05	30 22 10	
	18 28 25	21 24 20	20 27 15	21 33 10		27 29 20	25 36 15	39 29 15	39 16 05	36 29 20	
	21 27 30		23 26 10	24 26 30		30 29 15	30 35 20				
30 20 30	27 27 25		25 26 20			39 30 15					
	30 27 30		30 27 20			60 27 25					

KASSALA	PORT SŪDĀN	EL OBEID	EL FĀSHER	GENEINA	MALAKAL
7 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.
09 05 15		09 36 30		09 06 40	09 02 60
15 08 20		15 01 35		15 07 30	21 06 20
21 14 05		21 03 50		21 31 15	27 08 45
27 16 10		27 06 35		27 27 25	
33 18 15				33 28 25	
39 18 15				39 27 25	

Upper Air Temp — ALMÂZA at 24h G.M.T. on 25th

Height feet	PPP mb.	TT °F	tt °F
Surface	1012	55	50
500	994	58	51
1000	976	57	50
1500	958	56	47
2000	941	55	47
4000	874	46	41
6000	811	46	32
8000	752	41	32
10000	696	37	25
12000	644	28	23
14000	598	20	16
15000	544	11	9

CYPRUS SYNOPTIC 8h. ON 26th

34770 02867 28227 21140 8x105 00080
34854 00961 10102 21130 40303 00070

PRESENT WEATHER 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

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

CAIRO

Time of Sunrise 05 h. 51 m.
Sunset 18 h. 11 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month March 1946 — شهر مارس ١٩٤٦

1417 F.G.

At 14h. on Tuesday 26th — الساعة ١٤ يوم الثلاثاء 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)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14 h. mms
SALUM											
MATRUH	00	9	28	1	0	0	—	18.2	18.4	43	0
MARIUT	00	7	29	3	0	1	8	20	21	50	0
ALEXANDRIA	00	9	28	1	0	0	—	18.7	20.6	44	0
DAMIETTA	01	8	32	3	1	3	8	18.8	20.0	70	0
PORT SAID	00	8	28	3	0	0	—	19.1	21.2	70	0
EL ARISH	00	7	30	1	0	0	—	19.8	20.2	57	0
DAMANHUR	00	7	32	3	0	2	8	18.6	23.4	42	0
MANSURA	01	8	24	1	1	3	0	18.8	24.0	33	0
TANTA	01	8	00	0	1	4	7	18.6	24.4	31	0
ZAGAZIG	00	6	32	2	0	0	—	19.4	24.1	40	0
SHEBIN EL KOM	00	8	12	1	0	0	—	19.1	22.1	43	0
CAIRO ALMAZA	00	8	20	2	0	0	—	18.2	24.8	24	0
CAIRO EZBEKIYA	00	8	16	2	0	0	—	18.8	25.0	33	0
CAIRO GIZA	00	8	14	2	0	0	—	18.7	26.2	30	0
HELWAN	00	6	16	1	0	0	—	18.8	23.7	29	0
SUEZ	00	9	14	1	0	0	—	19.1	22.3	44	0
FAIYUM	00	8	22	2	0	0	—	19.2	23.5	34	0
MINYA	00	9	16	2	0	0	—	19.6	23.8	34	0
ASYUT	00	8	28	1	0	0	—	18.8	24.5	29	0
NAG HAMADI	00	8	00	0	0	0	—	17.6	25.3	29	0
QENA	00	9	26	2	0	0	—	17.5	27.8	28	0
LUXOR	00	7	06	2	0	0	—	17.8	28.5	26	0
ASWAN	00	9	28	1	0	0	—	16.2	26.9	16	0
SIWA	00	8	24	2	0	0	—	20.3	26.0	55	0
BAHARIYA	00	9	00	0	0	0	—	18.2	22.0	50	0
KHARGA	00	9	04	1	0	0	—	18.7	25.0	24	0
DAKHLA	00	9	28	2	0	0	—	19.0	25.4	32	0
TOR	00	7	28	3	0	0	—	18.7	22.3	76	0
HURGHADA	00	9	02	3	0	0	—	18.2	22.7	70	0
QUSEIR	00	8	32	3	0	0	—	18.4	24.0	54	0
PORT SUDAN	00	7	04	4	0	2	6	14	27	62	0
WADI HALFA	00	8	04	3	0	0	—	16	27	17	0
KAREIMA	00	9	02	4	0	0	—	14	28	10	0
ATBARA	00	8	32	3	0	0	—	11	29	11	0
KHARTUM	00	8	30	4	1	0	—	11	31	12	0
KASSALA	02	8	02	2	1	6	4,5 2	8	31	33	0
WAD MEDANI	00	8	02	4	1	2	5	9	33	20	0
RENK	00	9	32	3	0	0	—	6	34	25	—
ROSEIRES	01	8	28	1	0	3	1	—	33	32	0
EL OBEID	00	8	32	4	1	0	—	10	29	15	0
EL FASHER	00	8	04	2	0	0	—	—	28	25	0
GENEINA	00	8	04	3	0	0	—	—	29	08	0
KADUGLI	00	7	04	3	0	0	—	8	34	15	0
MALAKAL	00	8	02	3	0	0	—	7	36	11	0
WAU	05	5	32	2	4	0	—	6	37	27	0
JUBA											

At 20h. on 26th — الساعة ٢٠ يوم الثلاثاء ٢٦

Station	Present Weather	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	°C Temp.	% Humidity	Rain 14-20 h. mms	Station Number
SALUM												130
MATRUH	00	8	00	0	0	0	—	17.9	15.3	79	0	131
MARIUT	00	7	01	1	0	0	—	19	15	68	0	150
ALEXANDRIA	00	5	04	2	0	0	—	19.1	16.0	66	0	132
DAMIETTA	00	6	30	1	1	0	—	18.4	15.2	92	0	159
PORT SAID	00	8	30	2	0	0	—	18.6	16.7	78	0	134
EL ARISH	00	7	20	1	0	0	—	17.3	16.2	69	0	135
DAMANHUR	00	7	32	2	0	0	—	18.8	13.6	80	0	136
MANSURA	00	6	32	2	1	0	—	19.1	15.3	78	0	137
TANTA	00	8	00	0	1	0	—	19.6	15.5	74	0	138
ZAGAZIG	00	6	32	2	0	0	—	17.6	18.8	57	0	139
SHEBIN EL KOM	00	8	12	2	0	0	—	—	17.2	—	0	—
CAIRO ALMAZA	00	7	10	1	0	0	—	16.8	20.5	39	0	141
CAIRO EZBEKIYA	00	6	16	1	0	0	—	17.9	18.2	52	0	—
CAIRO GIZA	00	6	14	2	0	0	—	18.0	17.4	58	0	—
HELWAN	00	7	00	0	0	0	—	18.2	19.0	45	0	143
SUEZ	00	8	00	0	0	0	—	18.3	18.1	74	0	144
FAIYUM	00	8	00	0	0	0	—	17.9	17.7	54	0	153
MINYA	00	9	20	2	0	0	—	17.9	19.9	43	0	154
ASYUT	00	6	20	1	0	0	—	18.2	18.5	42	0	155
NAG HAMADI	00	8	00	0	0	0	—	17.4	18.8	60	0	164
QENA	00	6	22	2	0	0	—	17.5	20.6	42	0	156
LUXOR	00	6	28	1	0	0	—	17.4	18.3	51	0	157
ASWAN	00	9	00	0	0	0	—	15.9	21.0	27	0	158
SIWA	00	—	00	0	0	0	—	18.3	16.7	57	0	148
BAHARIYA												149
KHARGA	00	—	02	1	0	0	—	18.6	21.3	28	0	151
DAKHLA	00	6	08	1	0	0	—	19.4	18.8	31	0	152
TOR	00	7	28	4	0	0	—	17.8	20.2	65	0	145
HURGHADA	00	9	02	3	0	0	—	17.4	21.4	65	0	146
QUSEIR	00	8	32	2	0	0	—	17.3	22.0	52	0	147
PORT SUDAN												168
WADI HALFA												165
KAREIMA												166
ATBARA												167
KHARTUM												169
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FASHER												175
GENEINA												179
KADUGLI												187
MALAKAL												176
WAU												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 27th

MATRUH 13h. m.	MARIUT 13h. m.	PORT SAID h. m.	ALMAZA h. m.	MINYA 13h. m.	LUXOR 13h. m.	HURGHADA h. m.	WADI HALFA 13h. m.	KAREIMA 12h. 45m.	KHARTUM 13h. m.	KASSALA 12h. 45m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
03 31 15	03 01 15			03 22 05	03 31 05		09 01 20	09 02 30	09 02 30	09 02 10	09 03 30	09 07 15	09 04 10
06 28 15	06 01 20			06 21 05	06 31 05		15 01 15	15 01 30	15 36 35	15 03 15	15 04 30	15 07 20	15 01 20
09 28 20	09 04 25			09 24 05	09 36 05		21 01 15	21 35 20	21 35 25	21 13 05	21 05 35	21 14 05	21 35 15
12 29 20	15 02 45			15 28 05	15 32 05		27 25 30	24 35 30	24 28 15	27 07 05	27 06 15	27 33 15	27 05 15
15 30 20	21 02 35			21 24 15	21 27 05		33 32 15	30 26 15	30 19 30	33 05 10		33 34 10	33 09 15
21 30 20	24 01 40			30 30 10	30 29 05		39 36 15	39 33 20	39 26 50	39 18 05		39 25 05	39 09 20
30 30 25				39 26 20	39 31 15								
45 31 45				45 26 30	45 26 25								
				60 26 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 26th	Diff. from normal	Wet bulb temp. on 26th	Diff. from normal
Alexandria	65	0	13.1	-0.7
Ezbekiya	53	-5	13.4	-0.3
Giza	56	-3	13.6	-0.1
Helwân	42	-2	12.7	+0.4

GIZA — GRASS MINIMUM TEMP. on 27th 5.7°

CAIRO — WATER TEMP. RIVER NILE at 9h. on 27th 18.8°

Discharges at Aswan measured by sluices m³ per sec. — Date	1946	1945
27-3	808	810
26-3	868	810

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27			12.40	-0.86
Nâsser				4.83	-0.22
Malakâl		9.73	-0.39	9.73	-0.39
J. Aulia Res.					
J. Aulia D.S					
Roseires		11.66	+0.30	11.66	+0.30
Sennar Res.				17.72	—
Khartum				10.64	+0.45
Kh. el Girba					
Atbara		10.54	+0.58	10.57	+0.60
Kajnarti				132.75	+0.69
Aswan Res.		119.51	—	119.52	—
Aswan D.S		84.96	-0.68	84.96	-0.69
Roda (Cairo)		15.50	-0.04	15.52	-0.02

Printed by the Survey of Egypt, 1945 (45/308)

At 8h. on Wednesday 27th — الساعة ٨ يوم الأربعاء 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	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.
SALÛM												—		—				93
MATRÛH	00	9	00	0	0	0	—	16.6	+0.6	14.5	19	-2	9	-3	55	0	88	154
MARIUT	01	7	10	1	2	5	2	18		15	22	—	8	—	77	0	181	137
ALEXANDRIA	01	8	00	0	1	5	1	17.4	+2.0	16.4	22	0	12	-2	71	0	165	180
DAMIETTA	01	7	04	1	1	5	4	17.2	+2.0	17.7	23	—	11	—	82	0	68	160
PORT SA'ÎD	02	8	04	2	2	7	2	17.4	+3.0	18.7	23	+1	13	-1	74	0	45	71
EL 'ARÎSH	02	7	30	1	1	6	4	17.0	+1.7	17.4	20	-2	10	-1	79	0	51	83
DAMANHÛR	01	5	12	2	1	4	1	17.5	+2.0	14.0	25	+1	9	-2	92	0	81	92
MANSÛRA	01	8	04	1	1	4	6	17.6	+2.0	15.2	26	+1	10	0	81	0	27	47
TANTA	01	8	00	0	1	4	4	17.6	+1.8	14.0	26	+1	6	-3	87	0	59	34
ZAGAZIG	01	6	02	2	1	3	5	17.2	+1.6	15.2	25	-1	9	-1	79	0	9	24
SHEBÎN EL KÔM	00	8	02	1	0	1	3	17.1	+1.6	15.0	27	—	7	—	77	0	19	—
CAIRO ALMAZA	05	6	32	1	0	4	1	16.9	+1.3	18.3	26	—	11	—	41	0	3	—
CAIRO EZBEKÎYA	05	6	14	2	1	4	1	17.2	+1.6	16.2	27	+1	11	0	54	0	3	22
CAIRO GÎZA	09	6	12	2	0	3	5	17.4	+1.4	16.9	28	+2	9	0	62	0	15	21
HELWÂN	01	7	00	0	1	3	1	17.1	+1.6	18.5	25	0	13	+1	42	0	4	24
SUEZ	00	9	00	0	0	3	2	18.0	+2.4	19.4	24	-1	11	-2	53	0	—	14
FAIYÛM	02	8	16	1	1	5	2	17.6	+1.7	16.1	25	-2	9	-2	59	0	8	7
MINYA	02	7	16	2	2	5	2	17.4	+1.7	17.0	25	-3	9	-2	43	0	dr	—
ASYÛT	01	7	12	1	1	5	2	18.0	+2.7	15.9	27	-2	10	-2	50	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	17.9	+3.3	19.4	27	—	8	—	48	0	1	—
QENA	00	7	28	1	0	3	1	17.2	+2.9	17.0	29	-4	10	-3	52	0	13	—
LUXOR	00	7	28	1	0	0	—	—	—	20.6	30	-2	9	-3	36	0	0	—
ASWÂN	00	9	02	1	0	0	—	17.1	+3.2	19.0	28	-5	13	-3	27	0	dr	
SÎWA	00	7	00	0	0	0	—	17.2	+0.2	14.5	27	0	6	-3	62	0	1	7
BAHARÎYA	01	9	00	0	1	4	—	17.6	+1.3	14.0	23	-4	9	-1	67	0	0	7
KHÂRGA	01	9	00	0	1	4	2	17.9	+3.0	14.7	27	-3	9	-4	51	0	1	—
DÂKHLA	00	8	04	1	0	0	—	19.4	+4.0	14.8	27	-3	8	-4	42	0	0	—
TÔR	00	7	04	3	0	0	—	16.7	+2.9	19.2	—	—	11	-3	52	0	0	13
HURGHÂDA	00	9	28	3	0	0	—	17.0	+3.3	21.2	24	-2	10	-4	57	0	1	3
QUSEIR	00	8	28	2	0	0	—	15.9	+2.5	21.0	25	-1	16	-2	41	0	11	4
PORT SÛDÂN	00	8	30	1	1	0	—	15		24					65	0	17	95
WÂDI HALFA	00	8	04	1	0	1	4	17		16					36	0	tr	—
KAREIMA	00	8	04	3	0	0	—	16		19					21	0	7	1
ATBARA	00	8	32	3	0	0	—	15		20					43	0	2	2
KHARTÛM	00	8	30	4	0	0	—	14		22					15	0	3	4
KASSALA	00	8	00	0	1	3	4	12		26					45	0	31	8
WAD MEDANI	00	9	02	5	0	0	—	13		24					13	0	13	12
RENK	01	9	32	3	1	4	4	10		26		—		—	27	—	—	49
ROSEIRES	01	7	28	2	1	4	1	—		27					22	0	82	38
EL OBEID	00	9	32	3	0	3	4	14		21					23	0	44	16
EL FÂSHER	00	9	32	3	0	0	—	—	—	16					28	0	2	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	04	4	1	4	2	12		25		—		—	9	—	—	92
MALAKÂL	02	8	02	5	0	8	4	11		28					7	0	170	92
WÂU																	113	170
JUBA	01	7	24	2	1	3	4	11		29					31	0	194	187

Upper Winds are in the Code HHDDVV where HH is Height 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. m.	MARIUT 7h. 30m.	PORT SA'ÎD 6h. 45m.	HELWÂN 8h. 45m.	MINYA 7h. m.	ASYÛT h. m.	LUXOR 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 10h. 45m.	ABU HAMAD 7h. 15m.	KAREIMA 7h. m.	KHARTÛM 7h. m.
03 10 15	03 14 10	03 04 05	02 17 05	03 06 05		03 01 10	03 02 15	02 20 05	09 04 25	09 03 40	09 02 55
06 15 10	06 29 15	06 22 15	05 21 05	06 33 05		06 02 10	05 02 25	05 24 05	15 04 35	15 03 35	15 03 10
09 21 15	09 30 20	12 28 25	08 35 05	09 04 10		09 01 20	10 05 15	10 32 05	21 02 20	21 03 10	21 23 20
15 29 25	12 30 20	15 29 35	10 35 10	12 29 05		15 23 10	15 23 10	15 35 05	27 36 10	24 36 15	24 26 15
21 26 20	15 31 30	18 29 30	15 32 10	15 14 05		21 31 10	20 36 05	20 30 15	30 01 15	30 01 15	30 25 35
30 30 25	18 27 15	21 26 25	20 27 20	18 30 20		27 33 15	25 26 05	25 26 30	39 36 15	39 36 05	39 23 —
45 33 25	21 26 20	24 27 20	22 27 20	21 32 20		30 31 10	30 22 05	30 27 30	54 01 20		
48 30 25	24 27 20	27 24 25		24 30 20		39 26 20	35 27 25	35 26 35			
	30 28 35	30 26 35		27 26 15		45 28 30	40 28 20	40 26 35			

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID 6h. 45m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 12 10		09 03 55			09 03 60
15 13 10		15 06 25			15 04 60
21 28 05		21 11 10			21 05 35
27 26 20		27 03 15			27 04 30
33 32 20		33 36 05			33 04 15

UPPER AIR TEMP. ALMÂZA AT 01.30 G.M.T. ON 27th

HEIGHT feet	PPP m.b.	TT °F	TdTd °F
Surface	1014	55	50
500	995	63	53
1000	978	62	51
1500	960	60	49
2000	943	59	48
4000	876	51	42
6000	813	43	35
8000	753	45	29
10000	697	35	24
12000	645	29	23
14000	596	21	19
16000	550	16	16

CYPRUS SYNOPTIC 8h. ON 27th

34778 02666 28116 17120 90405 00110
34850 02666 12126 17130 90602 00100

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	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	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

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.

CLOUD FORM (C)

Cirrus	1
Cirro-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 05 h. 50 m. Sunset 18 h. 11 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *MARCH* 1946 — شهر مارس ١٩٤٦

1417 F.C.

At 14h. on WEDNESDAY 27th (الساعة ١٤ يوم الاربعاء ٢٧) — At 20h. on 27th (الساعة ٢٠ يوم الاربعاء 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)	°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
Salum																							130
Matruh	00	9	32	3	0	0	—	14.7	19.5	49	0	00	8	00	0	0	0	—	14.7	16.4	78	0	131
Mariut	00	7	27	2	1	2	2	16	24		0	01	7	04	2	1	3	4,5	15	16	77	0	150
Alexandria	01	9	00	0	1	4	1	16.0	23.2	50	0	00	5	06	2	0	0	—	15.1	17.0	80	0	132
Damietta	01	8	08	2	1	5	8,4,5	15.9	21.4	66	0	01	6	08	2	1	3	5	15.5	17.2	87	0	159
Port Said	02	8	04	3	2	6	2	16.3	20.8	75	0	00	8	04	2	0	3	2	16.0	17.0	82	0	134
El Arish	00	7	30	1	0	0	—	—	20.2	59	0	00	7	00	0	0	0	—	17.3	15.5	73	0	135
Damanhur	01	7	08	2	1	3	1	15.0	25.6	34	0	01	6	32	3	1	3	1	15.2	15.6	68	0	136
Mansura	01	8	20	1	1	4	6	15.8	29.0	34	0	00	6	04	1	1	0	—	15.8	17.2	84	0	137
Tanta	01	8	24	1	1	4	4	15.4	27.0	29	0	00	8	00	0	1	0	—	15.5	18.0	78	0	138
Zagazig	01	6	32	1	1	4	5	15.5	24.9	20	0	00	6	32	2	0	0	—	15.6	20.6	51	0	139
Shebin el Kom	01	8	16	2	1	3	8	14.2	26.5	—	0	00	8	02	1	1	3	6	15.3	20.4	50	0	—
Cairo Almaza	01	7	24	2	1	4	4	14.7	26.7	21	0	00	7	09	2	1	0	—	14.4	22.0	29	0	141
Cairo Ezbekiya	01	8	22	1	1	4	4	15.2	27.0	25	0	00	8	04	1	0	0	—	15.0	20.1	50	0	—
Cairo Giza	01	8	14	2	1	4	4	15.1	28.6	25	0	00	6	06	1	1	1	8	15.0	19.7	49	0	—
Helwan	01	8	00	0	1	4	1	15.4	25.1	24	0	00	7	00	0	0	1	4	15.1	21.2	27	0	143
Suez	01	9	18	1	1	4	1	15.9	25.6	32	0	00	8	30	1	0	0	—	15.9	22.2	31	0	144
Faiyum	02	8	18	2	2	5	4	15.6	27.0	23	0	00	8	00	0	0	0	—	14.8	18.5	52	0	153
Minya	01	8	24	2	1	4	3	16.3	28.0	19	0	00	8	32	1	1	0	—	15.4	19.0	38	0	154
Asyut	01	8	26	1	1	3	2	14.6	25.1	25	0	00	6	20	1	1	0	—	15.6	17.7	41	0	155
Nag Hamadi	00	8	24	1	0	0	—	15.0	27.8	20	0	00	8	00	0	0	0	—	15.2	17.9	58	0	164
Qena	01	8	22	2	0	4	1	14.5	27.4	28	0	01	6	24	1	1	4	1	14.7	19.4	43	0	156
Luxor	01	7	20	1	1	4	1	14.7	31.3	21	0	00	6	28	2	0	0	—	15.1	20.0	47	0	157
Aswan	02	9	20	1	1	5	1	13.9	30.0	11	0	00	9	00	0	0	0	—	13.8	24.0	20	0	158
Siwa	00	8	24	2	0	0	—	16.6	27.0	56	0	00	4	00	0	0	0	—	15.4	20.0	64	0	148
Bahariya	00	9	00	0	0	0	—	—	—	—	0	00	4	00	0	0	0	—	—	—	—	0	149
Kharga	00	9	12	1	0	3	1	16.0	28.4	17	0	00	9	00	0	0	0	—	14.8	23.5	19	0	151
Dakhla	00	9	24	1	0	0	—	15.8	27.2	20	0	00	7	12	1	0	0	—	16.4	18.3	24	0	152
Tor	00	7	28	4	0	0	—	16.0	23.5	46	0	00	7	28	3	0	0	—	15.2	19.9	66	0	145
Hurghada	01	9	02	4	0	4	4	16.2	24.3	63	0	00	9	28	2	0	0	—	15.1	22.4	58	0	146
Quseir	00	8	32	2	0	0	—	15.8	26.8	54	0	00	8	32	1	0	0	—	15.2	23.8	37	0	147
Port Sudan	00	8	06	3	0	1	8	12	27	70													[illegible]
Wadi Halfa	00	8	04	1	0	2	1	14	29	17													165
Kareima	00	9	06	2	0	2	1	12	31	08													166
Atbara	00	8	32	2	0	3	4	9	33	14													167
Khartum	00	8	27	3	0	0	—	9	33	07													[illegible]
Kassala	01	8	26	1	0	5	4	5	38	18													170
Wad Medani	00	8	08	2	0	2	8	7	36	12													171
Renk	01	9	28	3	1	4	4	4	37	24													182
Roseires	01	7	28	2	1	4	1	—	37	24													172
El Obeid	00	7	04	4	0	0	—	8	32	26													174
El Fasher	00	9	02	1	0	0	—	—	31	29													175
Geneina	00	9	04	2	0	0	—	—	32	09													179
Kadugli	00	8	12	2	0	0	—	7	36	12													187
Malakal	01	8	02	3	1	4	4,8	6	31	13													176
Wau																							177
Juba	05	7	26	2	1	3	8	5	37	25													178

At 8h. on THURSDAY 28th (الساعة ٨ يوم الخميس 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.	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												—		—				93
	Matrûh	00	9	24	2	0	0	—	14.0	-1.9	13.4	25	+4	10	-2	78	0	88	154
	Mariut	05	6	00	0	0	0	—	13		19	26	—	7	—	64	0	181	137
	Alexandria	00	8	00	0	0	0	—	13.2	-2.1	18.6	25	+3	13	-1	60	0	165	180
	Damietta	00	8	12	3	1	2	3	13.2	-2.0	20.2	23	—	15	—	62	0	68	100
	Port Saîd	00	8	12	2	0	2	2	13.5	-0.9	17.1	22	0	15	+1	71	0	45	71
	El 'Arîsh	02	7	30	1	1	6	4	—	—	17.4	20	-2	10	-1	78	0	51	84
Lower Egypt	Damanhûr	00	6	28	2	0	0	—	12.2	-3.2	16.0	27	+3	11	0	69	0	81	93
	Mansûra	00	8	12	2	0	0	—	14.6	-0.9	12.4	[illegible]	+4	11	0	59	0	27	47
	Tanta	00	8	20	2	0	0	—	13.2	-2.6	18.5	27	+1	10	0	42	0	59	34
	Zagazig	00	6	12	3	0	0	—	14.3	-1.2	19.9	27	+1	13	+3	43	0	9	24
	Shebîn el Kôm	00	8	12	2	0	0	—	12.6	-2.9	19.3	28	—	7	—	43	0	19	
Middle Egypt	Cairo Almaza	00	8	16	3	0	0	—	12.4	-3.2	21.0	28	—	15	—	19	0	3	—
	Cairo Ezbekîya	05	5	18	2	0	2	2	13.8	-1.8	17.8	29	+3	14	+2	39	0	3	22
	Cairo Gîza	09	6	18	2	0	0	—	14.2	-1.8	17.9	29	+3	10	+1	52	0	15	21
	Helwân	00	7	00	0	0	0	—	14.0	-1.5	19.7	27	+1	14	+2	25	0	4	24
	Suez	00	9	14	1	0	0	—	—	—	19.3	27	+1	12	-1	51	0	—	14
Upper Egypt	Faiyûm	00	8	18	2	0	0	—	14.6	-1.2	17.2	29	+2	11	0	38	0	8	7
	Minya	00	9	16	2	0	0	—	15.4	-0.2	19.0	29	+1	12	+1	45	0	tr.	—
	Asyût	00	7	12	1	0	0	—	15.5	+0.3	18.1	29	0	9	-3	36	0	0	4
	Nag' Hamâdi	00	8	00	0	0	0	—	16.3	+1.8	20.2	28	—	9	—	36	0	1	—
	Qena	01	7	28	1	1	4	3	15.5	+1.3	16.9	31	-2	10	-3	43	0	13	—
	Luxor																	0	—
	Aswân	02	7	00	0	1	5	1	15.1	+1.3	18.5	32	-1	14	-2	26	0	tr.	—
Western Desert	Sîwa	00	7	00	0	0	0	—	15.8	-1.2	14.6	29	+2	7	-3	72	0	1	7
	Baharîya	00	7	00	0	0	0	—	14.9	-1.4	15.0	—	—	10	0	68	0	0	7
	Khârga	01	9	00	0	1	4	3	16.7	+1.8	14.6	30	0	8	-5	27	0	1	—
	Dâkhla	00	8	12	1	0	0	—	16.3	+1.0	17.2	30	0	10	-2	38	0	0	—
Red Sea	Tôr	00	7	04	3	0	0	—	14.2	+0.5	19.2	24	-2	11	-3	—	0	0	13
	Hurghâda	01	8	28	1	0	4	4	14.1	+0.4	22.3	26	0	12	-2	40	0	1	3
	Quseir	00	8	28	1	0	0	—	14.0	+0.6	22.3	27	+1	16	-2	28	0	11	4
	Port Sûdân	00	8	00	0	0	1	8	15		24					84	0	17	95
North Sûdân	Wâdi Halfa	01	8	00	0	1	5	4	16		17					28	0	tr.	—
	Kareima	00	8	04	1	0	1	1	14		20					21	0	7	1
	'Atbara	00	8	32	2	0	0	—	13		22					25	0	2	2
	Khartûm	00	8	02	3	1	0	—	12		24					13	0	3	4
	Kassala	00	8	30	1	1	1	4	10		29					49	0	31	8
Central Sûdân	Wad Medani	00	9	04	5	0	0	—	11		28					10	0	13	12
	Renk	00	9	32	3	0	0	—	9		28				—	25	—	—	49
	Roseires	00	8	20	1	1	0	—	9		27					28	0	82	38
	El Obeid	00	9	32	4	0	0	—	12		25					30	0	44	16
	El Fâsher	00	9	32	2	0	3	1	—	—	18					40	0	2	6
	Geneina	00	8	04	2	1	3	1	—	—	22	—			—	16	0	—	4
	Kadugli	01	8	04	3	0	3	1	10		27	—			—	08	—	—	92
S. Sûdân	Malakâl	01	8	02	4	1	5	4,5	9		29					11	0	170	93
	Wâu																0	113	171
	Juba	01	8	14	2	0	4	1,4	9		29					03	0	194	188

Upper Winds on 27th

Upper Winds are in the Code HHDDVV where HH is Height above 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	Port Saîd 12h. 30m.	Almaza	Minya 13h. m.	Luxor 13h. m.	Hurghâda	Wâdi Halfa 13h. 15m.	Kareima 11h. 45m.	Khartûm 13h. m.	Kassala 12h. 45m.	El Obeid	Malakal 13h. m.	Juba 13h. m.
03 30 10		03 17 05		09 26 10	03 24 05		09 01 20	09 04 10	09 35 35	09 31 05		09 04 15	09 02 05
06 05 20		06 23 15		15 24 15	06 24 05		15 10 10	15 02 10	15 06 15	15 35 35		15 07 20	15 04 15
09 23 25		09 28 10		21 25 20	09 24 10		21 03 15	21 06 10	21 28 15	21 36 05		21 07 20	21 03 20
15 23 30		12 21 10		24 26 25	15 27 15		27 29 15	24 35 05	24 25 20	27 01 05		27 07 15	27 02 15
21 25 20		15 18 15		30 28 20	21 23 10		33 25 10	30 27 05	30 27 40	33 21 05		33 08 05	33 01 20
30 26 30		18 26 20		39 27 40	30 28 15		39 24 15	39 27 20				36 23 02	39 01 15
36 28 35		21 26 20		42 26 40	39 26 15								
45 27 55		24 25 35		45 25 40	45 27 25								
51 28 50		27 26 30		51 24 40	60 26 40								

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 7h. m.	Mariut 7h. m.	Port Saîd	Helwân 8h. 45m.	Minya	Asyût	Luxor 7h. m.	Aswân 7h. m.	Wâdi Halfa 7h. 15m.	Abu Hamad 7h. 15m.	Kareima 7h.	Khartûm 7h.
03 33 15	03 23 15		02 16 10			03 36 10	02 02 15	09 03 20	09 06 25	09 03 20	09 04 55
06 30 10	06 21 05		05 19 25			06 36 15	05 04 20	15 06 05	15 09 10	15 04 10	15 25 05
09 30 20	09 26 20		08 22 25			09 35 10	10 06 10	21 28 05	21 24 05	21 15 05	21 21 15
12 28 30	12 26 20		10 23 25			15 27 10	15 22 15	27 26 20	27 29 05	24 35 05	24 30 20
18 28 35	15 26 15		15 22 25			21 21 05	20 24 05	33 24 30	33 18 05	27 24 05	30 29 50
21 30 30	18 26 20		20 21 35			27 26 05		39 23 30	39 27 05	30 24 05	39 23 55
27 29 40			25 23 20			30 31 15				39 24 20	
30 28 30			30 26 25								
39 36 40			40 25 55								

Kassala 8h. 45m.	Port Sûdân	El Obeid	El Fasher	Geneina 7h. m.	Malakal 7h. m.
09 12 10				09 06 30	09 03 55
15 14 05				21 34 15	21 04 55
21 11 10					27 04 45
27 05 10					33 05 45
33 01 05					

Upper Air Temp — Almaza at 23 G.M.T. on 28th

Height feet	PPP	T	
Surface	1004	62	53
500	986	70	53
1000	968	67	51
1500	951	66	49
2000	934	64	48
4000	867	54	41
6000	804	45	34
8000	746	45	29
10000	690	38	29
12000	639	30	26
14000	590	21	19
16000	544	11	11

Cyprus Synoptic on 28th

34756 01863 30114 14151 20302 00090
34850 02852 10225 14120 96201 00070

Remarks

Times ... based on standard time, long. 30° E. and are two hours ... of Greenwich mean time.

Mean of day

Station	Humidity on 27th	Diff. from normal	Wet Bulb Temp. on 27th	Diff. from normal
Alexandria	71	+6	15.2	+1.3
Ezbekiya	47	-11	13.6	-0.2
Giza	51	-9	14.6	+0.8
Helwân	28	-16	12.8	+0.5

GIZA — Grass Minimum Temp. 28th 7.9°

Discharges at Aswan ...	Date	1946	1945
	28-3	868	810
	27-3	868	810

CAIRO — Water Temp. River Nile at 9h.: 28th 19.4°

River Gauges

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28				
Nâsser				4.84	-0.22
Malakâl		9.72	-0.39	9.73	-0.39
J. Aulia Res.					
J. Aulia D.S.					
Roseires		11.67	+0.31	11.66	+0.30
Sennar Res.				17.66	
Khartûm				10.66	+0.46
Kh. el Girba					
Atbara		10.51	+0.56	10.54	+0.58
Kajnarti					
Aswan Res.		119.54		114.51	
Aswan D.S.		84.76	-0.68	84.90	-0.68
Roda (Cairo)				15.50	-0.94

Present Weather (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; ... 11; Distant Duststorm 15; Squally 18; Slight Duststorm 18; Rain in past hour 20-25; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick 42; Fog in patches 48; Drizzle 50-59; Rain 60-69; Rain and Fog 67; Rain and Snow 68, 69; Snow 70-79; Showers 80-89; of Snow 83, 84; of Sleet 85, 86; of Hail 88, 89; Thunderstorm 90-99; ended, now Rain 91; with Hail 94-96; with Duststorm 98; heavy, with Hail 99.

Past Weather (W)

Clear, slight cloud 0; Variable sky 1; Mainly overcast 2; Sandstorm, Duststorm 3; Fog, thick dust haze 4; Drizzle 5; Rain 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; ... 6; 20 7; 50 8; Visible over 50 kms. 9.

Cloud Amount (N)

Clear 0; Trace 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 = Calm.

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.G.

DAILY WEATHER REPORT

Time of Sunrise 05 h. 47 m.
Sunset 18 h. 11 m.

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 4h. on THURSDAY 28th — الساعة ١٤ يوم ٢٨ / At 20h. on 28th — الساعة ٢٠ يوم الخميس ٢٨

Station	4h Present Weather	4h Visibility	4h Wind Dir.	4h Wind Force	4h Past Weather	4h Cloud Amount	4h Cloud Form	4h Bar Press M.S.L. 1000+ mbs.	4h °C Temp.	4h % Humidity	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 °C Temp.	20h % Humidity	Rain 14-20h mms	Station Number
	ww	V	DD	F	W	N	C	PPP	TTT	UU		ww	V	DD	F	W	N	C	PPP	TTT	UU		
Salum																							130
Matruh	00	9	28	3	0	0	—	13.4	18.3	68	0	00	8	28	5	0	0	—	14.2	13.8	86	0	131
Mariut	00	7	27	3	0	0	—	13	20	64		00	7	28	2	0	0	—	13	16	77	0	150
Alexandria	00	9	28	2	0	0	—	11.9	19.8	67	0	01	5	30	4	2	4	4	13.1	16.4	71	0	132
Damietta	00	8	20	3	0	0	—	10.8	—	—	0	00	7	28	4	0	0	—	11.6	16.7	93	0	153
Port Said	05	7	20	5	0	0	—	11.1	28.7	70	0	00	8	28	4	0	0	—	12.3	17.8	90	0	134
El Arish	00	7	30	1	0	0			—	—	0	00	7	20	2	0	0	—	—	17.2	78	0	135
Damanhur	00	6	32	4	0	0	—	11.2	24.0	30	0	20	7	28	3	0	0	—	11.5	14.3	68	0	136
Mansura	00	8	30	2	0	0	—	11.4	28.0	17	0	00	6	30	3	0	0	—	12.2	16.8	76	0	137
Tanta	00	8	20	5	0	0	—	11.0	28.5	16	0	00	8	24	2	0	0	—	12.6	15.0	82	0	138
Zagazig	00	6	13	3	0	0	—	11.4	28.1	21	0	00	6	20	2	0	0	—	12.6	17.6	76	0	139
Shebin el Kom	00	8	22	3	0	0	—	11.9	—	—	0	00	8	12	2	0	0	—	11.8	17.4	73	0	—
Almaza	00	8	22	4	0	0	—	11.4	28.0	09	0	00	7	01	2	0	0	—	13	21	41	0	141
Ezbekiya	00	8	20	4	0	0	—	12.0	29.3	16	0	00	7	30	2	0	0	—	12.8	20.5	58	0	—
Giza	00	8	22	3	0	0	—	11.6	28.8	16	0	00	6	30	2	0	0	—	13.1	19.6	55	0	—
Helwan	00	8	18	3	0	0	—	12.0	26.9	11	0	00	7	28	2	0	0	—	12.0	23.6	14	0	143
Suez	00	9	30	1	0	0	—	12.0	27.4	26	0	00	8	30	1	0	0	—	12.2	22.8	38	0	144
Faiyum	00	8	22	3	0	0	—	12.2	28.5	14	0	00	5	22	1	0	0	—	11.7	23.0	31	0	153
Minya	00	9	24	2	0	0	—	13.1	30.0	20	0	00	7	24	2	0	0	—	13.1	20.0	—	0	154
Asyut												00	6	18	1	0	0	—	13.6	20.3	31	0	155
Nag Hamadi	00	8	00	0	0	0	—	13.1	29.4	60	0	00	8	00	0	0	0	—	13.2	23.3	—	0	164
Qena	01	8	22	2	1	4	1	13.1	31.0	16	0	00	6	24	1	1	0	—	13.4	20.0	40	0	156
Luxor	00	7	18	2	0	0	—	13.9	32.0	19	0	00	6	24	2	0	0	—	14.0	20.5	42	0	157
Aswan	02	9	32	1	1	5	1	12.2	31.7		0	00	9	00	0	0	0	—	12.6	25.0	16	0	158
Siwa	00	8	24	4	0	0	—	15.2	27.5	26	0	00		00	0	0	0	—	14.2	20.0	40	0	148
Bahariya	00		00	0	0	0	—	14.0	26.4	22	0	00		00	0	0	0	—	—	16.0	69	0	149
Kharga	01	9	00	0	1	4	3	14.4	31.2	13	0	00		04	1	0	0	—	14.0	25.1	17	0	151
Dakhla	00	9	28	1	0	0	—	14.2	30.1	18	0	00	7	04	1	0	0	—	15.6	21.2	18	0	152
Tor	00	7	28	3	0	0	—	15.0	26.1	52	0	00	7	12	3	0	0	—	15.0	21.2	65	0	145
Hurghada	01	9	12	2	1	4	4	15.8	25.6	69	0	00	9	12	2	0	0	—	13.6	23.8	45	0	146
Quseir	00	8	04	1	0	0	—	13.9	26.2	46	0	00	8	00	0	0	0	—	13.2	20.0	75	0	147
Port Sudan	00	9	10	3	0	1	8,3	12	27	70	0	01	8	06	2	1	4	6	15	25	74		108
Wadi Halfa	01	8	32	1	1	4	4	12	32	06		00	8	32	1	1	2	1	12	26	07		165
Kareima												00	9	30	3	0	0	—	10	26	14		166
Atbara	00	8	00	0	0	0	—	7	36	12		00	8	30	1	0	0	—	9	29	12		167
Khartum	00	8	28	2	0	0	—	7	36	09		00	8	28	4	0	0	—	8	29	18		169
Kassala	00	8	04	1	0	1	8	6	39	12		00	8	30	1	0	0	—	5	31	22		170
Wad Medani	00	8	30	2	0	0	—	5	39	11													171
Renk	00	9	28	3	0	0	—	—	40	17													182
Roseires	01	7	04	1	0	4	1	—	39	18													172
El Obeid	00	9	02	2	0	0	—	5	36	24													174
El Fasher	01	9	04	1	0	3	1	—	34	20													175
Geneina	00	9	18	2	0	0	—	—	36	06													179
Kadugli	01	8	04	3	1	4	1	5	39	11													187
Malakal	01	8	06	3	1	4	4,1	5	38	19													176
Wau																							177
Juba	01	8	32	3	1	5	9,4,1	5	36	31													178

At 8h. on FRIDAY 29th — الساعة ٨ يوم الجمعة ٢٩

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	Maximum Yesterday °C	Max. Diff. from norm.	Minimum Today °C	Min. Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
	ww	V	DD	F	W	N	C	PPP		TTT	MM		mm					
Mediterranean																		
Salum												—		—				94
Matruh	02	9	28	5	1	6	4	19.1	+3.2	13.4	19	-2	12	0	62	0	88	155
Mariut	01	7	26	4	0	3	6	18		14	22	—	13	—	48	0	181	127
Alexandria	02	9	28	4	2	5	8	18.6	+3.4	14.6	22	0	12	-2	26	0	105	160
Damietta	01	8	20	3	1	3	8	17.1	+2.0	15.0	28	—	12	—	72	0	68	101
Port Said	02	8	28	5	2	6	0	17.8	+3.5	16.3	29	+7	14	0	84	0	45	72
El Arish	00	7	30	1	0	0	—	—	—	16.4	—	—	9	-2	79	0	61	64
Lower Egypt																		
Damanhur	01	6	28	5	1	4	8	17.8	+2.4	14.0	28	+4	9	-2	67	0	81	93
Mansura	01	8	30	2	1	4	6	17.8	+2.3	13.0	29	+4	10	-1	66	0	27	47
Tanta	01	8	28	2	1	4	8	19.0	+3.3	14.0	29	+3	8	-2	57	0	39	34
Zagazig	00	6	20	2	0	0	—	18.4	+2.9	15.1	29	+3	10	0	69	0	9	24
Shebin el Kom	00	8	02	2	0	0	—	19.0	+3.6	14.6	30	—	8	—	—	0	19	
Middle Egypt — Cairo																		
Almaza	00	8	26	2	2	2	8	18.2		13.8	29	—	13	—	61	0	3	
Ezbekiya	05	6	30	3	0	1	8	18.7	+3.2	15.5	30	+4	13	+1	58	0	3	22
Giza	00	7	30	3	1	1	8	18.3	+2.4	13.8	29	+3	12	+3	73	0	15	21
Helwan	00	8	30	4	0	1	0	18.4	+3.0	13.9	28	+2	13	+1	67	0	4	24
Suez	01	9	26	1	1	4	5	19.2	+3.7	18.3	28	+2	13	0	48	0	—	14
Upper Egypt																		
Faiyum	01	8	32	3	1	4	8	19.0	+3.2	15.0	29	+2	12	+1	66	0	8	7
Minya	00	8	32	2	0	0	—	—	—	18.9	30	+2	13	+2	45	0	nil	—
Asyut	00	7	14	1	0	0	—	16.6	+1.7	17.1	31	+2	11	-1	46	0	0	4
Nag Hamadi	00	8	00	0	0	0	—	17.5	+3.1	20.7	30	—	8	—	31	0	1	—
Qena	01	7	24	1	0	3	1	17.2	+3.1	18.0	33	0	9	-4	55	0	13	—
Luxor	00	7	28	2	0	0	—	17.1	+2.9	20.6	32	0	9	-3	29	0	9	—
Aswan	02	9	00	0	1	5	1	16.0	+2.3	22.4	34	+1	16	0	14	0	nil	—
Western Desert																		
Siwa	00	7	04	3	0	0	—	22.3	+5.4	12.0	30	+3	8	-2	65	0	1	7
Bahariya	00	9	32	1	0	0	—	20.0	+3.7	15.5	28	+1	10	0	68	0	0	7
Kharga	00	9	02	1	0	0	—	16.6	+1.8	16.6	32	+1	9	-4	28	0	1	—
Dakhla	00	8	08	1	0	0	—	18.0	+2.7	17.8	31	0	12	0	35	0	2	—
Red Sea																		
Tor	00	7	04	3	0	0	—	—	—	19.9	26	0	11	-3	47	0	0	13
Hurghada	00	9	28	3	0	0	—	15.2	+1.6	23.4	26	0	12	-2	43	0	1	3
Quseir	00	8	00	0	0	0	—	14.7	+1.4	19.8	28	+2	16	-2	38	0	11	4
Port Sudan	02	8	32	1	2	7	6	14		26					84	0	17	95
North Sudan																		
Wadi Halfa	02	8	02	1	1	5	4,2	16		19					21	0	nil	
Kareima	01	8	04	3	1	4	1	13		22					14	0	7	
Atbara	01	8	32	3	1	3	1	11		24					22	0	2	
Khartum	00	8	30	4	0	0	—	11		26					11	0	3	
Kassala	00	8	00	0	0	0	—	8		31					41	0	31	
Central Sudan																		
Wad Medani	02	9	04	3	1	5	5	10		26					30	0	13	12
Renk	00	9	04	3	0	0	—	8		29		—		—	20	—	—	49
Roseires	02	7	04	1	1	8	8	11		25					30	0	82	38
El Obeid	01	9	32	4	1	4	4	10		27					28	0	44	16
El Fasher	00	9	00	0	0	0	—	—	—	21					31	0	2	6
Geneina	00	9	02	3	0	0	—	—	—	23		—		—	07	0	—	4
Kadugli	02	8	04	3	1	5	9	9		28		—		—	31	—	—	92
S. Sudan																		
Malakal	01	9	06	2	1	4	4	5		31					11	0	170	93
Wau																0	113	172
Juba	01	8	16	1	0	4	8,4	9		27					70	5	199	189

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.

Matruh 13h.	Mariut	Port Said 12h. 30m.	Almaza	Minya 12h. 45m.	Luxor 13h.	Hurghada	Wadi Halfa 12h. 15m.	[overwritten] 13h.	Khartum	Kassala 13h.	El Obeid	Malakal 13h.	Juba 13h. 30m.
03 30 30		03 22 30		03 24 15	03 26 05		09 33 10	09 33 15		09 26 05		09 09 20	09 03 35
06 33 20		06 22 35		06 14 05	06 27 10		15 25 10	15 01 05		15 31 15		15 09 20	15 04 30
09 25 30		09 22 35		09 22 10	09 26 15		21 24 15	21 29 05		21 30 15		21 08 20	21 05 45
15 27 35		15 21 30		15 26 35	15 24 20		27 25 20	24 30 20		27 31 15		27 08 30	27 10 20
21 27 45		21 19 30		21 24 40	21 22 30		33 24 30	30 27 40		33 04 10			33 09 55
30 27 55		27 21 40		30 24 55	27 21 40		39 23 30	39 23 40		39 01 15			39 12 55
35 27 60		30 22 30		39 24 55	30 20 45								

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.

Matruh 7h.	Mariut 7h. 15m.	Port Said 7h. 30m.	Helwan	Minya	Asyut	Luxor 7h.	Aswan	Wadi Halfa 7h. 15m.	Abu Hamad	Kareima 7h.	Khartum 7h. 30m.
03 31 35	03 29 38	03 28 25				03 04 05		09 03 30		09 03 45	09 01 50
06 31 40	06 29 40	06 28 35				06 36 20		15 02 15		15 36 20	15 32 30
09 30 40	09 30 40	09 29 30				09 34 25		21 36 15		21 22 10	21 29 40
12 30 39	12 31 55	12 29 40				15 35 20		27 21 05		27 25 15	24 27 30
		15 23 65				21 30 35		33 26 05		33 25 20	
						30 27 30		39 25 25		39 21 20	
						39 24 45					
						45 23 70					
						48 23 75					

Kassala 7h.	Port Sudan	El Obeid	El Fasher 7h.	Geneina 7h.	Malakal 7h.
09 05 15			09 02 30	09 07 10	09 03 30
15 04 35			15 06 35	15 07 30	15 03 45
21 03 40			21 10 10	21 09 20	21 03 40
27 03 40			27 11 10	27 08 20	27 05 30
33 04 20			33 16 10		33 05 65
39 01 20			39 23 15		39 06 20

Upper Air Temp. Almaza at 24 G.M.T. on 28th

Height Feet	P.P.P. mb.		
Surface	1000	58	53
500	988	55	52
1000	969	54	51
1500	952	51	51
2000	934	51	47
4000	868	50	41
6000	805	47	34
8000	746	40	31
10000	691	30	29
12000	640	24	20
14000	590	20	17
16000	544	12	11

Cyprus Synoptic 8h. on 29th

34893 10853 24385 10116 10107 9.070
347xx 5.7x5 24025 1010x xxxxx 01xxx

Remarks

... standard time, long. 30° E. and are two hours ... Greenwich mean time.

	Date	1946	1945
[illegible]	29-3	868	810
[illegible]	28-5	868	810

Mean of day

Station	Humidity % on 28th	Diff. from normal	Wet Bulb Temp. on 28th	Diff. from normal
Alexandria	62	-3	14.7	+0.8
Ezbekiya	43	-15	14.2	+0.3
Giza	47	-13	14.2	+0.4
Helwan	13	-31	11.8	-0.6

GIZA — Grass minimum temp. on 29th 10.5°

CAIRO — Water temp. River Nile at 9h. on 29th 19.6°

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	[illegible]	12.40	-0.87	12.40	-0.87
Nasser				4.86	-0.22
Malakal		9.71	-0.40	9.72	-0.39
J. Aulia Res.				373.70	—
J. Aulia D.S.				371.77	+0.82
Roseires		11.62	+0.26	11.67	+0.31
Sennar Res.		17.48	—	17.56	—
Khartum		10.65	+0.45	10.66	+0.46
Kh. el Girba					
Atbara		10.51	+0.56	10.51	+0.56
Kajnarti		132.83	+0.83	132.80	+0.79
Aswan Res.		119.58	—	119.54	—
Aswan D.S.		84.90	-0.67	84.95	-0.68
Roda (Cairo)		15.50	-0.03	15.46	-0.07

PRESENT WEATHER (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
...ued, now Rain	91
... with Hail	94-96
... with Duststorm	98
... Heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	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
...	6
...	7
...	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)
as on Scale 01 32, e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 = 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

1417 F.O.

DAILY WEATHER REPORT

Time of Sunrise 05 h. 48 m. — Sunset 18 h. 12 m.

Month MARCH 1946 — شهر مارس ١٩٤٦

FRIDAY 29th — الجمعة ٢٩

STATION	At 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	At 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
Salûm																							130
Matrûh	02	9	32	5	1	6	4	21.1	14.4	53	0	00	8	28	5	0	0	—	23.1	13.0	64	0	131
Mariut	01	8	29	4	0	4	8	20	16	42	0	01	7	28	3	1	3	6	22	13	44	0	150
Alexandria	01	9	28	4	2	4	8	20.2	15.6	39	0	01	5	28	5	2	4	4	22.8	13.3	42	0	132
Damietta	14	8	28	5	1	3	8	18.7	15.6	55	0	02	9	26	4	2	7	9	20.7	14.6	67	0	159
Port Sa'îd	05	6	28	6	1	3	0	18.6	18.0	76	0	02	7	22	5	1	5	0	21.2	14.7	52	0	134
El 'Arish	00	7	30	1	0	0	—	—	20.3	61	0												135
Damanhûr	01	7	28	4	1	3	8	19.0	—	—	0	00	6	28	3	0	2	8	21.2	11.2	80	0	136
Mansûra	01	8	18	3	1	4	8	19.2	18.0	36	0	00	6	08	2	1	0	—	21.6	12.4	61	0	137
Tanta	01	8	28	5	1	4	8	19.9	18.8	29	0	01	8	28	2	1	4	8	22.6	10.0	76		138
Zagazig	01	6	20	3	1	4	8	18.2	18.9	45	0	00	6	28	2	0	0	—	21.9	11.2	72	0	139
Shebîn el Kôm	01	8	02	4	1	3	8	18.2	19.8	34	0	00	8	02	2	1	0	—	20.8	12.0	61	0	—
Cairo Almaza	00	8	28	4	1	1	8	18.8	19.6	31	0	00	7	32	2	0	0	—	21.9	13.3	44	0	141
Cairo Ezbekîya	00	8	28	2	0	2	8	19.1	20.0	28	0	00	7	30	3	0	0	—	22.4	14.0	57	0	—
Cairo Gîza	00	7	30	3	0	1	8	19.1	20.2	33	0	00	6	30	3	0	0	—	22.2	12.4	60	0	—
Helwân	00	8	26	4	0	1	8	18.7	18.9	29	0	00	6	30	4	0	0	—	21.8	13.9	29	0	143
Suez	00	9	26	1	0	3	8	18.2	22.7	31	0	00	8	30	2	0	0	—	21.8	15.2	30	0	144
Faiyûm	00	8	30	3	0	2	8	18.7	21.0	41	0	00	8	20	2	0	0	—	21.8	14.8	44	0	153
Minya	00	9	32	3	1	0	—	—	23.0	25	0	00	8	04	3	0	0	—	—	19.0	37	0	154
Asyût	00	8	20	1	0	0	—	16.7	26.8	30	0	00	6	28	1	0	0	—	18.8	18.6	52	0	155
Nag Hamâdi	00	8	00	0	0	0	—	16.6	29.8	14	0	00	8	00	0	0	0	—	17.9	19.2	57	0	164
Qena	01	9	22	2	1	3		14.4	32.3	15	0	01	6	24	1	1	3	1	16.3	22.6	29	0	156
Luxor	01	7	30	2	1	4	1	15.1	33.5	17	0	00	6	28	3	0	0	—	16.2	26.3	23	0	157
Aswân	02	9	32	3	1	5	1	13.2	32.5	10	0	00	9	00	0	0	0	—	15.1	26.0	19	0	158
Sîwa	00	8	02	4	0	0	—	21.9	20.0	28	0	00		00	0	0	0	—	21.8	16.0	41	0	148
Baharîya																							149
Khârga	00	9	08	2	0	0	—	16.6	32.2	14	0	00		32	3	0	0	—	17.2	26.2	20	0	151
Dâkhla	00	9	04	1	0	0	—	16.4	31.2	14	0	00	7	08	1	0	0	—	17.2	19.1	28	0	152
Tôr	00	7	28	4	0	0	—	15.4	23.8	63	0	00	7	28	4	0	0	—	16.8	23.2	60	0	145
Hurghâda	00	9	32	3	0	0	—	15.2	25.2	35	0	00	9	28	5	0	0	—	15.2	23.7	47	0	146
Quseir	00	8	04	2	0	0	—	15.0	27.6	44	0	00	8	32	1	0	0	—	15.2	21.7	43	0	147
Port Sûdân	02	8	04	4	1	5	8,2	12	28	79													249
Wâdi Halfa	02	8	02	3	1	5	2	13	33	05													165
Kareima	00	8	02	3	1	3	1	10	36	05													166
Atbara	00	8	02	2	0	2	1	7	37	10													167
Khartûm	00	8	02	2	0	1	4	6	37	04													209
Kassala	00	8	02	2	0	3	8	3	41	14													170
Wad Medani	00	8	32	4	1	2	3	4	40	07													171
Renk	00	9	28	3	0	0	—	—	41	25													182
Roseires	01	7	04	1	1	4	1	4	41	16													172
El Obeid	00	9	02	4	0	2	4	5	37	27													174
El Fâsher	00	9	00	0	0	0	—	—	36	19													175
Geneina	00	9	28	2	0	0	—	—	36	09													179
Kadugli	01	8	04	4	1	4	2	5	32	09													187
Malakâl	00	8	00	0	4	2	4																176
Wâu																							177
Juba	01	8	06	1	2	4	8	3	32	21													178

SATURDAY 30th — السبت ٣٠ — الساعة ٨ يوم

STATION	At 8h. 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	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Salûm											—		—					94
Matrûh	01	9	28	3	1	4	4	22.8	+7.0	14.8	15	−6	12	0	55	0	88	155
Mariut	03	7	28	2	2	8	6	22		14	17	—	13	—	55	0	181	127
Alexandria	03	8	26	3	2	8	5	23.1	+8.0	14.2	17	−5	12	−2	52	0	165	181
Damietta	02	8	28	2	2	5	8	21.5	+6.4	15.5	17	—	12	—	69	0	68	101
Port Sa'îd	21	7	26	3	5	5	9	21.6	+7.4	14.7	20	−2	14	0	82	dr.	45	72
El 'Arîsh																		84
Damanhûr	03	5	32	2	2	8	9,4	22.6	+7.3	13.8	18	−7	10	−1	76	0	81	93
Mansûra	02	8	32	2	1	5	0	22.6	+7.2	14.8	20	−5	8	−3	60	0	27	47
Tanta	01	8	00	0	1	4	4	22.6	+7.0	15.0	20	−6	7	−3	49	0	59	34
Zagazig	00	6	24	1	0	1	8	22.8	+7.4	14.2	21	−5	8	−2	69	0	9	24
Shebîn el Kôm	00	8	30	2	0	3	8	21.9	+6.6	15.8	21	—	8	—	52	0	19	—
Cairo Almaza	05	6	31	1	1	4	6	22.0	+6.5	12.7	20	—	8	—	49	0	3	—
Cairo Ezbekîya	05	6	00	0	1	3	4	22.6	+7.1	13.5	21	−5	9	−3	58	0	3	22
Cairo Gîza	09	6	32	1	1	2	8,5	23.1	+7.2	10.7	21	−5	5	−4	65	0	15	21
Helwân	05	6	32	2	0	3	8	22.8	+7.4	12.7	19	−7	7	−5	48	0	4	24
Suez	00	9	04	1	0	0	—	22.0	+7.6	13.7	25	−1	8	−5	48	0	—	14
Faiyûm	00	8	30	2	0	2	8	23.4	+7.7	12.0	22	−5	8	−3	31	0	8	7
Minya	00	8	02	3	0	0	—	22.4	+6.9	13.5	24	−4	7	−4	51	0	dr.	—
Asyût	00	7	28	1	0	0	—	21.6	+6.6	13.5	28	−1	9	−3	46	0	0	4
Nag Hamâdi	00	8	32	1	0	0	—	20.2	+5.8	16.2	31	—	9	—	47	0	1	—
Qena	00	7	24	1	1	0	—	19.0	+5.0	17.0	34	+1	12	−2	52	0	13	—
Luxor											—		—					—
Aswân	02	9	32	3	1	5	4	17.1	+7.5	19.0	33	0	17	0	33	0	dr.	
Sîwa	00	7	00	0	0	0	—	24.4	+7.6	16.6	22	−5	5	−5	56	0	1	7
Baharîya	00	9	00	0	0	0	—	24.7	+8.5	13.0	22	−6	8	−2	66	0	0	7
Khârga	00	9	32	2	0	0	—	20.7	+6.0	14.1	33	+2	13	0	46	0	1	—
Dâkhla	00	7	04	3	0	0	—	22.2	+7.0	14.8	31	0	12	0	55	0	0	—
Tôr	00	7	28	5	0	0	—	19.0	+5.4	17.3	24	−2	14	0	32	0	0	13
Hurghâda	00	9	28	5	0	0	—	18.0	+4.5	17.6	27	+1	10	−4	66	0	1	3
Quseir	00	8	32	3	0	0	—	17.5	+4.2	19.6	29	+3	16	−2	49	0	11	4
Port Sûdân	00	9	30	3	0	1	6	14		27					52	0	17	95
Wâdi Halfa	01	8	02	2	1	5	4,5,1	17		20					26	0	tr.	—
Kareima	00	8	04	4	0	2	1	13		30					09	0	7	1
Atbara	00	8	32	4	0	0	—	11		26					18	0	2	2
Khartûm	00	8	32	4	1	0	—	10		26					08	0	3	4
Kassala	00	8	04	1	0	0	—	7		31					41	0	31	8
Wad Medani	00	9	02	4	0	3	3	9		28					13	0	13	12
Renk	00	8	32	3	0	0	—	7		30		—		—	27	—	—	49
Roseires	00	8	04	2	1	0	—	—		32					13	0	82	38
El Obeid	01	8	32	4	0	3	4	11		26					27	0	44	16
El Fâsher								—	—							0	2	6
Geneina	00	9	02	4	0	3	1	—	—	23		—		—	16	—	—	4
Kadugli	00	8	04	3	0	3	1	9		31		—		—	05	—	—	92
Malakâl																0	170	93
Wâu																0	113	173
Juba	02	8	14	1	1	5	6,8	9		33					44	0	199	190

Upper Winds are in the Code HHDDVV where HH is Height 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

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13 h. m.	12 h. m.	12 h. m.	h. m.	h. m.	13 h. m.	h. m.	h. m.	12 h. 45 m.	13 h. 30 m.	12 h. 30 m.	h. m.	12 h. 45 m.	12 h. 45 m.
03 34 30	03 29 65	03 30 25			03 31 05			09 34 40	09 35 40	09 02 15		09 05 35	09 09 10
06 34 30	06 30 20	06 28 40			06 32 20			15 35 25	15 34 45	15 05 10		15 04 40	15 13 20
09 22 10	09 30 20	09 27 40			09 33 15			21 32 30	21 33 60	21 04 20			21 05 15
					15 35 20			27 34 20	24 31 40	27 06 15			27 08 15
					21 01 30			33 35 20	30 29 50	33 01 20			33 07 20
					27 36 20			39 35 15	39 21 30	39 01 15			39 07 20
					30 34 35								

UPPER WINDS ON 30th — الرياح العليا

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. m.	7 h. m.	h. m.	8 h. 45 m.	7 h. 30 m.	h. m.	7 h. m.	7 h. m.	7 h. 18 m.	7 h. 15 m.	7 h. m.	6 h. 45 m.
03 24 15	03 32 30		02 24 10	03 03 20		03 26 05	02 36 30	09 03 60	09 04 20	09 03 30	
06 24 15	06 33 30		05 01 10	06 02 05		06 34 30	05 02 30	15 01 50	15 03 30	15 03 40	15 33 20
09 24 30	09 33 30		08 02 20	09 01 55		09 34 30	10 02 30	21 35 15	21 01 10	21 36 10	21 33 40
12 25 15	12 33 40		10 02 35	12 32 60		15 32 30	15 35 25	27 03 10	27 22 10	27 33 25	24 32 30
	15 33 35		12 02 25	15 31 65		21 31 35	20 34 —	33 27 30		39 27 25	30 29 20
	Ext. Sc.					27 29 35		39 27 30		51 26 40	39 25 10

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 30 m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.
09 09 20				09 06 45	09 02 80
15 05 35				15 07 45	15 02 60
21 04 35				21 07 25	21 03 55
27 35 20				27 07 20	27 04 50
33 30 20				33 22 10	
				39 23 15	

UPPER AIR TEMP. ALMÂZA AT 24h G.M.T. ON 29th

HEIGHT feet	P.P.P. m.b.	TT °F	t °F
Surface	1012.8	50	45
500	996	50	43
1000	978	49	42
1500	960	46	40
2000	943	44	39
4000	876	39	30
6000	813	48	31
8000	753	41	27
10000	697	33	26
12000	645	26	21
14000	596	20	16
16000	550	12	10

CYPRUS SYNOPTIC 8h. ON 30th

34700 00990 26300 18128 xxxxx 01xxx
34850 00961 26201 19100 60301 00040

Remarks

Hours in Egyptian standard time, long. 30° E and are two hours east of Greenwich mean time

Mean of day

Station	Humidity % on 29th	Diff. from normal	Wet bulb temp. on 29th	Diff. from normal
Alexandria	31	−34	8.7	−5.3
Ezbekiya	53	−5	10.9	−3.1
Giza	62	+2	10.8	−3.1
Helwân	47	+3	9.9	−2.5

GIZA — Grass minimum temp. on 30th 2.4°

CAIRO — Water temp. River Nile on 30th 19.0°

Discharges at Aswan measured in m³ per second	Date	1946	1945
	30.3	868	810
	29.3	868	810

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.40	−0.87
Nâsser					
Malakâl		9.69	−0.42	9.71	−0.40
J. Aulia Res.					
J. Aulia D.S					
Roseires	30th	11.66	+0.30	11.62	+0.26
Sennar Res.				17.48	
Khartûm				10.55	+0.45
Kh. el Girba					
Atbara				10.51	+0.56
Hajnarti				122.83	+0.83
Aswan Res.		119.59		119.58	
Aswan D.S		84.96	−0.67	84.96	−0.67
Roda (Cairo)		15.54	+0.02	15.50	−0.03

PRESENT WEATHER (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 night 10; Thunder, no rain 11; Distant Duststorm 12; Squally 14; Slight Duststorm 18; Rain in past hour 20-29; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick 42; Fog in patches 46; Drizzle 50-59; Rain 60-69; Rain and Fog 67; Rain and Snow 68, 69; Snow 70-79; Showers 80-89; of Snow 83, 84; of Sleet 85, 86; of Hail 88, 89; Thunderstorm 90-99; ended, now Rain 91; with Hail 94-96; with Duststorm 98; heavy, with Hail 99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at: 50 metres 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

Time of Sunrise 05 h. 47 m.
Sunset 18 h. 12 m.

Month MARCH 1946 — شهر مارس ١٩٤٦

SATURDAY 30th — السبت ٣٠

At 8h and at 20h on 30th

Station	8h Present weather	8h Visibility	8h Wind Dir.	8h Wind Force	8h Past weather	8h Cloud Amount	8h Cloud Form	8h Bar press M.S.L. 1000+ mbs.	8h Temp °C	8h % Humidity	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	Rain 14-20h mms	Station number
Sallum																							130
Matruh	00	9	28	3	0	0	—	22.6	15.5	63	0	00	8	32	4	0	0	—	22.0	14.5	64	0	131
Mariut	01	8	28	3	1	5	8	22	17	52	0	00	8	28	2	1	3	6	21	14	55	0	150
Alexandria	02	9	32	4	2	5	2	21.9	10.6	50	0	01	5	32	3	2	4	8	22.3	13.8	53	0	132
Damietta	01	8	30	4	1	4	1	20.8	16.0	64	0	00	8	28	2	1	2	8	20.6	13.7	70	0	153
Port Said	02	8	26	4	2	6	6	21.1	18.2	86	0	01	8	26	4	2	4	6	20.6	14.7	72	0	134
El Arish												00	7	30	1	0	0	—	19.1	14.3	70	0	135
Damanhur	01	7	32	4	1	4	8	21.4	17.0	54	0	01	6	32	3	1	4	8	19.6	14.6	70	0	136
Mansura	01	8	32	3	1	4	8	21.0	18.2	45	0	00	6	32	2	1	0	—	21.2	12.8	66	0	137
Tanta	01	8	22	2	1	4	8	20.3	20.0	40	0	00	8	00	0	1	0	—	21.8	11.0	81	0	138
Zagazig	01	6	22	2	1	4	8	20.7	20.8	44	0	00	6	28	2	0	0	—	20.7	12.4	73	0	139
Shebin el Kom	01	8	28	2	1	3	8	18.3	20.1	41	0	00	8	22	2	1	0	—	21.0	12.3	69	0	—
Cairo Almaza	00	7	32	2	0	2	6	20.0	19.6	35	0	00	7	04	3	1	0	—	20.9	14.2	34	0	141
Cairo Ezbekiya	00	8	28	2	0	2	8	20.2	20.0	40	0	00	7	30	3	0	0	—	20.8	14.5	66	0	—
Cairo Giza	00	7	30	3	1	1	8	20.2	18.4	48	0	00	6	30	3	1	0	—	21.0	13.4	66	0	—
Helwan	00	7	32	3	0	0	—	20.0	18.3	35	0	00	6	30	4	0	0	—	21.6	14.6	52	0	143
Suez	00	9	30	1	0	0	—	19.9	19.5	35	0	00	8	30	1	0	0	—	21.2	15.2	55	0	144
Faiyum	00	8	30	3	0	0	—	19.9	20.2	36	0	00	8	32	2	0	3	—	20.8	15.6	54	0	153
Minya	00	8	32	4	0	0	—	19.4	21.0	27	0	00	8	32	4	1	2	—	19.6	16.8	35	0	154
Asyut	00	8	30	1	0	0	—	18.7	21.3	27	0	00	6	28	1	0	4	—	19.2	16.2	46	0	155
Nag Hamadi	00	8	28	3	0	0	—	18.3	24.0	25	0	00	6	26	2	0	0	—	16.8	18.7	32	0	164
Qena	00	9	26	2	0	0	—	16.4	29.2	14	0	00	6	22	3	0	0	—	17.4	18.0	39	0	156
Luxor	00	7	26	2	0	0	—	16.9	27.5	24	0	00	6	28	1	0	0	—	17.1	20.0	35	0	157
Aswan	00	9	30	4	0	0	—	14.3	29.4	08	0	00	9	32	3	0	0	—	13.9	25.0	11	0	158
Siwa	00	8	12	2	0	0	—	23.5	20.0	40	0	00		00	0	0	0	—	22.2	15.0	49	0	148
Baharia	00	9	00	0	0	0	—	18.2	20.5	45	0	00		00	0	0	0	—	23.2	14.0	67	0	149
Kharga	00	9	32	3	0	0	—	19.0	24.2	21	0	00	9	32	3	0	0	—	18.3	20.3	16	0	151
Dakhla	00	8	24	3	0	0	—	18.6	22.2	38	0	00	6	04	2	0	0	—	20.0	16.2	40	0	152
Tor	00	7	28	6	0	0	—	17.2	19.1	50	0	10	7	28	6	0	0	—	16.7	19.2	39	0	145
Hurghada	00	9	28	6	0	0	—	17.1	21.6	25	0	00	9	28	6	0	0	—	16.6	20.2	54	0	146
Quseir	00	8	32	3	0	0	—	17.1	22.4	52	0	00	8	32	3	0	0	—	16.7	19.8	51	0	147
Port Sudan	18	6	06	5	3	0	—	11	28	66													189
Wadi Halfa	00	8	02	4	1	3	1	13	32	06													165
Kareima	00	7	04	4	0	0	—	9	36	09													166
Atbara	00	8	32	3	0	0	—	6	37	18													167
Khartum	00	8	20	4	0	0	—	5	37	16													168
Kassala	00	8	30	2	0	0	—	1	42	11													170
Wad Medani	00	8	30	4	0	0	—	3	40	12													171
Renk	00	9	28	3	0	0	—	—	41	16													182
Roseires	00	8	04	1	0	0	—	3	42	13													172
El Obeid	00	9	32	4	0	0	—	6	37	24													174
El Fasher																							175
Geneina	01	9	04	5	0	3	1	—	36	08													179
Kadugli	00	8	04	4	0	0	—	5	39	12													187
Malakal																							176
Wau																							177
Juba	01	8	30	2	1	4	8,4	4	38	25													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.

Matruh 12h 45m	Mariut 13h 15m	Port Said	Almaza	Minya	Luxor 13h	Hurghada	Wadi Halfa 13h 15m	Kareima 12h 30m	Khartum 13h	Kassala 13h	El Obeid	Malakal	Juba 13h
03 34 20	03 32 35				03 33 15		09 01 40	09 04 40	09 02 35	09 02 05			09 03 15
06 33 28	06 32 40				06 32 10		15 01 40	15 04 40	15 01 —	15 03 05			15 35 15
09 34 26	09 32 55				09 32 25		21 33 15	21 03 30	21 01 30	21 05 05			21 34 20
18 32 35	15 33 35				15 31 40		27 33 15	27 01 15	24 02 20	27 36 05			27 35 30
24 32 50							33 28 20		30 14 20	33 35 05			33 32 15
30 33 55							39 27 35			39 33 05			39 06 10
45 26 45													
54 27 55													

Remarks

[illegible] Egyptian Standard time, [illegible] two hours in advance of Greenwich mean time.

Station	Humidity % on 30th	Diff. from normal	Wet bulb temp °C on 30th	Diff. from normal
Alexandria	50	−16	10.2	−3.8
Ezbekiya	57	−1	11.4	−2.7
Giza	62	+2	10.3	−3.7
Helwan	44	0	9.7	−2.9

GIZA — Grass minimum temp on 31st: 3.9°

CAIRO — Water temp River Nile on 31st: 18.9°

Discharges	Date		
	31-3	868	810
	30-3	868	810

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	31-3-46			12.40	−0.87
Nasser				4.85	−0.25
Malakal		9.68	−0.42	9.69	−0.42
J. Aulia Res.				375.57	—
J. Aulia D.S.				371.76	+0.82
Roseires		11.58	+0.28	11.66	+0.30
Sennar Res.				17.38	—
Khartum		10.56	+0.34	10.60	+0.39
Kh. el Girba					
Atbara		10.52	+0.57	10.51	+0.56
Kajnarti		132.80	+0.82	132.82	+0.83
Aswan Res.		119.62	—	119.59	—
Aswan D.S.		84.96	−0.66	84.96	−0.67
Roda (Cairo)		15.58	+0.07	15.54	+0.02

SUNDAY 31st — الأحد ٣١

At 8h on 31st

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
Sallum																		94
Matruh	00	9	32	2	0	0	—	22.3	+6.6	15.5	16	−5	13	+1	74	0	88	155
Mariut	01	9	31	3	1	4	8	21		16	18	—	13	—	49	0	181	137
Alexandria	01	8	04	3	2	4	8	21.1	+6.0	15.2	19	−3	13	−1	45	0	165	181
Damietta	01	8	28	3	1	5	8	19.2	+4.2	15.8	17	—	13	—	67	0	68	101
Port Said	00	8	30	4	0	3	8	19.5	+5.4	16.9	20	−2	13	−1	81	0	46	72
El Arish	00	7	20	1	0	0	—	—	—	16.3	20	−2	10	−1	67	0	51	85
Damanhur	01	5	30	4	1	4	8	19.9	+4.7	15.3	19	−6	9	−2	61	0	81	93
Mansura	00	8	02	2	0	0	—	20.4	+5.0	15.0	20	−5	8	−3	60	0	27	47
Tanta	00	8	00	0	0	0	—	20.6	+5.1	14.6	21	−5	6	−4	61	0	59	34
Zagazig	02	6	28	1	1	5	8	20.0	+4.6	14.8	21	−5	8	−2	65	0	9	24
Shebin el Kom	00	8	22	1	0	0	—	19.8	+4.5	14.9	21	—	8	—	58	0	19	
Cairo Almaza	00	7	04	1	0	0	—	20.9	+5.5	14.0	20	—	7	—	56	0	3	
Cairo Ezbekiya	05	6	28	1	0	0	—	20.6	+5.2	14.2	21	−5	10	−2	63	0	3	22
Cairo Giza	05	7	30	2	0	1	8	20.8	+5.0	11.9	19	−7	6	−3	73	0	15	21
Helwan	05	6	00	0	0	0	—	21.0	+5.7	11.9	19	−7	8	−5	67	0	4	24
Suez	00	9	04	1	0	0	—	20.7	+5.4	14.4	20	−6	9	−4	54	0	—	14
Faiyum	00	8	32	3	6	0	—	21.0	+5.4	13.1	21	−6	8	−3	65	0	8	7
Minya	00	8	32	2	0	0	—	21.1	+5.7	14.8	22	−6	10	−1	56	0	dr.	
Asyut	00	7	26	1	0	0	—	20.2	+5.1	14.1	23	−6	7	−5	65	0	0	4
Nag Hamadi	00	8	24	2	0	0	—	18.8	+4.5	16.2	24	—	9	—	51	0	1	
Qena	00	8	26	3	0	0	—	17.2	+3.3	17.6	31	−2	10	−4	45	0	13	
Luxor	00	7	28	2	0	0	—	17.9	+3.8	20.0	29	−3	10	−3	47	0	0	
Aswan	00	9	32	3	0	0	—	16.8	+3.3	16.3	31	−2	13	−4	35	0	dr.	—
Siwa	00	7	00	0	0	0	—	22.4	+5.7	11.0	22	−5	7	−3	69	0	1	7
Bahariya	00	9	00	0	0	0	—	23.4	+7.3	12.5	22	−6	9	−2	71	0	0	7
Kharga	00	9	04	3	0	0	—	19.5	+4.9	13.5	25	−6	11	−2	60	0	1	—
Dakhla	00	7	04	2	0	0	—	20.7	+5.6	14.9	24	−7	10	−2	64	0	0	—
Tor	00	7	28	4	0	0	—	17.5	+4.9	17.2	19	−7	15	+1	67	0	0	13
Hurghada	00	9	28	6	0	0	—	17.0	+3.6	16.6	23	−4	12	−2	64	0	1	3
Quseir	00	8	32	5	0	0	—	15.4	+2.2	18.7	24	−2	15	−3	53	0	11	4
Port Sudan	00	8	30	2	0	0	—	13		25					79	0	17	95
Wadi Halfa	00	8	32	2	0	0	—	17		17					30	0	tr.	—
Kareima	00	8	04	3	0	0	—	13		17					19	0	7	1
Atbara	00	8	32	4	0	0	—	10		24					17	0	2	2
Khartum	00	8	36	4	1	0	—	7		20					[illegible]	0	3	4
Kassala	00	3	02	1	0	0	—	6		29					46	0	31	8
Wad Medani	00	8	02	4	0	0	—	7		28					10	0	13	12
Renk	00	9	32	3	0	0	—	7		29	—		—		20	—	—	49
Roseires	00	8	28	2	0	0	—	7		30					22	0	82	38
El Obeid	00	9	36	4	0	3	4	11		23					41	0	44	16
El Fasher	02	8	32	2	1	5	2	—	—	18					30	0	2	6
Geneina								—	—		—		—					4
Kadugli	00	7	04	3	0	1	1	8		31	—		—		29	—	—	92
Malakal	00	8	02	3	0	2	4	8		29					07	0	170	93
Wau																0	113	174
Juba	01	8	14	2	0	4	2	7		28					52	0	199	192

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.

Matruh 7h	Mariut 7h 15m	Port Said	Helwan 8h 45m	Minya	Asyut	Luxor 7h	Aswan 7h	Wadi Halfa 7h 15m	Abu Hamad 7h	Kareima 7h	Khartum
03 01 20	03 34 40		02 35 20			03 27 05	02 36 15	09 02 40	09 01 50	09 02 50	
06 01 15	06 34 35		05 36 25			06 33 25	05 03 25	15 36 40	15 02 30	15 03 60	
09 01 15	09 35 45		08 03 30			09 35 35	10 01 25	21 34 35	21 31 10	21 34 25	
	12 33 50		10 02 50			15 34 40	15 01 35	27 32 30		27 36 25	
			15 03 65			21 32 40	20 36 30	33 32 20		33 27 10	
			20 01 75			27 31 35		39 31 30		39 28 25	
			23 34 70			30 30 30					
			25 32 65			33 28 30					
			27 32 65								

Kassala	Port Sudan 7h 15m	El Obeid 6h 45m	El Fasher 6h 30m	Geneina	Malakal 7h
	09 04 20	09 02 60	09 02 20		09 03 40
	15 07 15	15 03 60	15 08 40		15 02 65
	21 12 05	21 05 45	21 06 35		21 02 65
	27 24 14	27 01 05	27 08 05		27 02 55
	33 07 10	33 25 15	33 03 10		33 03 55
	39 30 45				

Cyprus synoptic 8h on 31st:

34700 00990 02250 13120 70301 93051
34880 25955 12285 15080 60203 05061

Upper Air Temp — Almaza at 24 GMT on 30th

Height feet	PPP mb.	TT °F	°F
Surface	1011	51	47
500	994	52	46
1000	976	50	44
1500	958	47	43
2000	941	45	42
4000	874	40	32
6000	811	42	33
8000	752	39	30
10000	696	33	29
12000	644	25	23
14000	595	15	14
16000	548	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

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	07
Distant Light Fog	08
Light Mist	09
Distant Fog	06
Rain in sight	[illegible]
Thunder, no rain	[illegible]
Distant Duststorm	[illegible]
Squalls	[illegible]
Slight Duststorm	[illegible]
Rain in past hour	[illegible]
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	[illegible]
Fog or Thick Haze	[illegible]
Wet Fog in last hour	[illegible]
Thick	[illegible]
Fog patches	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	[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	98
heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	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. 05 45
Sunset 18 13

Month ~~APRIL~~ March 1946 — شهر أبريل ١٩٤٦

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14h. on SUNDAY 31st MARCH — الأحد ٣١ مارس — and At 20h. on

Station	Present weather (14h)	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	Present weather (20h)	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
Salûm																							130
Matrûh	00	9	04	2	0	0	—	21.6	17.0	70	0	00	8	04	2	0	0	—	22.0	14.3	75	0	131
Mariut												00	7	32	2	0	1	6	21	13	55	0	150
Alexandria	01	9	02	4	2	4	8	21.0	17.4	42	0	01	5	02	2	2	3	8	21.5	13.6	52	0	132
Damietta	01	8	28	4	1	3	8	19.1	16.4	62	0	00	8	30	2	1	2	8	20.8	13.6	67	0	158
Port Saîd	01	8	30	4	0	4	8	19.5	20.3	81	0	01	8	30	4	0	4	8	21.0	14.4	76	0	134
El 'Arîsh	00	7	30	1	0	0	—	—	19.2	58	0												135
Damanhûr	01	7	32	4	1	3	8	20.0	17.3	50	0	00	6	32	3	1	0	—	20.7	12.0	76	0	136
Mansûra	01	8	28	3	1	3	0	19.6	19.3	39	0	00	6	24	2	1	0	—	21.2	12.6	66	0	137
Tanta	01	8	32	3	1	4	8	19.4	20.0	40	0	00	8	00	0	1	0	—	21.8	12.5	77	0	138
Zagazig	01	6	30	3	1	4	8	19.4	21.1	44	0	00	6	28	2	0	3	8	20.8	12.4	70	0	139
Shebîn el Kôm	01	8	30	3	1	3	8	18.8	20.8	35	0	00	8	28	2	1	0	—	20.0	12.1	66	0	—
Cairo Almaza	01	7	02	2	1	3	8	18.7	19.7	34	0	00	7	02	3	0	0	—	20.3	14.8	46	0	141
Cairo Ezbekîya	01	8	30	2	0	3	8	19.1	20.9	40	0	00	8	30	2	0	0	—	20.4	14.1	65	0	—
Cairo Gîza	00	8	30	2	1	2	8,5	19.1	19.8	43	0	00	6	30	4	0	0	—	21.0	14.3	54	0	—
Helwân	00	8	30	3	0	2	8	18.8	19.0	34	0	00	6	32	5	0	0	—	20.3	15.0	43	0	143
Suez	00	9	02	1	0	0	—	18.8	20.0	30	0	00	9	32	2	0	0	—	20.0	15.2	53	0	144
Faiyûm	00	8	32	3	0	0	—	18.8	20.0	38	0	00	8	32	2	0	0	—	19.6	16.1	52	0	153
Minya	02	8	30	3	2	5	2	17.8	20.2	41	0	00	8	32	2	1	0	—	18.8	16.8	51	0	154
Asyût	00	8	30	2	0	0	—	17.5	20.0	40	0	00	6	20	1	0	0	—	17.9	15.3	58	0	155
Nag Hamâdi	00	8	22	2	0	0	—	15.6	24.3	24	0	00	8	26	1	0	0	—	16.2	17.8	35	0	164
Qena	00	4	26	3	0	0	—	14.7	29.6	15	0	00	6	22	2	0	0	—	15.8	18.6	41	0	156
Luxor	00	7	02	2	0	0	—	15.6	28.2	21	0	00	6	28	2	0	0	—	15.4	20.3	44	0	157
Aswân	00	9	32	3	0	0	—	13.1	29.0	08	0	00	9	32	1	0	0	—	14.3	24.0		0	158
Sîwa	00	8	04	3	0	0	—	21.1	21.5	46	0	00		00	0	0	0	—	20.4	18.6	44	0	148
Baharîya	00	9	00	0	0	0	—	19.6	21.0	49	0												149
Khârga	00	9	32	4	0	0	—	17.8	23.8	22	0	00	9	32	2	0	0	—	16.4	20.6	27	0	151
Dâkhla	00	8	28	3	0	0	—	18.6	22.8	38	0	00	6	32	2	0	0	—	19.2	17.6	38	0	152
Tôr	00	7	28	6	0	0	—	15.1	19.5	53	0	00	7	28	6	0	0	—	16.7	19.2	39	0	145
Hurghâda	00	9	30	6	0	0	—		23.4	33	0	00	9	28	6	0	0	—	16.0	21.8	51	0	146
Quseir	00	8	32	4	0	0	—	15.1	23.6	42	0	00	8	32	4	0	0	—	15.0	20.6	47	0	147
Port Sûdân	00	7	06	5	0	1	1	10	28	66	0												189
Wâdi Halfa	00	8	02	3	0	0	—	13?	29	08	0												165
Kareima	00	8	32	4	0	0	—	12	34	05	0												166
Atbara	00	7	32	4	0	3	1	6	36	07	0												167
Khartûm	02	7	30	4	1	5	2	6	36	09	0												168
Kassala	00	8	32	2	0	0	—	0	40	11	0												170
Wad Medani	02	8	32	5	0	7	1	2	39	13	0												171
Renk	00	9	28	3	0	0	—	0	40	20	0												182
Roseires	00	8	28	1	0	0	—	—	41	18	0												172
El Obeid	01	8	04	5	1	3	4,2	5	36	13	0												174
El Fâsher	01	8	32	3	1	3	1	—	33	14	0												175
Geneina	00	8	02	4	0	0	—	—	34	04	0												179
Kadugli																							187
Malakâl	00	7	30	2	0	0	—	1	40	11	0												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 31-3 (٣١-٣)

Matrûh 13h	Mariut	Port Saîd	Almaza	Minya	Luxor 13h	Hurghâda	Wâdi Halfa 13h 15m	Kareima 13h 15m	Khartûm	Kassala 12h 30m	El Obeid 12h 30m	Malakal 13h 30m	Juba
03 35 25					03 34 15		09 01 35	09 36 15		09 36 30	09 02 30	09 04 15	
06 34 40					06 32 15		15 02 35	15 35 10		15 05 15	15 04 55	15 04 16	
09 34 50					09 30 20		21 01 40	21 32 10		21 34 10	21 05 95	21 07 15	
12 34 40					15 34 20		27 35 15			27 30 15	27 15 50	27 08 15	
15 34 50					21 32 35		33 28 25			33 30 20		33 08 05	
					27 33 35		39 28 30						
					30 34 40								
					39 32 50								

Remarks

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

Station	Mean of day Humidity % on 31-3	Diff from normal	Wet bulb temp on 31-3	Diff from normal
Alexandria	45	-21	10.7	-3.4
Ezbekîya	59	+2	11.7	-2.5
Gîza	60	0	10.9	-3.2
Helwân	49	+5	10.0	-2.6

GIZA — Grass minimum temp on 1-4: 2.2

CAIRO — Water temp River Nile 8h on 1-4: 18.5

Discharges at Aswan	Date	1946	1945
	1-4	810	810
	31-3	668	810

Gauge	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1946	m.	m.	m.	m.
Jûba	1-4	—	—	—	—
Nâsser		—	—	4.84	-0.28
Malakâl		9.67	-0.42	9.68	-0.42
J. Aulia Res.		—	—	375.43	—
J. Aulia D S		—	—	371.79	+0.66
Roseires		11.58	+0.23	11.58	+0.23
Sennar Res.		—	—	—	—
Khartum		—	—	19.56	+0.34
Kh. el Girba		—	—	—	—
Gaafra		10.52	+0.5	10.52	+0.57
Sinnari		—	—	134.80	+0.82
Aswan Res.		119.64	—	119.62	—
Aswan D S		84.87	-0.75	84.96	-0.66
Roda (Cairo)		15.60	+0.04	15.58	+0.07

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

At 8h. on MONDAY 1st — الساعة ٨ يوم الاثنين أول

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																		
Salûm																		
Matrûh	00	9	04	3	0	0	—	23.4	+7.8	15.2	18	-3	13	+1	76	0	88	156
Mariut	01	8	08	2	1	4	6	24	—	14	18	—	8	—	55	0	181	137
Alexandria	02	9	08	2	2	5	4	23.9	+8.8	16.4	19	-3	11	-3	42	0	165	181
Damietta	01	8	04	3	1	3	6	23.5	+8.6	15.2	18	—	12	—	64	0	68	101
Port Saîd	01	8	30	4	1	3	6	23.2	+9.1	15.0	22	0	13	-1	64	0	45	72
El 'Arîsh																0	51	85
Lower Egypt																		
Damanhûr	00	6	12	4	0	2	8	23.4	+8.2	13.0	19	-6	9	-2	66	0	81	94
Mansûra	00	8	02	2	0	0	—	23.5	+8.1	15.0	20	-5	9	-2	53	0	27	48
Tanta	00	8	04	1	0	0	—	24.3	+8.9	14.5	21	-5	5	-5	53	0	59	35
Zagazig	00	6	04	3	0	0	—	23.5	+8.2	14.0	22	-4	8	-2	59	0	9	25
Shebîn el Kôm	00	8	02	2	0	0	—	22.4	+7.2	14.8	22		7		54	0	19	
Middle Egypt																		
Cairo Almaza	00	7	06	4	0	0	—	22.7	—	13.1	21	—	8	—	47	0	3	
Cairo Ezbekîya	05	7	02	3	0	0	—	23.1	+7.7	13.0	22	-5	8	-4	59	0	3	23
Cairo Gîza	09	6	02	3	0	0	—	23.5	+7.8	12.9	20	-6	5	-4	59	0	15	22
Helwân	00	7	04	4	0	0	—	22.8	+7.6	13.2	20	-6	9	-4	49	0	4	25
Suez	00	9	04	1	0	0	—	—	—	13.2	22	-4	8	-6	52	0	—	15
Upper Egypt																		
Faiyûm	00	8	02	4	0	0	—	22.6	+7.6	13.8	21	-6	8	-3	54	0	8	7
Minya	00	8	32	2	0	0	—	21.5	+6.2	11.4	22	-7	9	-2	67	0	dr	
Asyût	00	7	28	1	0	0	—	20.6	+5.7	13.5	23	-6	7	-5	56	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	18.7	+4.5	15.8	25	—	10	—	56	0	1	
Qena	00	7	26	2	0	0	—	17.5	+3.6	16.6	31	-2	10	-4	50	0	13	
Luxor	00	7	28	2	0	0	—	17.5	+3.5	20.0	29	-3	10	-3	40	0	0	
Aswân	00	9	32	3	0	0	—	17.1	+3.7	17.8	30	-3	15	-2	29	0	dr	—
Western Desert																		
Sîwa	00	7	06	5	0	0	—	22.6	+6.0	13.5	24	-3	9	-1	61	0	1	7
Baharîya																	0	7
Khârga	00	9	32	2	0	0	—	19.0	+4.5	15.6	25	-6	11	-2	55	0	tr.	
Dâkhla	00	7	08	2	0	0	—	20.3	+5.3	16.3	24	-7	11	-1	57	0	0	
Red Sea																		
Tôr	00	7	28	4	0	0	—	18.6	+5.2	16.4	20	-6	10	-5	46	0	0	13
Hurghâda	00	9	28	6	0	0	—	18.3	+4.9	16.8	24	-3	12	-2	74	0	tr	3
Quseir	00	8	32	6	0	0	—	17.5	+4.4	18.8	25	-1	17	-1	56	0	11	4
Port Sûdân	00	8						13		24					69	0	17	95
North Sûdân																		
Wâdi Halfa	00	8	02	3	0	0	—	17		18					22	0	tr.	
Kareima	00	8	06	3	0	0	—	13		21					17	0	7	1
Atbara	00	8	32	3	0	0	—	10		24					22	0	2	2
Khartûm	00	8	32	4	0	0	—	10		25					11	0	3	4
Kassala	00	8	02	3	0	2	3	7		26					51	0	31	9
Central Sûdân																		
Wad Medani	01	9	02	4	1	3	3	10		26					06	0	13	12
Renk	00	9	32	3	0	0	—	—		29		—		—	17	—	—	49
Roseires	00	8	28	2	0	0	—	7		29					17	0	82	39
El Obeid	01	8	32	4	1	3	1	12		24					34	0	44	17
El Fâsher	01	8	02	2	1	3	1	—	—	20					21	0	2	6
Geneina	00	8	02	4	0	1	4	—	—	22		—		—	07	0	—	4
Kadugli	00	7	04	4	0	3	1	8		29								92
S. Sûdân																		
Malakâl	01	8	02	4	1	3	4	6		29					07	0	170	94
Wâu																0	113	175
Juba	00	8	14	1	0	2	4,1	6		32					31	0	199	193

Upper Winds are in the Code HHDDVV where HH is Height 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 1-4 (الرياح العليا يوم ١-٤)

Matrûh 6h 30m	Mariut 7h	Port Saîd	Helwân 9h 15m	Minya 7h 15m	Asyût	Luxor 7h	Aswân	Wâdi Halfa 7h 15m	Abu Hamad 7h	Kareima 6h 45m	Khartûm 6h 30m
03 03 30	03 05 15		02 06 30	03 01 40		03 35 05		09 03 40	07 03 35	09 05 65	07 03 65
06 02 30	06 04 20		05 06 20	06 01 40		06 36 05		15 03 40	15 03 50	15 04 35	15 01 15
09 01 35	09 04 15		08 06 30	09 02 35		09 35 20		21 02 45	21 35 25	21 31 15	21 30 15
	12 04 20		10 05 30	15 35 20		15 34 20			27 36 30	24 04 10	24 29 40
			15 01 30	21 35 30		21 33 40			33 36 20	30 06 25	
			20 34 30			27 31 50			39 29 05		
			23 33 30			30 30 50					
			25 33 30			36 31 55					
			30 32 35								

Kassala 7h	Port Sûdân 7h	El Obeid 7h 15m	El Fâsher 7h	Geneina 7h	Malakal 6h 30m
09 07 05	09 02 45	09 01 45	09 36 15	09 05 45	09 02 70
15 05 15	15 02 30	15 05 45	15 02 20	15 06 50	15 02 65
21 03 20	21 11 20	21 03 40	21 04 30	21 06 45	21 04 45
27 04 20	27 07 25	27 02 10	24 03 35	27 02 20	27 03 30
	33 05 10	33 01 25		33 36 40	33 02 15
				39 33 35	39 32 05

UPPER AIR TEMP. ALMAZA at 24 G.M.T. on 31st March

Height feet	P.P.P. mb.	T.T. °F	°F
Surface	1012	50	45
500	994	52	44
1000	976	49	43
1500	958	47	42
2000	941	45	40
4000	874	43	29
6000	811	43	29
8000	752	38	29
10000	696	28	23
12000	644	21	18
14000	595	14	13
16000	540	06	05

CYPRUS SYNOPTIC 8h. ON 1-4
347cc 00996 26260 22120 20301 00026-
3465+ 01771 26611 24236 xxxxx 00038

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. 09 = East, 18 = South, 27 = West, 36 = North.

PRESENT WEATHER ww

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low fog [illegible]
Thin haze [illegible]
Dust devils [illegible]
Distant lightning [illegible]
Light mist [illegible]
Distant fog [illegible]
Rain in sight [illegible]
[illegible]
Distant duststorm [illegible]
Squally [illegible]
Slight duststorm [illegible]
Rain in last hour [illegible]
Slight thunderstorm [illegible]
Heavy thunderstorm [illegible]
Duststorm [illegible]
Fog or thick haze [illegible]
Mod. fog in last hour [illegible]
Thick [illegible]
Fog in patches [illegible]
Drizzle [illegible]
Rain [illegible]
Rain and fog [illegible]
Rain and snow [illegible]
Snow [illegible]
Showers [illegible]
of Snow [illegible]
of Sleet [illegible]
of Hail [illegible]
Thunderstorm [illegible]
[illegible]

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at
50 metres 0
200 1
500 2
1 Kilometre 3
[illegible] 4
[illegible] 5
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 05 h. 44 m.
Sunset 18 h. 14 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. and 20h. on MONDAY 1st — الساعة ١٤ يوم الأثنين ١

STATION	14h Present weather (ww)	Visibility (V)	Wind Dir. (DD)	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.	Force	Past weather	Cloud Amount	Cloud Form	Bar press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20 h. mms	Station number
SALÛM																							130
MATRÛH	00	9	04	2	0	0	—	24.0	17.5	55	0	00	8	08	2	0	0	—	23.5	14.5	66	0	131
MARIUT	00	8	15	4	0	1	8	24	18	37	0	00	7	05	2	0	0	—	24	12	63	0	150
ALEXANDRIA	01	9	04	4	2	3	8	24.2	17.6	42	0	00	5	04	2	0	0	—	24.0	13.8	59	0	132
DAMIETTA	00	8	04	4	1	0	—	24.0	16.5	56	0	00	8	06	3	0	0	—	23.5	14.0	67	0	159
PORT SAÏD	00	8	04	5	1	3	1	23.9	17.6	88?	0	00	8	02	3	0	3	1	23.8	14.0	87	0	134
EL ARÎSH	00	7	30	1	0	0	—	—	18.7	59	0	00	7	20	1	0	0	—	—	14.5	82	0	135
DAMANHÛR	01	7	12	5	1	3	8	23.2	19.2	47	0	00	6	16	3	1	0	—	23.2	12.0	76	0	136
MANSÛRA	00	8	02	3	0	0	—	23.9	20.0	35	0	00	6	02	3	0	0	—	23.5	13.0	59	0	137
TANTA	01	8	32	2	1	4	8	23.0	20.5	39	0	00	8	04	1	1	0	—	23.9	12.0	76	0	138
ZAGAZIG	00	6	32	4	0	0	—	22.6	18.9	37	0	00	6	32	4	0	0	—	22.4	13.4	66	0	139
SHEBÎN EL KÔM	00	8	02	3	0	1	8	22.2	20.9	34	0	00	8	02	3	0	0	—	23.2	13.2	63	0	—
CAIRO ALMAZA	00	8	02	6	0	0	—	21.5	19.9	27	0	00	7	06	6	0	0	—	24.0	15.0	34	0	141
CAIRO EZBEKIYA	00	8	02	5	0	0	—	21.9	21.6	27	0	00	8	02	3	0	0	—	22.2	15.0	50	0	—
CAIRO GÎZA	18	7	02	4	3	0	—	21.8	20.5	30	0	00	7	04	3	0	0	—	21.9	15.4	43	0	—
HELWÂN	00	8	02	5	0	0	—	21.2	20.9	20	0	00	7	04	6	0	0	—	21.4	14.9	39	0	143
SUEZ	00	9	02	3	0	0	—	21.9	20.0	26	0	00	9	32	2	0	0	—	22.0	15.4	43	0	144
FAIYÛM	00	8	02	4	0	0	—	20.6	21.6	19	0	00	8	32	2	0	0	—	21.0	14.6	49	0	153
MINYA	00	9	32	3	0	0	—	—	22.0	29	0	00	8	32	3	0	0	—	19.0	17.0	35	0	154
ASYÛT	00	8	28	2	0	0	—	18.3	24.0	15	0	00	6	28	1	0	0	—	18.0	15.9	52	0	155
NAG HAMADI	00	8	24	2	0	0	—	16.2	26.4	21	0	00	8	00	0	0	0	—	16.4	16.0	43	0	164
QENA	00	9	22	2	0	0	—	15.5	30.0	18	0	00	6	24	1	0	0	—	15.6	21.3	28	0	156
LUXOR	00	7	30	2	0	0	—	15.8	30.0	16	0	00	6	28	1	0	0	—	15.0	20.4	30	0	157
ASWÂN	00	9	32	3	0	0	—	13.8	29.0	09	0	00	9	32	3	0	0	—	14.0	24.0	15	0	158
SÎWA	00	8	06	2	0	0	—	22.8	21.0	40	0	00		00	0	0	0	—	21.6	16.0	41	0	148
BAHARÎYA	00	9	00	0	0	0	—	18.0	21.0	49	0	00		00	0	0	0	—	19.4	—	—	0	149
KHÂRGA	00	9	04	4	0	0	—	16.7	24.6	17	0	00		32	3	0	0	—	17.1	22.0	20	0	151
DÂKHLA	00	8	28	3	0	0	—	17.5	24.5	28	0	00	6	08	1	0	0	—	18.8	18.4	28	0	152
TÔR	00	7	28	6	0	0	—	19.1	19.9	43	0	00	7	28	5	0	0	—	20.4	19.3	63	0	145
HURGHÂDA	00	9	30	4	0	0	—	18.7	20.7	62	0	00	9	28	3	0	0	—	17.9	19.3	64	0	146
QUSEIR	00		32	5	0	0	—	17.1	23.0	53	0	00	8	32	4	0	0	—	—	19.6	50	0	147
PORT SÛDÂN	18	6	32	5	3	0	—	10	28	70													108
WÂDI HALFA	00	8	02	4	0	0	—	14	30	09													165
KAREIMA	00	7	02	4	0	0	—	9	30	09													166
ATBARA	00	7	02	4	0	0	—	6	36	07													167
KHARTÛM	00	8	03	5	0	0	—	5	36	09													209
KASSALA	01	8	02	3	0	4	4,1	2	38	21													170
WAD MEDANI	02	8	32	5	1	5	8	3	38	21													171
RENK	00	9	28	3	0	0	—	2	39	20													182
ROSEIRES	01	7	28	2	0	4	1	3	41	16													172
EL OBEID	00	8	32	4	0	3	1	4	34	32													174
EL FASHER	01	8	04	2	1	4	2	—	32	09													175
GENEINA	01	8	04	3	0	4	1	—	34	05													179
KADUGLI	01	8	04	4	1	4	—	4	38	—													187
MALAKAL	01	8	02	3	1	5	4,5	2	38	09													176
WAU																							177
JUBA	28	8	26	1	1	6	9,4	3	32	43													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

MATRÛH 13 h.	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR 13 h.	HURGHÂDA	WÂDI HALFA 13 h. 15 m.	KAREIMA	KHARTÛM 13 h. 30 m.	KASSALA 12 h. 45 m.	EL OBEID 12 h. 46 m.	MALAKAL 13 h.	JUBA
03 04 15					03 35 08		09 09 40		09 01 25	09 04 15	09 01 40	09 03 20	
06 04 15					06 35 15		15 01 35		15 36 25	15 02 10	15 02 25	15 05 25	
09 04 10					09 33 15		21 01 35		21 31 20	21 01 05	21 04 15	21 07 30	
15 36 15					15 02 20				24 29 25	27 05 20	27 36 15	27 05 25	
21 34 15					20 02 35				30 27 15	33 24 15	33 35 10	33 05 25	
30 31 20					30 01 40				39 21 25	39 01 10		39 03 15	
45 32 40													

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

Region	STATION	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	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	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												—		—				94
	MATRÛH	02	9	08	1	1	6	4	23.1	+7.5	15.5	18	−3	10	−2	76	0	88	156
	MARIUT	00	8	05	3	0	1	8	23		16	18	—	9	—	48	0	181	137
	ALEXANDRIA	01	9	12	2	2	3	8	23.2	+8.2	17.2	20	−3	12	−2	50	0	165	181
	DAMIETTA	02	8	02	4	1	6	6	22.4	+7.5	15.0	17	—	13	—	76	0	68	101
	PORT SAÏD	02	8	04	4	2	5	6	22.6	+8.6	15.3	19	−3	14	−1	87	0	45	72
	EL ARÎSH	00	7	30	1	0	0	—	—	—	16.4	20	−3	10	−2	79	0	51	85
LOWER EGYPT	DAMANHÛR	01	6	12	4	1	3	8	22.6	+7.5	15.0	20	−5	9	−2	68	0	81	94
	MANSÛRA	01	8	32	3	1	4	6	22.7	+7.4	15.0	20	−5	10	−1	66	0	27	48
	TANTA	00	8	04	2	0	0	—	23.0	+7.6	14.5	21	−5	5	−5	62	0	59	35
	ZAGAZIG	00	6	32	2	0	0	—	22.2	+6.9	12.6	20	−6	6	−4	72	0	9	25
	SHEBÎN EL KÔM	00	8	02	3	0	0	—	21.8	+6.7	14.9	21	—	6	—	62	0	19	
MIDDLE EGYPT	CAIRO ALMAZA	00	7	06	4	0	0	—	21.3	+6.0	13.2	21	—	7	—	51	0	3	—
	CAIRO EZBEKÎYA	05	6	02	4	0	0	—	21.9	+6.6	12.9	22	−5	7	−5	60	0	3	23
	CAIRO GÎZA	09	7	30	2	0	0	—	21.9	+6.2	12.3	21	−5	6	−4	63	0	15	22
	HELWÂN	14	7	04	9	0	0	—	20.0	+4.9	13.2	21	−5	10	−3	53	0	4	25
	SUEZ	00	9	30	2	0	0	—	21.8	+6.6	13.8	22	−4	8	−6	57	0	—	15
UPPER EGYPT	FAIYÛM	00	8	02	4	0	0	—	20.7	+5.2	13.8	22	−6	9	−2	45	0	1	8
	MINYA	00	8	32	2	0	0	—	19.4	+4.2	11.5	23	−6	8	−4	63	0	tr	—
	ASYÛT	00	7	22	1	0	0	—	18.7	+3.9	12.1	26	−3	6	−6	58	0	0	4
	NAG HAMÂDI	00	8	00	0	0	0	—	18.4	+4.3	15.0	27	—	7	—	48	0	1	—
	QENA	00	7	26	2	0	0	—	17.9	+4.1	14.0	30	−4	7	−7	57	0	13	—
	LUXOR	00	7	28	2	0	0	—	17.8	+3.9	18.0	31	−2	8	−5	36	0	0	—
	ASWÂN	00	9	32	3	0	0	—	16.6	+3.3	16.0	30	−4	13	−4	29	0	tr	—
WESTERN DESERT	SÎWA	00	7	08	2	0	0	—	20.4	+3.9	14.8	23	−4	8	−2	60	0	1	8
	BAHARÎYA	00	9	00	0	0	0	—	21.5	+5.5	12.0	22	−6	8	−3	76	0	0	7
	KHÂRGA	00	9	32	1	0	0	—	18.6	+4.1	12.6	25	−6	9	−4	46	0	1	—
	DÂKHLA	00	8	00	0	0	0	—	19.9	+5.0	16.0	25	−6	8	−4	64	0	0	—
RED SEA	TÔR	00	7	04	3	0	0	—	—	—	19.1	20	−6	10	−5	37	0	0	13
	HURGHÂDA	00	9	30	5	0	0	—	18.2	+4.9	17.4	22	−5	10	−4	68	0	1	3
	QUSEIR	00	8	32	4	0	0	—	15.9	+2.9	20.0	24	−2	16	−2	58	0	11	4
	PORT SÛDÂN	01	8	30	2	1	4	0	12		25					28	0	17	95
NORTH SÛDÂN	WÂDI HALFA	00	8	04	1	1	3	1	16		17					18	0	tr	—
	KAREIMA	01	7	04	3	1	4	2	13		22					19	0	7	1
	ATBARA	00	8	32	3	0	3	1	11		22					31	0	2	2
	KHARTÛM	00	8	28	2	0	0	—	12		21					31	0	3	4
	KASSALA	02	8	04	3	1	5	4	8		24					54	0	31	9
CENTRAL SÛDÂN	WAD MEDANI	01	9	02	3	1	5	6	11		24					13	0	13	12
	RENK	01	9	30	3	1	4	6,5	—		28		—		—	25	—	—	49
	ROSEIRES	02	7	28	1	1	8	8	8		27					—	0	82	39
	EL OBEID	01	8	02	4	0	4	4	11		24					38	0	44	17
	EL FÂSHER	01	8	30	2	1	3	1	—	—	19					12	0	2	6
	GENEINA	00	8	02	3	0	0	—	—	—	22		—		—	09	0	—	4
	KADUGLI	02	8	04									—		—			—	93
S. SÛDÂN	MALAKÂL								9		27					17	0	170	94
	WÂU																	113	176
	JUBA	02	8	32	1	6	5	8	13		24					84	tr	199	195

Upper Winds are in the Code HHDDVV where HH is Height 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 SAÏD 6 h. 30 m.	HELWÂN 8 h. 45 m.	MINYA 7 h.	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. 15 m.	KAREIMA	KHARTÛM 7 h. 30 m.
		03 05 30	03 05 50	03 02 40				09 02 35	09 01 40		09 04 55
		06 04 35	05 05 20	06 03 15				15 33 20	15 01 35		15 04 40
		09 04 35	08 05 40	09 02 20				21 34 75	21 01 20		
		15 05 25	09 05 70	15 35 20				27 32 65	24 01 20		
				21 35 15				30 32 70			

KASSALA 7 h.	PORT SÛDÂN 7 h.	EL OBEID	EL FÂSHER	GENEINA 7 h.	MALAKAL 7 h. 15 m.
09 06 15	09 03 25			09 16 40	02 04 40
15 14 20	15 08 10			15 09 40	18 04 50
21 12 40	21 14 10			21 23 15	21 08 05
27 09 05				27 33 15	24 09 40
				33 26 35	
				39 25 15	

UPPER AIR TEMP ALMÂZA AT 04 GMT ON 2nd

HEIGHT (feet)	PPP (m.b.)	TT (°F)	(°F)
Surface	1012	47	42
500	994	50	43
1000	976	50	43
1500	958	47	42
2000	941	46	41
4000	874	46	34
6000	811	41	29
8000	752	37	28
10000	696	29	25
12000	644	21	20
14000	595	13	12
16000	548	7	6

CYPRUS SYNOPTIC 8h. ON 2nd
34700 00990 04300 21150 70103 00060
34800 03990 08100 24130 60301 00040

Remarks

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

Discharges at Aswan measured in million m³ per day	Date	1946	1945
	2-4	810	810
	1-4	810	810

STATION	Mean of day: Humidity % on 1st	Diff from normal	Wet bulb temp °C on 1st	Diff from normal
Alexandria	48	−18	10.7	−3.5
Ezbekîya	50	−7	10.7	−3.6
Gîza	48	−11	10.4	−3.8
Helwân	40	−3	9.5	−3.1

GIZA — GRASS MINIMUM TEMP on 2nd: 4.2

CAIRO — WATER TEMP RIVER NILE 9h on 2nd: 17.8

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2-4-46			12.48	−0.79
Nâsser				4.84	−0.29
Malakâl		9.66	−0.42	9.67	−0.42
J. Aulia Res.					
J. Aulia D.S.					
Roseires		11.57	+0.23	11.58	+0.23
Sennar Res.				17.20	—
Khartûm		10.54	+0.30	10.54	+0.31
Kh. el Girba					
Atbara		10.50	+0.54	10.52	+0.56
Kajnarti		132.72	+0.77	132.75	+0.79
Aswan Res.		119.67	—	119.64	—
Aswan D.S.		84.84	−0.77	84.87	−0.75
Roda (Cairo)		15.64	+0.13	15.60	+0.09

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 30-39
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick … 42
Fog in patches 43
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
… of Snow 83, 84
… of Sleet 85, 86
… of Hail 88, 89
Thunderstorm 90-99
… ended, now Rain 91
… with Hail 94-96
… with Duststorm 98
… Heavy, with Hail 99

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

VISIBILITY (V)
Objects not visible at
50 metres 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.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 05h 43m
Sunset 18h 14m

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on TUESDAY 2nd (الساعة ١٤ يوم الثلاثاء ٢) and At 20h. on TUESDAY 2nd (الساعة ٢٠ يوم الثلاثاء ٢)

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	20h Visibility	20h Wind Dir.	20h Wind Force	20h Past Weather	20h Cloud Amount	20h Cloud Form	20h Bar Press	20h Temp. °C	20h % Humidity	Rain 14-20h mms	Station Number
Mediterranean	Sallûm																							130
	Matrûh	00	9	02	1	0	0	–	23.0	17.3	53	0	00	8	08	1	0	0	–	22.4	14.6	68	0	131
	Mariut												00	8	01	2	0	0	–	21	14	67	0	150
	Alexandria	01	9	04	2	2	4	8	21.5	18.2	52	0	01	5	04	3	2	3	4	21.6	14.0	67	0	132
	Damietta	00	8	04	3	1	2	4	21.0	16.8	70	0	00	8	34	3	1	0	–	20.3	14.2	85	0	159
	Port Sa'îd	00	8	02	5	0	1	1	21.0	18.6	87	0	14	8	30	5	0	0	–	20.0	14.9	86	0	134
	El 'Arîsh	00	7	30	1	0	0	–	—	19.2	61	0												135
Lower Egypt	Damanhûr	01	7	08	4	1	3	8	20.8	19.2	47	0	00	6	08	3	0	0	–	20.6	13.7	72	0	136
	Mansûra	01	8	02	3	1	4	0	21.0	20.2	45	0	00	6	04	2	1	0	–	20.4	13.4	69	0	137
	Tanta	01	8	32	3	1	4	4	20.3	21.2	46	0	00	8	00	0	1	0	–	21.6	12.7	87	0	138
	Zagazig	00	6	32	3	0	0	–	19.6	20.4	45	0	00	6	30	2	0	0	–	20.4	13.2	82	0	139
	Shebîn el Kôm	00	8	02	4	0	1	8	19.4	21.8	39	0	00	8	30	3	0	0	–	21.2	13.8	67	0	—
Middle Egypt	Cairo Almaza	00	8	04	5	0	1	1	18.4	22.0	23	0	00	7	02	4	0	0	–	19.8	15.2	56	0	141
	Cairo Ezbekîya	00	8	02	4	3	1	1	18.8	22.8	40	0	00	6	32	4	0	0	–	20.0	14.9	74	0	—
	Cairo Gîza	18	7	02	4	0	1	5	18.7	22.0	42	0	00	7	02	3	3	0	–	19.8	15.5	65	0	—
	Helwân	00	8	02	6	0	0	–	18.2	21.6	20	0	00	7	32	4	0	0	–	19.1	15.1	57	0	143
	Suez	00	9	30	2	0	0	–	18.7	22.2	29	0	00	9	30	2	0	0	–	19.8	15.1	61	0	144
Upper Egypt	Faiyûm	00	8	02	4	0	0	–	19.4	22.8	26	0	00	8	02	4	0	0	–	18.6	17.1	51	0	153
	Minya	00	9	02	3	0	0	–	16.3	24.2	25	0	00	8	30	3	0	0	–	16.6	17.6	45	0	154
	Asyût	00	8	20	2	0	0	–	15.9	25.3	21	0	00	6	22	1	0	0	–	15.6	17.9	41	0	155
	Nag' Hamâdi	00	8	00	0	0	0	–	15.6	27.3	16	0	00	8	00	0	0	0	–	13.4	19.0	30	0	164
	Qena	00	9	24	1	0	0	–	13.9	29.8	12	0	00	6	24	2	0	0	–	13.9	18.4	35	0	156
	Luxor	00	7	22	1	0	0	–	13.9	30.5	12	0	00	6	28	1	0	0	–	14.4	21.2	26	0	157
	Aswân												00	9	32	1	0	0	–	13.0	23.6	10	0	158
Western Desert	Sîwa	00	8	06	1	0	0	–	20.7	23.2	43	0	00	–	00	0	0	0	–	20.7	18.0	53	0	148
	Baharîya	00	9	00	0	0	0	–	18.6	20.0	47	0	00	–	00	0	0	0	–	20.3	—	—	0	149
	Khârga	00	9	00	0	0	0	–	16.7	26.0	14	0	00	–	30	1	0	0	–	16.0	21.2	13	0	151
	Dâkhla	00	8	28	3	0	0	–	17.0	24.6	27	0	00	6	08	1	0	0	–	18.3	18.9	24	0	152
Red Sea	Tôr	00	7	28	4	0	0	–	16.4	21.2	49	0	00	7	28	4	0	0	–	14.6	19.1	63	0	145
	Hurghâda	00	9	32	5	0	0	–	16.1	22.2	67	0	00	9	28	4	0	0	–	15.6	20.8	61	0	146
	Quseir	00	8	32	3	0	0	–	15.1	24.2	43	0	00	8	32	2	0	0	–	14.2	21.6	38	0	147
	Port Sûdân	00	8	06	4	0	0	–	10	27	79	0												189
North Sûdân	Wâdi Halfa	00	8	02	3	0	0	–	13	30	07	0												165
	Kareima	00	7	02	5	1	0	–	10	35	11	0												166
	'Atbara	00	7	02	4	0	0	–	6	34	09	0												167
	Khartûm	01	7	02	4	0	3	1	7	34	36	0												168
	Kassala	01	8	32	2	1	4	4	2	38	27	0												170
Central Sûdân	Wad Medani	01	8	30	4	1	3	3	5	38	06	0												171
	Renk	00	9	24	3	0	0	–		34	20	0												182
	Roseires	01	7	16	1	1	4	1	3	41	16	0												172
	El Obeid	02	8	04	4	1	7	4,2	6	34	27	0												174
	El Fâsher	00	7	02	4	1	3	1	—	33	07	0												175
	Geneina	00	7	02	3	0	0	–	—	34	07	0												179
	Kadugli	02	7	04	3	1	6		6	38	06	0												187
S. Sûdân	Malakâl	02	8	18	2	1	6	2	5	38	19	0												176
	Wâu																							177
	Juba	01	8	02	3	1	4	4,1	6	35	30	0												178

At 8h. on WEDNESDAY 3rd (الساعة ٨ يوم الأربعاء ٣)

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	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	Sallûm												—		—				
	Matrûh	02	9	04	2	0	5	8	22.4	+6.9	15.6	18	-3	14	+2	64	0	88	156
	Mariut	01	8	04	3	1	4	6	21	—	17	19	—	13	—	56	0	181	137
	Alexandria	01	9	04	3	2	4	4	21.1	+6.2	17.3	20	-3	14	0	59	0	165	161
	Damietta	00	7	02	4	1	2	4	19.9	+5.1	16.2	17	—	13	—	85	0	68	101
	Port Sa'îd	00	8	04	4	0	0	–	19.6	+5.6	18.2	20	-2	14	-1	75	0	45	72
	El 'Arîsh																0	51	85
Lower Egypt	Damanhûr	01	6	12	4	1	3	8	20.4	+5.3	15.0	21	-4	10	-1	75	0	81	94
	Mansûra	00	8	02	2	0	0	–	20.6	+5.4	15.0	22	-3	9	-2	70	0	27	46
	Tanta	00	8	00	0	0	0	–	20.0	+4.7	15.0	22	-4	5	-5	78	0	59	35
	Zagazig	00	6	32	3	0	0	–	20.0	+4.6	15.8	22	-4	8	-2	73	0	9	25
	Shebîn el Kôm	00	8	02	2	0	0	–	19.5	+4.4	15.0	22	—	7	—	70	0	19	
Middle Egypt	Cairo Almaza	05	6	04	3	2	5	6	19.9	+4.6	13.1	22	—	10	—	74	0	3	—
	Cairo Ezbekîya	09	6	02	3	1	5	8	20.0	+4.7	13.2	24	-3	10	-2	77	0	3	23
	Cairo Gîza	09	6	02	4	1	5	8	19.9	+4.3	13.7	22	-5	9	-1	80	0	15	22
	Helwân	00	7	02	5	0	1	0	19.0	+4.0	14.3	22	-5	11	-2	72	0	4	25
	Suez	00	9	30	1	0	3	3	19.1	+4.0	16.0	24	-2	12	-2	69	0	—	15
Upper Egypt	Faiyûm	01	8	02	4	0	3	8	19.2	+3.8	14.8	23	-5	10	-2	71	0	8	8
	Minya	00	9	32	3	0	0	–	17.4	+2.3	13.7	25	-4	10	-2	69	0	dr	—
	Asyût	00	7	22	1	0	0	–	17.4	+2.7	13.1	26	-3	8	-5	68	0	0	4
	Nag' Hamâdi	00	8	24	1	0	0	–	16.2	+2.2	16.2	28	—	10	—	54	0	1	—
	Qena	00	7	26	2	0	0	–	15.1	+1.4	16.6	33	-1	10	-4	41	0	13	—
	Luxor	00	7	28	2	0	0	–	14.8	+1.0	19.7	32	-1	7	-4	34	0	0	—
	Aswân	01	9	00	0	1	3		14.4	+1.2	18.0	30	-4	13	-4	23	0	dr	—
Western Desert	Sîwa	00	7	00	0	0	0	–	21.9	+5.5	13.5	25	-3	7	-3	81	0	1	8
	Baharîya	00	9	00	0	0	0	–	—	—	12.6	21	-7	8	-3	76	0	0	7
	Khârga	00	9	32	1	0	0	–	17.0	+2.6	15.6	27	-4	12	-2	46	0	1	—
	Dâkhla	00	7	28	3	0	0	–	19.5	+4.6	13.7	25	-6	12	-1	69	0	0	—
Red Sea	Tôr	00	7	04	3	0	0	–	14.2	+1.0	19.2	22	-4	10	-5	47	0	0	13
	Hurghâda	00	9	28	4	0	0	–	15.9	+2.7	18.5	24	-3	10	-5	51	0	1	3
	Quseir	00	8	32	3	0	0	–	13.2	+0.2	20.0	25	-1	16	-2	49	0	11	4
	Port Sûdân	00	8	00	0	0	2		14		25					84	0	17	95
North Sûdân	Wâdi Halfa	00	8	04	1	0	0	–	15		18					24	0	tr	
	Kareima	02	8	06	2	1	6	2	14		21					17	0	7	1
	'Atbara	01	8	30	3	0	4	1	12		22					16	0	2	2
	Khartûm	01	8	32	4	1	4	4,1	12		24					09	0	3	4
	Kassala	00	8	02	3	0	1	4	9		29					25	0	31	9
Central Sûdân	Wad Medani	00	7	02	5	0	3	3	10		27						0	13	12
	Renk												—		—		—	—	49
	Roseires	01	7	24	1	1	4	1	—		25					61	0	82	39
	El Obeid	01	9	02	4	0	5	4,2	12		23					10	0	44	17
	El Fâsher	00	7	30	2	0	0	–	—	—	17					22	0	2	6
	Geneina	00	8	04	2	0	0	–	—	—	22		—		—	57	0	—	4
	Kadugli	02	7	04	4	1	5	8	9		29		—		—		—	—	93
S. Sûdân	Malakâl	02	8	04	4	1	5	4,5	9		29					07	0	170	95
	Wâu																0	113	178
	Juba	00	8	14	1	0	2	4	9		29					55	0	199	198

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 13h 30m	Mariut	Port Sa'îd	Almaza	Minya	Luxor 13h	Hurghâda	Wâdi Halfa 13h 15m	Kareima 12h 45m	Khartûm	Kassala	El Obeid	Malakal 13h	Juba 12h 15m
03 02 25					03 27 10		09 35 25	09 36 65				09 09 05	09 07 50
06 04 20					06 32 10		15 34 45	15 35 45				15 09 05	15 06 55
09 03 20					09 35 15		21 34 55	21 28 15				21 13 25	21 06 56
12 02 20					15 35 15		27 34 60	27 33 30				27 10 20	27 07 40
15 04 30					21 33 15							33 09 20	33 08 60
21 02 40					27 31 15								
					30 31 25								

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.

P. Said (Matrûh) 7h	Mariut 7h	Cairo (Port Sa'îd) 9h 15m	Helwân 8h 45m	Minya 7h	Matrûh 7h	Luxor 7h	Aswân	Wâdi Halfa 6h 45m	Abu Hamad 7h 15m	Kareima 7h	Khartûm 6h 30m
03 03 30	03 03 30	02 03 25	02 02 30	03 02 35	03 04 25	03 33 05		09 36 30	09 36 40	09 02 45	09 03 55
06 05 30	06 04 40	05 03 30	05 04 30	06 02 35	06 04 25	06 34 15		15 35 40	15 32 15	15 01 65	15 02 35
09 05 30	09 04 35	10 05 45	08 05 40	09 02 50	09 04 20	09 35 35		21 34 70	21 33 25	21 34 40	21 32 15
		13 05 45	10 05 35	12 02 30		15 31 35		27 33 55	27 31 30	27 33 30	24 28 20
		Ent. Cu.	15 04 35	15 02 30		21 32 20		30 32 50	33 28 15	33 27 40	30 20 15
			20 03 35	18 02 30		27 31 15			39 24 20		39 23 20
			23 04 35	24 36 30		30 26 10					

Kassala 6h 45m	Port Sûdân	El Obeid	El Fâsher 6h 30m	Geneina 7h	Malakal 7h
09 03 30			09 05 30	09 08 40	09 02 40
15 36 25			15 05 45	15 07 40	15 03 10
21 36 35			21 07 20	21 05 25	
33 09 20			27 10 20	27 33 15	

Upper Air Temp — Almâza at 04h G.M.T. on 3rd

Height feet	PPP m.b.	TT °F	°F
Surface	1009.7	50	48
500	990	52	49
1000	972	51	46.5
1500	954	48	47
2000	937	46	45
4000	871	48	34
6000	808	46	31
8000	749	38	25
10000	693	30.5	24
12000	641	23	20
14000	592	14	12
16000	546	5	5

Cyprus Synoptic 8h. on
34710 00960 22301 21150 95304 00510.
34800 00990 28202 21160 32300 00060.

Remarks

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

Station	Mean of day Humidity % on 2nd	Diff. from normal	Wet Bulb Temp °C on 2nd	Diff. from normal
Alexandria	61	-5	12.0	-2.3
Ezbekiya	63	+6	12.4	-2.0
Gîza	61	+2	12.1	-2.2
Helwân	51	+8	10.5	-2.2

GÎZA — Grass minimum temp on 2nd 7.8°

CAIRO — Water temp River Nile at 9h on 2nd 17.1°

Discharges at Aswan measured in millions m³ per sec. — Date	1946	1945
3-4	810	810
2-4	810	810

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-4	—	—	12.48	-0.79
Nâsser		—	—	4.66	-0.30
Malakâl		9.65	-0.43	9.66	-0.42
J. Aulia Res.		—	—	375.35	—
J. Aulia D.S		—	—	371.73	+0.61
Roseires		11.56	+0.23	11.57	+0.23
Sennar Res.		—	—	17.09	—
Khartum		—	—	10.54	+0.30
Kh. el Girba		—	—	—	—
Atbara		10.48	+0.51	10.56	+0.54
Hajnarti		—	—	132.72	+0.77
Aswan Res.		119.70	—	119.67	—
Aswan D.S		84.83	-0.77	84.84	-0.77
Roda (Cairo)		15.68	+0.17	15.64	+0.13

PRESENT WEATHER (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 Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

50 metres	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	3
4, 5, 6 Tenths	4
7, 8 Tenths	[illegible]
9 Tenths	[illegible]
Over 9 Tenths	7
Overcast	8
Fog or Dust	[illegible]

WIND FORCE (F)

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

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Time of Sunrise 05 h. 51 m.
Sunset 18 h. 15 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر ابريل ١٩٤٦

At 14h. on WEDNESDAY 3rd (الساعة ١٤ يوم الاربعاء ٣) and At 20h. on WEDNESDAY 3rd (الساعة ٢٠ يوم الاربعاء ٣)

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
Sallum																							130
Matruh	00	9	04	2	2	0	—	21.9	17.7	59	0	00	8	02	2	1	0	—	21.9	15.4	77	0	131
Mariut	00	7	02	4	0	0	—	21	20	56	0	00	7	03	3	0	0	—	20	15	77	0	150
Alexandria	00	9	04	4	0	0	—	20.4	19.6	58	0	01	6	04	3	2	3	4	20.6	16.4	69	0	132
Damietta	00	8	04	4	1	2	8	19.4	18.8	69	0	00	8	32	4	1	2	8	19.1	15.5	89	0	159
Port Said	05	7	02	6	0	0	—	19.1	20.3	82	0	00	8	02	4	0	0	—	19.0	16.6	89	0	134
El Arish	00	7	30	2	0	0	—	—	18.4	61	0												135
Damanhur	00	7	12	4	0	0	—	19.6	21.6	44	0	00	7	12	4	0	0	—	19.5	14.6	78	0	136
Mansura	00	8	04	4	0	0	—	18.6	22.0	49	0	00	6	04	2	0	0	—	19.2	15.0	85	0	137
Tanta	00	8	32	4	0	0	—	18.0	23.5	42	0	00	8	32	2	0	0	—	19.0	16.3	89	0	138
Zagazig	00	6	32	3	0	0	—	17.8	22.8	44	0	00	6	32	2	0	0	—	18.3	15.1	86	0	139
Shebin el Kom	00	8	02	4	0	0	—	16.2	24.2	33	0	00	8	02	3	0	0	—	18.8	16.1	72	0	—
Almaza	00	8	04	4	0	0	—	17.0	23.8	23	0	00	7	04	3	0	0	—	18.4	17.3	60	0	141
Ezbekiya	00	8	02	4	0	0	—	17.4	24.2	31	0	00	8	02	3	0	0	—	18.6	16.2	80	0	—
Giza	00	7	02	3	0	0	—	17.2	23.7	35	0	00	6	02	4	0	0	—	18.7	17.3	66	0	—
Helwan	00	7	32	5	0	0	—	16.7	23.9	22	0	00	6	02	7	0	0	—	17.6	17.2	60	0	143
Suez	00	9	30	2	0	0	—	16.6	24.8	27	0	00	9	30	1	0	0	—	18.2	18.4	48	0	144
Faiyum	00	8	02	4	0	0	—	16.8	24.0	33	0	00	8	32	3	0	0	—	17.6	18.7	56	0	153
Minya	00	9	32	3	0	0	—	15.8	24.4	31	0	00	8	32	2	0	0	—	14.8?	19.1	50	0	154
Asyut	00	8	28	1	0	0	—	14.4	25.8	22	0	00	6	20	1	0	0	—	14.6	18.3	51	0	155
Nag Hamadi	00	8	00	0	0	0	—	13.5	26.9	21	0	00	8	00	0	0	0	—	13.9	19.9	39	0	164
Qena	00	9	22	2	0	0	—	12.6	30.0	22	0	00	6	22	3	0	0	—	14.6	21.4	32	0	156
Luxor	00	7	32	1	0	0	—	13.1	30.0	16	0	00	6	28	1	0	0	—	14.0	20.4	45	0	157
Aswan	01	9	32	2	1	4	1	12.6	28.9	07	0	00	9	32	1	0	0	—	13.2	23.0	18	0	158
Siwa	00	8	04	1	0	0	—	20.8	23.0	52	0	00		00	0	0	0	—	19.9	19.5	51	0	148
Bahariya	00	9	00	0	0	0	—	18.6	26.0	47	0												149
Kharga	01	9	30	2	1	4	1	15.9	26.1	15	0	00		32	1	0	0	—	15.2	21.5	21	0	151
Dakhla	00	8	28	2	0	0	—	15.2	24.8	29	0	00	6	28	2	0	0	—	16.7	17.8	33	0	152
Tor	00	7	28	5	0	0	—	14.2	21.1	64	0	00	7	16	3	0	0	—	13.5	19.2	63	0	145
Hurghada	00	9	32	4	0	0	—	15.5	22.5	48	0	00	9	28	3	0	0	—	13.7	21.2	40	0	146
Quseir	00	8	32	2	0	0	—	13.4	24.6	45	0	00	8	32	2	0	0	—	13.0	21.0	55	0	147
Port Sudan	01	8	04	3	1	4	1	11	26	79	0												189
Wadi Halfa	01	8	32	1	1	3	2	14?	28	11	0												165
Kareima	02	7	04	4	1	5	2	10	33	04	0												166
Atbara	01	8	32	4	1	4	2	7	35	10	0												167
Khartum	01	8	30	4	0	3	4,1	7	34	08	0												168
Kassala	01	8	30	2	0	3	4	2	39	18	0												170
Wad Medani	01	8	32	4	0	5	3	4	38		0												171
Renk	00	9	28	3	0	0	—	—	38	18	0												182
Roseires	01	7	20	1	1	4	1	6?	39	20	0												172
El Obeid	01	8	02	4	1	4	4	8	34	05	0												174
El Fasher	00	7	02	2	0	0	—	—	33	08	0												175
Geneina	00	7	02	3	0	0	—	—	34	05	0												179
Kadugli	01	7	04	3	1	4	1	7	37	05	0												187
Malakal	02	8	08	4	1	6	4,5	6	36	25	0												176
Wau																							177
Juba	01	8	32	4	1	5	8	6	35	35	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 3rd:

Matruh	Mariut	Port Said	Almaza	Minya	Luxor	Hurghada	Wadi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakal	Juba
13 h. 15 m.	13 h. 15 m.	h. m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h. 15 m.	13 h. 45 m.	13 h. m.	13 h. m.	h. m.	13 h. m.	13 h. 45 m.
03 02 15	03 04 25			03 35 30	03 35 15		09 31 10	09 03 35	09 36 20	09 32 10		09 13 20	09 02 40
06 05 15	06 34 40			06 01 25	06 36 10		15 35 15	15 01 20	15 01 30	15 31 20		15 12 20	15 02 75
09 06 15	07 06 35			09 03 30	09 36 05		21 32 45	21 35 25	21 11 10	21 26 10		21 12 20	21 02
15 08 25	15 08 20			15 03 20	15 34 10		27 32 35	27 29 15	24 05 05	27 16 15		24 11 25	27 08 35
21 06 15	21 06 15			21 04 30	21 32 20		33 31 40		30 26 20	33 14 10			33 07 50
30 36 15				30 35 30	30 31 30		39 31 40		39 20 20	39 17 05			39 08 35

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

Station	Present weather	Visibility	Wind Dir.	Force	Past weather	Cloud Amount	Form	Bar pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Temp. Dry Bulb °C	Maximum Yesterday °C	Diff. from norm.	Minimum Today °C	Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Sallum																		
Matruh	01	9	06	1	0	5	8	23.1	+7.7	16.3	18	-4	14	+2	78	0	86	156
Mariut	01	8	03	3	1	6	1	21	—	18	20	—	12	—	60	0	181	131
Alexandria	01	9	06	3	1	4	2	20.8	+5.9	19.0	21	-2	15	+1	61	0	165	181
Damietta	01	7	02	4	1	6	3	19.4	+4.6	17.9	19	—	15	—	69	0	68	101
Port Said	02	8	32	4	1	6	2	19.5	+5.6	18.1	21	-1	16	+1	79	0	45	72
El Arish																0	51	85
Lower Egypt																		
Damanhur	01	5	08	3	1	4	1	19.9	+4.9	17.0	22	-3	11	0	76	0	81	94
Mansura	01	8	02	3	1	4	0	19.4	+4.2	17.0	23	-3	10	-1	78	0	27	46
Tanta	03	8	04	3	2	8	5	19.8	+4.6	16.5	24	-3	6	-4	84	0	57	35
Zagazig	00	6	20	3	0	0	—	18.7	+3.5	14.6	24	-3	9	-1	91	0	9	25
Shebin el Kom	02	8	02	3	2	5	0	19.0	+4.0	15.8	25	—	7	—	77	0	17	—
Middle Egypt																		
Cairo: Almaza	05	6	02	3	2	7	6	18.5	+3.3	14.1	24	—	12	—	86	0	3	—
Cairo: Ezbekiya	05	5	02	3	0	3	8	19.0	+3.8	14.8	25	-2	12	0	86	0	3	23
Cairo: Giza	09	5	02	2	2	5	8	19.1	+3.6	14.3	24	-3	12	+2	91	0	15	22
Helwan	02	7	04	8	2	8	2	17.6	+2.6	16.1	25	-2	13	0	72	0	4	25
Suez	00	9	30	2	1	3	1	19.1	+4.0	17.3	26	-1	13	-1	67	0	—	15
Upper Egypt																		
Faiyum	02	8	32	4	2	7	5	18.3	+2.9	15.4	25	-3	12	0	80	0	8	8
Minya	02	8	32	2	2	7	2	16.4	+1.4	15.4	25	-4	12	0	70	0	dr	—
Asyut	01	7	20	1	1	5	5	16.2	+1.6	14.6	28	-2	10	-3	74	0	0	4
Nag Hamadi	00	8	00	0	0	0	—	16.2	+2.3	18.2	28	—	11	—	54	0	1	
Qena	01	7	26	2	0	3	1	15.4	+1.7	18.2	32	-2	11	-3	52	0	13	
Luxor	00	7	28	1	0	0	—	15.5	+1.8	19.0	31	-2	10	-3	46	0	0	
Aswan	00	9	30	1	0	0	—	15.0	+1.8	16.0	30	-4	13	-4	26	0	dr	—
Western Desert																		
Siwa	01	7	06	4	1	4	1	21.6	+5.3	15.0	25	-3	7	-2	86	0	1	8
Bahariya	00	9	00	0	0	0	—	19.4	+3.5	13.8	22	-7	8	-3	66	0	0	7
Kharga	01	9	08	1	1	4	3	16.4	+2.1	17.1	27	-5	11	-3	60	0	1	—
Dakhla	00	7	12	1	0	0	—	16.8	+2.0	19.5	26	-6	12	-1	65	0	0	—
Red Sea																		
Tor	00	7	04	3	0	0	—	14.8	+1.6	16.2	24	-2	13	-2	66	0	0	13
Hurghada	00	9	28	3	0	0	—	15.1	+2.0	20.2	24	-3	13	-2	28	0	1	3
Quseir	00	8	28	2	0	0	—	13.8	+0.8	22.8	26	-1	16	-2	32	0	11	4
Port Sudan	01	8	24	1	0	3	4	13		26					58	0	17	95
North Sudan																		
Wadi Halfa	00	8	32	1	0	0	—	15		18					22	0	Tr.	
Kareima	00	8	08	3	0	0	—	—		21					17	0	7	1
Atbara	00	8	32	3	0	0	—	12		23					15	0	2	2
Khartum	00	8	32	4	2	2	4,1	11		24					12	0	3	4
Kassala	02	8	20	1	1	5	4	8		24					35	0	31	9
Central Sudan																		
Wad Medani	00	9	32	5	0	3	3	10		26						0	13	12
Renk	01	9	20	3	1	4	4	—		28		—		—	19	—	—	49
Roseires	02	7	12	2	1	8	8	11?		29					49	0	82	40
El Obeid	02	8	02	4	1	5	4,1	11		24					17	0	44	17
El Fasher	00	7	30	1	0	0	—	—	—	17					22	0	2	6
Geneina								—	—			—		—		0	—	4
Kadugli	01	7	04	2	1	4	1	10		29		—		—	66	—	—	93
S. Sudan																		
Malakal	01	8	32	3	1	4	4	8		32					09	0	170	96
Wau																0	113	180
Juba	02	8	00	0	1	5	4	10		26					79	0	199	201

Upper Winds are in the Code HHDDVV where HH is Height 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)

Matruh	Mariut	Hurghada	Helwan	Minya	Asyut	Luxor	Aswan	Wadi Halfa	Abu Hamad	Kareima	Khartum
7 h. m.	7 h. m.	7 h. 30 m.	9 h. m.	7 h. 15 m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	7 h. m.
03 03 25	03 05 40	03 32 30	02 05 50	03 01 25		03 10 05		09 03 25	09 02 35	09 03 35	09 03 65
06 03 30	06 05 50	06 03 30	05 06 40	06 04 35		06 08 15		15 33 30	15 02 20	15 34 05	15 06 15
	09 05 50	09 07 35	08 08 15	09 06 30		09 09 30		21 29 35	21 02 05	21 01 05	21 21 10
	12 04 45	12 03 10	10 08 20	12 04 20		15 11 20		27 29 40	27 26 05	24 36 15	24 21 10
	15 04 35	15 07 25	15 07 70			21 08 20		33 28 40	33 24 15	30 23 05	30 26 15
			20 08 45			27 29 20		39 24 45		39 22 15	39 24 20
			22 08 44			30 26 10					
						39 24 20					
						45 22 30					

Kassala	Port Sudan	El Obeid	El Fasher	Geneina	Malakal
7 h. m.	7 h. m.	h. m.	7 h. m.	h. m.	6 h. m.
09 17 15	09 04 15		09 04 20		09 03 25
15 17 25	15 06 25		15 07 35		15 03 30
21 17 35	21 06 30		21 08 10		18 04 20
27 19 35	27 09 35		27 33 05		27 04 30
33 18 10	30 06 50		33 28 30		33 05 30
39 18 10			39 25 50		
50 14 10					

UPPER AIR TEMP — ALMAZA AT 23h GMT ON 3rd

Height feet	PPP mb.	TT °F	°F
Surface	1009	56.5	54
500	991	55	52
1000	973	52	51
1500	955	56	46
2000	938	59	42
4000	871	52.5	37.5
6000	808	43	32
8000	749.5	39	26
10000	694	31	26
12000	641.5	22	20.5
14000	592.5	15	14
16000	546.5	7.5	7.5

CYPRUS SYNOPTIC 6h ON 4th
34700 00990 02300 21190 80305 00060.
34800 00990 24300 23160 10303 00090.

Remarks

Hours are station standard time, long 30° E and are two hours in advance of Greenwich mean time.

Station	Mean of day: Humidity % on 3rd	Diff from normal	Wet bulb temp on 3rd	Diff from normal
Alexandria	62	-4	13.8	-0.7
Ezbekiya	74	+17	13.5	-1.0
Giza	70	+11	13.3	-1.1
Helwan	62	+19	12.7	0.0

GIZA — GRASS MINIMUM TEMP ON 4th 11.0

CAIRO — WATER TEMP RIVER NILE 9h ON 4th 17.4

Discharges at Aswan measured by million m³ per sec	Date	1946	1945
	4-4	610	810
	3-4	810	610

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	4-4	—	—	12.47	-0.81
Nasser		—	—	4.70	-0.29
Malakal		9.63	-0.43	9.65	-0.43
J. Aulia Res.		—	—	375.32	—
J. Aulia D.S.		—	—	371.71	+0.79
Roseires		11.56	+0.23	11.56	+0.23
Sennar Res.		—	—	16.93	—
Khartum		—	—	10.50	+0.24
Kh. el Girba		—	—	—	—
Atbara		10.46	+0.49	10.48	+0.51
Wajnarti		—	—	132.74	+0.82
Aswan Res.		119.74	—	119.75	—
Aswan D.S.		84.62	-0.76	84.83	-0.77
Roda (Cairo)		15.73	+0.22	15.64	+0.17

WIND FORCE (F)

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

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

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	[illegible]
Thin Haze	[illegible]
Dust Devils	[illegible]
Distant Lightning	[illegible]
Light Mist	[illegible]
Distant Fog	[illegible]
Rain in sight	[illegible]
Thunder, no rain	[illegible]
Distant Duststorm	[illegible]
Squally	[illegible]
Slight Duststorm	[illegible]
Rain in last hour	[illegible]
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	[illegible]
Fog or thick haze	[illegible]
Mod. Fog in last hour	[illegible]
Thick	[illegible]
Fog in patches	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	[illegible]
Snow	[illegible]
Showers	[illegible]
Thunderstorm	[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

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DAILY WEATHER REPORT

Time of Sunrise 05 h 42 m. Sunset 18 h 16 m.

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on THURSDAY 4th (الساعة ١٤ يوم الخميس ٤) — At 20h. on THURSDAY 4th (الساعة ٢٠ يوم الخميس ٤)

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
Sallum																							130
Matruh	01	9	02	2	1	4	8	22.6	19.0	63	0	00	6	02	3	1	3	8	21.9	16.6	81	0	131
Mariut	02	7	03	3	2	6	2	20	21	41	0	01	7	04	3	2	4	1	20	16	77	0	150
Alexandria	02	8	04	4	2	5	4	20.2	20.0	60	0	00	6	04	5	0	0	—	19.9	17.2	68	0	132
Damietta	02	8	31	4	1	5	5	19.4	19.9	65	0	02	8	04	4	1	5	5	18.2	18.0	71	0	159
Port Said	02	8	04	4	2	7	5	18.4	19.8	76	0	02	8	04	4	2	5	5	18.0	17.9	65	0	134
El Arish	00	7	30	1	0	0	—	—	18.2	58	0												135
Damanhur	02	6	08	5	1	6	1	18.8	22.8	54	0	02	6	08	4	2	5	1	19.0	15.8	71	0	136
Mansura	01	8	32	3	1	4	6	17.9	24.2	53	0	00	6	02	2	1	0	—	18.0	16.8	72	0	137
Tanta	02	8	04	4	2	7	5	17.4	26.0	42	0	00	8	04	2	2	0	—	17.8	16.0	79	0	138
Zagazig	02	6	32	3	1	5	8	17.1	25.4	41	0	00	6	32	2	0	0	—	16.6	13.2	72	0	139
Shebin el Kom	01	8	02	4	1	4	2	17.0	21.0	56	0	01	8	02	3	1	4	6	—	17.4	67	0	—
Cairo: Almaza	01	7	06	4	1	5	2	16.1	26.4	25	0	02	7	04	3	2	5	4,5	16.9	19.4	39	0	141
Cairo: Ezbekiya	01	7	02	3	1	5	2	16.4	25.4	40	0	01	7	02	3	1	4	5	16.8	18.0	58	0	—
Cairo: Giza	02	7	30	4	2	5	5	16.2	24.6	38	0	00	6	30	3	1	2	5	17.2	17.2	53	0	—
Helwan	02	8	04	5	2	8	4	15.6	26.8	13	0	02	7	04	6	2	5	4	15.9	20.3	26	0	143
Suez	02	9	02	1	2	6	5	16.2	26.8	14	0	01	8	28	2	1	4	5	—	21.0	32	0	144
Faiyum	02	8	02	4	2	7	5	15.2	25.2	29	0	02	8	32	2	2	7	5	15.6	20.3	54	0	153
Minya	02	8	30	2	2	5	2	13.9	26.3	38	0	01	8	32	2	1	4	2	13.2	21.9	31	0	154
Asyut	00	8	20	1	1	0	—	14.2	26.8	30	0	00	6	20	1	0	0	—	13.5	18.7	48	0	155
Nag Hamadi	00	8	00	0	0	0	—	12.8	29.7	20	0	00	8	00	0	0	0	—	13.0	20.6	29	0	164
Qena	01	9	26	2	1	4	1	12.4	31.0	17	0	01	6	24	1	1	3	1	12.6	20.0	35	0	156
Luxor	00	7	32	1	0	0	—	13.2	30.8	21	0	00	6	32	1	0	0	—	13.8	19.0	—	0	157
Aswan	00	9	18	1	0	0	—	11.5	31.0	07	0	00	9	00	0	0	0	—	12.3	25.0	11	0	158
Siwa	02	8	06	4	1	7	2	22.2	25.0	47	0	00	—	06	4	0	0	—	21.1	21.0	49	0	148
Bahariya												00	—	00	0	0	0	—	—	—	—	0	149
Kharga	00	9	32	1	0	0	—	15.0	27.1	24	0	00	9	32	1	0	0	—	14.3	24.2	22	0	151
Dakhla	00	8	02	2	0	0	—	15.1	25.8	38	0	00	6	08	1	0	0	—	16.4	21.2	36	0	152
Tor	00	7	28	4	0	0	—	16.8	22.3	61	0	00	7	28	3	0	0	—	13.5	19.5	62	0	145
Hurghada	00	9	02	2	0	0	—	15.5	25.4	64	0	00	9	28	2	0	0	—	—	23	54	0	146
Quseir	00	8	04	2	0	0	—	13.6	26.2	47	0	00	8	02	2	0	0	—	13.6	24.0	43	0	147
Port Sudan	01	8	04	3	1	5	4,3	12	27	66	0												189
Wadi Halfa	01	8	04	1	1	5	2	12	30	04	0												165
Kareima	00	6	02	2	0	0	—	10	34	11	0												166
Atbara	00	6	28	1	0	3	4	8	35	16	0												167
Khartum	00	8	02	3	0	2	4	7	36	07	0												168
Kassala	02	8	20	1	1	5	8	4	36	21	0												170
Wad Medani	02	6	00	0	0	7	6	5	36	19	0												171
Renk	03	9	28	3	1	8	8	—	41	10	0												182
Roseires	02	7	26	1	1	8	8	6	36	35	0												172
El Obeid																							174
El Fasher	01	6	06	2	1	5	1	—	33	14	0												175
Geneina	00	7	18	1	0	0	—	—	36	10	0												179
Kadugli	02	8	04	2	1	5	1	5	38	09	0												187
Malakal	01	8	06	2	1	4	4,2	4	39	07	0												176
Wau																							177
Juba	02	8	30	3	1	5	8	5	34	34	0												178

At 8h. on FRIDAY 5th (الساعة ٨ يوم الجمعة ٥)

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	Sallum																		94
	Matruh	00	9	32	3	0	0	—	21.4	+6.0	17.0	20	-2	16	+4	80	0	88	156
	Mariut	01	8	02	3	0	4	2	17	—	19	21	—	15	—	52	0	181	137
	Alexandria	01	8	04	4	1	4	2	17.5	+2.7	18.6	21	-2	15	+1	66	0	165	181
	Damietta	02	7	04	4	1	6	5	15.2	+0.5	19.3	20	—	17	—	58	0	68	101
	Port Said	02	8	32	3	2	6	5	15.2	+1.3	20.3	22	0	17	+2	81	0	45	72
	El Arish																	51	86
Lower Egypt	Damanhur	00	6	08	4	0	0	—	19.0	+4.1	15.6	23	-2	12	+1	68	0	81	94
	Mansura	01	7	04	2	1	4	0	15.2	+0.1	18.4	26	0	14	+3	71	0	27	48
	Tanta	03	8	04	2	2	8	5	15.4	+0.2	18.8	27	0	11	+1	70	0	59	35
	Zagazig	00	6	32	1	0	0	—	14.6	-0.5	18.1	27	0	11	+1	74	0	9	25
	Shebin el Kom	00	8	02	2	0	2		—	—	16.0	22	—	7	—	79	0	19	
Middle Egypt	Cairo: Almaza	02	7	02	1	0	5	2	14.8	-0.3	13.6	27	—	10	—	78	0	3	—
	Cairo: Ezbekiya	05	6	30	2	1	6	5	15.0	-0.1	14.5	27	0	11	-1	75	0	3	23
	Cairo: Giza	09	7	02	3	2	5	5	15.2	-0.2	14.4	25	-2	10	0	81	0	15	22
	Helwan	05	5	28	3	2	7	1	14.7	-0.2	13.8	27	0	11	-2	71	0	4	25
	Suez	00	9	04	1	1	3	1	—	—	17.8	28	+1	15	+1	62	0	—	15
Upper Egypt	Faiyum	01	8	32	4	1	4	5	15.4	+0.1	16.8	27	-1	13	+1	69	0	8	8
	Minya	00	9	02	3	1	0	—	14.6	-0.3	17.3	26	-3	13	+1	64	0	dr.	—
	Asyut	00	7	00	0	0	0	—	16.0?	+1.4	15.3	28	-2	10	-3	62	0	0	4
	Nag Hamadi	00	8	00	0	0	0	—	15.9	+2.1	19.1	30	—	10	—	40	0	1	—
	Qena	00	7	24	1	0	0	—	14.8	+1.2	22.0	34	0	12	-2	39	0	13	—
	Luxor	00	7	28	2	0	0	—	15.2	+1.6	21.8	33	0	11	-2	44	0	0	—
	Aswan	00	9	00	0	0	0	—	15.1	+2.0	21.6	32	-2	15	-3	27	0	dr.	—
Western Desert	Siwa	00	7	32	4	0	0	—	21.6	+5.4	15.0	26	-2	11	0	92	0	1	8
	Bahariya	00	9	32	1	0	0	—	—	—	12.0	26	-3	8	-3	76	0	0	7
	Kharga	00	9	32	1	0	0	—	15.9	+1.7	15.5	29	-3	11	-3	52	0	1	—
	Dakhla	00	7	28	2	0	0	—	18.0	+3.3	18.2	28	-4	12	-1	68	0	0	—
Red Sea	Tor	00	7	00	0	0	0	—	14.0	+0.9	20.2	25	-1	15	0	73	0	0	13
	Hurghada	00	9	30	5	0	0	—	14.0	+1.0	21.8	27	0	13	-2	45	0	1	3
	Quseir	00	8	08	1	0	0	—	13.5	+0.6	19.8	27	0	16	-3	41	0	11	4
	Port Sudan	02	6	32	1	1	6	8	14		25					79	0	17	95
North Sudan	Wadi Halfa	00	8	00	0	0	0	—	16		19					24	0	tr.	—
	Kareima	00	8	04	3	0	0	—	14		22					10	0	7	1
	Atbara	00	8	32	2	0	3	1	12		24					17	0	2	2
	Khartum	01	7	30	3	1	4	1	12		27					11	0	3	4
	Kassala	02	8	06	1	1	5	4	9		30					38	0	31	9
Central Sudan	Wad Medani	02	9	04	5	1	8	1	11		28						0	13	12
	Renk	00	9	30	3	0	0	—	—		31		—		—	19	—	—	49
	Roseires	01	7	12	1	1	4	1	—		29					35	0	82	40
	El Obeid	01	7	04	3	1	5	4,2	12		25					19	0	44	17
	El Fasher	00	6	30	2	0	0	—	—	—	21					21	0	2	6
	Geneina	01	8	00	0	0	5	2	—	—	19		—		—	19		—	4
	Kadugli	02	8	04	2	1	5	4	11		28		—		—		—	—	93
S. Sudan	Malakal	02	8	04	2	1	8	4,5	11		31					09	0	170	97
	Wau																0	113	182
	Juba	02	8	28	2	8	6	6	13		26					74	tr	199	204

Upper Winds on Thursday 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.

Matruh	Mariut	Port Said	Almaza	Minya	Luxor	Hurghada	Wadi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakal	Juba
13 h. m.	h. m.	12 h. 30 m.	h. m.	13 h. m.	h. m.	h. m.	13 h. 30 m.	13 h. m.	h. m.	12 h. 30 m.	h. m.	13 h. m.	13 h. 15 m.
03 04 35		06 09 26		03 35 26			09 35 15	09 02 20		09 19 15		09 07 35	09 02 50
06 06 40		09 07 30		06 03 20			15 30 20	15 34 15		15 13 05		15 06 15	15 01 40
09 06 35		15 07 35		09 07 15			21 31 35	21 32 20		21 23 05		21 09 20	21 06 35
12 05 35		21 07 35		12 03 10			27 30 35	24 31 30		27 08 05		27 09 20	27 03 35
15 05 35		24 07 35		15 07 10			30 29 20	30 25 15				33 09 15	33 01 25
18 05 40		27 08 40		21 11 15				39 29 20				39 09 10	
				30 11 15									

Upper Winds on 5th

Upper Winds are in the Code HHDDVV where HH is Height 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	Hurghada	Minya	Asyut	Luxor	Aswan	Wadi Halfa	Abu Hamad	Kareima	Khartum
7 h. m.	7 h. m.	h. m.	7 h. 30 m.	h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	6 h. 30 m.
03 35 25	03 03 60		03 36 25			03 00 00		09 02 20	09 03 35	09 03 35	09 03 60
06 03 25	06 04 40		06 02 05			06 35 15		15 03 30	15 01 20	15 05 15	15 04 40
09 05 30	09 04 45		09 19 10			09 00 02		21 03 15	21 03 10	21 03 15	18 04 40
12 06 30	12 04 35		12 20 25			15 24 15		27 04 15	27 04 05	24 03 05	
15 05 15	15 04 35		15 21 20			21 25 25		33 05 15	33 26 15	30 02 10	
18 05 15	18 05 20		18 20 20			27 24 50		39 03 05	39 26 15		
21 06 15	21 04 35		21 26 15			30 23 50					
27 05 30	24 04 45					39 23 65					
30 05 30											

Kassala	Port Sudan	El Obeid	El Fasher	Geneina	Malakal
7 h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.
09 11 15				09 06 30	
15 05 15				15 15 20	
21 31 10				21 15 15	
27 29 10				27 28 10	
33 29 15				33 25 20	
39 27 15				39 25 20	

Upper Air Temp — Almaza at 06h. G.M.T. on 5th

Height feet	PPP m.b.	TT °F	°F
Surface	1006	53	51
500	988	55	49
1000	970	59	48
1500	953	66	48
2000	935	69	48
4000	869	62	45
6000	806	53	38
8000	747	41	31
10000	692	30	24
12000	640	22	18
14000	591	14	11
16000	545	5	2

Cyprus Synoptic 8h on 5th

34700 03990 04328 20210 87362 00080.
24800 02890 18226 22170 44803 90106.

Remarks

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

Mean of day

Station	Humidity on 4th	Diff. from normal	Wet bulb temp on 4th	Diff. from normal
Alexandria	62	-4	14.8	+0.2
Ezbekiya	69	+12	14.8	+0.2
Giza	69	+10	14.0	-0.5
Helwan	45	+2	12.7	-0.1

Giza — Grass minimum temp: 5th 8.1

Cairo — Water temp. River Nile: 5th 17.5

5-4	810	810
4-4	810	810

Gauge readings

Gauge	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
	1946				
Juba	5-4	12.52	-0.76	12.47	-0.81
Nasser		4.98	-0.24	4.94	-0.27
Malakal		9.62	-0.43	9.63	-0.43
J. Aulia Res.		—	—	375.30	—
J. Aulia D S		—	—	371.70	+0.78
Roseires		11.54	+0.21	11.56	+0.23
Sennar Res.		16.67	—	16.84	—
Khartum		10.54	+0.26	10.50	+0.23
Kh. el Girba		—	—	—	—
Atbara		10.46	+0.49	10.46	+0.49
Kajnarti		132.81	+0.90	132.79	+0.87
Aswan Res.		119.81	—	119.74	—
Aswan D S		84.82	-0.77	84.82	-0.78
Roda (Cairo)		15.75	+0.25	15.73	+0.22

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	15
Rain in past hour	
Slight thunderstorm	
Heavy Thunderstorm	
Duststorm	
Fog ...	
Rec. Fog ... past hour	
Thick	
Fog ...	
Drizzle	
Rain	
Rain and Fog	57
Rain and Snow	68, 69
Snow	
Showers	80
... of Snow	
... of Sleet	86, 88
... of Hail	88, 89
Thunderstorm	90
... Rain	91
... Hail	
... Duststorm	98
... with rain	99

Past Weather (W)

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

Visibility (V)

Objects not visible at 50 metres	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 = Calm

Time of Sunrise 05 h. 39 m.
Sunset 18 h. 16 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on FRIDAY 5th (الساعة ١٤ يوم الجمعة ٥) / At 20h. on 5th (الساعة ٢٠ يوم)

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	°C Temp. TTT	% Humidity UU	Rain 8-14 h. 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	°C Temp. TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
Salum																							130
Matruh	00	9	30	3	0	0	—	20.2	18.0	71	0	00	8	02	3	0	0	—	20.0	16.6	80	0	131
Mariut	00	7	02	4	1	1	1	17	20	64	0	00	7	32	3	0	0	—	16	17	68	0	150
Alexandria	00	8	06	4	2	3	2	16.0	16.6	64	0	00	6	06	2	0	0	—	16.8	16.6	81	0	132
Damietta	02	7	06	4	1	6	6,4,5	14.7	21.0	55	0	01	6	04	4	1	4	4,5,2	14.0	18.3	73	0	159
Port Said	21	8	04	4	5	6	0,5	14.3	21.1	81	dr.	01	8	04	3	1	4	0,5	13.5	18.1	85	0	134
El Arish												00	7	00	0	0	0	—	—	15.5	71	0	135
Damanhur	00	6	12	4	0	0	—	14.8	25.8	45	0	00	6	12	3	0	0	—	15.1	17.2	78	0	136
Mansura	01	8	02	2	1	4	0	14.7	25.0	40	0	00	6	32	2	1	0	—	14.7	17.3	75	0	137
Tanta	00	8	04	5	1	0	—	13.2	27.5	31	0	00	8	32	1	0	0	—	15.0	17.5	75	0	138
Zagazig	18	6	04	4	1	4	8	13.5	27.8	37	0	00	6	32	2	0	3	8	13.2	18.4	68	0	139
Shebin el Kom	02	7	02	3	2	5	0,4	—	27.6	36	0	00	8	02	2	1	0	—	—	18.4	55	0	—
Cairo Almaza	02	7	02	2	2	8	4,2	12.8	26.8	25	0	05	6	02	2	2	3	4	14.1	20.0	48	0	141
Cairo Ezbekiya	05	7	30	2	1	5	4,5	13.1	26.7	35	0	00	7	30	3	1	3	8,4	13.9	20.1	60	0	—
Cairo Giza	01	7	30	2	1	4	5	13.0	25.7	43	0	01	6	30	3	1	3	8	14.0	18.8	57	0	—
Helwan	05	6	30	4	1	4	8,4	12.4	26.1	30	0	05	6	32	1	0	1	4	13.5	21.9	29	0	143
Suez	01	9	14	1	1	4	1	12.6	26.4	25	0	00	8	26	2	0	0	—	—	22.8	26	0	144
Faiyum	00	8	32	4	1	3	2	13.2	26.0	41	0	00	8	02	1	0	0	—	13.2	22.1	50	0	153
Minya	01	9	28	2	1	3	2	12.8	26.9	36	0	00	8	32	1	0	0	—	12.6	21.8	46	0	154
Asyut	00	8	22	1	0	0	—	14.0?	25.4	34	0	00	6	20	1	0	0	—	13.0	21.1	41	0	155
Nag Hamadi	00	8	24	1	0	0	—	13.4	29.2	26	0	00	8	00	0	0	0	—	13.8	—		0	164
Qena	00	9	22	2	0	0	—	12.8	30.8	17	0	00	6	24	1	0	0	—	13.1	21.6	37	0	156
Luxor	00	7	28	2	0	0	—	13.1	31.3	15	0	00	6	28	2	0	0	—	14.0	23.4	29	0	157
Aswan	00	9	32	1	0	0	—	12.0	32.0	11	0	00	9	32	1	0	0	—	12.7	26.0	19	0	158
Siwa	00	8	06	3	0	0	—	20.6	26.8	30	0	00		06	3	0	0	—	19.0	22.0	53	0	148
Bahariya												00		00	0	0	0	—	—			0	149
Kharga	00	9	32	1	0	0	—	13.6	28.8	19	0	00	9	32	1	0	0	—	13.2	23.4	18	0	151
Dakhla	00	8	28	3	0	0	—	15.6	24.8	42	0	00	6	32	2	0	0	—	17.1	19.2	34	0	152
Tor	00	7	16	3	0	0	—	13.6	25.1	56	0	00	7	16	3	0	0	—	14.2	19.3	80	0	145
Hurghada	00	9	12	2	0	0	—	15.1	26.7	83	0	00	9	12	2	0	0	—	15.1	26.7	83	0	146
Quseir	00	8	10	2	0	0	—	13.6	24.7	52	0	00	8	02	2	1	0	—	12.2	22.5	80	0	147
Port Sudan	00	8	04	3	1	1	8	12	28	84?													169
Wadi Halfa	00	8	32	1	0	0	—	12	32	10													165
Kareima	00	8	06	1	0	0	—	10	37	05													166
Atbara	01	8	32	2	1	4	1	8	37	10													167
Khartum	02	8	02	3	1	5	1	7	37	07													168
Kassala	01	8	00	0	1	4	4,4,1	3	39	20													170
Wad Medani	02	8	00	0	1	5	1	5	38	11													171
Renk	00	9	28	3	0	0	—	3	39	23													182
Roseires	03	7	12	1	1	8	8	2	38														172
El Obeid	02	8	06	3	1	8	2	6	36	10													174
El Fasher	02	8	10	2	1	6	2	—	35	13													175
Geneina	00	8	10	3	1	0	—	—	37	05													179
Kadugli	01	8	12	3	1	4	1	6	39	10													187
Malakal																							176
Wau																							177
Juba	84	8	09	9	6	7	7,4	11	25	89													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

Matruh 13 h.	Mariut 7 h. 15 m.	Port Said 12 h. 30 m.	Almaza	Minya 13 h.	Luxor 13 h.	Hurghada	Wadi Halfa	Kareima 13 h.	Khartum	Kassala 13 h.	El Obeid	Malakal	Juba
03 33 50	03 02 40	03 07 35		03 33 20	03 24 20			09 04 20		09 21 10			
06 04 30	06 04 45	06 04 25		06 31 20	06 25 35			15 01 20		15 13 10			
09 04 30	09 04 30	09 04 30		09 31 20	09 26 30			21 05 10		21 14 10			
12 02 30	12 04 40	12 06 25		15 34 20	15 26 30			27 09 20		27 13 05			
15 36 30		15 05 20		21 34 10	21 26 20			33 33 10		33 23 05			
18 36 30		21 08 15		30 36 10	30 22 35								
21 03 25		30 11 40											
27 07 25													
33 03 30													

Hours ... are ... Standard time, long 30° E and are ... Greenwich mean time

			345
...	6.4	810	810
...	5.4	810	810

STATION	Mean of day: Humidity % on 5th	Diff from normal	Wet bulb temp °C on 5th	Diff from normal
Alexandria	71	+ 5	15.5	+ 0.8
Ezbekiya	64	+ 8	15.0	+ 0.3
Giza	66	+ 8	14.8	+ 0.3
Helwan	46	+ 3	13.4	+ 0.5

GIZA — Grass minimum temp on 6th: 9.5°

CAIRO — Water temp River Nile at 8h on 6th: 17.6°

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba				12.52	− 0.76
Nasser				4.98	− 0.24
Malakal		9.62	− 0.43	9.62	− 0.43
J. Aulia Res					
J. Aulia D S					
Roseires		11.53	+ 0.20	11.54	+ 0.21
Sennar Res.				16.67	
Khartum		10.54	+ 0.24	10.54	+ 0.26
Kh. el Girba					
Atbara		10.44	+ 0.47	10.46	+ 0.49
Gajnarti		132.80	+ 0.90	132.81	+ 0.90
Aswan Res.		119.83		119.81	
Aswan D.S		84.82	− 0.78	84.83	− 0.77
Roda (Cairo)		15.79	+ 0.29	15.75	+ 0.25

...1945 (55/306)

At 8h. on SATURDAY 6th (الساعة ٨ يوم السبت 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.	Temp. Dry Bulb °C TTT	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	Salum												—		—				94
	Matruh	00	9	30	3	0	0	—	19.8	+4.5	17.2	19	−3	16	+4	72	0	88	156
	Mariut	00	7	31	3	0	0	—	17		19	21	—	16	—	64	0	181	137
	Alexandria	00	9	04	2	1	0	—	17.8	+3.0	19.0	21	−2	15	+1	70	0	165	181
	Damietta	01	8	32	3	1	3	2	15.8	+1.1	18.8	23	—	16	—	71	0	68	101
	Port Said	00	8	04	3	0	0	—	15.2	+1.4	19.0	22	−1	16	+1	78	dr.	45	73
	El Arish	00	7	30	1	0	0	—	—	—	16.2	20	−3	10	−2	72	0	51	86
Lower Egypt	Damanhur	00	6	04	3	0	2	3	16.2	+1.3	18.4	26	+1	13	+2	71	0	81	94
	Mansura	00	8	02	2	0	0	—	16.4	+1.3	18.0	26	0	13	+2	73	0	27	48
	Tanta	00	8	32	1	0	0	—	17.0	+1.9	19.0	29	+2	11	+1	63	0	59	35
	Zagazig	00	6	02	3	0	0	—	16.3	+1.2	19.4	29	+2	11	0	70	0	9	25
	Shebin el Kom	00	8	30	2	0	0	—	16.9	+1.9	18.8	30	—	11	—	66	0	19	
Middle Egypt	Cairo Almaza	05	6	03	1	0	0	—	16.3	+1.2	14.9	28	—	12	—	80	0	3	
	Cairo Ezbekiya	05	5	04	3	0	0	—	16.7	+1.6	16.5	28	+1	13	0	74	0	3	23
	Cairo Giza	09	6	30	2	0	0	—	16.7	+1.3	16.4	27	0	12	+2	79	0	15	22
	Helwan	05	6	30	2	0	0	—	16.4	+1.5	15.1	27	0	12	−1	77	0	4	25
	Suez	00	9	30	2	0	0	—	16.3	+1.3	19.9	28	+1	15	+1	57	0	—	15
Upper Egypt	Faiyum	00	8	32	3	0	0	—	16.7	+1.5	17.8	28	0	13	+1	70	0	8	8
	Minya	00	9	30	2	0	0	—	17.4	+2.6	16.6	28	−1	12	0	73	0	dr.	—
	Asyut	00	7	22	1	0	0	—	17.1	+2.6	16.2	28	−2	13	0	76	0	0	4
	Nag Hamadi	00	8	00	0	0	0	—	16.3	+2.5	18.9	30	—	11	—	57	0	1	—
	Qena	00	7	26	3	0	0	—	15.2	+1.7	19.2	32	−2	14	−1	55	0	13	—
	Luxor	00	7	20	1	0	0	—	15.9	+2.3	22.5	33	−0	13	−1	44	0	0	
	Aswan	00	9	32	1	0	0	—	15.5	+2.4	20.0	33	−1	15	−3	24	0	dr.	
Western Desert	Siwa	00	7	28	3	0	0	—	21.1	+5.0	14.3	28	0	10	−1	78	0	1	8
	Bahariya	00	9	32	1	0	0	—	—	—	12.2	—	—	8	−3	74	0	0	7
	Kharga	00	9	32	1	0	0	—	17.6	+3.5	17.0	31	−1	14	0	52	0	1	—
	Dakhla	00	7	22	1	0	0	—	18.8	+4.2	16.5	26	−6	10	−3	50	0	0	—
Red Sea	Tor	00	7	04	3	0	0	—	15.4	+2.4	21.1	28	+1	13	−2	42	0	0	13
	Hurghada	00	9	30	3	0	0	—	14.4	+1.4	21.4	26	−1	13	−2	71	0	1	3
	Quseir	00	8	24	2	0	0	—	12.7	−0.1	24.0	26	−1	18	−1	51	0	11	4
	Port Sudan	01	8	00	0	0	4	8	13		27						0	17	95
North Sudan	Wadi Halfa	00	8	01	1	0	0	—	17		21					23	0	tr.	—
	Kareima	00	8	04	3	0	0	—	14		24					17	0	7	1
	Atbara																0	2	2
	Khartum	01	7	32	3	1	4	1	12		27					09	0	3	4
	Kassala	01	8	32	1	0	3	4,1	8		32					41	0	31	9
Central Sudan	Wad Medani	00	7	02	4	0	2		11		29						0	13	12
	Renk	00	9	30	3	0	0	—	—		28		—		—	25	—	—	50
	Roseires																0	82	41
	El Obeid	00	9	04	4	0	0	—	12		26					23	0	44	17
	El Fasher	01	8	00	0	1	3	2	—	—	19					49	0	2	6
	Geneina	00	7	02	4	0	0	—	—	—	24		—		—	07	—	—	4
	Kadugli	00	8	28	2	0	3	1	11		27		—		—	33	—	—	93
S. Sudan	Malakal	02	8	32	2	1	5	4	10		31					33	0	170	98
	Wau																0	113	184
	Juba	01	8	12	1	1	3	4,1	11		26					79	tr.	199	207

Upper Winds are in the Code HHDDVV where HH is Height 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 6 h. 30 m.	Mariut 7 h. 15 m.	Port Said 6 h. 30 m.	Helwan 9 h. 15 m.	Minya 7 h.	Asyut	Luxor 7 h.	Aswan 7 h.	Wadi Halfa 7 h. 15 m.	Abu Hamad 7 h.	Kareima	Khartum 7 h.
03 34 35	03 01 45	03 03 35	02 35 15	03 36 20		03 30 10	05 34 20	09 03 65	09 07 50		09 01 45
06 36 40	06 36 35	06 02 40	05 03 35	06 36 30		06 32 20	10 31 20	15 03 20	15 33 25		15 36 40
09 01 15	09 35 35	09 04 30	08 02 45	09 30 25		09 34 30	15 29 25	21 32 05	21 30 15		21 34 25
15 36 20	15 36 20	12 03 30	10 02 45	12 33 30		15 36 40	20 28 15	24 29 15			
18 02 15	18 01 15		15 01 55	15 33 30		21 01 35	25 32 20	30 31 30			
21 08 05			20 33 15	21 33 35		27 33 40		39 31 50			
24 12 10			23 33 20			30 30 45					
27 11 10			25 33 20								
30 11 15											

Kassala 7 h.	Port Sudan 7 h. 15 m.	El Obeid	El Fasher	Geneina 7 h.	Malakal 7 h.
09 05 15	09 12 10			09 05 25	09 09 15
15 03 30				15 15 35	15 15 15
21 03 30				21 17 15	21 03 15
27 07 25				27 18 15	27 02 30
33 12 20				33 19 15	33 05 30
39 15 30				39 21 05	39 05 20

UPPER AIR TEMP — ALMAZA at 23 G.M.T. on 5th

HEIGHT feet	PPP mb.	TT °F	
Surface	1004.9	57	54
500	986	57	53
1000	968	62	53
1500	951	65	51
2000	934	65	48
4000	867	56	43
6000	804	48	38
8000	746	38	31
10000	690	29	28
12000	639	19	18
14000	590	10	9
16000	544	1	1

CYPRUS SYNOPTIC 8h. ON 6th

34702 02890 00027 15211 17301 00080
34808 02994 26326 16160 66201 00120

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 of 36 ... 08 = East, 18 = South, 24 = West, 36 = North, 00 = 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
...	14
Slight Duststorm	16
... last hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ...ded, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

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

VISIBILITY (V) — Objects not visible at	
50 metres	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 38 (h. m.)
Sunset 18 17 (h. m.)

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. and 20h. on SATURDAY 6th — السبت ٦

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
SALUM																							130
MATRUH	00	9	30	3	0	0	—	19.9	18.6	75	0	00	8	00	0	0	0	—	19.8	13.4	66	0	131
MARIUT	02	8	29	3	0	1	1	18	20	64	0	00	7	28	2	0	0	—	18	16	77	0	150
ALEXANDRIA	00	9	28	2	0	0	—	17.8	20.0	64	0	00	6	32	3	0	0	—	18.2	17.0	70	0	132
DAMIETTA	00	8	30	3	1	2	3	15.5	20.4	63	0	00	7	28	3	1	0	—	16.0	16.7	90	0	153
PORT SAID	00	8	30	4	0	1	1	15.5	22.6	79	0	00	8	02	2	0	0	—	16.0	17.2	88	0	134
EL ARISH	00	7	30	1	0	0	—	—	19.7	52	0	00	7	30	1	0	0	—	16.2	16.2	71	0	135
DAMANHUR	00	7	04	3	0	0	—	16.6	24.3	33	0	00	6	32	3	0	0	—	17.4	15.6	85	0	136
MANSURA	00	8	30	2	0	0	—	15.8	26.0	26	0	00	6	32	2	0	0	—	16.7	16.8	77	0	137
TANTA	00	8	32	2	0	0	—	15.5	27.0	26	0	00	8	00	0	0	0	—	18.0	15.0	86	0	138
ZAGAZIG	00	6	32	2	0	0	—	15.5	26.8	30	0	00	6	28	2	0	0	—	16.4	15.8	72	0	139
SHEBIN EL KOM	00	8	02	3	0	0	—	15.1	26.9	25	0	09	8	02	2	0	0	—	—	16.4	61	0	—
CAIRO ALMAZA	00	8	02	3	0	0	—	14.9	26.6	26	0	00	7	02	2	0	0	—	16.4	19.5	35	0	141
CAIRO EZBEKIYA	00	8	28	2	0	0	—	15.4	26.7	32	0	00	7	32	2	0	0	—	16.8	19.1	49	0	—
CAIRO GIZA	00	8	30	3	0	0	—	15.2	25.7	30	0	00	6	30	2	0	0	—	17.0	17.8	50	0	—
HELWAN	00	8	32	4	0	0	—	14.8	26.1	23	0	00	7	32	4	0	0	—	16.3	20.2	28	0	143
SUEZ	00	9	30	2	0	0	—	14.8	26.9	19	0	00	9	30	1	0	0	—	16.6	20.3	33	0	144
FAIYUM	00	8	32	3	0	0	—	15.0	27.0	31	0	00	8	32	2	0	0	—	16.2	20.4	49	0	153
MINYA	00	9	32	3	0	0	—	15.1	27.0	35	0	00	9	30	1	0	0	—	15.5	21.3	41	0	154
ASYUT	00	7	22	1	0	0	—	14.8	26.5	39	0	00	6	22	1	0	0	—	14.8	20.1	47	0	155
NAG HAMADI	00	8	24	1	0	0	—	13.8	27.7	24	0	00	8	00	0	0	0	—	14.6	19.0	56	0	184
QENA	00	9	26	2	0	0	—	14.2	30.4	23	0	00	6	22	2	0	0	—	14.3	21.4	43	0	156
LUXOR	00	7	30	2	0	0	—	13.8	30.0	26	0	00	6	28	3	0	0	—	14.2	24.0	34	0	157
ASWAN	00	9	28	2	0	0	—	12.7	30.4	12	0	00	9	32	1	0	0	—	13.2	25.0	16	0	158
SIWA	00	8	22	3	0	0	—	20.3	25.5	54	0	00		00	0	0	0	—	19.2	20.0	55	0	148
BAHARIYA	00	9	00	0	0	0	—	18.0	—	—	0	00		00	0	0	0	—	—	—	—	0	149
KHARGA	00	9	32	1	0	0	—	15.1	26.5	28	0	00	9	32	1	0	0	—	15.4	24.2	27	0	151
DAKHLA	00	8	28	3	0	0	—	15.6	25.8	45	0	00	6	28	2	0	0	—	17.4	19.6	38	0	152
TOR	00	7	28	4	0	0	—	13.2	23.3	69	0	00	7	28	5	0	0	—	14.4	20.5	64	0	145
HURGHADA	00	9	02	4	0	0	—	13.7	25.2	73	0	00	9	28	3	0	0	—	14.2	23.7	69	0	146
QUSEIR	00	8	02	2	0	0	—	12.4	26.0	64	0	00	8	32	2	0	0	—	13.1	24.0	54	0	147
PORT SUDAN	01	8	04	4	1	4	8,1	10	29	78													189
WADI HALFA	00	8	02	3	0	0	—	13	31	13	—												165
KAREIMA	00	8	32	2	0	0	—	10	35	04													166
ATBARA	00	8	30	4	0	0	—	8	36	07													167
KHARTUM	00	8	30	3	0	0	—	7	37	08													168
KASSALA	02	8	30	2	1	5	8,4,1	3	39	21													170
WAD MEDANI	00	8	32	4	0	0	—	4	39	12													171
RENK	00	9	02	3	0	0	—	—	39	06													182
ROSEIRES	02	7	28	1	1	8	8	—	38	15													172
EL OBEID	00	7	02	4	0	0	—	6	38	15													174
EL FASHER	00	8	06	3	0	0	—	—	34	27													175
GENEINA	01	7	32	1	0	4	1	—	36	07													179
KADUGLI	00	8	32	3	0	0	—	6	39	04													187
MALAKAL																							176
WAU	02	8	20	1	1	6	8,4	5	39	18													177
JUBA	01	8	32	1	0	4	8,4	5	36	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 6th

MATRUH 13 h. 30 m.	MARIUT 13 h. m.	PORT SAID	ALMAZA	MINYA	LUXOR 13 h. m.	HURGHADA	WADI HALFA	KAREIMA 12 h. 45 m.	KHARTUM 12 h. 45 m.	KASSALA 14 h. m.	EL OBEID	MALAKAL 13 h. 30 m.	JUBA 13 h. 15 m.
03 33 45	03 02 30				03 31 10			09 01 15	09 35 15	09 34 10		09 03 05	09 08 20
06 35 40	06 01 25				06 31 20			15 34 10	15 02 25	15 34 15		15 03 05	15 10 35
09 36 25	09 36 35				09 32 25			21 32 20	21 32 15	21 34 20		21 05 05	21 08 15
12 01 15	12 35 30				15 31 35			24 29 30	24 30 15			27 04 10	27 10 20
15 36 15	15 34 30				21 29 30			33 29 20	27 27 15			33 03 15	33 11 20
18 30 15	18 34 30				27 24 20			39 28 30	30 27 15			39 04 15	39 10 15
21 27 25									39 23 20				
24 28 20													
27 27 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 6th	Diff from normal	Wet bulb temp °C on 6th	Diff from normal
Alexandria	68	+2	15.4	+0.6
Ezbekiya	58	+2	14.7	-0.1
Giza	62	+4	14.2	-0.4
Helwan	48	+5	13.1	+0.1

GIZA — GRASS MINIMUM TEMP on 7th 10.8°

CAIRO — WATER TEMP at 8h, RIVER NILE on 7th 18.3°

Discharges at Aswan in millions of cubic metres per day	DATE	1946	1945
	7-4	810	810
	6-4	810	810

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7th				
Nâsser				4.98	-0.26
Malakâl		9.60	-0.45	9.62	-0.43
J. Aulia Res					
J. Aulia D S					
Roseires		11.53	+0.19	11.53	+0.20
Sennar Res.				16.56	—
Khartûm				10.54	+0.24
Kh. el Girba					
Atbara		10.44	+0.47	10.44	+0.47
Kajnarti				132.80	+0.90
Aswân Res.		119.88	—	119.83	—
Aswân D.S		84.82	-0.77	84.82	-0.78
Roda (Cairo)		15.79	+0.29	15.79	+0.29

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 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	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
MEDITERRANEAN: SALUM												—		—				95
MATRUH	00	9	26	2	0	0	—	18.6	+3.4	12.0	19	-3	9	-3	89	0	88	156
MARIUT	00	7	26	2	0	0	—	18		18	21	—	10	—	60	0	181	137
ALEXANDRIA	00	9	28	2	0	0	—	18.0	+3.3	17.0	23	0	14	0	70	0	165	181
DAMIETTA	04	6	20	2	0	0	—	17.1	+2.5	15.8	21	—	11	—	83	0	68	101
PORT SAID	02	8	16	2	2	5	0	17.5	+3.7	15.3	24	+1	14	-1	90	0	45	73
EL ARISH	00	7	30	1	0	0	—	16.0	+1.7	16.2	20	-3	10	-2	70	0	51	86
LOWER EGYPT: DAMANHUR	40	2	28	2	4	9	—	17.8	+3.0	13	26	0	9	-3	98	0	81	94
MANSURA	08	4	20	2	4	0	—	18.2	+3.2	12.8	27	+1	8	-3	94	0	27	48
TANTA	09	6	20	2	2	8	6	19.0	+4.0	13.5	27	0	8	-2	97	0	59	36
ZAGAZIG	09	6	18	2	0	0	—	18.3	+3.3	13.1	28	+1	11	0	99	0	0	25
SHEBIN EL KOM	08	5	30	0	4		—	17.6	+2.7	13.4	28	—	10	—	97	0	17	—
MIDDLE EGYPT: CAIRO ALMAZA	05	6	35	1	1	4	6	18.4	+3.4	15.6	27	—	13	—	77	0	3	—
CAIRO EZBEKIYA	05	5	00	0	0	0	—	18.4	+3.4	16.4	28	+1	14	+1	74	0	3	23
CAIRO GIZA	09	6	30	2	1	1	8	18.4	+3.1	15.2	26	-1	13	+3	84	0	15	22
HELWAN	09	6	30	1	0	0	—	18.4	+3.6	13.6	27	0	10	-3	80	0	4	25
SUEZ	00	9	32	1	0	0	—	18.8	+3.9	16.4	29	+2	12	-2	76	0	—	15
UPPER EGYPT: FAIYUM	00	8	32	2	0	0	—	18.8	+3.7	14.2	27	-1	11	-1	87	0	8	8
MINYA	00	9	32	2	0	0	—	17.8	+3.1	16.9	28	-1	13	+1	69	0	ds.	—
ASYUT	00	7	22	1	0	0	—	17.6	+3.2	17.6	28	-2	10	-3	49	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	16.8	+3.1	19.0	28	—	13	—	45	0	1	—
QENA	00	7	32	1	0	0	—	16.2	+2.8	20.2	33	-1	14	-1	38	0	13	—
LUXOR	00	7	26	2	0	0	—	16.4	+2.9	22.5	31	-2	13	-1	27	0	0	—
ASWAN	00	9	32	1	0	0	—	15.2	+2.2	21.0	32	-2	16	-2	27	0	ds.	—
WESTERN DESERT: SIWA	00	7	00	0	0	0	—	20.0	+4.0	13.0	27	-1	7	-4	69	0	1	8
BAHARIYA	00	9	00	0	0	0	—	19.9	+4.2	16.5	..	—	11	0	65	0	0	7
KHARGA	00	9	32	1	0	0	—	16.8	+2.7	20.4	30	-2	11	-3	24	0	1	—
DAKHLA	00	7	28	2	0	0	—	18.3	+3.8	17.6	27	-5	13	0	50	0	0	—
RED SEA: TOR	00	7	28	5	0	0	—	15.1	+2.2	20.1	27	0	16	+1	64	0	0	13
HURGHADA	00	9	30	3	0	0	—	14.9	+2.0	21.3	26	-1	16	+1	37	0	1	3
QUSEIR	00	8	32	6	0	0	—	14.3	+1.2	23.6	26	-1	18	-1	46	0	11	4
PORT SUDAN	01	8	32	3	1	3	8	12		27					79	0	17	95
NORTH SUDAN: WADI HALFA	00	8	02	1	0	2	2	16		17					30	0	tr.	—
KAREIMA	00	8	04	2	0	3	1	14		22					13	0	7	1
ATBARA	00	7	28	4	0	0	—	11		24					11	0	2	2
KHARTUM	00	7	32	4	0	0	—	12		24					14	0	3	4
KASSALA	01	8	02	3	1	4	4	7		29					55	0	31	9
CENTRAL SUDAN: WAD MEDANI	00	8	02	5	0	2	3	10		27					10	0	13	12
RENK	00	9	04	3	0	0	—	.		30	—		—		13	—	14	50
ROSEIRES	00	8	04	2	1	0	—	—		30					18	0	82	41
EL OBEID	00	8	30	4	0	2	1	11		24					30	0	44	17
EL FASHER	00	8	32	1	0	0	—	—	—	24					22	0	2	6
GENEINA	00	7	02	3	0	0	—	—	—	29	—		—		07	0	—	4
KADUGLI	01	7	28	4	1	4	1	9		29	—		—		—	—	—	94
S. SUDAN: MALAKAL	00	8	02	5	0	0	—	8		29					08	0	170	99
WAU																0	113	186
JUBA	02	8	00	0	1	7	8,4	8		32					43	0	199	210

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRUH h. m.	MARIUT 6 h. 45 m.	PORT SAID 6 h. 45 m.	HELWAN 8 h. 30 m.	MINYA 7 h. 15 m.	ASYUT 7 h. m.	LUXOR 6 h. 30 m.	ASWAN 7 h. m.	WADI HALFA h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTUM 7 h. 45 m.
	06 32 20	03 38 15	02 33 10	03 01 30	02 01 05	03 36 15	02 02 15		09 01 50	09 03 50	09 02 75
	09 29 30		05 04 20	06 03 10	05 02 30	06 01 35	05 01 30		15 33 05	15 35 25	15 36 35
	12 27 30		08 03 10	09 35 20	10 35 40	09 02 35	10 36 15		21 33 15	21 31 20	21 33 40
	15 25 30		10 01 15	12 32 25	15 34 45	15 02 30	15 04 15		27 29 25	27 28 20	24 34 50
	18 28 30		15 31 15	15 33 30		21 03 15	20 04 20			30 24 15	30 28 15
	21 29 40		20 29 20	18 32 35		27 33 25	25 35 20				
	24 28 40		23 32 30	21 33 50		30 33 20					
	27 30 40		25 32 30	24 33 35		39 29 25					
	30 31 40		30 32 35			45 28 40					

KASSALA 7 h. m.	PORT SUDAN h. m.	EL OBEID 7 h. m.	EL FASHER 7 h. m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
09 01 40		09 03 55	09 04 25	09 05 35	09 03 70
15 05 20		15 03 45	15 06 35	15 31 35	15 03 65
21 36 15		21 01 40	21 09 15	21 11 30	21 03 55
27 01 10		27 35 35	27 13 10	27 09 20	27 03 40
33 31 05		33 36 35	33 10 10	33 01 06	
39 27 10		39 01 20		39 31 15	

UPPER AIR TEMP — ALMAZA at 5 G.M.T. on 7th

HEIGHT (feet)	PPP (mb)	TT (°F)	
Surface	1008	60	55
500	990	52	51
1000	972	54	49
1500	954	57	43
2000	937	55	42
4000	871	61	37
6000	808	41	31
8000	749	36	27
10000	693	31	26
12000	641	25	21
14000	592	16	15
16000	546	9	8

CYPRUS SYNOPTIC 8h. ON 7th

34700 00990 26200 14181 10304 00090
34800 00890 24100 14190 30101 00164

PRESENT WEATHER (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 last hour	41
Thick ...	
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	6.
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
... of Snow	83, 84
... of Sleet	85, 86
... of Hail	88, 89
Thunderstorm	90-99
... ded, now Rain	91
... with Hail	94-96
... with Duststorm	98
... heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	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)
On Scale 01-32, e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 = Calm

DAILY WEATHER REPORT

Time of Sunrise 05 h. 37 m. Sunset 18 h. 18 m.

Month APRIL 1946 — شهر ابريل ١٩٤٦

At 14h. on SUNDAY 7th (الساعة ١٤ يوم الأحد ٧) — At 20h. on SUNDAY 7th (الساعة ٢٠ يوم الأحد ٧)

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 8–14h mins	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 14–20h mins	Station Number
SALLUM																							130
MATRUH	00	9	30	3	0	0	—	17.5	19.0	68	0	00	9	00	0	0	0	—	17.8	15.5	75	0	131
MARIUT	00	7	26	3	0	0	—	18	21	50	0	00	7	30	2	0	0	—	17	16	77	0	150
ALEXANDRIA	00	9	28	3	0	0	—	17.9	18.6	70	0	00	6	00	0	0	0	—	17.6	16.4	81	0	132
DAMIETTA	00	8	30	4	1	2	5	16.4	21.1	54	0	00	8	30	3	1	0	—	16.4	16.2	93	0	159
PORT SAID	00	8	30	3	0	0	—	16.6	23.7	68	0	00	8	30	2	0	0	—	17.0	17.0	84	0	134
EL ARISH												00	7	20	1	0	0	—	16.0	15.0	67	0	135
DAMANHUR	00	7	04	3	0	0	—	17.1	23.2	48	0	00	7	32	3	0	0	—	16.8	15.9	78	0	136
MANSURA	00	8	24	1	0	0	—	16.7	24.8	26	0	00	0	30	2	0	0	—	17.0	16.8	76	0	137
TANTA	00	8	24	3	1	0	—	16.8	25.3	26	0	00	8	00	0	0	0	—	17.8	15.0	78	0	138
ZAGAZIG	00	6	16	2	0	0	—	16.6	24.8	36	0	00	6	24	2	0	0	—	16.6	14.8	—	0	139
SHEBIN EL KOM	00	8	30	3	0	0	—	16.2	26.0	23	0	00	8	02	2	0	0	—	17.5	16.8	63	0	—
CAIRO ALMAZA	00	7	28	2	0	0	—	16.4	24.3	23	0	00	7	02	1	0	0	—	16.4	20.2	39	0	141
CAIRO EZBEKIYA	00	7	26	2	0	0	—	16.7	24.3	32	0	00	7	02	2	0	0	—	17.2	19.0	38	0	—
CAIRO GIZA	00	7	30	2	0	0	—	16.7	25.5	33	0	00	7	30	2	0	0	—	16.7	16.8	48	0	—
HELWAN	00	8	28	2	0	0	—	16.7	22.8	20	0	00	7	32	2	0	0	—	17.0	20.0	19	0	143
SUEZ	00	9	02	2	0	0	—	16.6	24.2	18	0	00	9	32	2	0	0	—	16.7	19.7	46	0	144
FAIYUM	00	8	30	2	0	0	—	16.8	24.0	44	0	00	8	00	0	0	0	—	16.4	18.1	68	0	153
MINYA	00	9	32	3	0	0	—	15.8	26.3	19	0	00	8	32	1	0	0	—	15.8	21.3	31	0	154
ASYUT	00	8	30	2	0	0	—	15.4	26.2	21	0	00	6	28	1	0	0	—	16.2	19.9	34	0	155
NAG HAMADI	00	8	24	1	0	0	—	14.3	27.6	33	0	00	8	24	1	0	0	—	15.1	21.0	29	0	184
QENA	00	9	26	2	0	0	—	13.0	31.3	12	0	00	6	24	1	0	0	—	14.6	19.4	36	0	156
LUXOR	00	7	30	2	0	0	—	14.0	31.0	16	0	00	6	28	4	0	0	—	14.2	24.4	25	0	157
ASWAN	00	9	32	1	0	0	—	12.2	31.0	13	0	00	9	32	1	0	0	—	13.0	26.0	19	0	158
SIWA	00	8	00	0	0	0	—	18.7	26.5	53	0	00	5	24	4	0	0	—	18.6	21.5	60	0	148
BAHARIYA	00	9	00	0	0	0	—	17.4	24.4	44	0												149
KHARGA	00	9	32	1	0	0	—	15.1	27.7	18	0	00	9	32	1	0	0	—	15.8	21.0	23	0	151
DAKHLA	00	8	32	2	0	0	—	15.9	27.0	25	0	00	9	32	1	0	0	—	17.2	20.8	30	0	152
TOR	00	7	28	5	0	0	—	14.2	23.3	62	0	00	7	28	4	0	0	—	14.2	20.5	64	0	145
HURGHADA	00	9	32	4	0	0	—	14.6	24.9	40	0	00	9	28	4	0	0	—	15.0	23.2	42	0	146
QUSEIR	00	8	32	3	0	0	—	13.6	26.0	50	0	00	8	26	1	0	0	—	13.6	23.8	44	0	147
PORT SUDAN	00	7	32	4	0	0	—	10	31	70	0												189
WADI HALFA	00	8	02	3	0	1	1	12	30	11	0												165
KAREIMA	00	8	02	3	0	2	2	10	32	08	0												166
ATBARA	01	7	32	4	1	5	2	7	34	08	0												167
KHARTUM	05	6	30	4	0	0	—	7	35	10	0												168
KASSALA	00	8	30	2	0	2	8	2	39	24	0												170
WAD MEDANI	00	8	32	5	0	0	—	3	39	14	0												171
RENK	00	9	28	3	0	0	—	2	40	11	0												182
ROSEIRES	00	8	28	3	0	0	—	3	38	15	0												172
EL OBEID	00	8	02	4	0	0	—	5	35	09	0												174
EL FASHER	00	8	04	3	0	0	—	—	32	18	0												175
GENEINA	00	7	04	3	0	3	1	—	37	06	0												179
KADUGLI	01	8	04	4	1	4	1	4	40	06	0												187
MALAKAL	01	7	32	4	0	3	1	3	39	08	0												176
WAU																							177
JUBA	01	8	04	4	1	4	4	5	33	41	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:

MATRUH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. m.	h. m.	12 h. 30 m.	h. m.	13 h. m.	13 h. m.	h. m.	h. m.	13 h. 15 m.	13 h. m.	13 h. m.	12 h. 15 m.	13 h. m.	13 h. m.
03 30 30		03 26 15		03 35 30	03 32 15			09 36 40	09 01 20	09 05 15	09 04 15	09 06 20	09 03 55
06 30 25		06 27 20		06 35 40	06 29 10			15 36 30	15 03 50	15 05 15	15 03 20	15 05 40	15 05 40
09 30 25		09 26 30		09 34 30	09 30 05			21 33 35	21 36 30	21 35 05	21 36 35	21 03 45	21 09 35
15 31 25		15 26 30		15 32 30	15 31 15			24 29 30	24 34 30	27 35 05	27 35 40	24 03 50	27 11 35
21 32 30		21 26 25		21 34 30	21 33 25				30 31 20	33 31 10			33 12 20
30 33 40				30 32 25	30 32 30				39 22 30	39 22 25			39 14 15
42 32 45					45 29 55								
					51 30 65								

REMARKS

Hours are Egyptian standard time, long. 30° E. and are two hours in advance of Greenwich mean time.

Mean of day:

Station	Humidity on 7th	Diff. from normal	Wet bulb temp on 7th	Diff. from normal
Alexandria	73	+7	14.7	-0.3
Ezbekiya	52	-4	13.7	-1.2
Giza	63	+5	13.4	-1.3
Helwan	46	+4	11.4	-1.7

GIZA — Grass minimum temp on 8th 4.3

CAIRO — Water temp River Nile on 8th 19.2

Number of hours of sunshine	Date	1946	1945
	8-4	810	810
	7-4	810	810

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	8-4	—	—	—	—
Nasser		—	—	4.96	-0.29
Malakāl		9.60	-0.45	9.60	-0.45
J. Aulia Res		—	—	375.08	—
J. Aulia D.S		—	—	371.69	+0.77
Roseires		11.53	+0.19	11.53	+0.19
Sennar Res		—	—	16.45	—
Khartum		—	—	10.53	+0.21
Kh. el Girba		—	—	—	—
Atbara		10.47	+0.47	10.44	+0.47
Hajnarti		—	—	132.74	+0.85
Aswan Res		119.81	—	119.81	—
Aswan D.S		84.82	-0.76	84.82	-0.77
Roda (Cairo)		15.82	+0.34	15.79	+0.29

At 8h. on MONDAY 8th (الساعة ٨ يوم الاثنين ٨)

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.	Temp. Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm	Min. Today °C	Min. Diff. from norm	Humidity	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Norm from Oct 1 mms
SALLUM											—		—					
MATRUH	00	9	00	0	0	0	—	16.6	+1.5	17.2	20	-2	11	-2	37	0	88	156
MARIUT	01	7	00	0	2	5	6	17		18	21	—	16	—	60	0	181	137
ALEXANDRIA	02	8	00	0	2	5	5	17.0	+2.3	17.7	21	-2	15	+1	71	0	165	181
DAMIETTA	04	6	00	0	1	2	8	16.7	+2.1	17.8	23	—	12	—	78	0	68	161
PORT SAID	02	8	28	2	2	5	6	16.8	+3.1	17.4	25	+2	14	-1	80	0	45	73
EL ARISH	02	7	30	1	1	6		18.2	+3.9	17.2	—	—	10	-2	63	0	51	86
DAMANHUR	02	5	32	2	2	8	5	16.8	+2.1	15.0	25	-1	12	0	87	0	81	95
MANSURA	01	8	04	1	1	4	0	17.1	+2.1	17.2	26	0	11	-1	86	0	27	49
TANTA	00	9	00	0	0	0	—	17.2	+2.2	15.2	26	-1	10	-1	87	0	59	36
ZAGAZIG	00	6	30	2	0	1	8	17.0	+2.0	16.4	26	-1	9	-2	83	0	4	25
SHEBIN EL KOM	00	0	30	2	0	1	6	16.6	+1.8	15.9	27	—	10	—	77	0	19	—
CAIRO ALMAZA	05	6	02	1	0	0	—	16.8	+1.8	14.9	26	—	11	—	72	0	3	—
CAIRO EZBEKIYA	05	5	32	1	0	0	—	17.2	+2.2	17.2	26	-1	14	+1	64	0	3	23
CAIRO GIZA	09	0	30	2	0	0	—	17.4	+2.2	14.4	27	0	8	-2	61	0	15	22
HELWAN	05	0	00	0	0	0	—	16.8	+2.1	14.8	24	-3	11	-2	56	0	4	25
SUEZ	00	9	02	1	0	0	—	17.5	+2.6	17.2	25	-2	12	-2	46	0	—	15
FAIYUM	00	8	02	1	0	0	—	17.2	+2.1	17.2	25	-4	12	-2	67	0	8	8
MINYA	00	9	28	1	0	0	—	16.0	+1.4	17.7	27	-3	10	-2	43	0	tr	—
ASYUT	00	7	22	1	0	0	—	16.2	+1.9	17.1	28	-2	11	-2	42	0	0	4
NAG HAMADI	00	9	00	0	0	0	—	16.2	+2.6	18.6	29	—	8	—	41	0	1	—
QENA	00	7	24	1	0	0	—	15.4	+2.1	19.0	30	0	11	-4	33	0	13	—
LUXOR	00	7	30	2	0	0	—	15.5	+2.1	22.5	33	±1	11	-3	30	0	0	—
ASWAN	00	9	32	1	0	0	—	14.0	+1.7	19.3	31	-3	14	-4	22	0	tr	—
SIWA	00	7	00	0	0	0	—	17.1	+1.1	15.0	29	+1	9	-2	68	0	1	8
BAHARIYA	00	9	00	0	0	0	—	17.6	+3.4	14.0	25	-4	10	-1	67	0	0	7
KHARGA	00	9	32	1	0	0	—	15.0	+1.6	19.0	30	-2	12	-0	27	0	1	—
DAKHLA	00	8	28	1	0	0	—	17.6	+2.2	18.4	28	-4	10	-3	36	0	0	—
TOR	00	7	04	1	0	0	—	14.4	+1.6	20.7	25	-4	14	-4	44	0	0	13
HURGHADA	00	9	30	3	0	0	—	14.2	+1.4	21.7	26	-1	14	-1	51	0	1	3
QUSEIR	00	8	32	5	0	0	—	13.6	+0.9	23.0	28	+1	18	-1	39	0	11	4
PORT SUDAN	01	8	32	2	0	4	6,1	12		27					74	0	17	95
WADI HALFA	00	8	02	2	0	2	2	15		19					28	0	tr	—
KAREIMA	00	8	04	4	0	0	—	12		23					15	0	7	1
ATBARA	01	8	32	3	1	4	1	10		24					22	0	2	2
KHARTUM	01	7	32	4	0	3	1	9		26					15	0	3	4
KASSALA	00	8	02	1	1	2	1	6		29					43	0	31	9
WAD MEDANI	00	8	02	5	0	0	—	8		26					05	0	13	12
RENK	00	9	28	3	0	0	—	6		27	—		—		17	—	—	50
ROSEIRES	00	8	04	1	0	0	—	—		27					23	0	82	42
EL OBEID	01	8	32	4	0	4	2	9		25					24	0	44	17
EL FASHER	01	8	02	2	1	4	1	—	—	20					26	0	2	6
GENEINA	01	8	02	4	1	4	2	—	—	23	—		—		15	0		4
KADUGLI	01	6	04	3	0	3	1	8		28	—		—		10	—		94
MALAKAL	01	7	02	5	1	4	4	8		28					07	0	170	100
WAU																0	113	188
JUBA	02	8	12	3	1	8	4,2	7		28					66	0	199	213

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.

MATRUH	MARIUT	PORT SAID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
6 h. 45 m.	6 h. 45 m.	6 h. 30 m.	8 h. 45 m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.
03 29 16	03 06 10	03 26 10	02 31 10	03 02 20	02 31 10	03 33 05	02 02 15		09 04 40	09 04 65	09 02 65
06 31 20		06 34 05	05 05 15	06 36 25	05 31 30	06 35 20	05 02 30		15 04 45	15 06 40	15 35 25
09 34 30		09 33 05	08 02 16	09 35 30	10 00 25	09 01 25	10 04 20		21 05 30	21 11 05	21 23 15
15 31 50			10 36 20	12 34 30	15 36 40	12 01 25	15 35 05		27 12 10	27 24 05	24 26 15
21 30 25			15 34 20	15 34 30	20 34 45	15 35 20	20 36 20		30 21 20	30 25 16	30 23 34
30 34 30			20 36 20	18 35 35		21 34 20	25 31 25				39 23 30
39 32 40			30 36 20	21 34 30		27 31 30					
			35 33 35	24 35 35		30 31 30					
			40 34 25	27 35 35		39 30 35					

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.
09 07 05	09 03 35	09 01 25	09 04 20	09 06 45	09 03 65
15 07 10	15 06 45	15 02 30	15 05 35	21 07 30	15 04 55
21 05 15	21 06 55	21 02 45	21 07 45	27 33 15	21 05 40
27 05 35	27 01 25		24 07 50	33 28 05	27 05 40
33 03 05	30 34 15			39 32 10	33 07 40
39 01 10					

UPPER AIR TEMP — ALMAZA at 04h GMT on 8th

Height feet	PPP	TT	
Surface	1006	52	50
500	989	59	50
1000	976	58	48
1500	952	58	46
2000	935	56	40
4000	869	51.5	40
6000	806	46	-4
8000	747	40	21
10000	692	34	10.5
12000	641	27	44
14000	591	19	16
16000	545	13	11

CYPRUS SYNOPTIC 56 ON 8th

34700 06996 08266 15171 50166 00000.

34052 41315 14145 16131 30537 00096.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	[illegible]
Low Fog	[illegible]
Thick Haze	[illegible]
Dust Devil	[illegible]
Distant Lightning	[illegible]
Light Mist	[illegible]
Distant Fog	[illegible]
Rain in sight	[illegible]
Showers, no rain	[illegible]
Distant Duststorm	[illegible]
Squally	[illegible]
Slight Duststorm	[illegible]
Rain in past hour	[illegible]
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	[illegible]
Fog or Thick Haze	[illegible]
Mod. Fog in last hour	[illegible]
Thick	[illegible]
Fog in patches	[illegible]
Drizzle	50-5[illegible]
Rain	60-6[illegible]
Rain and Fog	[illegible]
Rain and Snow	68, 69
Snow	70-7[illegible]
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	87, 89
Thunderstorm	90-9[illegible]
ended, now Rain	91
with Hail	9[illegible]-96
with Duststorm	98
Heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	[illegible]
Mainly overcast	[illegible]
Sandstorm, 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 "	[illegible]
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	3
4, 5, 6 Tenths	4
7, 8 Tenths	[illegible]
9 Tenths	6
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	[illegible]
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

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

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

945/45/306

Time of Sunrise 05 h. 36 m.
Sunset 18 h. 18 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on MONDAY 8th (الساعة ١٤ يوم الاثنين ٨) and At 20h. on MONDAY 8th (الساعة ٢٠ يوم الاثنين 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
Salum																							130
Matruh	00	9	00	0	0	0	–	15.1	20.0	55	0	00	8	00	0	0	0	–	15.1	15.4	77	0	131
Mariut	05	6	29	2	0	1	8	17	21	57	0	05	6	06	1	0	0	–	16	15	88	0	150
Alexandria	00	9	30	2	0	0	–	15.9	20.8	67	0	00	6	04	2	0	0	–	15.8	17.2	79	0	132
Damietta	00	7	08	2	1	0	–	15.5	23.4	45	0	00	7	32	2	0	0	–	15.4	17.2	84	0	159
Port Said	00	8	30	3	0	0	–	16.3	21.6	66	0	00	8	04	2	0	0	–	15.6	17.8	79	0	134
El Arish	00	7	30	1	0	0	–	13.1	20.7	59	0	00	7	20	1	0	0	–	16.4	16.2	72	–	135
Damanhur	00	6	08	2	1	0	–	15.2	25.0	32	0	00	6	08	3	0	0	–	15.6	16.2	87	0	136
Mansura	00	8	04	1	1	0	–	15.9	25.2	41	0	00	6	02	2	0	0	–	15.8	17.2	86	0	137
Tanta	00	8	00	0	0	0	–	15.5	26.0	33	0	00	8	00	0	0	0	–	15.9	16.7	75	0	138
Zagazig	00	6	24	2	0	0	–	15.0	25.2	43	0	00	6	24	2	0	0	–	16.2	19.5	61	0	139
Shebin el Kom	00	8	02	2	0	0	–	14.7	25.9	31	0	00	8	02	2	0	0	–	15.5	19.2	70	0	—
Cairo Almaza	00	9	02	2	0	0	–	14.7	25.5	25	0	00	7	01	1	0	2	1	15.4	21.8	35	0	141
Cairo Ezbekiya	00	8	26	1	0	0	–	15.5	25.2	35	0	00	7	28	1	0	3	1	14.7	21.4	46	0	—
Cairo Giza	00	8	30	2	0	0	–	15.1	24.7	39	0	00	6	30	2	1	1	5	14.8	19.2	59	0	—
Helwan	05	6	28	4	0	1	1	14.6	25.0	21	0	05	5	30	2	0	1	1	14.6	21.8	36	0	143
Suez	00	9	02	1	0	0	–	15.9	24.7	18	0	00	9	32	1	0	0	–	15.1	20.4	44	0	144
Faiyum	00	8	30	1	0	0	–	15.0	25.5	25	0	00	8	32	1	0	0	–	14.7	20.1	42	0	153
Minya	00	9	02	3	0	0	–	14.3	27.2	25	0	00	9	32	1	0	0	–	13.6	21.7	34	0	154
Asyut	00	8	30	2	0	0	–	13.9	27.5	18	0	00	6	28	1	0	0	–	13.5		35	0	155
Nag Hamadi	00	8	00	0	0	0	–	13.1	29.8	13	0	00	8	00	0	0	0	–	12.6	20.8	43	0	164
Qena	00	9	20	1	0	0	–	12.2	31.2	15	0	00	6	24	1	0	0	–	13.2	22.2	35	0	156
Luxor	00	7	30	2	0	0	–	13.1	31.5	13	0	00	6	28	2	0	0	–	12.7	22.4	34	0	157
Aswan	01	9	32	3	1	3	1	11.2	30.0	09	0												158
Siwa	00	8	20	2	0	0	–	17.4	29.0	14	0	00	5	00	0	0	0	–	15.5	19.7	34	0	148
Bahariya	00	9	00	0	0	0	–	16.6	28.5	26	0	00		00	0	0	0	–	—	—	—	0	149
Kharga	00	9	32	1	0	0	–	15.8	27.4	19	0	00	9	32	1	0	0	–	14.7	21.4	22	0	151
Dakhla	00	9	28	2	0	0	–	15.1	27.0	20	0	00	7	28	1	0	0	–	15.2	22.8	28	0	152
Tor	00	7	28	4	0	0	–	14.8	23.5	55	0	00	7	28	3	0	0	–	14.4	20.1	48	0	145
Hurghada	00	9	02	3	0	0	–	13.9	23.9	72	0	00	9	28	3	0	0	–	14.3	22.5	68	0	146
Quseir	00	8	32	4	0	0	–	13.1	26.0	42	0	00	8	32	2	0	0	–	13.1	23.6	34	0	147
Port Sudan	01	8	04	4	1	4	2	9	28	70	0												200
Wadi Halfa	01	8	02	3	1	4	1	11	30	05	0												165
Kareima	00	8	06	3	0	2	1	8	34	09	0												166
Atbara	00	8	32	2	1	3	4	5	36	12	0												167
Khartum	01	8	30	3	1	3	4,1	4	34	10	0												200
Kassala	01	8	30	2	0	4	8,1	0	40	17	0												170
Wad Medani	00	8	32	2	0	3	1	2	39	—	0												171
Renk	00	9	28	3	0	0	–	—	38	21	0												182
Roseires	00	8	28	1	0	0	–	2	39	16	0												172
El Obeid	00	9	02	3	1	3	1	4	34	09	0												174
El Fasher	00	9	02	4	1	3	1	—	32	21	0												175
Geneina	00	8	32	4	0	0	–	—	—	—	0												179
Kadugli	00	8	04	3	0	3	1	4	43	04	0												187
Malakal	01	7	32	2	1	5	4,5	3	37	09	0												176
Wau	01	8	06	3	1	4	4	5	36	12	0												177
Juba	02	8	08	2	1	5	8	2	36	33	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 8th:

Matruh 13h	Mariut 13h 15m	Luxor 13h	Kareima 13h 15m	Khartum 13h	Kassala 19h	El Obeid 13h	Malakal 13h	Juba 13h 30m
03 27 05	03 28 05	03 33 20	09 02 10	09 03 10	[illegible] 11 05	09 02 20	09 05 35	09 09 15
06 25 15	06 35 05	06 36 15	15 02 15	15 36 15	[illegible] 13 05	15 03 20	15 05 30	15 09 10
09 26 15	09 03 05	09 36 25	21 02 05	21 28 35	21 12 15	21 34 05	21 05 20	21 08 10
15 28 30	12 34 05	15 35 10	27 34 10	24 27 25	27 10 35	27 26 15	27 06 20	27 05 10
21 29 20	15 33 05	21 39 10	33 23 20	20 24 30		33 26 15	33 07 25	
30 28 20	18 30 30	30 33 20	39 23 30	39 22 35		39 24 15	39 07 35	
39 27 35	24 33 30	39 31 25						
	27 34 30	45 29 35						
	30 31 35							

Other stations in the header (no entries): Port Said, Almaza, Minya, Hurghada, Wadi Halfa.

At 8h. on TUESDAY 9th (الساعة ٨ 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 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
Salûm												—		—				
Matrûh	01	9	00	0	0	4	5	14.2	-0.9	17.2	20	-2	10	-3	55	0	88	156
Mariut	05	6	12	1	4	0	–	15		17	23	—	10	—	68	0	181	137
Alexandria	01	8	12	2	1	4	1	14.7	+0.1	17.4	22	-1	13	-2	68	0	165	181
Damietta	00	7	12	3	0	0	–	14.6	0.0	19.2	24	—	15	—	81	0	68	101
Port Sa'îd	00	8	30	2	0	0	–	14.8	+1.1	18.3	23	0	16	+1	89	0	45	73
El 'Arîsh	00	9	30	1	0	0	–	14.8	+0.6	16.4	21	-2	10	-2	67	0	51	87
Damanhûr	00	6	08	3	0	0	–	15.0	+0.3	17.0	26	0	12	0	73	0	81	95
Mansûra	00	8	02	1	0	0	–	14.3	-0.6	19.0	29	+3	12	0	56	0	27	49
Tanta	00	8	12	1	0	0	–	14.4	-0.5	18.0	27	0	12	+1	67	0	59	36
Zagazig	00	6	02	2	0	0	–	—	—	17.2	26	-1	13	+2	70	0	9	25
Shebîn el Kôm	00	8	10	1	0	0	–	13.9	-0.1	19.2	29	—	12	—	60	0	19	—
Cairo Almaza	05	5	04	1	0	0	–	13.2	-1.7	21.9	27	—	11	—	31	0	3	—
Cairo Ezbekîya	05	5	00	0	0	0	–	13.8	-1.1	19.7	27	-1	13	0	57	0	3	23
Cairo Gîza	09	6	26	2	0	0	–	13.9	-1.2	15.9	26	-1	9	-1	78	0	15	22
Helwân	05	5	00	0	0	0	–	13.5	-1.2	18.1	26	-2	12	-1	52	0	4	25
Suez	00	9	00	0	0	0	–	15.0	+0.2	19.8	29	+2	13	-1	44	0	—	15
Faiyûm	00	8	00	0	0	0	–	13.9	-1.1	19.8	28	-1	12	0	54	0	8	8
Minya	00	9	16	1	0	0	–	13.1	-1.4	20.0	28	-2	11	-2	54	0	dr	—
Asyût	00	7	22	1	0	0	–	14.4	+0.1	18.0	29	-1	11	-2	51	0	0	4
Nag Hamâdi	00	8	00	0	0	0	–	14.0	+0.5	19.0	30	—	11	—	48	0	1	—
Qena	00	7	24	1	0	0	–	13.8	+0.5	21.2	34	0	10	-5	30	0	13	—
Luxor	00	7	28	2	0	0	–	14.2	+0.9	22.0	34	0	11	-3	36	0	0	—
Aswân	01	9	00	0	1	4	1	12.4	-0.5	21.0	32	-2	14	-4	23	0	dr	—
Sîwa	00	7	00	0	0	0	–	13.6	-2.3	17.5	31	+3	9	-2	40	0	1	8
Baharîya	00	9	00	0	0	0	–	—	—	16.0	29	0	11	-1	59	0	0	7
Khârga	00	9	32	1	0	0	–	14.4	+0.5	20.6	30	-2	11	-4	34	0	1	—
Dâkhla	00	8	00	0	0	0	–	14.8	+0.4	18.2	30	-2	10	-3	39	0	0	—
Tôr	00	7	04	3	0	0	–	12.8	0.0	19.2	26	-1	11	-5	—	0	0	13
Hurghâda	00	9	30	3	0	0	–	12.7	-0.1	22.6	26	-2	13	-2	61	0	1	3
Quseir	00	8	28	2	0	0	–	11.4	-1.2	24.0	27	0	18	-1	26	0	11	4
Port Sûdân																0	17	95
Wâdi Halfa																0	tr	—
Kareima																0	7	1
'Atbara																0	2	2
Khartûm																0	3	4
Kassala																0	31	9
Wad Medani																0	13	12
Renk																—	—	50
Roseires																0	82	42
El Obeid																0	44	17
El Fâsher																0	2	6
Geneina																0	—	4
Kadugli																	—	94
Malakâl																0	170	101
Wâu																0	113	190
Juba																0	199	216

Upper Winds are in the Code HHDDVV where HH is Height 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 7h 30m	Mariut 7h	Port Sa'îd 6h 15m	Helwân 8h 45m	Minya 7h	Asyût 7h	Luxor 7h	Aswân 7h	Wadi Halfa 9h 15m
03 13 18	03 12 30	03 09 30	02 34 05	03 03 15	02 28 05	03 00 00	02 01 10	02 36 15
06 15 15	06 12 15	06 08 25	05 08 10	06 02 25	05 35 10	06 03 10	05 03 15	05 03 10
09 17 10	09 01 05	09 08 25	08 05 10	09 36 25	10 36 20	09 05 15	10 06 10	10 04 05
15 24 10	15 23 20	12 08 15	10 05 20	15 32 30		15 03 10	15 26 10	13 05 05
21 27 15	21 23 10	15 10 20	15 06 10	21 36 30		21 29 10	20 28 05	
24 28 15		21 30 05	20 19 15			30 25 05	25 32 05	
			30 21 15			39 25 20		
			40 27 20			45 24 20		
			50 25 35			60 26 20		

Other stations in the header (no entries): Abu Hamad, Kareima, Khartûm, Kassala, Port Sûdân, El Obeid, El Fâsher, Geneina, Malakal.

Remarks: … time … and are … Greenwich mean time.

Station	Humidity 8th	Diff. from normal	Wet bulb temp 8th	Diff. from normal
Alexandria	73	+7	15.4	+0.3
Ezbekiya	51	-5	15.0	0.0
Giza	67	+9	14.6	-0.2
Helwan	42	0	12.1	-0.4

Giza — Grass minimum temp 9th: 6.3°

Cairo — River temp 9h: 9th 19.8

	9-4	810	810
	8-4	810	810

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	9-4	—	—	12.48	-0.82
[illegible]asser		—	—	4.96	-0.30
Malakal		9.60	-0.46	9.60	-0.45
J. Aulia Res.		—	—	374.99	—
J. Aulia D.S.		—	—	371.69	+0.79
Roseires		11.53	+0.19	11.53	+0.19
Sennar Res.		—	—	16.30	—
Khartum		10.54	+0.20	10.53	+0.19
Kh. el Girba		—	—	—	—
Atbara		10.44	+0.47	10.44	+0.47
Kajnarti		132.66	+0.78	132.69	+0.81
Aswan Res.		119.92	—	119.87	—
Aswan D.S.		84.82	-0.76	84.82	-0.76
Roda (Cairo)		15.82	+0.32	15.84	+0.34

Cyprus synoptic 9h. on 9th:

34700 05710 08416 16171 48304.
34854 44428 10248 17111 14403.

Upper air temp — Almaza at 24h G.M.T. on 8th

Height feet	PPP mb.	T °F	
Surface	1004	61	54
500	986	63	52
[illegible]000	968	65	50
[illegible]500	950	66	50
[illegible]00	933	63	48
[illegible]000	867	57	40
[illegible]000	804	52	35
[illegible]000	745	46	34
[illegible]0000	690	37	27
[illegible]000	638	26	21
[illegible]4000	590	19	15
[illegible]000	544	16	11

PRESENT WEATHER 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	
Mainly overcast	
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	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	
Tenth	
2, 3 Tenths	
4, 5, 6 Tenths	4
7, 8 Tenths	
9 Tenths	
Over 9 Tenths	
Overcast	
Fog or Dust	

WIND FORCE (F)

	km/h	Force
Calm		0
Almost calm	6	
Very light	7	2
Light	18	3
Moderate	26	4
Fresh	35	5
Strong	36-44	6
Very strong	54	
Gale	65	8
Strong gale	77	9
Whole gale	90	10
Storm	104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

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

CLOUD FORM (C)

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

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise h. m. 05 35 — Sunset 18 19

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on TUESDAY 9th — الساعة ١٤ يوم ٩ | **At 20h. on 9th** — الساعة ٢٠ يوم الثلاثاء ٩

STATION	Present Weather (14h)	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	Temp. °C	Humidity %	Rain 8-14h mms	Present Weather (20h)	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	Temp. °C	Humidity %	Rain 14-20h mms	Station Number
SALUM																							130
MATRUH	01	9	06	2	1	4	4	13.4	19.6	76	0	00	8	00	0	1	0	—	13.8	17.0	77	0	131
MARIUT	01	8	01	3	1	5	1	13	23	50	0	02	7	04	2	1	5	4,5	12	17	94	0	150
ALEXANDRIA	01	9	04	2	2	4	4	12.8	20.8	74	0	02	6	04	3	2	5	4,5	12.6	17.8	73	0	132
DAMIETTA	00	7	32	4	1	1	3	12.7	20.4	73	0	01	7	30	2	1	3	3	11.9	17.0	89	0	159
PORT SAID	01	8	02	2	1	4	2	11.8	21.8	67	0	01	8	32	2	2	4	2	11.8	17.3	83	0	134
EL ARISH												00	7	00	0	0	0	—	—	15.5	62	0	135
DAMANHUR	01	6	08	3	1	3	1	13.1	27.0	30	0	01	6	12	3	1	4	8	11.8	17.8	68	0	136
MANSURA	01	8	02	2	1	3	0	12.3	27.2	31	0	01	6	04	3	1	3	0	11.9	17.0	80	0	137
TANTA	00	8	32	1	0	0	—	11.2	28.4	23	0	00	8	00	0	0	0	—	11.6	18.0	70	0	138
ZAGAZIG	00	8	32	2	0	0	—	11.5	24.6	37	0	00	6	32	2	0	2	8	12.4	17.2	82	0	139
SHEBIN EL KOM	00	8	02	2	0	0	—	11.4	28.4	25	0	00	8	02	2	1	0	—	12.7	19.1	61	0	—
ALMAZA	01	8	32	3	2	4	1,2	10.3	28.0	16	0	00	7	06	4	0	0	∸	11.0	21.2	48		141
EZBEKIYA	02	8	30	2	1	5	1	11.2	28.3	26	0	00	7	02	3	0	0	—	11.0	22.8	41	0	—
GIZA	01	8	30	2	1	3	5	10.8	27.0	24	0	00	7	02	3	1	0	—	10.7	21.2	49	0	—
HELWAN	01	8	26	4	1	4	1	10.2	27.5	17	0	05	6	02	5	0	0	—	10.4	21.7	45	0	143
SUEZ	01	9	28	1	1	5	1	11.6	29.4	12	0	01	9	28	1	0	5	1	10.3	21.8	43	0	144
FAIYUM	01	8	30	1	1	4	2	10.6	27.9	20	0	00	8	00	0	0	0	—	9.8	21.0	60	0	153
MINYA	01	9	02	2	1	3	2	10.4	29.7	15	0	00	8	30	1	0	0	—	8.8	21.5	44	0	154
ASYUT	00	7	20	1	0	0	—	10.8	29.3	20	0	00	6	20	1	0	0	—	10.6	22.3	31	0	155
NAG HAMADI	00	8	00	0	0	0	—	8.6	31.5	15	0	00	8	00	0	0	0	—	9.8	20.0	54	0	164
QENA	00	9	22	2	0	0	—	9.2	33.4	15	0	00	6	24	1	0	0	—	9.4	22.4	33	0	156
LUXOR																							157
ASWAN	02	9	30	1	1	5	1	9.4	32.4	02	0	00	9	00	0	0	0	—	9.0	26.0	10	0	158
SIWA	00	8	20	4	0	0	—	11.9	31.8	20	0	00		04	6	0	0	—	10.2	22.6	74	0	148
BAHARIYA												00		00	0	0	0	—	—	—	—	0	149
KHARGA	00	9	32	1	0	0	—	11.1	30.5	17	0	00	9	32	1	0	0	—	10.8	26.3	15	0	151
DAKHLA	00	9	32	1	0	0	—	9.5	37.1	18	0	00	7	32	1	0	0	—	10.0	25.2	18	0	152
TOR	00	7	28	3	0	0	—	10.7	25.4	57	0	00	7	28	3	0	0	—	—	20.1	48	0	145
HURGHADA	00	9	02	3	0	0	—	12.0	26.4	65	0	00	9	04	3	0	0	—	—	24.8	74	0	146
QUSEIR	00	8	02	2	0	0	—	10.6	26.6	50	0	00	8	10	2	0	0	—	9.1	22.2	60	0	147
PORT SUDAN	02	8	02	2	1	7	5,2	9	28	70													204
WADI HALFA	00	8	32	2	0	2	1,2	9	32	07													165
KAREIMA	01	8	02	3	0	3	1,2	8	35	10													166
ATBARA	02	8	32	3	1	6	4,2	5	36	17													167
KHARTUM	02	8	06	2	1	5	4	5	37	09													169
KASSALA	02	8	00	0	1	6	8,4	1	38	37													170
WAD MEDANI	02	8	30	4	1	7	6	2	39	07													171
RENK	01	9	28	3	1	4	4	0	40	17													182
ROSEIRES	01	8	12	1	0	4	1	3	41	18													172
EL OBEID	02	8	04	3	1	6	2,4	3	35	18													174
EL FASHER	01	9	30	3	1	4	1,4	—	34	20													175
GENEINA	01	8	12	2	0	3	1	—	36	06													179
KADUGLI	02	8	04	3	1	6	4	5	36	06													187
MALAKAL	01	8	08	2	1	5	4	3	40	06													176
WAU																							177
JUBA	02	8	32	1	1	6	8,2	3	37	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 9th (MATRUH, MARIUT, PORT SAID, ALMAZA, MINYA, LUXOR, HURGHADA, WADI HALFA, KAREIMA, KHARTUM, KASSALA, EL OBEID, MALAKAL, JUBA):

13 15 12 15 12 45 — 13 — 13 — 13 15 — 13 — 13
03 03 15 03 04 05 03 08 30 — 03 33 05 02 00 00 — 09 35 15 — 09 20 05 09 01 35
06 07 05 06 12 35 06 10 20 — 06 34 05 06 00 00 — 15 34 15 — 15 16 05 15 01 35
09 19 05 09 14 15 — 09 30 15 09 00 00 — 21 32 05 — 21 16 10 21 02 20
15 24 20 15 28 20 — 12 29 20 15 27 05 — 27 23 15 — 27 15 15 27 06 20
18 26 20 21 31 15 — 15 27 15 21 25 10 — 33 25 20 — 33 13 15 33 07 15
21 26 15 24 27 20 — 18 22 15 30 24 25 — 39 23 30 — 39 15 20 39 31 30
24 24 10 27 18 05 — 39 24 25
27 25 10 30 22 15 — 45 24 40
30 35 15 — 60 24 55

9th

Station	Humidity 9th	Diff. from normal	Temp. 9th	Diff. from normal
Alexandria	68	+2	15.7	+0.5
Ezbekiya	45	−10	15.8	+0.7
Giza	61	+4	13.8	−1.0
Helwan	44	+2	14.3	+1.0

GRASS MINIMUM TEMP. 10th 8.1°

RIVER TEMP. NILE 10th 20.1°

10-4	810	810
9-4	810	810

Gauge	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	—	—	12.47	−0.83
Nasser	—	—	4.96	−0.32
Malakal	9.60	−0.46	9.60	−0.46
G. Aulia Res.	—	—	374.99	—
G. Aulia D.S.	—	—	371.68	+0.79
Roseires	11.58	+0.24	11.55	+0.19
Sennar Res.	—	—	16.22	—
Khartum	10.54	+0.19	10.54	+0.20
Kh. el Girba	—	—	—	—
Atbara	10.44	+0.47	10.44	+0.47
Hajnarti	132.66	+0.79	132.66	+0.78
Aswan Res.	119.96	—	119.92	—
Aswan D.S.	84.82	−0.76	84.82	−0.76
Roda (Cairo)	15.79	+0.29	15.82	+0.32

10 — 10

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

STATION	Present Weather	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud 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
SALUM											—		—					95
MATRUH	01	9	32	3	0	4	8	14.7	−0.3	16.4	23	+1	15	+2	86	0	85	156
MARIUT	01	7	28	2	0	3	6	13	—	19	27	—	12	—	73	0	131	137
ALEXANDRIA	02	8	04	1	2	6	6	13.4	−1.2	17.2	26	+3	15	0	85	0	165	181
DAMIETTA	01	7	32	3	1	3	4	11.8	−2.7	18.3	23	—	13	—	82	0	68	101
PORT SAID	02	8	32	2	1	6	6	16.8	−2.8	19.6	22	−1	16	+1	78	0	45	73
EL ARISH	00	7	30	1	0	0	—	—	—	17.4	—	—	—	—	71	0	51	87
DAMANHUR	00	6	12	2	0	0	—	12.0	−2.6	17.4	28	+2	13	+1	78	0	81	95
MANSURA	01	8	32	2	1	3	6	12.2	−2.7	17.8	28	+1	13	+1	80	0	27	49
TANTA	00	8	32	1	0	0	—	12.2	−2.6	17.0	29	+2	10	−1	81	0	59	36
ZAGAZIG	00	6	28	2	0	0	—	11.4	−3.4	17.5	28	+1	11	0	77	0	9	25
SHEBIN EL KOM	00	8	32	2	0	0	—	11.6	−3.2	17.9	30	—	10	—	74	0	19	
CAIRO ALMAZA	04	7	04	3	0	2	8	12.2	−2.7	16.3	29	—	13	—	77	0	3	
CAIRO EZBEKIYA	05	5	02	2	1	5	4	12.2	−2.7	17.3	29	+1	13	0	78	0	3	23
CAIRO GIZA	09	6	30	3	1	4	8	12.3	−2.7	15.4	28	0	10	0	85	0	15	23
HELWAN	00	6	30	3	0	0	—	10.8	−3.6	19.3	28	0	13	−1	36	0	4	26
SUEZ	60	9	28	2	0	0	—	11.0	−3.7	17.9	33?	+6	13	−1	71	0	—	15
FAIYUM	00	8	32	3	0	0	—	11.2	−3.7	17.6	30	+1	12	0	67	0	8	8
MINYA	00	9	16	1	0	0	—	10.4	−4.0	21.0	30	0	12	−1	35	0	dr	
ASYUT	00	7	14	1	0	0	—	10.7	−3.5	20.2	31	0	12	−2	48	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	10.2	−3.2	21.6	32	—	7	—	38	0	1	
QENA	00	7	08	1	0	0	—	11.4	−1.8	21.0	36	+2	10	−5	37	0	13	
LUXOR	00	7	30	2	0	0	—	12.3	−0.9	24.6	35	+1	13	−1	33	0	0	
ASWAN	00	9	20	1	0	0	—	11.5	−1.3	21.5	34	0	16	−2	28	0	dr	
SIWA	00	7	32	4	0	0	—	14.7	−1.1	15.2	33	+4	13	+2	81	0	1	8
BAHARIYA	00	9	32	1	0	0	—	11.3	−4.2	—	—	—	7	−3	—	0	0	7
KHARGA	00	9	16	1	0	0	—	12.0	−1.8	18.2	35	+2	11	−4	27	0	1	
DAKHLA	00	7	26	4	0	0	—	12.7	−1.6	21.0	37	+5	12	−2	36	0	0	
TOR	00	7	04	3	0	0	—	12.8	+0.1	19.2	—	—	14	−2	—	0	0	13
HURGHADA	00	9	30	3	0	0	—	12.4	−0.3	21.1	27	−1	14	−1	54	0	1	3
QUSEIR	00	8	30	2	0	0	—	16.3	−2.3	23.1	28	+1	18	−1	46	0	11	4
PORT SUDAN	02	8	00	0	1	6	4,2	11		25					84	0	17	95
WADI HALFA	00	8	00	0	0	0	—	12		19					30	0	tr	
KAREIMA	00	8	04	2	0	0	—	12		22					31	0	7	1
ATBARA	01	8	30	1	1	4	4	11		24					26	0	2	2
KHARTUM	01	8	30	2	1	5	4,5	12		27					13	0	3	4
KASSALA	01	8	14	4	1	4	4	8		28					52	0	31	9
WAD MEDANI	01	8	08	2	1	5	3	8		30					33	0	13	12
RENK	00	9	04	3	0	0	—	6		32					17	—	—	51
ROSEIRES	01	8	12	2	1	4	1	—		31					38	0	82	43
EL OBEID	01	9	32	4	1	4	4,2	11		26					23	0	44	17
EL FASHER	00	9	30	1	0	3	1			—					—	0	2	6
GENEINA	01	9	02	3	1	4	1			23					07	0	—	5
KADUGLI	02	8	24	2	1	6	4	9		29					06		—	94
MALAKAL	00	8	02	3	0	2	4	9		31					11	0	170	102
WAU																	113	192
JUBA	01	8	24	1	1	4	4	10		29					55	0	197	219

Upper Winds are in the Code HHDDVV where HH is Height 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 (MATRUH, MARIUT, PORT SAID, HELWAN, MINYA, ASYUT, LUXOR, ASWAN, WADI HALFA, NAG HAMADI, KAREIMA):

7 — 7 15 — 8 — 8 30 — 7 15 — 7 — 7 — 7 — 7 15 — 7 — 7
02 24 20 03 13 15 03 36 15 02 04 20 03 14 30 02 17 30 03 36 10 05 17 05 09 36 05 09 02 30 09 03 30
06 35 25 06 21 15 06 03 10 05 06 20 06 17 35 05 18 30 06 08 05 10 21 05 15 25 05 15 23 20 15 35 15
09 26 20 09 01 20 09 02 10 08 07 40 09 17 30 10 21 40 09 15 05 — 21 30 20 21 24 10 21 36 10
12 36 25 12 03 30 12 02 15 10 19 35 15 21 30 — 15 27 20 — 27 31 15 27 23 25 27 20 05
15 36 30 15 34 30 15 35 15 15 23 10 18 21 35 — 21 29 20 — 30 29 25 33 22 35 33 32 10
18 33 25 18 30 10 20 24 15 21 22 35 — 27 27 25
21 27 05 30 23 30 24 22 35 — 30 27 25
27 24 30 40 23 45 — 33 26 20
30 24 35 50 24 50

KASSALA, PORT SUDAN, EL OBEID, EL FASHER, GENEINA, MALAKAL:

7 — 7 — 7 — 7 — 7 — 7
09 12 30 09 01 02 09 03 50 09 36 15 09 06 40 09 04 45
15 11 40 — 15 03 50 15 05 24 15 08 30 15 04 40
21 10 30 — 21 05 20 21 31 05 21 33 25 21 06 25
27 07 30 — 27 19 15 27 22 05 24 31 35 27 06 20
33 31 05 — 33 31 15 33 24 05 33 28 30 33 05 20
39 04 05 — 39 33 15 — 39 25 35 39 36 15

ALMAZA — 4h — on 10th

Height			
Surface	1002	57.5	57
500	984	60	53
000	966	63	49
1500	949	62.5	48.5
000	932	62.5	46
000	866	58	43
000	803	49	37
000	744	42	30
0000	689	31	26
000	637	20	17
4000	589	10	10
3000	542	3	1

CYPRUS SYNOPTIC ON 10th

34750 03978 00028 10191 20200 00130.
34886 25863 28388 1116X X1300 97130.

WIND FORCE: Calm; Light air; Very light; Light; Moderate; Fresh; Strong; Very strong; Gale; Strong gale; Whole gale; Storm; Hurricane over 64

WIND DIRECTION (DD): 0 on degrees 01-39; 18 — East, 6 — South; 24 — West, 32 — North; 32 a 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	
Distant Duststorm	
Squally	
Slight Duststorm	
Slight Thunderstorm	
Heavy Thunderstorm	
Fog or thick haze	
Fog in last hour	
Drizzle	
Rain	
Rain and Fog	
Rain and Snow	
Showers	
Thunderstorm	

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 05 h. 34 m.
Sunset 18 h. 19 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.G.

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on WEDNESDAY 10th — الساعة ١٤ يوم الأربعاء ١٠ ; At 20h. on WEDNESDAY 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 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
SALÛM																							130
MATRÛH	01	9	32	3	1	4	8	15.0	18.2	76	0	01	8	30	3	1	4	8	14.8	17.6	80	0	131
MARIUT	00	7	29	4	0	1	1	13	20	64	0	05	6	29	3	1	3	0	14	17	68	0	150
ALEXANDRIA	01	9	32	5	2	4	8	13.2	20.3	63	0	01	6	32	2	2	4	8	14.7	16.4	75	0	132
DAMIETTA	00	7	30	4	1	2	8	11.4	20.0	75	0	02	7	30	3	1	6	1	11.9	17.0	90	0	159
PORT SAÎD	02	8	28	4	2	5	1	11.8	22.7	69	0	01	8	28	2	1	5	1	12.3	17.0	86	0	134
EL ARÎSH	00	7	30	1	0	0	—	11.8	19.2	58	0	00	7	20	1	0	0	—	12.1	16.2	70	0	135
DAMANHÛR	00	7	04	4	0	0	—	12.4	23.2	43	0	01	6	04	3	1	3	3	13.5	14.8	78	0	136
MANSÛRA	01	8	32	2	1	3	0	11.8	24.6	45	0	01	6	04	2	1	4	8	13.0	16.8	79	0	137
TANTA																							138
ZAGAZIG	00	6	28	2	0	2	8	—	27.2	47	0	06	6	24	2	0	2	8	—	16.2	84	0	139
SHEBÎN EL KÔM	00	8	30	3	1	3	8	10.6	27.4	36	0	06	7	30	2	1	2	8	11.9	17.1	73	0	—
CAIRO ALMAZA	00	8	04	3	0	2	4	9.8	27	20	0	00	7	02	3	0	0	—	12.3	19.1	44	0	141
CAIRO EZBEKÎYA	05	7	02	3	0	3	4	10.3	26.7	27	0	00	7	30	3	0	0	—	12.8	19.0	66	0	—
CAIRO GÎZA	00	8	02	4	1	1	5	10.0	26.3	22	0	00	7	30	3	0	1	8	12.7	17.9	57	0	—
HELWÂN	00	7	32	4	0	2	4	9.5	27.1	16	0	00	6	32	5	0	0	—	11.9	19.6	42	0	143
SUEZ	00	9	02	2	0	3	3	11.1	26.6	25	0	00	9	32	3	0	0	—	11.9	19.0	68	0	144
FAIYÛM	00	8	32	4	0	0	—	9.1	28.0	14	0	00	8	30	3	0	0	—	12.3	20.0	66	0	153
MINYA	00	9	24	2	0	0	—	9.1	30.7	13	0	00	8	02	4	0	0	—	10.4	22.4	37	0	154
ASYÛT	00	8	20	1	0	0	—	9.0	30.2	20	0	00	6	28	1	0	0	—	9.5	24.0	30	0	155
NAG HAMÂDI	00	8	20	2	0	0	—	7.5	33.4	14	0	00	8	00	0	0	0	—	8.8	23.0	34	0	164
QENA	00	9	22	3	0	0	—	7.4	34.8	12	0	00	6	22	2	0	0	—	7.9	23.6	32	0	156
LUXOR	00	7	10	2	0	0	—	6.0	35.5	35	0	00	6	28	2	0	0	—	8.4	26.2	29	0	157
ASWÂN	06	9	20	2	0	0	—	8.0	34.8	05	0	00	9	00	0	0	0	—	8.4	27.0	45	0	158
SÎWA	00	8	28	3	0	0	—	12.0	25.8	15	0	00	5	00	0	0	0	—	15.1	22.0	43	0	148
BAHARÎYA	00	9	32	1	0	0	—	11.6	26.0	42	0												149
KHÂRGA	00	9	24	1	0	0	—	9.6	33.7	14	0	00	9	32	1	0	0	—	9.6?	27.6	27	0	151
DÂKHLA	00	6	28	—	0	0	—	9.9	28.1	32	0	00	6	24	2	0	0	—	13.2	20.8	38	0	152
TÔR	00	7	28	4	0	0	—	12.8	24.1	57	0	00	7	28	3	0	0	—	—	20.1	48	0	145
HURGHÂDA	00	9	12	3	0	0	—	11.4	25.1	84	0	00	9	12	4	0	0	—	9.9	23.4	87	0	146
QUSEIR	00	8	04	1	0	0	—	9.0	26.4	66	0	00	8	10	2	0	0	—	8.8	24.6	65	0	147
PORT SÛDÂN	02	8	10	3	1	6	6	8	28	79	0												[illegible]
WÂDI HALFA	00	8	26	3	0	0	—	9	34	05	0												165
KAREIMA	00	8	32	3	0	0	—	8	35	09	0												166
ATBARA	00	6	00	0	1	3	1	7	37	13	0												167
KHARTÛM	00	7	02	2	0	1	1	5	37	13	0												[illegible]
KASSALA	01	8	12	1	1	4	3	4	34	32	0												170
WAD MEDANI	01	8	26	2	1	5	4	3	39	10	0												171
RENK	00	9	28	3	0	0	—	—	31	29	0												182
ROSEIRES	00	8	12	1	1	0	—	—	38	17	0												172
EL OBEID	01	6	02	3	1	4	2	5	36	15	0												174
EL FÂSHER	00	9	32	3	1	2	1	—	36	24	0												175
GENEINA	01	9	06	2	1	4	1	—	35	06	0												179
KADUGLI	02	8	20	2	1	5	2	6	39	11	0												187
MALAKÂL	01	8	02	3	1	4	4	3	39	12	0												176
WÂU																							177
JUBA	01	8	30	2	1	4	8	3	38	29	0												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.	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												—		—				95
MATRÛH	01	9	26	3	1	4	6	15.5	+0.5	16.4	19	−3	12	−1	79	0	88	156
MARIUT	01	7	28	3	1	4	6	15	—	18	21	—	16	—	73	0	181	137
ALEXANDRIA	01	8	24	3	2	4	8	15.4	+0.8	17.6	22	−1	16	+1	68	0	165	182
DAMIETTA	01	7	24	4	1	5	6	13.9	−0.6	15.7	23	—	14	—	78	0	68	102
PORT SAÎD	01	8	20	3	0	5	6	13.6	0.0	19.2	23	0	16	+1	69	0	45	74
EL ARÎSH	02	7	30	1	1	6	4	—	—	17.4	20?	−3	—	—	76	0	51	87
DAMANHÛR	01	7	04	4	1	4	8	14.8	+0.3	17.0	24	−2	11	−1	82	0	81	95
MANSÛRA	01	8	28	2	1	4	0	14.7	−0.2	17.4	27	0	13	+1	78	0	27	49
TANTA																	59	36
ZAGAZIG	02	6	28	2	1	6	8	14.6	−0.2	16.1	28	0	11	0	78	0	9	25
SHEBÎN EL KÔM	00	8	30	2	0	0	—	14.2	−0.5	18.4	29	—	11	—	70	0	19	—
CAIRO ALMAZA	05	6	26	2	2	5	6	15.1	+0.3	15.0	28	—	14	—	89	0	3	—
CAIRO EZBEKÎYA	05	5	00	0	1	6	6	15.6	+0.8	16.1	28	0	14	+1	80	0	3	23
CAIRO GÎZA	02	7	30	3	1	5	8	15.9	+0.9	16.4	28	0	13	+3	82	0	15	23
HELWÂN	09	6	30	3	2	5	0	15.4	+0.9	15.2	28	0	13	−1	84	0	4	26
SUEZ	01	9	28	2	0	4	5	15.8	+1.2	17.4	28	0	14	−1	63	0	—	15
FAIYÛM	02	8	30	2	2	6	6	16.0	+1.2	16.1	28	−1	12	0	81	0	8	8
MINYA	01	8	30	3	1	4	8	15.5	+1.2	17.3	31	+1	13	0	75	0	tr	—
ASYÛT	00	7	30	1	1	0	—	15.5	+1.4	16.3	31	0	11	−3	76	0	0	4
NAG HAMÂDI	00	8	24	2	0	0	—	14.3	+1.0	19.0	32	—	14	—	54	0	1	—
QENA	00	7	22	2	0	0	—	12.8	−0.3	21.6	36	+1	15	0	47	0	13	—
LUXOR	00	7	28	2	0	0	—	13.0	−0.1	24.4	36	+2	18	+3	37	0	0	—
ASWÂN	00	9	28	1	0	0	—	13.2	+0.5	21.7	35	0	18	−1	42	0	tr	—
SÎWA	00	7	00	0	0	0	—	—	—	17.6	28	−1	10	−1	65	0	1	8
BAHARÎYA	00	9	00	0	0	0	—	18.2	+2.8	—	27	−3	—	—	—	0	0	7
KHÂRGA	00	4	32	1	0	0	—	15.2	+1.4	18.5	35	+2	16	+1	50	0	1	—
DÂKHLA	00	7	26	2	0	0	—	17.9	+3.7	18.2	29	−4	14	0	58	0	0	—
TÔR	00	7	28	5	0	0	—	12.8	+0.2	14.2	26	−1	11	−5	47	0	0	13
HURGHÂDA	00	9	30	4	0	0	—	12.6	0.0	20.8	27	−1	15	−1	26	0	1	3
QUSEIR	00	8	30	4	0	0	—	10.0	−2.5	23.2	28	+1	19	0	44	0	11	4
PORT SÛDÂN	00	8	12	2	0	1	6	8		27					79	0	17	95
WÂDI HALFA	00	7	02	2	0	0	—	15		21					26	0	tr	
KAREIMA	00	7	02	5	0	0	—	13		24					15	0	7	.1
ATBARA	00	8	30	3	0	0	—	10		26					11	0	2	2
KHARTÛM	01	8	30	3	0	3	2	11		26					14	0	3	4
KASSALA	02	8	00	0	1	5	4,2	7		31					41	0	31	10
WAD MEDANI	02	9	30	4	1	5	1	9		28					—	0	13	12
RENK	01	9	30	3	1	4	4	6		31		—		—	19	—	—	51
ROSEIRES	00	8	28	1	1	0	—	—		29					25	0	82	43
EL OBEID	02	9	30	3	1	5	2	12		26					18	0	44	17
EL FÂSHER	01	9	00	0	1	4	2	—	—	21					23	0	2	6
GENEINA	01	8	04	3	0	4	1	—	—	22		—		—	13	—	—	5
KADUGLI	02	8	12	2	1	6	4	10		27		—		—	10	—	—	95
MALAKÂL	02	8	04	3	1	7	4,5,2	9		33					5	0	170	103
WÂU																		194
JUBA	62	8	14	3	9	8	8,4,5	11		23					84	17	216	223

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRÛH 13	MARIUT 12 h. 30 m.	PORT SAÎD 13	LUXOR 13	EL OBEID 12 h. 30 m.	JUBA 13 h. 15 m.
03 34 70	03 32 30	03 18 05	03 25 15	09 02 15	09 07 15
06 34 65	06 31 30	06 09 15	06 22 15	15 04 10	15 05 30
09 34 65	09 29 20	09 28 15	09 20 10	21 31 05	21 05 30
12 35 55	12 30 20	12 23 25	15 21 25	24 32 05	27 05 20
	15 29 20	15 22 30	21 24 35		33 06 15
	18 26 20	18 22 35	27 25 40		
	21 25 30	21 22 50	30 25 45		
		24 20 30	39 23 50		
		27 21 45	45 25 60		

Upper winds on 11th

MATRÛH 7 h. 15 m.	PORT SAÎD 7 h. 30 m.	HELWÂN 9 h.	ASYÛT 7 h.	ASWÂN 7 h.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h.	KAREIMA 7 h.	KHARTÛM 6 h. 30 m.
03 31 30	03 31 35	02 33 25	02 33 10	02 01 15	09 — —	09 35 45	09 01 45	09 35 45
06 31 35	06 28 25	05 33 30	05 34 40	05 35 60	15 35 30	15 34 40	09 03 40	15 30 15
09 31 30	09 29 20	08 34 05	10 34 30	10 35 40	21 30 30	18 34 40	21 04 25	21 22 20
		10 32 15	15 34 40	15 33 45	24 32 30			24 21 25
		13 31 25	20 33 40	20 35 20				30 21 15
				25 05 30				39 25 20

KASSALA 7 h.	PORT SÛDÂN 7 h. 15 m.	EL OBEID 7 h.	GENEINA 7 h.	MALAKÂL 7 h.
09 34 25	09 06 05	09 36 20	09 05 35	09 07 35
15 34 10		15 01 30	15 07 45	15 08 20
21 30 05		21 02 45	21 03 15	21 10 15
27 07 05		27 05 30	27 01 15	27 09 20
33 17 05			33 35 15	
			39 29 10	

UPPER AIR TEMP. ALMAZA at 22h. M.T. on 10th

Height Feet	Pressure	Temp.	Dew point
Surface	1008	58	57
500	986	56	55
1000	968	55	53
1500	951	54	51
2000	934	54	46
	867	50	41
	804	42	35
	746	36	28
	690	29	24
	639	24	21
	590	16	14
	544	7	7

CYPRUS SYNOP 3h ON 11th

36702 03898 00028 11171 50305 00150.
36852 03855 24288 13131 2X007 97121.

Station	Max. Temp. 10th	Diff. from normal	Min. Temp. 10th	Diff. from normal
Alexandria	78	+12	15.3	0.0
Ezbekiya	68	+13	15.5	+0.3
Giza	70	+13	14.2	−0.7
Helwan	35	−7	13.0	−0.4

Grass minimum temp. 11th 10.0

11th 20.3

11-4	810	810
10-4	810	810

11-4

Gauge	Date 1946	Reading m.	Diff. from normal	Previous day Reading m.	Previous day Diff. from normal
Juba		—	—	12.48	−0.82
Nasser		—	—	4.97	−0.35
Malakal		9.60	−0.07	9.60	−0.46
J. Aulia Res.		—	—	374.97	—
J. Aulia D.S.		—	—	371.69	+0.80
Roseires		11.66	+0.31	11.58	+0.24
Sennar Res.		—	—	16.10	—
Khartum		10.54	+0.18	10.54	+0.19
[illegible] Tirba		—	—	—	—
[illegible]		10.44	+0.46	10.44	+0.47
[illegible]		132.69	+0.83	132.66	+0.79
[illegible]		119.97	—	119.96	—
[illegible]		84.62	−0.76	84.62	−0.76
[illegible]		15.73	+0.22	15.79	+0.24

PRESENT WEATHER 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	15
Rain in past hour	20
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30
Fog or Thick Haze	
Mod. Fog in last hour	
Thick	
Fog in patches	
Drizzle	50
Rain	60
Rain and Fog	
Rain and Snow	68
Snow	70
Showers	80
Thunderstorm	90

WIND FORCE

Calm	0	
Almost calm		
Very light		
Light		
Moderate	19-28	
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	
Gale	55-65	8
Strong gale		
Whole gale		
Storm		
Hurricane		

Showers

Thunderstorm

Fog or Dust

CLOUD FORM

Cirrus
Cirro-stratus
Cirro-cumulus
Alto-cumulus
Alto-stratus
Strato-cumulus

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 P.S.

DAILY WEATHER REPORT

Time of Sunrise 05 h. 32 m. — Sunset 18 h. 20 m.

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. and 20h. on THURSDAY 11th — الساعة ١٤ يوم الخميس ١١ / الساعة ٢٠ يوم الخميس 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
Salûm																							130
Matrûh	00	9	30	3	1	0	—	15.4	19.0	75	0	01	8	00	0	0	4	8	15.6	17.2	71	0	131
Mariut	05	6	26	3	0	0	—	15	21	50	0	05	6	29	3	1	3	6	14	17	68	0	150
Alexandria	00	9	30	2	0	0	—	15.1	19.8	63	0	01	6	30	2	1	4	8	14.8	17.2	72	0	132
Damietta	00	7	30	5	1	0	—	13.9	19.9	73	0	00	8	28	2	0	0	—	13.9	16.5	89	0	159
Port Sa'îd	00	7	30	4	0	0	—	13.5	21.8	63	0	00	8	30	4	0	3	1	13.9	17.0	79	0	134
El 'Arîsh	00	7	32	1	0	0	—	13.0	20.2	58	0	00	7	00	0	0	0	—	—	16.2	69	0	135
Damanhûr	00	7	04	3	1	3	8	14.0	22.3	45	0	00	6	08	3	0	3	1	14.2	15.3	78	0	136
Mansûra	01	8	28	2	1	4	8	13.9	24.7	37	0	00	6	02	2	1	0	—	14.3	16.4	71	0	137
Tanta	00	8	32	1	0	3	8	13.9	25.0	39	0	01	8	00	0	0	3	8	15.0	17.7	78	0	138
Zagazig	01	6	28	2	1	4	8	13.2	24.5	58	0	00	6	24	2	0	0	—	13.7	—	—	0	139
Shebîn el Kôm	01	8	30	3	1	3	8	13.5	25.4	39	0	00	7	30	2	0	0	—	14.2	17.2	64	0	—
Cairo Almaza	00	7	29	3	0	3	8	13.5	24.3	36	0	00	7	31	2	0	0	—	13.8	20.6	51	0	141
Cairo Ezbekîya	00	8	28	2	0	3	8	14.2	23.9	44	0	00	7	28	2	0	0	—	14.0	20.6	57	0	—
Cairo Gîza	00	8	30	3	0	2	8	13.9	23.9	40	0	00	7	28	2	0	1	5	14.0	19.7	53	0	—
Helwân	00	8	28	3	0	1	8	13.8	22.8	38	0	00	7	30	3	0	0	—	13.8	21.1	40	0	143
Suez	01	9	02	2	1	4	8	13.9	25.7	31	0	00	9	32	1	0	0	—	13.8	20.4	45	0	144
Faiyûm	00	8	30	2	1	2	8	14.3	24.0	37	0	00	8	30	1	0	0	—	13.2	20.4	60	0	153
Minya	00	9	02	2	1	0	—	13.9	25.0	33	0	00	8	04	1	0	0	—	12.4	21.3	45	0	154
Asyût	00	8	28	2	0	0	—	13.6	25.2	28	0	00	6	28	1	0	0	—	13.4	20.1	47	0	155
Nag' Hamâdi	00	9	24	1	0	0	—	12.6	27.5	22	0	00	8	24	1	0	0	—	12.7	20.8	41	0	164
Qena	00	9	26	2	0	0	—	12.0	31.0	17	0	00	6	26	2	0	0	—	11.9	24.4	26	0	156
Luxor	00	7	26	3	0	0	—	12.0	30.0	47	0	00	6	32	1	0	0	—	12.7	23.0	38	0	157
Aswân	00	9	32	3	0	0	—	10.8	29.2	18	0	00	9	00	0	0	0	—	11.6	25.0	22	0	158
Sîwa	00	8	24	3	0	0	—	17.1	26.3	47	0	00		00	0	0	0	—	16.2	21.0	49	0	148
Baharîya	00	9	00	0	0	0	—	16.7	23.5	42	0												149
Khârga	00	7	32	1	0	0	—	12.6	26.3	26	0	00	9	32	2	0	0	—	12.7	22.2	19	0	151
Dâkhla	00	8	28	2	0	0	—	15.1	26.2	36	0	00	6	28	2	0	0	—	16.4	18.9	39	0	152
Tôr	00	7	28	6	0	0	—	13.1	25.5	57	0	00	7	28	5	0	0	—	—	20.1	48		145
Hurghâda	00	9	32	5	0	0	—	12.0	25.7	28	0												146
Quseir	00	8	32	4	0	0	—	9.9	26.2	54	0	00	8	32	3	0	0	—	10.6	24.0	48	0	147
Port Sûdân	00	8	08	3	0	3	8	7	29	82													169
Wâdi Halfa	00	7	32	3	0	1	1,2	11	29	12													165
Kareima	00	8	32	3	0	0	—	11	34	09													166
Atbara	00	7	30	4	0	0	—	6	36	06													167
Khartum	01	8	26	4	1	3	2	7	36	15													163
Kassala	01	8	20	1	1	4	8,14	2	39	14													170
Wad Medani	01	8	30	2	1	5	3	3	39														171
Renk	01	9	28	3	1	4	4	3	40	11													182
Roseires	01	8	28	1	0	4	1	5?	39	16													172
El Obeid	02	9	30	4	1	7	2	4	38	06													174
El Fâsher	01	9	01	2	1	4	1	—	34	23													175
Geneina	01	8	04	2	1	4	1	—	34	08													179
Kadugli	02	8	12	2	1	6	2	5	37	17													187
Malakâl	02	8	04	1	1	7	8,2	5	38	06													176
Wâu																							177
Juba	02	8	16	3	5	5	4,5	8	31	55													178

At 8h. on FRIDAY 12th — الساعة ٨ يوم الجمعة ١٢

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.	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 Oct 1 mms	Norm from Oct 1 mms
Mediterranean	Salûm												—		—				95
	Matrûh	02	9	00	0	1	7	8	13.4	−1.5	17.0	20	−2	13	0	45	0	88	157
	Mariut	48	3	19	2	4	9	—	14		14	21	—		—	88	0	181	137
	Alexandria	02	7	20	2	2	5	6	14.7	+0.1	16.4	21	−2	17	+2	77	0	165	182
	Damietta	01	7	20	1	1	3	2	14.3	−0.1	17.8	21	—	10	—	81	0	68	102
	Port Sa'îd	01	7	18	3	1	5	9	14.3	+0.8	16.9	24	+1	14	−1	78	0	45	74
	El 'Arîsh	02	7	20	1	1	6	3	—	—	17.4	20	−4	10	−2	71	0	51	88
Lower Egypt	Damanhûr	01	6	08	3	1	4	1	15.2	+0.7	16.6	24	−2	12	0	78	0	61	95
	Mansûra	01	8	04	1	1	4	6	14.8	0.0	16.0	25	−2	10	−2	79	0	27	49
	Tanta	01	8	00	0	0	3	8	15.0	+0.2	18.2	26	−2	9	−2	75	0	59	37
	Zagazig	01	6	16	2	1	4	8	14.8	0.0	18.5	26	−2	11	0	80	0	4	25
	Shebîn el Kôm	00	8	22	1	0	2	8	15.2	+0.5	18.1	27	—	12	—	69	0	19	
Middle Egypt	Cairo Almaza	05	6	00	0	2	4	6	14.2	−0.6	17.0	26	—	11	—	70	0	3	—
	Cairo Ezbekîya	05	6	24	1	0	3	6	15.2	+0.4	16.6	26	−2	13	0	73	0	3	23
	Cairo Gîza	09	7	28	1	1	4	8	15.6	+0.7	15.5	25	−3	9	−1	83	0	15	23
	Helwân	09	5	00	0	0	1	1	15.2	+0.8	14.6	24	−4	11	−3	80	0	4	26
	Suez	00	9	02	1	0	0	—	16.6	+2.1	18.4	27	−1	11	−4	66	0	—	15
Upper Egypt	Faiyûm	00	8	32	1	0	0	—	14.2	−0.6	16.5	26	−3	12	−1	74	0	8	8
	Minya	00	9	14	1	0	0	—	14.6	+0.4	19.7	26	−4	12	−1	54	0	tr.	—
	Asyût	00	7	20	1	0	0	—	15.2	+1.2	19.2	27	−4	11	−3	—	0	0	4
	Nag' Hamâdi	00	8	00	0	0	0	—	15.1	+1.9	18.0	28	—	10	—	51	0	1	
	Qena	00	7	24	1	0	0	—	14.3	+1.3	21.2	33	−2	14	−2	43	0	13	
	Luxor	00	7	28	1	0	0	—	14.6	+1.6	23.0	31	−3	13	−2	31	0	0	
	Aswân	00	9	32	2	0	0	—	14.0	+1.4	20.7	30	−5	15	−4	29	0	tr.	
Western Desert	Sîwa	02	7	00	0	2	7	4	15.0	−0.7	16.0	28	−1	10	−2	64	0	1	8
	Baharîya	03	9	00	0	0	0	—	—	—	17.0	24	−6	10	−2	52	0	0	7
	Khârga	00	9	32	1	0	0	—	17.0	+3.3	17.8	29	−4	11	−4	42	0	1	—
	Dâkhla	00	8	00	0	0	0	—	16.0	+1.9	19.5	27	−6	11	−3	48	0	0	
Red Sea	Tôr	00	7	28	5	0	0	—	—	—	—	26	−1	11	−5	—	0	0	13
	Hurghâda																		3
	Quseir	00	8	22	4	0	0	—	12.7	+0.2	22.7	27	0	19	0	48	0	11	4
	Port Sûdân	00	8	30	2	0	0	—	12		27					58	0	17	95
North Sûdân	Wâdi Halfa	00	8	01	3	0	0	—	14		20					26	0	tr.	
	Kareima	00	8	04	3	0	0	—	13		23					29	0	7	1
	Atbara	00	8	30	3	0	0	—	11		24					16	0	2	2
	Khartum	01	7	30	3	1	4	1,2	11		25					16	0	3	4
	Kassala	02	8	00	0	1	6	2	8		25					24	0	31	10
Central Sûdân	Wad Medani	02	9	02	5	1	7	1	10		27					07	0	13	13
	Renk	00	9	18	3	0	0	—	10		28				—	25	—	—	51
	Roseires	01	8	28	1	1	3	1	—		26					27	0	82	44
	El Obeid	02	9	32	4	1	7	2	11		25					17	0	44	17
	El Fâsher	01	8	32	2	1	4	1	—	—	20					35	0	2	6
	Geneina	01	7	04	3	0	4	1	—	—	23	—		—		11	—	—	5
	Kadugli	02	7	04	3	1	5	2	10		28					14	—	—	95
S. Sûdân	Malakâl	05	6	00	0	1	5	4,5	9		31					43	0	170	104
	Wâu	02	8	20	2	1	6	4,2	9		28					58	0	113	196
	Juba	02	8	14	2	6	8	4,5	10		24					84	tr.	216	227

Upper Winds

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

11th

Matrûh	Mariut	Port Sa'îd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakâl	Juba
12 h. 30 m.	12 h. 46 m.	12 h. 30 m.		13 h.	13 h.		13 h. 15 m.	12 h. 45 m.		13 h.	12 h. 45 m.		13 h.
03 34 35	03 30 25	03 29 30		03 32 20	03 32 30		09 35 20	09 34 40		09 19 10	09 35 10		09 19 15
06 33 40	06 30 15	06 29 30		06 34 20	06 33 20		15 33 25	15 34 30		15 24 30	15 35 30		15 15 20
09 33 35	09 30 20	09 30 25		09 34 30	09 32 20		21 31 20	21 36 15		21 25 40	21 35 20		21 10 15
15 32 40	15 29 30	15 31 25		15 32 30	15 32 30		27 29 35	27 01 15		27 26 40	27 08 10		27 04 10
24 30 35		21 29 30		21 34 30	21 29 40		33 29 40	30 02 15		33 23 40			33 04 15
				30 32 35	30 28 40		39 29 30						
					39 28 55								

Upper Winds on 12th

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartum
7 h.	7 h.	6 h. 30 m.		7 h.		7 h.		7 h. 15 m.	7 h. 15 m.	7 h.	7 h.
03 20 15	03 23 10	03 25 10				03 33 15		09 01 50	09 01 40	09 02 55	09 36 45
06 26 25	06 30 15	06 27 10		06 32 15		06 01 25		15 01 30	15 33 10	15 01 25	15 32 15
09 26 30	09 31 25	09 28 15		09 31 25		09 36 25		21 36 15	21 06 08	21 36 20	21 25 20
13 30 30	12 30 20	15 31 15		12 32 25		15 34 35		27 33 20	27 27 15	27 36 30	
21 32 25				15 33 25		21 32 35		33 30 20	33 28 10	30 01 20	
30 32 40				18 33 25		30 32 35		39 29 30	39 27 15		
33 33 55						39 30 50					
						45 29 45					
						51 28 50					

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakâl
	7 h.	6 h. 30 m.	7 h.		7 h.
	09 02 40	09 34 25	09 02 30		09 04 15
	15 04 30	15 35 20	15 04 40		15 02 15
	21 16 15	21 34 10			21 24 05
	27 16 15	27 07 10			27 26 15
	33 17 15	33 06 05			33 24 15
		39 07 05			39 23 20

Upper Air Temp. — Almaza at 24 h. on 11th

Height feet	Pressure		
Surface	1004	57	50
500	986	56	54
1000	968	56	54
1500	951	54	52
2000	934	54	46
4000	867	53	38
6000	804	46	33
8000	746	41	28
[illegible]	690	36	26
	639	28	23
	590	23	19
	644	15	14

Sea / Station observations

Station	11th	Diff. from normal	11th	Diff. from normal
Alexandria	68	+1	14.9	−0.4
[illegible]esiya	64	+9	15.5	+0.2
[illegible]	65	+8	15.1	+0.2
[illegible]wan	58	+16	14.2	+0.7

Grass minimum temp. 12th 5.6°

12th 20.5°

12–4	810	810
11–4	810	810

Gauge readings

Gauge	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	12.49	−0.80	12.49	−0.80
[illegible]	5.05	−0.35	5.00	−0.36
Malakâl	9.59	−0.49	9.60	−0.47
Aulia Res.			374.91	
Aulia D.S.			371.69	+0.81
Roseires	11.69	+0.34	11.66	+0.31
Sennar Res.	16.00		16.00	
Khartum	10.52	+0.15	10.54	+0.18
[illegible]	10.44	+0.46	10.44	+0.46
[illegible]	132.68	+0.83	132.69	+0.83
[illegible]	12?.00		119.97	
[illegible]	4.82	−0.76	84.82	−0.76
[illegible]	15.73	+0.22	15.73	+0.22

12th

34700 01990 18104 11171 39305 01101

34853 01961 28104 12151 10301 00080

PRESENT WEATHER 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
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30–34
Fog or Thick haze	40–49
Mod. Fog in last hour	
Thick	
Fog in patches	
Drizzle	50–59
Rain	60–66
Rain and Fog	67
Rain and Snow	68, 69
Showers	80–89
Thunderstorm	90–99

PAST WEATHER (W): Clear, slight cloud 0; Mainly overcast 2; Fog, thick dust haze; Drizzle; Rain 6; Snow, sleet; Showers; Thunderstorm.

VISIBILITY (V): Objects not visible at 50 metres 0; 200; 500 2; 1 Kilometre 3; 2; 4; 10; 20; 50; Visible over 50 Kms 9.

CLOUD AMOUNT (N): Clear 0; Trace; Tenth; Fog or Dust.

WIND FORCE (F): Calm 0; Very light; Light; Moderate; Strong; Very strong; Gale; Storm.

CLOUD FORM (C): Cirrus; Cirro stratus; Cirro cumulus; Alto cumulus; Alto-stratus; Strato-cumulus; Nimbo stratus; Cumulus.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 h. 31 m.
Sunset 18 h. 21 m.

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on FRIDAY 12th — الساعة ١٤ يوم الجمعة ١٢ / At 20h. on FRIDAY 12th — الساعة ٢٠ يوم الجمعة 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
SALUM																							130
MATRUH	02	9	20	1	2	5	8	11.5	22.6	47	0	00	8	18	2	2	0	—	9.6	22.2	36	0	131
MARIUT	02	7	26	2	2	7	2	13	24	26	0	02	7	00	0	2	7	4,5	12	20	46	0	150
ALEXANDRIA	02	8	00	0	2	6	6	12.6	23.0	38	0	02	6	00	0	2	6	6	12.8	21.0	45	0	132
DAMIETTA	02	8	10	2	1	5	5	13.0	22.4	61	0	02	7	12	2	2	7	6	12.2	18.2	75	0	159
PORT SAID	01	8	30	2	1	5	4	12.6	22.7	39	0	02	8	02	2	2	6	6	12.8	18.3	66	0	134
EL ARISH												—		—	—	—	—	—					135
DAMANHUR	01	6	28	3	1	5	5	13.9	23.2	42	0	02	6	24	2	2	6	5	12.6	17.4	65	0	136
MANSURA	01	8	14	1	1	4	6	12.0	25.2	32	0	02	6	04	2	1	5	6	13.1	19.2	72	0	137
TANTA	01	8	20	1	1	4	8	13.2	25.8	29	0	02	8	00	0	1	6	8	13.6	20.5	50	0	138
ZAGAZIG	02	6	24	2	1	6	8	14.2	24.8	50	0	02	6	16	2	1	6	8	12.4	21.0	65	0	139
SHEBIN EL KOM	01	8	30	3	1	4	8	12.4	26.3	31	0	01	7	30	2	2	4	8	—	21.2	59	0	—
ALMAZA	02	8	28	2	1	6	4,5	12.3	24.6	22	0	02	7	06	2	2	5	4	12.9	22.7	32	0	141
EZBEKIYA	02	9	28	1	1	6	5	12.8	24.8	31	0	01	7	02	1	1	5	5	13.2	21.3	48	0	—
GIZA	02	8	30	2	1	5		12.6	25.4	28	0	01	7	04	1	1	4	5	13.4	19.3	60	0	—
HELWAN	02	8	26	2	2	6	2	12.4	24.0	22	0	01	7	32	2	1	4	1	13.0	21.1	34	0	143
SUEZ	01	9	32	2	1	4	5	12.7	25.6	28	0	01	9	00	0	0	4	3	13.0	20.0	46	0	144
FAIYUM	02	8	02	2	2	6	4	13.1	25.8	37	0	02	8	00	0	2	6	4	12.7	20.8	55	0	153
MINYA	02	8	32	3	2	5	4	12.7	28.8	26	0	02	8	08	1	2	5	2	11.8	22.6	38	0	154
ASYUT	00	8	28	1	0	0	—	12.8	27.2	26	0	00	6	30	1	0	0	—	12.6	21.6	45	0	155
NAG HAMADI	00	8	00	0	0	0	—	12.0	28.2	19	0	00	8	00	0	0	0	—	12.2	23.0	38	0	154
QENA	01	9	04	2	0	3	1	10.8	31.8	16	0	01	6	26	2	1	4	1	11.0	25.0	28	0	156
LUXOR	00	7	30	2	0	0	—	11.9	31.5	19	0	00	6	28	4	0	0	—	11.6	25.4	30	0	157
ASWAN	00	9	32	3	0	0	—	11.1	30.0	11	0	00	9	00	0	0	0	—	11.0	25.0	16	0	158
SIWA	00	8	16	2	0	0	—	13.5	31.0	37	0	00		00	0	0	0	—	12.0	24.6	36		148
BAHARIYA	01	9	00	0	1	4	—	—	27.0	26	0	00		00	0	0	0	—	12.2	—	—	0	149
KHARGA	00	9	32	1	0	0	—	13.0	28.6	22	0	00	9	32	1	0	0	—	—	22.4	29	0	151
DAKHLA	00	9	02	1	0	0	—	13.1	28.1	20	0	00	7	04	1	0	0	—	13.2	22.1	30	0	152
TOR																							145
HURGHADA	00	9	04	3	0	0	—	—	24.5	70	0	00	9	28	2	0	0	—	12.8	22.8	67	0	146
QUSEIR	00	8	04	4	0	0	—	12.3	25.8	66	0	00	8	02	2	0	0	—	10.8	22.0	61	0	147
PORT SUDAN	00	7	02	4	0	0	—	8	29	66	0												208
WADI HALFA	00	8	02	3	0	0	—	11	29	11	0												165
KAREIMA	00	8	02	3	1	1	5	9	32	06	0												166
ATBARA	00	8	32	1	0	0	—	6	34	05	0												167
KHARTUM	00	8	32	2	0	0	—	7	34	09	0												209
KASSALA	00	8	24	2	1	0	—	3	38	11	0												170
WAD MEDANI	00	8	32	3	1	3	1	5	37	04	0												171
RENK	00	9	28	3	0	0	—	4	36	15	0												132
ROSEIRES	02	8	28	1	1	8	8	—	37	11	0												172
EL OBEID	01	8	02	3	1	5	2	5	37	13	0												174
EL FASHER	02	8	10	2	1	5	2	—	34	25	0												175
GENEINA	01	8	24	2	1	4	1	—	36	06	0												179
KADUGLI	02	7	—	—	—	—	—	5	38	09	0												187
MALAKAL	02	8	28	2	1	5	4	5	37	29	0												176
WAU																							177
JUBA	02	8	14	2	8	6	8	7	31	49	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.

12th

MATRUH 12 h.	MARIUT 13 h.	LUXOR 13 h.	WADI HALFA / KAREIMA 12 h. 45 m.	KHARTUM 13 h.	KASSALA 13 h.	EL OBEID 13 h.	MALAKAL / JUBA 13 h.
03 23 30	03 25 15	03 33 05	09 03 15	09 27 45	09 01 20	09 03 15	09 19 15
06 23 20	06 28 20	06 35 15	15 02 20	15 28 30	15 03 30	15 01 05	15 14 10
09 24 15	09 29 30	09 35 15	21 01 30	21 25 20	21 04 45	21 31 05	21 11 15
12 25 15	12 31 30	15 34 15	24 36 20	27 23 10	27 06 45		27 04 15
	15 31 30	21 32 15		33 15 20	33 26 10		33 03 20
	18 32 25	27 30 20					39 02 20
	21 32 20	30 30 20					
	24 31 30	39 31 25					
	27 31 35	45 29 25					

Station	Humidity 12th	Diff. from normal	Min. temp 12th	Diff. from normal
Alexandria				
Ezbekiya	56	+1	14.8	-0.5
Giza	69	+12	14.6	-0.4
Helwan	53	+11	13.0	-0.5

Grass minimum temp. 13th 6.5

Cairo 13th 21.0

13-4 810 810
12-4 810 810

GAUGE	1946 Reading	Diff. from normal	Reading	Diff. from normal
Juba	—	—	12.49	-0.80
Nasser	—	—	5.05	-0.35
Malakal	9.59	-0.49	9.59	-0.49
J. Aulia Res.	—	—	—	—
J. Aulia D.S.	—	—	—	—
Roseires	11.75	+0.40	11.69	+0.34
Sennar Res.	—	—	16.00	—
Khartum	—	—	10.52	+0.15
Kh. el Girba	—	—	—	—
Atbara	10.46	+0.48	10.44	+0.46
Kajnarti	—	—	132.66	+0.83
Aswan Res.	120.03	—	120.00	—
Aswan D.S.	84.82	-0.75	84.82	-0.76
Roda (Cairo)	15.75	+0.24	15.73	+0.22

13-4.

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.	Diff. from normal mbs.	Temp. Dry Bulb °C	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
SALUM											—		—					
MATRUH	01	9	28	2	3	4	8	11.2	-3.7	20.6	23	+1	16	+3	73	0	88	157
MARIUT	02	7	20	2	1	7	5	11	—	19	25	—	16	—	46	0	181	137
ALEXANDRIA																	165	182
DAMIETTA	02	7	20	2	1	7	6	11.9	-2.5	20.9	23	—	15	—	65	0	66	102
PORT SAID	01	7	18	2	1	5	4	12.0	-1.5	20.2	24	+1	16	0	52	0	45	74
EL ARISH																	51	88
DAMANHUR	02	6	28	3	2	5	5	11.8	-2.7	20.3	26	0	15	+3	58	0	81	96
MANSURA	02	8	16	3	2	5	6	12.2	-2.6	20.8	26	-1	13	+1	46	0	27	49
TANTA	02	8	16	2	2	5	8	12.3	-2.4	20.3	26	-2	13	+2	51	0	59	37
ZAGAZIG	02	6	16	2	2	6	8	12.8	-1.9	22.0	25	-3	14	+3	50	0	9	25
SHEBIN EL KOM	01	8	18	2	0	4	8	11.2	-3.5	20.4	29	—	15	—	47	0	19	
ALMAZA	02	7	18	3	1	7	4	12.1	-2.6	23.2	26	—	17	—	30	0	3	
EZBEKIYA	05	5	14	3	1	6	8	12.8	-1.9	21.3	26	-2	17	+4	35	dr	3	23
GIZA	09	7	14	2	1	5	8	13.1	-1.7	20.4	26	-2	14	+4	44	dr	15	23
HELWAN	01	7	00	0	1	4	4	13.1	-1.3	20.9	25	-3	16	+2	33	0	4	26
SUEZ	01	9	14	1	0	3	1	14.2	-0.2	21.9	27	-1	15	0	56	0	—	15
FAIYUM	02	8	18	2	2	6	4	13.5	-1.2	21.5	27	-2	14	+1	44	0	8	8
MINYA	00	9	16	1	0	0	—	13.0	-1.1	23.0	29	-1	15	+2	38	0	dr	
ASYUT	00	7	22	1	0	0	—	13.4	-0.5	20.6	29	-2	13	-1	44	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	13.6	+0.4	21.7	29	—	18	—	38	0	1	
QENA	00	7	22	2	0	0	—	13.6	+0.7	20.4	34	-1	13	-3	44	0	13	
LUXOR	00	7	28	2	0	0	—	13.6	+0.6	23.0	32	-3	14	-1	38	0	0	
ASWAN	02	9	32	2	1	5	6	12.6	0.0	20.5	31	-4	17	-2	27	0	dr	—
SIWA	03	7	12	3	2	8	5	12.6	-3.0	20.0	31	+2	11	-1	49	dr	1	8
BAHARIYA	01	9	00	0	1	4	8	—	—	—	28	-2	10	-2	—	0	0	7
KHARGA	00	9	04	1	0	0	—	—	—	26.0	30	-3	13	-2	37	0	1	
DAKHLA	00	8	02	1	0	0	—	14.4	+0.4	22.9	30	-3	13	-1	38	0	0	
TOR																	0	13
HURGHADA	00	9	30	2	0	0	—	13.8	+1.3	22.6	26	-2	10	-6	56	0	1	3
QUSEIR	01	8	32	1	1	3	1	11.5	-0.9	24.0	27	0	19	0	39	0	11	4
PORT SUDAN	00	9	26	1	0	0	—	11		26					45	0	17	95
WADI HALFA	00	8	02	2	1	3	1	13		21					23	0	tr	
KAREIMA	00	8	04	2	0	2	1	13		23					15	0	7	1
ATBARA	00	8	30	2	0	0	—	10		24					19	0	2	2
KHARTUM	00	8	32	3	0	0	—	10		26					16	0	3	4
KASSALA	00	8	00	0	0	0	—	9		27					28	0	31	10
WAD MEDANI	00	9	02	5	0	0	—	9		27					08	0	13	13
RENK	00	8	02	3	0	0	—	8		29					12	—	—	51
ROSEIRES	00	8	28	1	1	0	—	—		27					28	0	82	44
EL OBEID	00	9	32	3	1	0	—	10		24					44	0	44	17
EL FASHER	00	8	32	1	0	0	—	—	—	20					35	0	2	6
GENEINA	00	8	04	3	0	0	—	—	—	24	—		—		09	0	—	5
KADUGLI	01	8	20	2	1	4	1	10		28	—		—		15	—	—	95
MALAKAL	02	8	32	1	1	5	2	9		28					45	0	170	105
WAU	00	8	20	3	1	1	4	8		30					49	0	113	198
JUBA	02	8	16	3	1	6	4,5	10		25					79	0	216	231

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

13th

MATRUH 7 h. 45 m.	MARIUT 7 h.	PORT SAID 6 h. 30 m.	HELWAN 9 h.	MINYA 7 h.	ASYUT 7 h.	LUXOR 7 h.	ASWAN 7 h.	WADI HALFA 7 h. 15 m.	ABU HAMAD 7 h.	KAREIMA 7 h.	KHARTUM 6 h. 30 m.
03 28 30	03 26 35	03 22 25	02 16 10	03 07 15	02 04 05	03 30 05	02 36 15	03 03 15	09 03 35	03 03 05	09 01 40
06 27 35	06 28 55	06 25 20	05 21 25	06 24 10	05 04 05	06 10 15	05 03 30	06 04 30	15 04 30	09 03 35	15 33 05
09 27 30	09 29 75	09 28 25	08 26 30	09 29 15	10 02 05	09 03 05	10 03 30	09 03 30	21 05 15	15 02 20	21 27 30
12 29 25	12 28 60	12 29 30	10 30 35	15 29 15	15 36 15	15 36 10	15 35 05	15 36 20	27 19 10	21 36 15	24 22 45
15 29 30	15 28 55	15 29 25	15 31 55	18 32 15	20 33 15	21 01 15	20 34 10	21 34 30	33 19 05	27 34 05	27 27 55
24 30 40		18 29 30	20 31 35		25 35 20	27 35 20		27 28 10	39 32 05	33 02 10	30 28 55
30 28 35		21 31 30	23 30 30			30 34 20		33 27 20		39 01 15	
		24 30 35				39 31 30		39 26 25		45 04 20	
		27 30 35				45 29 25		45 26 30		51 03 10	

KASSALA 7 h.	PORT SUDAN 7 h.	EL OBEID 6 h. 30 m.	EL FASHER 9 h.	GENEINA 7 h.	MALAKAL 7 h.
09 36 20	03 36 25	09 35 10		09 26 35	09 32 05
15 28 10	09 02 30	15 35 20		18 21 20	15 01 10
21 26 25	15 03 20	21 35 25		21 26 10	21 02 15
27 24 55	21 27 20	27 05 15		27 26 25	27 02 20
33 23 45	27 19 35	33 05 15		33 25 20	33 02 20
		39 04 25		39 28 20	
				45 31 20	
				51 34 30	

ALMAZA 23 h. GMT on 12th

Height	Pressure		
Surface	1002	76	57
500	984	71	56
1000	966	69	54
1500	949	66	52
2000	932	66	51
3000	865	60	44
4000	803	51	41
5000	744	41	36
6000	689	34	31
7000	637	27	23
8000	589	21	18
9000	543	16	14

CYPRUS — 13th
3472x 03867 14268 11161 17003 01111.
34883 81865 08485 11141 31703 94111.

PRESENT WEATHER 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
Thunder no rain
Distant Duststorm
Squally
Slight Duststorm
Rain in last hour
Slight Thunderstorm
Heavy Thunderstorm
Duststorm
Fog or Thick Haze 40-49
Mod. fog in last hour
Fog in patches
Drizzle
Rain
Rain and Snow 68, 69
Snow
Showers
Thunderstorm
Hail

Calm
Light
Moderate
Strong
Very strong
Gale
Whole gale
Storm
Hurricane

WIND DIRECTION (DD)
08 – East, 18 – South
24 – West, 32 – North

Time of Sunrise 05 38 h. m.
Sunset 18 21

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on SATURDAY 13th (الساعة ١٤ يوم السبت ١٣) — At 20h. on 13th (الساعة ٢٠ يوم السبت ١٣)

Station	14h 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 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
Salûm																							130
Matrûh	00	9	12	2	1	0	—	12.0	20.0	74	0	01	8	08	1	0	4	8	13.6	17.2	83	0	131
Mariut	01	7	29	3	1	4	1	12	22	57	0	00	7	03	2	0	0	—	13	19	78	0	150
Alexandria	01	9	30	2	2	3	1	11.4	22.1	64	0	00	6	04	2	0	0	—	13.1	18.0	80	0	132
Damietta	01	7	20	3	1	4	6	11.0	27.1	49	0	00	7	28	1	1	0	—	12.0	17.4	96	0	159
Port Saîd	02	7	20	2	2	5	6	11.2	25.7	41	0	00	8	30	2	0	0	—	12.2	18.8	85	0	134
El Arîsh												00	7	20	1	0	0	—	—	18.2	64	0	135
Damanhûr	01	6	32	3	1	3	1	11.2	28.0	32	0	00	6	32	3	0	0	—	13.9	16.3	65	0	136
Mansûra	02	8	18	2	2	5	6	11.5	27.2	33	0	00	6	02	2	2	0	—	12.3	19.5	72	0	137
Tanta	02	8	16	2	2	7	5	11.2	28.0	33	0	00	8	00	0	0	0	—	12.6	19.5	72	0	138
Zagazig	03	6	16	2	2	8	8	10.3	25.4	45	dr.	00	6	16	2	1	3	8	12.6	21.0	65	0	139
Shebîn el Kôm	02	8	18	3	2	5	5	11.0	28.0	30	0	00	7	18	2	1	0	—	11.4	21.4	64	0	—
Cairo Almaza	03	7	22	3	2	8	4,5	11.7	26.2	37	0	00	7	28	3	1	1	1	11.9	23.0	43	dr	141
Cairo Ezbekîya	21	7	18	1	5	8	4,2,6	12.2	24.8	47	dr.	00	8	12	1	1	0	—	12.2	22.8	45	0	—
Cairo Gîza	51	6	18	2	5	8	9	12.0	24.8	53	dr.	00	7	12	2	2	1	5	12.4	20.8	59	0	—
Helwân	50	8	24	2	5	8	4,5	12.6	25.9	27	dr.	00	7	00	0	5	0	—	12.8	21.9	42	dr.	143
Suez	02	9	16	1	2	7	5	12.8	26.7	29	0	01	9	00	0	1	5	2	13.1	22.6	57	0	144
Faiyûm	03	8	30	2	2	8	5	12.6	26.4	30	0	00	8	00	0	0	0	—	12.2	20.9	64	0	153
Minya	02	8	02	2	2	8	2	11.8	30.6	21	0	00	8	32	1	1	0	—	10.7	24.3	39	0	154
Asyût	02	8	22	1	1	5	8	11.5	31.5	23	0	00	6	28	1	1	0	—	11.9	25.2	33	0	155
Nag Hamâdi	00	8	00	0	0	0	—	10.8	32.0	21	0	00	8	00	0	0	0	—	10.7	23.6	48	0	164
Qena	01	9	06	2	0	3	1	10.2	33.0	15	0	01	6	22	2	1	4	3	10.8	24.6	39	0	156
Luxor	00	7	30	2	0	0	—	10.7	33.5	19	0	00	6	28	1	0	0	—	11.1	24.5	43	0	157
Aswân	00	9	30	2	0	0	—	10.0	31.4	09	0	02	9	00	0	1	5	1	10.0	27.0	15	0	158
Sîwa	00	8	12	4	0	0	—	11.1	33.5	—	0	00		00	0	0	0	—	—	26.0	29	0	148
Baharîya	01	9	00	0	1	4	—	—	33.0	—	0												149
Khârga	01	9	32	1	1	3	3	12.4	31.0	21	0	01	9	32	1	1	3	3	12.8	28.0	19	0	151
Dâkhla	00	9	08	1	0	0	—	10.8	33.1	24	0	00	7	08	1	0	0	—	12.0	23.8	28	0	152
Tôr																							145
Hurghâda	00	9	04	1	0	0	—	12.2	26.8	48	0	00	9	28	2	0	0	—	12.6?	25.2	48	0	146
Quseir	01	8	32	2	1	4	1	11.8	28.0	39	0	01	8	32	2	1	4	1	11.5	24.8	42	0	147
Port Sûdân	01	8	02	3	1	4	4,1	9	28	66													266
Wâdi Halfa	00	8	02	3	1	3	1	10	31	09													165
Kareima	00	8	30	2	0	0	—	8	33	07													166
Atbara	00	8	22	2	0	0	—	5	36	06													167
Khartûm	00	8	26	3	0	0	—	6	35	11													168
Kassala	00	8	26	2	0	0	—	3	38	05													170
Wad Medani	00	8	30	4	0	0	—	4	43	05													171
Renk	00	9	28	3	0	0	—	2	39	13													182
Roseires	00	8	24	1	0	0	—	—	39	10													172
El Obeid	00	9	28	2	0	0	—	6	36	15													174
El Fâsher	00	9	04	2	0	0	—	—	34	09													175
Geneina	00	8	24	2	0	0	—	—	36	09													179
Kadugli	00	8	04	3	0	0	—	4	39	04													187
Malakâl	02	8	06	4	1	5		4	38	06													176
Wâu																							177
Juba	01	8	16	3	1	3	8	4	36	35													178

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

Station	Present Weather (ww)	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.	Min Today °C	Min Diff from norm.	Humidity %	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Salûm												—		—				95
Matrûh	01	9	06	2	1	4	8	15.2	+0.4	18.2	21	−1	16	+3	75	0	88	157
Mariut	02	7	07	2	0	5	6	15		19	28	—	13	—	73	0	181	137
Alexandria	01	9	08	1	2	4	4	15.4	+0.9	18.8	24	0	15	0	79	0	165	182
Damietta	02	7	04	2	1	5	6	15.2	+0.9	19.4	27	—	16	—	83	0	68	102
Port Saîd	00	8	02	2	0	0	—	14.4	+1.0	19.3	27	+4	16	0	81	0	45	74
El Arîsh	00	7	30	1	0	0	—	—	—	20.4	25	+1	15	+2	57	0	51	88
Damanhûr	01	5	16	3	1	5	5	15.0	+0.6	17.0	29	+2	14	+2	85	0	81	96
Mansûra	01	8	04	1	1	3	0	15.4	+0.7	20.0	30	+3	14	+2	72	0	27	49
Tanta	00	8	04	1	0	0	—	15.6	+0.9	19.0	31	+3	14	+3	81	0	59	37
Zagazig	02	6	32	2	1	6	8	15.2	+0.6	17.2	27	−1	14	+3	74	dr.	9	25
Shebîn el Kôm	01	8	02	2	1	4	8	14.2	−0.4	17.9	30	—	13	—	79	0	19	—
Cairo Almaza	00	7	08	3	0	0	—	14.9	+0.2	21.2	28	—	13	—	58	dr.	3	—
Cairo Ezbekîya	05	5	02	2	0	0	—	14.6	−0.1	20.0	27	−2	14	+1	72	dr.	3	23
Cairo Gîza	09	6	30	3	0	0	—	14.7	−0.1	17.4	28	0	12	+1	87	dr.	15	23
Helwân	05	5	28	1	0	0	—	14.4	+0.1	17.0	27	−1	13	−1	70	dr.	4	26
Suez	00	9	32	1	0	0	—	15.1	+0.8	20.8	28	0	15	0	65	0	—	15
Faiyûm	00	8	02	2	0	0	—	14.2	−0.4	20.0	27	−3	13	0	61	0	8	8
Minya	00	9	30	1	0	0	—	13.0	−1.0	23.4	31	+1	15	+2	42	0	dr.	—
Asyût	00	7	08	1	0	0	—	13.2	−0.6	24.0	33	+2	15	+1	39	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	13.4	+0.2	22.0	33	—	14	—	46	0	1	—
Qena	01	7	24	1	1	4	2	12.8	0.0	22.8	35	0	16	0	41	0	13	
Luxor	00	7	26	2	0	0	—	13.2	+0.3	—	36	+1	16	+1	—	0	0	
Aswân	01	9	04	1	1	4	1	12.3	−0.2	22.0	32	−3	18	−1	28	0	dr	—
Sîwa	00	7	08	4	0	0	—	—	—	31.0	34	+5	12	0	58	0	1	8
Baharîya	00	9	00	0	0	0	—	—	—	—	35	+5	—	—	—	0	0	7
Khârga	00	9	32	1	0	0	—	12.8	−0.7	25.6	34	+1	18	+3	33	0	1	—
Dâkhla	00	8	08	1	0	0	—	12.6	−1.3	23.8	35	+2	13	−1	38	0	0	—
Tôr																	0	13
Hurghâda	00	9	28	3	0	0	—			25.8	28	0	18	+2	36	0	1	3
Quseir	02	8	32	1	1	5	7	11.0	−1.4	26.0	29	+1	21	+7	30	0	11	4
Port Sûdân	02	8	28	1	2	6	2	12		26					62	0	17	95
Wâdi Halfa	01	8	32	1	1	3	1	12		23					18	0	tr	—
Kareima	00	8	06	2	0	0	—	12		24					17	0	7	1
Atbara	00	8	02	2	0	0	—	10		25					19	0	2	2
Khartûm	00	8	30	3	0	0	—	10		26					12	0	3	4
Kassala	00	8	00	0	0	0	—	9		27					17	0	31	10
Wad Medani	00	9	32	4	0	0	—	8		29					25	0	13	13
Renk	00	9	32	3	0	0	—	8		27		—		—	17	—	—	52
Roseires	00	8	30	1	0	0	—	9		23					34	0	82	45
El Obeid	00	9	32	3	0	0	—	10		25					21	0	44	17
El Fâsher	00	9	28	2	0	0	—	—	—	23					20	0	2	6
Geneina								—	—			—		—		0	—	5
Kadugli	00	8	28	3	0	0	—	9		29		—		—	12	—	—	96
Malakâl	00	8	32	3	0	0	—	9		28					12	0	170	106
Wâu																0	113	200
Juba	02	8	12	4	1	6	4,5	9		26					70	0	216	235

Upper Winds on 13th

Upper Winds are in the Code HHDDVV where HH is Height above 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 15m	Port Saîd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa 13h 15m	Kareima 13h 15m	Khartûm 13h	Kassala 13h	El Obeid 12h 45m	Malakâl 13h 30m	Juba 13h
03 04 15	03 29 35						09 02 20	09 35 15	09 34 20	09 30 10	09 34 20	09 04 10	09 20 10
06 28 10	06 30 40						15 35 15	15 33 05	15 33 30	15 02 15	15 32 05	15 07 20	15 21 15
09 24 15	09 31 65						21 02 15	21 24 10	21 31 25	21 03 20	21 30 15		21 14 10
15 28 25	12 27 50						27 32 20	27 25 05	24 30 25	27 03 15	27 28 36		27 11 15
21 17 40	15 27 55						33 34 20	33 29 15	30 28 50	33 04 15			33 07 15
30 29 45	18 28 50						36 33 30		39 26 55				39 07 15
39 30 35													

Upper Winds on 14th

Upper Winds are in the Code HHDDVV where HH is Height above 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 15m	Mariut 7h	Port Saîd	Helwân 8h 45m	Minya	Asyût 7h	Luxor 7h	Aswân 7h	Wâdi Halfa 7h	Abu Hamad 7h	Kareima 7h	Khartûm 6h 15m
03 06 25	03 06 20		02 33 05		02 06 10	03 36 20	02 04 10	09 04 40	09 04 30	09 03 45	09 01 30
06 06 30	06 05 15		05 07 10		05 02 25	06 33 30	05 04 15	15 02 —	15 05 25	15 03 60	15 02 10
			08 13 10		10 36 30	09 33 35	10 03 35	21 02 55	21 01 05	21 36 15	21 30 20
	Exf St.		10 11 05			15 34 35	15 02 20	27 35 35	27 09 05	24 03 05	24 29 25
			15 30 15			21 33 40	20 36 30	33 30 30	33 22 15	30 01 15	27 28 30
			20 32 20			27 31 30	25 36 20	39 28 40		39 36 15	30 27 30
			23 30 35			30 30 25					39 26 35
			25 33 35								
			26 33 40								

Kassala 6h 48m	Port Sûdân 7h 15m	El Obeid 7h	El Fâsher 7h	Geneina 7h	Malakâl 7h
09 20 10	09 05 15	09 03 45	09 01 25	09 30 10	09 04 45
15 18 15	15 09 20	15 02 30	15 04 40	15 29 10	15 03 35
21 36 05	21 13 15	21 34 10	21 05 15	21 29 10	21 05 20
27 06 05	27 17 10	27 31 20	33 20 15	27 32 15	27 08 10
	30 26 10	33 30 20	39 25 15	33 33 15	33 09 10
		39 30 20			39 11 10

Upper Air Temp — Almaza at 23h G.M.T. on 13th

Height feet	P P P mb	T	Td
Surface	1004	64	58
500	986	68	57
1000	968	69.5	56.5
1500	951	68	55
2000	939	68	54
4000	867	60	49
6000	804	50	43
8000	746	40	37
10000	690	32	29
12000	639	27	22
14000	590	20	17
16000	544	12.5	11

Cyprus Synoptic 8h on 14th

34700	00890	06200	15181	30310	00080
34850	01951	04101	16171	10307	00110

Notes

Times ... Egyptian Standard time, long. 30° East, are two hours ahead of Greenwich mean time.

Station	Humidity % on 13th	Diff from normal	Wet Bulb Temp on 13th	Diff from normal
Alexandria	64	−3	16.1	+0.6
Ezbekiya	36	−19	15.7	+0.3
Giza	49	−8	16.2	+1.1
Helwân	34	−7	14.3	+0.7

Giza — Grass Minimum Temp on 14th: 9.6°

Cairo — Water Temp River Nile on 14th: 20.7°

Discharges at Aswan ... per sec.

Date	1946	1945
14-4	810	810
13-4	810	810

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	14th			12.48	−0.81
Nasser				5.08	−0.38
Malakâl		9.58	−0.50	9.59	−0.49
J. Aulia Res.				374.76	
J. Aulia D.S.				371.65	+0.78
Roseires		11.78	+0.44	11.75	+0.40
Sennar Res.				15.97	
Khartum				10.50	+0.13
Kh. el Girba					
Atbara		10.45	+0.47	10.46	+0.48
Gajnarti		132.63	+0.78	132.66	+0.81
Aswan Res.		120.07		120.03	
Aswan D.S.		84.82	−0.75	84.82	−0.75
Roda (Cairo)		15.75	+0.24	15.75	+0.24

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thick Haze	05
Dust Devils	07
Distant Lightning	07
Light Mist	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	[illegible]
Rain in past hour	[illegible]
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	[illegible]
Fog or Thick Haze	[illegible]
Thick	[illegible]
Fog in patches	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Rain and Fog	[illegible]
Rain and Snow	[illegible]
Showers	[illegible]
Thunderstorm	[illegible]

VISIBILITY

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

CLOUD AMOUNT (N)

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

WIND FORCE (F)

	K.P.H.	Force
Calm		
Almost calm	2-6	
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	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, 36 = North, 00 = Calm.

CLOUD FORM (C)

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

Printed by ... 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

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

DAILY WEATHER REPORT

Time of Sunrise 05 h. 29 m. — Sunset 18 h. 22 m.

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on SUNDAY 14th (الساعة ١٤ يوم ١٤) and At 20h. on 14th (الساعة ٢٠ يوم الأحد 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	08	3	1	4	8	16.0	19.2	72	0	01	8	06	2	1	4	8	16.3	16.6	82	0	131
Mariut	00	8	02	3	0	0	—	15	22	57	0	00	7	05	3	0	0	—	16	17	77	0	150
Alexandria	00	9	04	2	0	0	—	15.4	21.0	65	0	00	6	02	4	0	0	—	16.0	18.2	69	0	132
Damietta	00	8	02	3	1	0	—	14.6	20.9	74	0	01	8	04	3	1	3	8	15.6	17.8	92	0	159
Port Sa'îd	00	7	32	4	0	0	—	14.7	22.4	72	0	10	8	02	3	0	2	8	16.0	17.4	87	0	134
El 'Arîsh	00	9	30	1	0	0	—	14.0	23.2	59	0	00	7	30	1	0	0	—	—	17.4	71	0	135
Lower Egypt																							
Damanhûr	00	6	12	2	1	0	—	13.9	27.0	35	0	00	6	12	2	0	0	—	15.8	17.8	78	0	136
Mansûra	00	8	04	1	1	0	—	14.8	27.0	36	0	00	6	04	2	0	0	—	16.3	18.0	80	0	137
Tanta	00	8	00	0	0	0	—	13.9	29.5	37	0	00	8	00	0	0	0	—	16.6	18.5	79	0	138
Zagazig	00	6	32	2	2	0	—	13.5	28.2	43	0	00	6	32	2	0	0	—	16.0	19.0	72	0	139
Shebîn el Kôm	00	8	02	2	0	0	—	13.2	29.8	38	0	00	7	02	2	0	0	—	15.6	20.6	67	0	—
Middle Egypt																							
Cairo Almaza	00	7	04	2	0	2	8	12.7	30.9	26	0	00	7	06	5	0	0	—	14.7	23.2	43	0	141
Cairo Ezbekîya	00	8	30	1	0	3	6	13.6	29.8	37	0	00	7	02	4	0	0	—	15.1	23.2	47	0	—
Cairo Gîza	00	8	30	3	0	1	8	13.0	29.1	34	0	00	7	02	3	0	0	—	15.1	22.8	41	0	—
Helwân	00	7	28	4	0	2	4	12.3	29.7	24	0	00	7	04	6	0	0	—	13.8	23.7	34	0	143
Suez	00	9	32	1	0	0	—	13.8	30.0	24	0	00	9	28	2	0	0	—	14.6	23.1	35	0	144
Upper Egypt																							
Faiyûm	00	8	32	1	0	0	—	—	30.6	28	0	00	8	02	1	0	0	—	13.5	25.2	46	0	153
Minya	01	9	30	2	1	3	8	10.3	34.7	18	0	00	8	32	2	0	0	—	11.4	26.6	39	0	154
Asyût	00	8	22	1	0	0	—	10.8	32.8	20	0	00	6	20	1	0	0	—	12.0	26.3	30	0	155
Nag Hamâdi	00	8	24	1	0	0	—	9.5	34.6	17	0	00	8	00	0	0	0	—	10.6	26.2	32	0	164
Qena	01	9	26	2	1	4	2	9.0	36.0	15	0	00	6	26	2	1	0	—	10.6	28.0	24	0	156
Luxor	00	7	30	2	0	0	—	10.4	36.0	19	0	00	6	28	1	0	0	—	10.6	28.0	33	0	157
Aswân	00	9	30	2	0	0	—	9.4	33.6	11	0												158
Western Desert																							
Sîwa	00	8	12	3	0	0	—	12.4	33.8	27	0	00		08	4	0	0	—	—	27.5	41	0	148
Baharîya	00	9	00	0	0	0	—	11.1	—	—	0	00		00	0	0	0	—	—	—	—	0	149
Khârga	00	9	04	2	0	0	—	10.7	33.5	24	0	00	9	32	1	0	0	—	12.0	29.8	27	0	151
Dâkhla	00	9	04	2	0	0	—	9.6	30.8	23	0	00	7	08	1	0	0	—	11.6	26.0	40	0	152
Red Sea																							
Tôr																							145
Hurghâda	00	9	04	3	0	0	—	—	27.6	39	0	00	9	28	2	0	0	—	11.9	26.1	44	0	146
Quseir	02	8	02	2	1	6	1	10.7	29.0	45	0	01	8	32	1	1	3	1	11.1	25.8	46	0	147
Port Sûdân	00	8	04	3	1	1	3	9	29	52													208
North Sûdân																							
Wâdi Halfa	00	8	02	3	0	0	—	9	35	06													165
Kareima	00	8	02	2	0	2	1	7	36	06													166
Atbara	00	8	06	1	0	0	—	6	36	12													167
Khartûm	00	8	30	3	0	0	—	5	37	09													209
Kassala	00	8	20	2	0	0	—	2	38	31													170
Central Sûdân																							
Wad Medani	00	8	24	4	0	0	—	3	38	04													171
Renk	00	9	28	3	0	0	—	2	40	14													182
Roseires	00	8	28	2	0	0	—	—	40	14													172
El Obeid	00	9	30	3	0	0	—	5	36	08													174
El Fâsher	00	9	32	3	0	0	—	—	37	13													175
Geneina	00	8	12	2	0	0	—	—	37	07													179
Kadugli	00	8	20	3	0	0	—	3	42	06													187
S. Sûdân																							
Malakâl	00	8	32	2	0	0	—	3	39	07													176
Wâu																							177
Juba	02	8	16	1	1	5	8	6	37	35													178

Upper Winds (14th)

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

Matrûh	Port Sa'îd	Almaza	Minya	Luxor	Hurghâda	[illegible]	[illegible]	Khartûm	Kassala	El Obeid	Malakal	Juba
12 h. 45 m.	12 h. 30 m.			13		12 h. 45 m.	13 h. 30 m.	13		10 h. 45 m.		13 h. 15 m.
03 06 24	03 04 15			03 35 05		09 02 10	09 04 15	09 34 25		09 03 20		09 16 10
06 08 28	06 06 05			06 35 15		15 02 16	15 04 15	15 33 25		15 02 30		15 11 15
09 07 30	09 31 15			09 33 30		21 01 20	21 36 30	21 33 30		21 02 30		21 10 25
12 07 30	12 31 20			15 34 30		27 30 10	27 36 30	24 34 15		27 34 15		27 10 45
15 08 30	15 31 20			21 33 15		33 35 10	33 33 25	30 28 10				33 11 35
	18 30 30			27 32 30		39 20 05	39 31 30	39 27 35				39 10 40
	21 30 30			30 35 30								
	24 01 20											
	27 28 05											

Remarks

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

Station	Humidity % on 14th	Diff. from normal	Wet bulb temp °C on 14th	Diff. from normal
Alexandria	72	+5	16.2	+0.6
Ezbekiya	56	+2	17.8	+2.3
Giza	61	+5	16.9	+1.7
Helwân	48	+7	15.5	+1.9

GIZA — Grass minimum temp on 15th: 13.4°

CAIRO — Water temp River Nile on 15th: 21.1°

Discharges at Aswan, millions of cubic m. per sec.	Date	1946	1945
	15-4	810	810
	14-4	810	810

Gauge	Date	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
	1946				
Jûba	15-4-46				
Nâsser				5.08	−0.39
Malakâl		9.57	−0.52	9.58	−0.50
J. Aulia Res				374.70	—
J. Aulia D S				371.64	+0.77
Roseires		11.76	+0.42	11.78	+0.44
Sennar Res.				15.92	—
Khartum				10.48	+0.12
Kh. el Girba					
Atbara		10.44	+0.46	10.45	+0.47
Gamarti		132.60	+0.75	132.63	+0.78
Aswan Res.		120.10	—	120.07	—
Aswan D S		84.81	−0.76	84.82	−0.75
Roda (Cairo)		15.76	+0.24	15.75	+0.24

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	Max. Diff. from norm	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												—		—				95
Matrûh	01	9	10	3	1	4	8	17.1	+2.3	18.2	20	−3	15	+2	73	0	88	157
Mariut	00	8	06	3	0	1	1	17		20	24	—	13	—	64	0	181	137
Alexandria	00	9	04	2	0	0	—	17.0	+2.6	20.0	22	−2	15	0	64	0	165	182
Damietta	00	7	02	4	1	0	—	16.8	+2.5	18.8	22	—	16	—	81	0	68	102
Port Sa'îd	01	8	02	3	1	4	4	16.8	+3.4	19.3	23	0	16	0	74	0	45	74
El 'Arîsh	00	7	30	1	0	0	—	—	—	17.4	23	−1	10	−3	62	0	51	88
Lower Egypt																		
Damanhûr	00	7	16	4	0	0	—	16.6	+2.2	17.8	28	+1	13	+1	80	0	81	96
Mansûra	01	8	04	2	1	4	8	17.0	+2.3	18.8	28	+1	14	+2	75	0	27	49
Tanta	02	8	08	3	2	5	8	16.8	+2.1	17.5	30	+2	11	0	85	0	59	37
Zagazig	02	6	32	3	2	5	8	16.0	+1.4	17.5	30	+2	13	+2	77	0	9	26
Shebîn el Kôm	01	8	02	2	1	4	8	16.2	+1.6	16.6	30	—	12	—	84	0	19	—
Middle Egypt																		
Cairo Almaza	00	7	07	4	0	3	6	16.1	+1.5	17.2	31	—	14	—	77	0	3	—
Cairo Ezbekîya	00	7	02	3	0	2	1	16.3	+1.7	18.2	31	+2	15	+1	70	0	3	23
Cairo Gîza	09	7	02	3	0	1	8	16.6	+1.9	17.7	30	+2	15	+4	70	0	15	23
Helwân	00	7	04	2	0	0	—	15.2	+1.0	19.5	31	+3	16	+2	44	0	4	26
Suez	00	9	30	2	0	0	—	16.3	+2.1	16.8	31	+3	14	−1	63	0	—	15
Upper Egypt																		
Faiyûm	00	8	30	3	0	3	1	15.1	+0.5	20.0	33	+3	14	+1	57	0	8	8
Minya	01	8	32	1	1	3	2	13.9	−0.1	22.3	35	+4	16	+3	52	0	dr.	—
Asyût	00	7	22	1	0	0	—	13.5	−0.2	24.9	34	+3	17	+2	38	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	13.4	+0.4	24.3	35	—	15	—	46	0	1	—
Qena	00	7	04	1	0	0	—	12.3	−0.4	24.6	37	+2	17	+1	31	0	13	—
Luxor												—		—			0	—
Aswân	00	9	00	0	0	0	—	12.2	−0.2	24.7	35	0	19	0	24	0	dr.	—
Western Desert																		
Sîwa	00	7	08	4	0	0	—	15.0	−0.5	21.0	35	+6	11	−1	61	0	1	8
Baharîya	00	9	00	0	0	0	—	—	—	—	—	—	—	—	—	0	0	7
Khârga	00	9	32	1	0	0	—	13.5	0.0	26.7	35	+2	19	+4	30	0	1	—
Dâkhla	00	8	08	1	0	0	—	13.2	−0.6	25.4	32	−1	17	+3	39	0	0	
Red Sea																		
Tôr																	0	13
Hurghâda	00	9	28	4	0	0	—	13.1	+0.7	26.7	29	+1	18	+2	34	0	1	3
Quseir	00	8	30	3	0	0	—	10.4	−1.9	27.5	31	+3	21	+1	26	0	11	4
Port Sûdân	00	8	00	0	0	0	—	10		28					45	0	17	95
North Sûdân																		
Wâdi Halfa	00	8	32	1	0	0	—	12		24					22	0	tr.	
Kareima	00	8	04	2	0	0	—	11		27					16	0	7	1
Atbara	00	8	02	2	0	0	—	9		27					17	0	2	2
Khartûm	00	7	22	4	0	0	—	9		28					10	0	3	4
Kassala	00	8	00	0	0	0	—	7		27					33	0	31	10
Central Sûdân																		
Wad Medani	00	8	02	5	0	0	—	7		28					08	0	13	13
Renk	00	9	32	3	0	0	—	5		32		—		—	13	—	—	52
Roseires	00	8	08	1	0	0	—	6		27					23	0	82	45
El Obeid	00	8	02	4	0	0	—	9		26					21	0	44	17
El Fâsher	00	9	00	0	0	0	—	—	—	21					28	0	2	6
Geneina	00	8	04	4	0	0	—			24		—		—	11	0	—	5
Kadugli	00	8	04	3	0	0	—	8		31		—		—	08	—	—	96
S. Sûdân																		
Malakâl	00	8	08	3	0	0	—	7		31					06	0	170	107
Wâu																0	113	202
Juba	02	8	12	1	1	6	4,5	7		28					89	0	216	239

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.	h. m.	8 h. 30 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 30 m.	7 h. m.	7 h. m.	7 h. m.
			02 04 20		02 07 —	03 02 15	02 35 15	09 04 30	09 03 40	09 03 60	09 03 —
			05 04 25		06 06 20	06 01 35	05 01 15	15 02 30	15 02 65	15 02 45	15 01 35
			08 02 30		12 04 40	09 01 50	12 36 20	21 01 35	21 02 55	21 33 25	21 33 10
			10 36 28		15 03 30	15 36 50	15 01 25	27 35 45	27 36 30	27 28 30	
			15 34 45			21 36 40	20 36 40	33 34 55	30 01 20	30 27 15	
			18 33 55			27 33 60	25 36 20				
						30 33 70					
						39 30 75					
						45 30 55					

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakâl
6 h. 30 m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.
09 02 15	09 04 25		09 03 15	09 07 35	07 02 40
15 36 25	15 04 30		15 04 45	15 07 55	15 02 40
21 34 10	21 05 15		21 05 30	21 07 50	21 02 30
27 31 10	27 18 10		27 13 20	27 05 10	27 03 20
33 27 19	33 18 15			33 36 10	33 05 15
39 25 35	39 19 15			39 32 15	39 05 15

Upper Air Temp — Almaza, at 4 00 G.M.T. on 15th

Height feet	PPP mb	TT °F	°F
Surface	1006	58	56
500	989	55	54
1000	970	58	49
1500	952	67	44
2000	935	69	46
4000	869	63	46
6000	806	54	42
8000	747	44	36
10000	692	37	26
12000	640	31	21
14000	591	22	17
16000	545	15	11

Cyprus Synoptic 8h. on 15th

34700 00990 06200 17211 20105 00080
34800 00990 04100 19190 50202 00110

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) as on Scale 01-32, e.g. 09 = East, 18 = South, 27 = West, 36 = North, 00 = Calm

Present Weather ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	[illegible]
Thin Haze	05
Dust Devils	[illegible]
Distant Lightning	[illegible]
Light Mist	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	[illegible]
Distant Duststorm	[illegible]
Squally	[illegible]
Slight Duststorm	[illegible]
Rain in last hour	20-29
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	30-[illegible]
Fog or Thick Haze	[illegible]
Mod. Fog in last hour	[illegible]
Thick	[illegible]
Fog in patches	[illegible]
Drizzle	50-5[illegible]
Rain	60-6[illegible]
Rain and Fog	[illegible]
Rain and Snow	68, 69
Snow	70-7[illegible]
Showers	80-8[illegible]
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99

Past Weather (W)

Clear, slight cloud	[illegible]
Variable sky	[illegible]
Mainly overcast	[illegible]
Sandstorm, Duststorm	[illegible]
Fog, thick dust haze	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Snow, sleet	[illegible]
Showers	[illegible]
Thunderstorm	[illegible]

Visibility (V)

Objects not visible at 50 metres	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	[illegible]

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

DAILY WEATHER REPORT

Time of Sunrise 5h 28m
Sunset 18h 22m

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on MONDAY 15th (الساعة ١٤ يوم الاثنين ١٥) and At 20h. on 15th (الساعة ٢٠ يوم 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	02	9	06	3	1	5	8	16.6	20.4	69	0	02	8	08	1	2	5	8	16.3	16.8	85	0	131
MARIUT	01	7	04	4	0	3	4	17	23	50	0	01	7	04	2	1	3	1	16	16	63	0	150
ALEXANDRIA	01	9	04	3	1	4	1	16.0	20.6	68	0	01	6	06	2	2	4	1	16.3	17.2	84	0	132
DAMIETTA	00	8	30	4	0	0	—	15.9	20.5	76	0	00	7	30	3	0	0	—	15.2	17.3	95	0	159
PORT SA'ÎD	00	8	02	4	0	0	—	15.4	22.0	58	0	00	8	02	3	0	0	—	15.0	17.7	85	0	134
EL 'ARÎSH	00	7	30	1	0	0	—	—	22.4	57	0												135
Lower Egypt																							
DAMANHÛR	01	7	12	4	1	3	1	16.0	26.0	42	0	01	6	12	3	1	3	1	16.6	17.2	78	0	136
MANSÛRA	01	8	04	2	1	3	8	16.2	26.2	37	0	00	6	02	2	1	0	—	15.6	17.2	83	0	137
TANTA	01	8	04	4	1	4	4	14.7	28	32	0	01	8	32	1	1	4	4	16.6	18.0	80	0	138
ZAGAZIG	00	6	32	2	2	0	—	14.3	27.0	27	0	00	6	32	2	0	0	—	15.2	18.4	71	0	139
SHEBÎN EL KOM	00	8	02	3	0	1	1	14.7	28.2	34	0	00	7	02	2	0	0	—	14.3	18.4	57	0	—
Middle Egypt																							
CAIRO ALMÂZA	01	8	04	4	0	3	1	13.6	28.6	14	0	01	7	03	3	0	3	1	14.7	20.8	49	0	141
CAIRO EZBEKÎYA	01	8	02	4	0	3	1	14.0	28.4	28	0	01	7	02	4	1	5	2	15.2	20.4	60	0	—
CAIRO GÎZA	00	8	02	3	0	1	5	14.0	28.2	28	0	01	7	02	3	1	5	5	15.0	20.9	55	0	—
HELWÂN	00	7	32	4	0	3	1	13.1	29.9	09	0	01	6	02	5	1	5	2	14.0	21.0	49	0	143
SUEZ	00	9	30	2	0	0	—	14.0	30.2	09	0	00	9	30	2	0	0	—	14.3	20.0	58	0	144
Upper Egypt																							
FAIYÛM	01	8	02	3	1	4	2	13.5	30.1	11	0	01		32	2	1	4	2	13.6	23.3	37	0	153
MINYA	02	8	02	3	2	5	2	11.9	32.8	23	0	00	8	30	2	1	0	—	12.3	25.3	26	0	154
ASYÛT	00	7	30	2	0	0	—	11.4	32.3	15	0	00	6	28	1	0	0	—	11.1	25.6	33	0	155
NAG' HAMÂDI	00	8	32	1	0	0	—	8.4	34.0	13	0	00	8	00	0	0	0	—	11.0	25.0	38	0	164
QENA	01	9	02	2	0	3	1	8.4	36.2	14	0	00	6	26	2	1	0	—	8.6	29.4	16	0	156
LUXOR	00	7	30	3	0	0	—	9.5	36.0	13	0	00	6	28	3	0	0	—	9.4	29.4	22	0	157
ASWÂN	00	9	32	3	0	0	—	8.7	32.0	11	0	00	9	30	3	0	0	—	9.1	25.0	16	0	158
Western Desert																							
SÎWA	00	8	12	4	0	0	—	14.4	33.0	29	0	00		00	0	0	0	—	14.4	28.0	44	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	—	—	0	00		00	0	0	0	—	—	—	—	0	149
KHÂRGA	00	9	32	1	0	0	—	11.8	34.3	21	0	00	9	32	1	0	0	—	11.8	30.5	26	0	151
DAKHLA	00	9	28	2	0	0	—	11.0	32.8	21	0	00	7	04	2	0	0	—	11.6	27.8	28	0	152
Red Sea																							
TÔR																							145
HURGHADA	00	9	02	3	0	0	—	11.3	27.8	44	0	00	9	28	5	0	0	—	10.8	25.9	48	0	146
QUSEIR	00	8	32	2	0	0	—	10.3	26.6	42	0	00	8	32	2	0	0	—	9.9	26.3	42	0	147
PORT SUDAN	00	8	04	3	0	0	—	7	29	66													169
North Sudan																							
WADI HALFA	00	8	02	4	0	0	—	8	36	09													165
KAREIMA	00	7	04	5	0	0	—	7	37	07													166
'ATBARA	00	7	32	4	0	0	—	5	37	08													167
KHARTÛM	00	8	32	2	0	0	—	5	37	07													169
KASSALA	00	8	24	2	0	0	—	2	38	15													170
Central Sudan																							
WAD MEDANI	00	8	28	4	0	0	—	2	38	11													171
RENK	00	9	28	3	0	0	—	3	41	13													182
ROSEIRES	00	8	28	1	0	0	—	3	41	14													172
EL OBEID	00	8	26	2	0	0	—	4	40	12													174
EL FASHER	00	8	04	3	0	0	—	—	36	19													175
GENEINA	00	8	04	2	0	0	—	—	37	07													179
KADUGLI	00	8	04	4	0	0	—	3	41	05													187
S. Sudan																							
MALAKAL	00	8	02	2	0	0	—	1	40	09													176
WAU																							177
JUBA	01	8	12	2	1	4	8,4	2	36	35													178

Upper Winds on 15th

Upper Winds are in the Code HHDDVV where HH is Height above 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 15m	PORT SA'ÎD 13h 15m	ALMÂZA	MINYA	LUXOR 13h	HURGHÂDA	WÂDI HALFA 13h 13m	KAREIMA 13h	KHARTÛM 13h	KASSALA 13h	EL OBEID 13h	MALAKAL 13h	JUBA 13h 15m
	03 08 20	03 03 25			03 33 30		09 02 40	09 02 35	09 36 45	09 03 35	09 03 10	09 03 10	09 17 20
	06 06 15	06 07 15			06 34 15		15 01 35	15 36 35	15 01 55	15 06 05	15 03 20	15 02 10	15 15 30
	09 05 20	09 05 20			09 34 20		21 35 30	21 36 40		21 25 05	21 03 15	21 02 15	21 14 25
	12 34 15	15 04 15			15 35 35		27 35 45	24 36 45		27 21 05	27 31 05	27 01 10	27 09 30
		21 01 15			21 35 55							33 01 10	33 07 25
		30 33 25			30 36 50							39 33 35	39 03 35
		39 30 15			45 35 45								
		48 30 10			60 35 45								
		51 33 20											

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	72	+ 5	16.2	+0.6
Ezbekiya	61	+ 7	16.1	+0.6
Giza	60	+ 4	16.0	+0.7
Helwân	42	+ 1	14.2	+0.5

GIZA — Grass minimum temp. on 16th — °

CAIRO — Water temp. River Nile at 9h on 16th 21.4

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	16-4	810	810
	15-4	810	810

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16th			12.49	-0.82
Nâsser				5.08	-0.41
Malakâl		9.57	-0.53	9.57	-0.52
J. Aulia Res.				374.64	
J. Aulia D.S				371.64	+0.77
Roseires		11.73	+0.39	11.76	+0.42
Sennar Res.		15.83		15.86	
Khartûm		10.44	+0.11	10.46	+0.11
Kh. el Girba					
Atbara		10.42	+0.44	10.44	+0.46
Kajnarti		132.58	+0.73	132.60	+0.75
Aswân Res.		120.12		120.10	
Aswân D.S		84.81	-0.76	84.81	-0.76
Roda (Cairo)		15.73	+0.22	15.75	+0.24

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.	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												—		—				95
MATRÛH	01	9	10	3	2	4	8	14.8	+0.1	17.2	22	-1	13	0	81	0	88	157
MARIUT	00	7	06	2	0	2	1	16		20	24	—	13	—	64	0	181	128
ALEXANDRIA	01	9	08	1	2	4	1	15.1	+0.7	21.2	23	-1	15	0	64	0	165	182
DAMIETTA	00	7	02	2	0	0	—	14.7	+0.4	20.2	21	—	16	—	69	0	68	102
PORT SA'ÎD	00	8	02	3	0	0	—	14.6	+1.2	20.4	23	-1	17	+1	63	0	45	75
EL 'ARÎSH																	5	89
Lower Egypt																		
DAMANHÛR	00	6	12	2	0	3	1	14.7	+0.4	20.2	27	0	13	+1	59	0	81	96
MANSÛRA	01	8	02	1	1	3	0	15.1	+0.5	20.5	27	-1	14	+2	62	0	27	50
TANTA	00	8	32	1	0	0	—	15.6	+1.0	16.7	28	0	10	-1	77	0	59	37
ZAGAZIG	00	6	04	2	0	1	8	14.8	+0.2	18.4	28	0	10	-2	80	0	9	26
SHEBÎN EL KÔM	00	8	02	1	0	0	—	14.6	0.0	18.2	29	—	9	—	85	0	19	—
Middle Egypt																		
CAIRO ALMAZA	00	7	07	3	0	3	6,1	14.3	-0.3	17.6	30	—	14	—	66	0	3	—
CAIRO EZBEKÎYA	05	6	02	3	0	1	1	14.8	+0.2	19.0	29	0	14	0	70	0	3	24
CAIRO GÎZA	09	7	02	3	1	3	8,5	14.7	+0.1	17.9	29	+1	12	+1	73	0	15	23
HELWÂN	05	6	28	1	0	3	1	13.6	-0.5	17.9	30	+1	13	-1	56	0	4	26
SUEZ	00	9	30	2	0	0	—	15.0	+0.9	19.2	31	+3	14	-1	68	0	—	15
Upper Egypt																		
FAIYÛM	01	8	32	3	1	4	2	13.9	-0.6	18.9	30	0	13	0	64	0	8	8
MINYA	00	8	32	3	1	0	—	12.7	-1.2	18.8	33	+2	13	0	62	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	12.4	-1.3	19.1	34	+3	12	-3	52	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	11.4	-1.6	20.4	35	—	15	—	50	0	1	—
QENA	00	7	26	2	0	0	—	11.4	-1.6	21.4	38	+3	14	-2	35	0	13	—
LUXOR	00	7	28	2	0	0	—	11.4	-1.3	24.2	37	+2	14	-1	28	0	0	—
ASWÂN	00	9	00	0	0	0	—	10.6	-1.7	24.7	36	0	19	0	32	0	dr.	
Western Desert																		
SÎWA	00	7	08	3	0	0	—	14.3	-1.1	21.0	34	+4	17	+5	65	0	1	8
BAHARÎYA	00	9	00	0	0	0	—	14.9	-0.1	19.0	—	—	—	—	63	0	0	7
KHÂRGA	00	9	32	1	0	0	—	12.2	-1.1	25.6	36	+3	20	+4	57	0	1	—
DÂKHLA	00	8	20	1	0	0	—	13.1	-0.7	25.2	37	+3	18	+3	34	0	0	—
Red Sea																		
TÔR	00	7	28	4	0	0	—	12.7	+0.4	22.5	27	-1	—	—	75	0	0	13
HURGHÂDA	00	9	30	5	0	0	—	11.0	-1.3	22.8	30	+1	20	+4	52	0	1	3
QUSEIR	00	8	30	5	0	0	—	9.4	-2.8	25.0	29	+1	21	+1	43	0	11	4
PORT SÛDÂN	00	9	00	0	0	0	—	9		31					49	0	17	95
North Sûdân																		
WÂDI HALFA	01	8	26	4	1	4		11		30					11	0	tr.	—
KAREIMA	00	8	06	2	0	0	—	10		26					16	0	7	1
'ATBARA	00	8	32	2	0	0	—	9		26					21	0	2	2
KHARTÛM	00	9	32	3	0	0	—	9		28					12	0	3	4
KASSALA	00	7	04	1	0	0	—	7		28					35	0	31	10
Central Sûdân																		
WAD MEDANI	00	8	02	5	0	0	—	7		29					20	0	13	13
RENK	00	9	32	3	0	0	—	7		29		—		—	17	—	—	52
ROSEIRES	00	8	28	1	0	0	—	—		26					30	0	22	46
EL OBEID	00	9	32	4	0	0	—	7		29					31	0	44	17
EL FÂSHER	00	8	32	4	0	0	—	—	—	24					30	0	2	6
GENEINA								—	—			—		—		—	—	5
KADUGLI	00	8	04	4	0	0	—	7		31		—		—	11	—	—	96
S. Sûdân																		
MALAKÂL	00	8	02	3	0	0	—	8		31					09	0	170	108
WÂU	02	8	20	1	1	8	4,5	9		27					55	0	113	204
JUBA	03	8	26	3	2	8		10		25					30	9	225	243

Upper Winds on 16th

Upper Winds are in the Code HHDDVV where HH is Height above 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 7h	PORT SA'ÎD	HELWÂN 8h 45m	MINYA	ASYÛT 7h	LUXOR 7h	ASWÂN 7h	WÂDI HALFA 7h	ABU HAMAD 7h	KAREIMA	KHARTÛM 7h
03 12 40	03 08 35		02 03 30		02 30 05	03 13 05	02 01 20	09 03 45	09 01 45		09 02 55
06 11 40	06 08 25		05 06 30		05 01 15	06 03 15	05 02 30	15 36 45	15 01 40		15 01 45
09 10 15	09 08 30		08 05 35		10 01 35	09 08 25	10 03 30	21 35 45	21 01 25		18 35 45
15 06 15	12 08 30		10 05 55			15 06 20	15 05 15		24 01 15		
21 01 05			15 05 35			21 03 25	20 03 10				
30 31 35			20 03 55			27 34 15	25 34 20				
33 32 40						33 32 15					
						39 30 20					
						45 29 20					

KASSALA 7h	PORT SÛDÂN	EL OBEID 7h 30m	EL FASHER 7h	GENEINA	MALAKAL
09 25 25		09 05 45	09 05 25		
15 29 25		15 03 45	15 05 35		
33 34 35		21 03 35	18 06 35		
39 34 55			39 07 25		
45 07 10					
51 07 20					

Upper Air Temp. Almâza at 5h G.M.T. on 16th

Height feet	PPP m.b.	TT °F	°F
Surface	1005	59	57
500	988	56	54
1000	969	64	53
1500	952	65	51
2000	934	63	49
4000	868	62	43
6000	805	57	38
8000	746	48	33
10000	691	39	28
12000	640	31	22
14000	590	28	22
16000	544	22	18

Cyprus Synoptic 8h. on 16th

34700 00990 22101 14231 18300 00090
34800 00990 24301 15190 12605 00110

Present Weather 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	44
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

Past Weather (W)

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

Visibility (V)

Objects not visible at	
50 metres	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 = Calm

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ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 27
Sunset 18 22

Month **APRIL** 1946

DAILY WEATHER REPORT

شهر أبريل ١٩٤٦

At 8h on TUESDAY 16th — الساعة ٨ يوم الثلاثاء ١٦ / At 20h on TUESDAY 16th — الساعة ٢٠ يوم الثلاثاء ١٦

Station	8h Present Weather ww	8h Visibility V	8h Wind Dir. dd	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Press M.S.L. 1000+ mbs. ppp	8h °C Temp TTT	8h % 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	8	12	1	1	0	—	12.0	18.0	75	0	131
Mariut	01	9	06	3	1	4	8	13.1	21.6	62	0	00	7	06	2	0	0	—	14	18	68	0	150
Alexandria	00	9	04	3	0	0	—	13.0	22.6	62	0	00	6	04	2	0	0	—	13.6	19.2	58	0	132
Damietta	00	8	06	3	0	0	—	13.6	23.2	44	0	00	7	30	2	0	0	—	13.5	18.0	88	0	159
Port Saîd	00	8	02	3	0	0	—	13.5	22.2	57	0	00	8	02	2	0	0	—	13.3	18.3	82	0	134
El 'Arîsh												00	7	20	1	0	0	—		17.2	71	0	135
Lower Egypt																							
Damanhûr	00	6	12	4	0	0	—	12.8	29.0	29	0	00	7	12	3	0	0	—	13.5	19.2	71	0	136
Mansûra	00	8	08	1	1	0	—	13.4	27.3	29	0	00	6	04	2	0	0	—	14.2	19.6	61	0	137
Tanta	00	8	04	3	0	0	—	13.2	28.8	24	0	00	5	04	1	0	0	—	14.3	20.3	54	0	138
Zagazig	00	6	28	2	0	0	—	12.2	26.9	29	0	00	6	02	2	0	0	—	13.6	19.6	53	0	139
Shebîn el Kôm	00	8	02	2	0	0	—	12.3	29.2	29	0	00	7	02	2	0	0	—	12.4	20.4	43	0	—
Middle Egypt																							
Cairo: Almaza	01	8	06	2	1	3	1	11.9	29.4	17	0	00	7	04	3	0	0	—	12.3	23.2	31	0	141
Cairo: Ezbekiya	00	8	02	3	0	3	1	12.7	29.7	25	0	00	6	02	4	0	0	—	12.8	22.2	44	0	—
Cairo: Gîza	00	8	06	2	1	2	5	12.2	29.4	18	0	00	7	02	3	0	0	—	12.4	22.9	35	0	—
Helwân	00	8	04	3	0	2	4	11.8	30.0	12	0	00	7	04	0	0	0	—	12.0	24.0	21	0	143
Suez	00	9	30	2	0	0	—	12.0	29.0	24	0	00	9	30	2	0	0	—	12.8	22.3	37	0	144
Upper Egypt																							
Faiyûm	01	8	30	3	1	4	2	11.1	30.0	21	0	00	8	02	2	0	0	—	11.6	23.4	39	0	153
Minya	00	9	32	3	1	2	8	10.6	31.0	14	0	00	9	32	1	1	0	—	10.7	24.9	31	0	154
Asyût	00	7	28	2	0	0	—	7.8	32.0	15	0	00	6	20	1	0	0	—	10.0	23.9	32	0	155
Nag Hamâdi	00	8	00	0	0	0	—	8.4	33.4	19	0	00	8	00	0	0	0	—	9.0	24.4	38	0	164
Qena	00	9	26	2	0	0	—	8.8	36.7	15	0	00	6	22	2	0	0	—	9.0	25.3	34	0	156
Luxor	00	7	30	2	0	0	—	7.9	37.5	17	0	00	6	28	1	0	0	—	8.6	26.4	34	0	157
Aswân	00	9	26	1	0	0	—	7.4	34.6	08	0	00	9	32	1	0	0	—	7.8	31.0	04	0	158
Western Desert																							
Sîwa	02	8	12	4	1	5	2	12.8	33.8	40	0	00		00	0	0	0	—	10.1	29.0	40	0	148
Baharîya	00	9	00	0	0	0	—	13.6	29.0	40	0												149
Khârga	00	9	32	1	0	0	—	10.6?	33.6	33	0	00	9	32	1	0	0	—	12.0	27.6	43	0	151
Dâkhla	00	7	28	3	0	0	—	—	33.6	18	0	00	7	32	1	0	0	—	—	29.2	24	0	152
Red Sea																							
Tôr	00	7	28	4	0	0	—	10.3	24.9	70	0	00	7	28	3	0	0	—	9.9	23.2	75	0	145
Hurghâda	00	9	02	3	0	0	—	11.8	26.3	58	0	00	9	28	2	0	0	—	9.7	25.1	60	0	146
Quseir	00	8	32	2	0	0	—	9.6	27.2	52	0	00	8	32	2	0	0	—	8.6	24.6	43	0	147
Port Sûdân	00	8	06	3	0	0	—	7	30	70													208
North Sûdân																							
Wâdi Halfa	00	8	30	4	0	0	—	7	37	07	0												165
Kareima	00	8	02	4	0	0	—	7	36	08	0												166
Atbara	00	7	32	4	0	0	—	4	36	09	0												167
Khartûm	00	8	30	4	0	0	—	5	36	08	0												209
Kassala	00	8	30	2	0	0	—	1	43	07	0												170
Central Sûdân																							
Wad Medani	00	8	32	4	4	0	—	1	38	06	0												171
Renk	01	8	28	2	1	4		1	39	13	0												182
Roseires	00	8	08	1	0	0	—	1	39	13	0												172
El Obeid	00	7	30	3	0	0	—	2	37	17	0												174
El Fâsher	00	8	04	2	0	3	1	—	36	19	0												175
Geneina	00	8	32	2	0	3	2	—	37	05	0												179
Kadugli	00	8	20	3	0	0	—	3	40	12	0												187
S. Sûdân																							
Malakâl	01	8	30	2	1	3	1	3	39	18	0												176
Wâu	02	8	20	2	1	8	4,5	5	32	36	0												177
Juba	02	8	14	2	1	6	4,1	7	31	49	0												178

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	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											—		—					
Matrûh	02	9	14	3	0	7	8	9.1	−5.6	20.1	26	+3	16	+3	40	0	88	157
Mariut	03	7	11	4	2	8	4,5	12	—	18	26	—	12	—	83	0	181	138
Alexandria	03	9	14	3	2	8	5	12.7	−1.7	17.7	24	0	15	0	81	0	165	182
Damietta	01	7	12	3	1	4	4,5	12.2	−2.1	21.1	24	—	16	—	65	0	68	102
Port Saîd	01	8	10	2	1	4	5	12.2	−1.1	21.0	24	0	17	+1	59	0	45	75
El 'Arîsh	02	7	30	1	1	6	4								70	0	51	89
Lower Egypt																		
Damanhûr	03	5	08	4	2	8	5	11.5	−2.7	10.2	30	+3	13	+1	84	0	81	96
Mansûra	02	7	04	3	2	5	0	12.0	−2.6	20.2	30	+2	13	+1	71	0	27	50
Tanta	03	7	08	2	2	8	6	11.5	−3.1	17.5	27	+1	13	+1	83	0	59	37
Zagazig	02	6	04	3	2	5	8	11.8	−2.7	19.9	28	−1	15	+3	65	0	9	26
Shebîn el Kôm	02	8	02	2	2	6	0	11.4	−3.2	18.2	29	—	13	—	79	0	19	—
Middle Egypt																		
Cairo: Almaza	02	7	06	2	1	5	4	10.8	−3.7	24.4	31	—	12	—	22	0	3	—
Cairo: Ezbekîya	05	5	04	2	0	1	1	11.1	−3.4	23.9	31	+2	15	+1	33	0	3	24
Cairo: Gîza	09	6	30	2	1	5	5	11.1	−3.5	20.4	30	+2	13	+2	60	0	15	23
Helwân	05	6	00	0	1	5	1	10.6	−3.5	21.1	31	+2	16	+2	28	0	4	26
Suez	01	9	00	0	1	5	2	12.3	−1.8	21.2	31	+3	16	+1	43	0	—	15
Upper Egypt																		
Faiyûm	00	8	30	1	0	0	—	10.6	−3.8	21.2	32	+2	15	+2	44	0	8	8
Minya	00	9	16	1	0	0	—	11.0	−2.8	22.6	33	+2	15	+1	40	0	tr	—
Asyût	00	7	22	1	0	0	—	11.8	−1.8	20.8	34	+3	15	0	46	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	11.4	−1.5	22.2	35	—	13	—	43	0	1	—
Qena	00	7	24	1	0	0	—	11.0	−1.5	22.6	38	+2	15	−1	36	0	13	—
Luxor	00	7	28	2	0	0	—	11.4	−1.2	25.0	38	+3	15	+1	28	0	0	—
Aswân	00	9	32	1	0	0	—	10.6	−1.7	23.3	36	0	19	0	17	0	tr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	10.4	−5.0	25.0	36	+6	13	+1	54	0	1	8
Baharîya	00	9	00	0	0	0	—	10.1	−4.8	19.0	30	−1	11	−2	54	0	0	7
Khârga	00	9	32	1	0	0	—	11.4	−1.8	23.8	35	+1	16	0	31	0	1	—
Dâkhla	00	8	12	1	0	0	—	12.3	−1.4	25.8	35	+1	17	+2	26	0	0	—
Red Sea																		
Tôr	00	7	28	4	0	0	—	10.8	−1.4	22.8	25	−3	15	−2	64	0	0	13
Hurghâda	00	9	30	3	0	0	—	12.4	+0.1	23.7	28	−1	16	0	50	0	1	3
Quseir	01	8	30	1	1	4	1	10.3	−1.8	26.3	31	+3	21	+1	39	0	4	4
Port Sûdân	00	8	32	1	0	0	—	11		28					62	0	17	95
North Sûdân																		
Wâdi Halfa	00	9	04	1	0	1	2	11		24					15	0	tr	—
Kareima	00	8	06	1	0	0	—	10		26					11	0	7	1
Atbara	00	8	04	1	0	0	—	9		27					17	0	2	3
Khartûm	00	8	32	3	0	0	—	9		29					11	0	3	4
Kassala	00	8	32	1	0	0	—	7		28					19	0	31	10
Central Sûdân																		
Wad Medani	00	9	02	2	0	0	—	8		28					18	0	13	13
Renk	00	8	28	3	0	0	—	5		31	—		—		16	—	—	53
Roseires	00	8	04	1	0	0	—	—		27					28	0	82	46
El Obeid	00	9	02	4	0	0	—	9		27					23	0	44	17
El Fâsher	02	8	30	2	1	6	2	—	—	26					27	0	2	6
Geneina	01	8	04	3	1	5	1	—	—	25	—		—		11	0	—	6
Kadugli	01	8	28	2	0	4	1	9		27	—		—		17	—	—	47
S. Sûdân																		
Malakâl	01	8	26	2	0	3	1	—		31					43	0	170	109
Wâu	01	8	20	3	1	5	2	9		26					62	0	113	206
Juba	02	8	16	2	1	7	4,5	10		27					70	0	225	247

Upper Winds on 16th

Upper Winds are in the Code HHDDVV where HH is Height above 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	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13 h. 30 m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	13 h. 15 m.	12 h. 45 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.
03 12 15					03 09 05		09 34 15	09 02 15	09 35 45	09 29 30	04 01 20	09 33 05	09 19 15
06 14 25					06 36 05		15 36 30	15 01 20	15 36 30	15 01 10	15 03 30	15 36 25	15 24 05
09 15 25					09 03 05		21 35 40	21 01 25	21 01 60	21 26 15	21 04 35	21 36 10	21 05 20
15 17 15					15 06 15		27 01 30	27 36 15	24 03 40	27 24 20	24 07 20	27 07 25	27 06 30
21 24 05					21 02 20		33 36 30	33 35 25	27 02 44	33 26 15		33 04 15	33 06 20
30 28 20					30 36 25		39 35 45	39 32 25				39 36 05	39 03 30
					45 33 50								
					60 35 45								
					69 32 55								

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 Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. m.	h. m.	7 h. m.	9 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	6 h. 45 m.
03 15 50		03 13 20	02 31 5		02 13 05	03 05 15	02 01 25	09 06 40	09 08 40	09 02 50	09 02 45
06 19 55		06 08 20	05 09 25		05 10 05	06 06 20	05 11 10	15 02 20	15 04 35	15 01 25	15 02 35
09 21 44		09 07 15	08 14 10		10 02 30	09 07 20	10 07 15	21 03 20	21 03 30	21 02 30	21 02 30
12 23 50		15 04 15	10 12 2			15 36 15	15 07 20	27 01 35	27 01 20	27 01 35	24 02 35
15 25 60		21 01 25	15 20 5			21 35 20	20 02 10	33 01 50	33 34 20	33 01 20	
18 25 50			20 24 20			27 01 50	25 35 20	39 01 40	39 01 15	39 01 35	
21 24 50			23 24 25			30 01 40	39 02 35				
			25 25 30			45 35 45	35 02 40				
			30 29 25								

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 45 m.	7 h. 15 m.	6 h. 45 m.	h. m.	7 h. m.	7 h. m.
09 02 10	09 20 20	09 04 55		09 08 30	09 28 30
15 36 20	15 03 35	15 03 55		15 11 40	15 29 25
21 32 10	21 03 30	21 03 40		21 13 25	
27 29 15	27 04 45	27 01 35		27 13 20	
		33 36 20		33 03 25	
		39 26 15		39 05 35	

Upper Air Temp.

Almaza at 23 G.M.T. on 16th

Height feet	P.P.P. mb.	T.T. °F	°F
Surface	1003	65	58
500	984	65	53
1000	966	67	51
1500	949	67	46
2000	932	70	45
4000	865	66	47
6000	803	58	42
8000	744	53	42
10000	689	44	35
12000	637	34	29
14000	589	24	22
16000	543	18	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 16th	Diff. from normal	Wet bulb temp. °C on 16th	Diff. from normal
Alexandria	56	−11	16.3	+0.6
Ezbekiya	53	−1	16.3	+0.7
Giza	51	−5	15.3	−0.1
Helwân	34	−7	13.9	+0.1

Giza — Grass minimum temp. 17th 10.4°

Cairo — Water temp. River Nile at 9h. 17th 21.3

Discharges of the Nile		1946	1945
	17-4	868	810
	16-4	810	810

Gauges

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17-4	—	—	12.50	−0.82
Nâsser		—	—	5.08	−0.40
Malakâl		9.57	−0.53	9.57	−0.53
J. Aulia Res.		—	—	—	—
J. Aulia D.S.		—	—	—	—
Roseires		11.69	+0.35	11.73	+0.39
Sennar Res.		—	—	15.83	—
Khartûm		—	—	10.44	+0.11
Kh. el Girba		—	—	—	—
Atbara		10.41	+0.43	10.42	+0.44
Kajnarti		132.57	+0.71	132.58	+0.73
Aswân Res.		120.13	—	120.12	—
Aswân D.S.		84.91	−0.67	84.81	−0.76
Roda (Cairo)		15.73	+0.23	15.73	+0.22

Cyprus synoptic 8h. on 17th

34702 03898 20128 11181 30103 00140.

34807 02998 24128 11190 0X801 00150.

Present Weather (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	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

Wind Force (F)

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

Wind Direction (DD)

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

Annual Subscription P.T. 150

Time of Sunrise 05 h. 26 m.
Sunset 18 23

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

1417 F.G.

At 14h. and 20h. on WEDNESDAY 17th (الساعة ١٤ و ٢٠ يوم الأربعاء ١٧)

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	6	28	3	3	5	8	8.2	23.0	52	0	02	8	28	5	2	6	8	9.6	18.0	90	0	131
Mariut	02	7	13	3	2	7	6	9			0	01	7	27	4	2	4	2	9	21	50	0	150
Alexandria	02	8	12	2	2	7	5	8.4	26.2	36	0	02	6	30	4	2	5	4	8.8	18.8	73	0	132
Damietta	01	7	08	3	1	5	4	9.1	24.9	60	0	01	7	08	2	1	4	4	7.5	21.0	82	0	159
Port Sa'îd	01	8	10	4	1	4	4	9.1	22.8	62	0	01	8	06	3	1	4	6	7.0	21.0	75	0	134
El 'Arîsh												00	7	30	1	0	0	—			69	0	135
Lower Egypt																							
Damanhûr	01	5	20	3	1	5	8	7.8	30.8	23	0	02	5	24	4	2	5	5	7.2	23.0	44	0	136
Mansûra	01	8	12	3	1	4	6	8.7	30.0	25	0	01	6	08	2	1	4	6	6.8	24.6	46	0	137
Tanta	02?	7	34	4	2	8	7	7.2	28.4	26	0	01	7	08	2	1	4	4	7.5	22.2	46	0	138
Zagazig	02	6	04	3	2	5	8	8.4	28.4	24	0	00	6	04	2	0	0	—	6.8	25.6	41	dr.	139
Shebîn el Kôm	03	8	10	3	2	8	0	7.4	26.9	37	0	01	7	10	2	1	4	6	6.4	25.3	43	0	—
Middle Egypt																							
Cairo Almaza	03	7	12	2	6	8	6,4	7.5	27.2	30	dr.	02	7	20	2	2	6	4,1	6.7	29.0	17	0	141
Cairo Ezbekîya	05	7	00	0	2	8	5	8.8	28.7	32	dr.	02	7	18	2	1	6	2	7.2	26.0	34	0	—
Cairo Gîza	13	6	30	1	2	5	5	8.8	29.9	31	0	01	6	18	1	1	4	5	6.8	25.9	38	0	—
Helwân	02	7	00	0	2	8	4	8.7	33.0	09	0	03	7	22	1	2	8	4	7.4	28.0	20	0	143
Suez	03	9	30	1	2	8	5	10.8	30.0	21	0	02	9	00	0	2	6	2	7.9	26.8	35	0	144
Upper Egypt																							
Faiyûm	02	8	32	3	2	7	5	9.5	31.0	29	0	02	8	00	0	2	7	5	7.6	27.7	40	0	153
Minya	01	8	24	1	1	5	2	8.3	36.2	14	0	01	8	00	0	1	4	5	8.2	30.0	20	0	154
Asyût	00	8	12	1	0	0	—	8.0	36.0	15	0	00	6	20	1	0	0	—	8.4	26.1	42	0	155
Nag' Hamâdi	00	8	08	1	0	0	—	7.4	36.1	16	0	00	8	00	0	0	0	—	7.6	24.4	42	0	164
Qena	00	9	14	2	0	0	—	7.1	37.6		0	00	6	24	1	0	0	—	7.6	27.3	36	0	156
Luxor	00	7	26	2	0	0	—	7.6	38.5	14	0	00	6	28	1	0	0	—	7.3	27.0	37	0	157
Aswân	00	9	00	0	0	0	—	6.8	37.8	08	0	00	9	00	0	0	0	—	7.5	31.0	17	0	158
Western Desert																							
Sîwa	02	8	28	5	1	5	3	9.2	35.4	40	0	03	7	24	2	2	8	4	10.2	30.0	47	0	148
Bahariya	00	9	00	0	0	0	—	4.2	31.0	48	0	00	—	00	0	0	0	—	8.6			0	149
Khârga	00	9	32	1	0	0	—	7.0	37.0	16	0	00	9	32	1	0	0	—	—	30.2	29	0	151
Dâkhla	00	9	12	3	0	0	—	7.8	39.2	14	0	00	7	28	2	0	0	—	9.9	29.2	18	0	152
Red Sea																							
Tôr	00	7	28	3	0	0	—	9.8			0												145
Hurghâda	00	9	12	1	0	0	—	11.2	29.5	57	0	00	9	04	2	0	0	—	11.2	27.0	64	0	146
Quseir	00	8	32	2	1	0	—	10.3	28.2	41	0	00	8	04	2	0	0	—	9.4	26.7	39	0	147
Port Sûdân	00	8	08	1	0	0	—	8	31	59	0												208
North Sûdân																							
Wâdi Halfa	00	8	06	3	0	1	1	6	38	03	0												165
Kareima	00	8	06	2	0	0	—	5	37	07	0												166
'Atbara	00	8	04	1	0	0	—	5	37	13	0												167
Khartûm											0												209
Kassala	00	8	02	1	0	0	—	1	28	11	0												170
Central Sûdân																							
Wad Medani	00	8	32	2	0	0	—	2	38	11	0												171
Renk	00	9	18	3	0	0	—	0	40	11	—												182
Roseires	00	8	26	1	0	0	—	—	39	16	0												172
El Obeid	00	9	32	1	0	0	—	3	37	17	0												174
El Fâsher	01	9	02	2	1	4	2	—	36	12	0												175
Geneina	01	8	24	2	1	5	2	—	37	08	—												179
Kadugli	02	8	28	3	1	5	1	3	39	04	—												187
S. Sûdân																							
Malakâl	00	8	30	1	0	3	1	3	39	13	0												176
Wâu	02	8	24	2	1	8	2	3	36	25	0												177
Juba	02	8	23	2	1	6	8,1	5	34	41	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 17th

Matrûh 13h	Mariut	Port Sa'îd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa 13h	Kareima 12h 45m	Khartûm 13h 30m	Kassala	El Obeid 13h	Malakal	Juba
03 31 40							09 10 20	09 08 20	09 08 10		09 35 10		
06 31 45							15 09 20	15 09 15	15 26 20		15 34 10		
09 31 50							21 08 20	21 06 20	21 01 30		21 18 20		
15 33 20							27 05 45	27 04 30	24 35 30				
21 31 30							33 03 45	33 03 40					
30 34 45													

Remarks: Times are in Egyptian standard time long. 30 E. and are ... Greenwich mean time.

Station	Mean of day Humidity % on 17th	Diff from normal	Wet bulb temp on 17th	Diff from normal
Alexandria	75	+8	16.3	+0.6
Ezbekiya	30	-24	18.3	+2.6
Gîza	46	-10	17.4	+1.9
Helwân	20	-21	14.7	+0.9

Gîza — Grass minimum temp on 18th

Cairo — Water temp River Nile on 18th 21.8°

Discharges: 18th 868 810; 17th 868 810

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal
Jûba	18th	12.52	-0.82	12.51	-0.82
Nasser		5.06	-0.40	5.06	-0.41
Malakâl		9.59	-0.51	9.57	-0.53
J. Aulia Res.		374.41	—	374.44	—
J. Aulia D.S.		371.65	+0.79	371.65	+0.79
Roseires		11.67	+0.34	11.69	+0.35
Sennar Res.		15.82	—	15.83	—
Khartum		10.40	+0.16	10.42	+0.13
Kh. el Girba					
Atbara		10.40	+0.42	10.41	+0.43
Hajnarti		132.56	+0.70	132.57	+0.71
Aswan Res.		120.15	—	120.13	—
Aswan D.S.		84.91	-0.67	84.91	-0.67
Roda (Cairo)		15.73	+0.23	15.73	+0.23

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

At 8h. on THURSDAY 18th (الساعة ٨ يوم الخميس ١٨)

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
Mediterranean																		
Salûm												—		—				95
Matrûh	01	9	30	3	2	4	8	12.0	-2.7	17.5	34	+11	17	+4	35	0	88	157
Mariut	01	7	29	3	1	4	6	10	—	19	31	—	17	—	73	0	181	133
Alexandria	02	8	26	3	2	5	2	10.7	-3.7	18.6	30	+6	16	+1	77	0	165	182
Damietta	02	7	24	4	1	6	6	9.2	-5.0	18.9	26	—	15	—	87	0	68	102
Port Sa'îd	02	8	22	4	2	7	4	9.2	-4.1	19.6	24	0	12	+2	80	0	45	75
El 'Arîsh	00	7	30	1	0	0	—	—	—	17.4	22	-2			67	0	51	89
Lower Egypt																		
Damanhûr	01	6	32	3	1	5	5	9.9	-4.3	20.0	31	+4	15	+2	76	0	81	96
Mansûra	01	8	20	3	1	4	0	10.2	-4.3	19.4	33	+5	14	+1	75	0	27	50
Tanta	02	7	28	2	2	7	5	11.0	-3.6	19.2	31	+2	13	+1	79	0	59	38
Zagazig	02	6	28	2	2	5	8	10.3	-4.2	17.9	32	+3	15	+3	85	dr.	9	26
Shebîn el Kôm	01	8	24	2	2	5	6	9.8	-4.7	18.4	29	—	16	—	71	0	19	—
Middle Egypt																		
Cairo Almaza	05	6	28	2	2	7	4,5	10.3	-4.1	19.6	29	—	17	—		dr.	3	—
Cairo Ezbekîya	05	6	28	2	2	8	5	10.8	-3.6	20.0	33	+4	19	+5	72	dr.	3	24
Cairo Gîza	09	7	30	3	1	5	5	11.0	-3.5	20.3	33	+4	16	+5	71	0	15	23
Helwân	05	6	00	0	2	8	2	11.0	-3.0	19.9	34	+5	19	+5	61	0	4	26
Suez	02	9	00	0	2	6	2	10.8	-3.2	24.6	32	+3	20	+5	32	0	—	15
Upper Egypt																		
Faiyûm	03	8	32	2	2	8	5	10.8	-3.5	20.4	34	+4	19	+6	55	0	8	8
Minya	02	7	32	2	2	5	6	9.5	-4.1	24.5	36	+5	21	+7	38	0	dr.	—
Asyût	01	7	22	1	1	4	4	9.2	-4.3	27.1	37	+5	18	+3	29	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	9.8	-3.0	25.3	37	—	15	—	37	0	1	—
Qena	01	7	08	1	0	3	1	9.4	-3.0	26.4	39	+3	17	+1	22	0	13	—
Luxor	00	7	28	1	0	0	—	9.6	-3.0	26.8	40	+4	19	+3	31	0	0	—
Aswân	00	9	00	0	0	0	—	9.4	-2.8	27.4	39	+3	21	+1	35	0	dr.	—
Western Desert																		
Sîwa	02	9	28	2	1	6	5	13.8	-1.5	19.4	37	+7	18	+6	83	0	1	8
Baharîya	00	9	00	0	0	0	—	—	—	22.0	33	+2			50	0	0	7
Khârga	00	9	00	0	0	0	—	10.6	-2.5	27.0	39	+5	19	+3	34	0	1	—
Dâkhla	00	8	04	1	0	0	—	10.8	-2.9	25.1	39	+5	18	+3	24	0	0	—
Red Sea																		
Tôr																	0	13
Hurghâda	00	9	12	1	0	0	—	9.8	-2.4	25.6	30	+1	16	-1	79	0	1	3
Quseir	00	8	10	2	0	0	—	8.8	-3.3	24.7	30	+2	19	-1	49	0	11	4
Port Sûdân	00	8	00	0	0	2	2	11		28					70	0	17	96
North Sûdân																		
Wâdi Halfa	00	8	32	1	0	1	1	9		24					24	0	tr.	—
Kareima	00	8	06	2	4	1	1	9		27					20	0	7	1
'Atbara	01	8	32	1	0	4	1	9		26					23	0	2	3
Khartûm	00	8	32	2	0	0	—	8		28					13	0	3	4
Kassala	00	8	00	0	0	0	—	6		29					20	0	31	10
Central Sûdân																		
Wad Medani	00	8	06	3	0	0	—	7		27					17	0	13	13
Renk	00	9	04	3	0	0	—	—		31		—		—	16	—	—	53
Roseires	00	9	06	3	0	0	—	7		27					17	0	82	47
El Obeid	01	8	30	2	1	4	2	7		28					27	0	44	18
El Fâsher	01	9	28	1	1	4	1	—	—	24					22	0	2	6
Geneina	00	8	04	2	0	3	4,1	—	—	25		—		—	15	—	—	6
Kadugli	00	8	04	2	0	2	—	7		28		—		—	15	—	—	97
S. Sûdân																		
Malakâl	01	8	32	1	0	4	4,1	7		33					16	0	170	110
Wâu	01	8	20	3	1	4	1	7		29					49	0	113	208
Juba	01	8	16	4	1	5	4,5	9		27					70	0	225	251

Upper Winds are in the Code HHDDVV where HH is Height 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 7h	Mariut 7h	Port Sa'îd	Helwân 9h	Minya	Asyût 7h	Luxor 7h	Aswân	Wâdi Halfa 7h 15m	Abu Hamad 7h	Kareima 7h 15m	Khartûm 6h 45m
03 34 20	03 31 40		02 31 10		02 12 15	03 17 05		09 08 20	09 01 25	09 18 35	09 06 40
06 34 25	06 31 45		05 32 15		05 14 02	06 18 20		15 07 20	15 01 30	15 03 30	12 18 50
09 34 30	09 29 50		08 31 30		10 29 05	09 19 10		21 09 30	21 01 40	21 03 20	15 14 15
15 31 40	12 28 55		10 28 40		15 26 15	15 26 15		27 04 30	24 36 30	24 03 10	24 20 10
21 28 60			15 27 40		20 25 20	21 27 15		33 02 35		33 05 25	30 17 20
24 29 55			20 25 65		25 24 30	30 29 20		39 01 40		39 03 35	36 18 20
			23 25 65			45 33 30					
						48 33 35					

Kassala 6h 45m	Port Sûdân 7h	El Obeid 7h	El Fâsher	Geneina 7h	Malakal 7h 15m
09 06 20	09 07 35	09 08 40		09 08 30	09 35 05
15 03 30	15 07 30	15 04 35		15 09 40	15 02 25
21 01 30	21 12 10	21 04 15		21 11 30	21 31 05
27 34 20	27 17 15	27 27 10		27 09 20	27 26 10
33 30 10	30 21 15	33 24 25		33 15 05	
39 29 10		39 24 20		39 05 15	

Upper air temp Almâza at 23h. G.M.T. on 17th

Height feet	PPP mb	TT °F	
Surface	1000	68	58
500	982	60	56
1000	964	67	52
1500	947	74	48
2000	930	74	47
4000	864	67	4?
6000	801	61	41
8000	743	50	34
10000	688	40	33
12000	639	31	31
14000	588	23	21
16000	542	15	12

Cyprus synoptic 8h. on 18th
34700 00990 10200 06211 10305 00100
34813 xxxxx 12223 07210 40802 00130

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PRESENT WEATHER (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
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	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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. m. 05 25
Sunset h. m. 18 24

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر ابريل ١٩٤٦

At 14h. on THURSDAY 18th (الساعة ١٤ يوم ١٨) and 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	01	9	28	3	1	4	8	12.6	19.0	81	0	06	8	28	3	1	4	8	13.9	17.0	80	0	131
MARIUT	02	7	28	4	1	5	6,1	11	20	64	0	01	7	29	3	2	4	6,4,5	13	17	68	0	150
ALEXANDRIA	02	9	30	4	2	5	4,5	11.8	20.6	61	0	01	6	30	3	2	4	8	12.4	16.6	77	0	132
DAMIETTA	02	7	26	5	1	5	6,4,3	9.4	20.5	82	0	02	7	28	3	1	6	6,4,5	10.7	18.0	85	0	159
PORT SA'ÎD	14	7	28	5	3	4	2	9.4	23.0	60	0	14	6	28	5	3	4	4	10.8	18.1	76	0	134
EL 'ARÎSH	00	7	30	1	0	0	—	—	21.2	57	0												135
LOWER EGYPT																							
DAMANHÛR	01	6	04	4	1	5	1	10.7	21.4	61	0	01	6	32	3	1	4	8	9.2	16.4	81	0	136
MANSÛRA	01	8	28	2	1	4	6	9.8	24.4	46	0	00	6	02	2	1	0	—	11.6	17.8	72	0	137
TANTA	01	8	28	4	1	4	4	10.2	25.2	50	0	03	7	28	1	2	8	6	13.2	16.0	84	0	138
ZAGAZIG	01	6	24	3	2	4	8	10.9	26.5	45	0	00	6	24	3	2	0	—	13.5	16.5	76	0	139
SHEBÎN EL KÔM	01	8	30	3	1	3	3	9.4	27.7	41	0	01	7	30	2	1	4	6	11.4	18.8	70	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	8	29	3	1	4	4,1	9.2	27.0	39	0	03	7	32	2	2	8	4,5	11.9	20.1	65	dr.	141
CAIRO EZBEKÎYA	01	8	28	4	1	4	4,2	9.6	27.4	40	0	03	7	30	1	1	8	6	11.9	20.0	64	0	—
CAIRO GÎZA	01	8	26	3	1	4	5	9.5	27.6	34	0	01	7	30	3	2	5	5	11.9	19.8	63	0	—
HELWÂN	01	7	28	3	1	4	2	9.2	26.9	31	0	01	6	30	4	1	5	4	12.2	20.1	57	0	143
SUEZ	01	9	08	1	1	5	2	8.6	31.8	26	0	03	9	30	2	2	8	5	11.6	22.7	52	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	3	1	4	2	9.4	27.9	37	0	03	8	32	3	2	8	5	11.2	21.9	52	0	153
MINYA	01	7	32	3	2	4	5	8.7	33.8	18	0	01	8	32	3	1	4	4	10.4	25.8	33	0	154
ASYÛT	01	7	22	1	1	5	2	7.2	36.8	17	0	00	6	18	1	0	0	—	9.1	28.2	32	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	5.9	39.0	18	0	00	8	00	0	0	0	—	6.6	27.0	38	0	164
QENA	01	9	16	1	1	4	1	6.4	40.3	15	0	01	6	20	1	1	4	1	6.4	28.8	27	0	156
LUXOR	02	7	18	2	2	5	1	6.7	40.0	15	0	00	6	32	1	0	0	—	6.6	28.7	36	0	157
ASWÂN	08	9	18	1	1	4	1	5.8	39.8	07	0	00	9	00	0	0	0	—	6.7	32.0	14	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	—	13.5	27.5	63	0	00		32	2	0	0	—	12.7	24.3	66	0	148
BAHARÎYA												00		00	0	0	0	—	—	—	—	0	149
KHÂRGA	00	9	32	1	0	0	—	7.2	37.4	25	0	00	9	32	1	0	0	—	7.4	26.2	13	0	151
DÂKHLA												00	6	28	4	0	0	—	9.6	25.8	22	0	152
RED SEA																							
TÔR																							145
HURGHÂDA	00	9	12	3	0	0	—	9.4	27.7	68	0	00	9	12	3	0	0	—	8.3	26.2	72	0	146
QUSEIR	02	8	08	3	1	5	2	8.6	26.0	78	0	00	8	02	1	1	0	—	7.2	24.8	74	0	147
PORT SÛDÂN	00	8	02	3	0	1	4	9	31	08	0												248
NORTH SÛDÂN																							
WÂDI HALFA	00	7	08	2	0	1	1	5	40	06													165
KAREIMA	00	8	08	2	0	0	—	4	39	05													166
ATBARA	01	8	04	2	1	3	1	3	38	09													167
KHARTÛM	00	8	22	1	0	1	1	3	39	07													289
KASSALA	00	8	02	2	0	0	—	1	40	08													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	06	3	0	0	—	1	40	06													171
RENK	00	8	18	3	0	0	—	0	41	13													182
ROSEIRES	00	8	02	1	0	0	—	2	42	15													172
EL OBEID	01	9	00	0	1	4	1,2	1	38	24													174
EL FÂSHER	01	9	28	1	1	4	1,2	—	37	17													175
GENEINA	00	8	24	2	0	3	1	—	38	06													179
KADUGLI	02	8	04	3	1	5	1	2	40	08													187
SOUTH SÛDÂN																							
MALAKÂL	01	8	00	0	1	4	8,2	2	40	13													176
WAU																							177
JUBA	02	8	12	3	1	7	8,4,2	4	35	44													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, 18th

MATRÛH 13h 15m	WÂDI HALFA 13h	KAREIMA 12h 30m	KHARTÛM 13h 30m	KASSALA 12h 40m	EL OBEID 12h 30m	MALAKAL 13h	JUBA 13h 15m
03 31 25	09 08 05	09 05 30	09 02 05	09 03 05	09 08 05	09 27 05	09 20 15
06 30 30	15 09 15	15 04 10	15 03 40	21 06 10	15 05 20	15 21 05	15 21 15
09 29 30	21 05 20	21 04 30	18 05 30	27 02 05	21 10 15	21 12 10	21 03 05
	27 05 20	27 05 20			24 11 15	27 17 05	27 04 15
	33 02 40	33 02 05				33 14 05	33 03 20
	39 01 30	39 02 20				39 14 05	39 05 20

REMARKS

Times ... standard time (or E. 2h) and are ... hours ... Greenwich mean time

Station	Humidity 18th	Diff. from normal	Min. 18th	Diff. from normal
Alexandria	75	+8	15.6	-0.2
Ezbekiya	64	+11	16.9	+1.1
Giza	64	+9	16.9	+1.3
Helwân	55	+15	16.0	+2.1

GRASS MINIMUM TEMP 19th

WATER TEMP RIVER NILE 19th 21.8°

Gauge	Reading	Diff from normal	Previous day Reading	Diff from normal
Juba	—	—	12.52	-0.82
Nasser	5.04	-0.41	5.06	-0.40
Malakal	9.59	-0.51	9.59	-0.51
J. Aulia Res	—	—	375.41	—
J. Aulia D.S	—	—	371.65	+0.79
Roseires	11.69	+0.37	11.67	+0.34
Sennar Res	15.76	—	15.82	—
Khartum	10.42	+0.20	10.40	+0.16
Kh. el Girba	—	—	—	—
Atbara	10.39	+0.41	10.40	+0.42
Hajarti	132.56	+0.70	132.56	+0.70
Aswan Res	120.15	—	120.15	—
Aswan D.S	84.92	-0.66	84.91	-0.67
Roda (Cairo)	15.70	+0.20	15.73	+0.23

	Date		
CAIRO	19-4	868	926
	18-4	868	810

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.	Dry Bulb °C (TTT)	Max. Yesterday °C	Diff. from norm	Min. Today °C	Diff. from norm	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				95
MATRÛH	02	9	00	0	1	7	8	14.2	-0.4	16.7	21	-2	10	-4	81	0	88	157
MARIUT	05	7	00	0	2	8	8,4,2	14	—	18	21	—	12	—	73	0	181	138
ALEXANDRIA	02	8	28	1	2	7	6	13.5	-0.9	17.2	22	-2	15	0	79	0	165	182
DAMIETTA	02	8	32	2	1	6	6	12.3	-1.9	18.2	22	—	15	—	82	0	68	102
PORT SA'ÎD	01	8	30	3	1	4	4	12.3	-1.0	20.0	25	+1	17	+1	70	0	45	75
EL 'ARÎSH																		89
LOWER EGYPT																		
DAMANHÛR	02	5	04	2	2	5	5	13.0	-1.1	17.6	23	-4	14	+1	78	0	81	97
MANSÛRA	02	8	02	2	2	5	0	12.6	-1.9	18.6	26	-2	14	+1	68	0	27	50
TANTA	03	7	00	0	2	8	5	13.6	-0.9	18.5	26	-3	12	0	76	0	59	38
ZAGAZIG	01	6	32	2	2	3	8	—	—	17.6	27	-2	13	+1	78	0	9	26
SHEBÎN EL KÔM	02	8	02	2	1	5	0	—	—	18.0	29	—	13	—	73	0	19	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	6	06	3	2	5	4,2	12.3	-2.1	17.9	29	—	15	—	72	dr.	3	—
CAIRO EZBEKÎYA	05	5	02	2	1	6	6	13.0	-1.4	17.6	28	-1	15	+1	76	0	3	24
CAIRO GÎZA	09	6	02	2	1	4	8,5	12.6	-1.8	17.9	30	+1	14	+3	76	0	15	23
HELWÂN	02	7	04	2	2	5	4,2	12.2	-1.8	18.7	28	-1	15	0	63	0	4	26
SUEZ	03	9	02	1	2	8	5	12.0	-1.0	19.0	34	+5	16	+1	69	0	—	15
UPPER EGYPT																		
FAIYÛM	00	9	32	2	0	0	—	12.2	-2.0	18.1	29	-1	16	+3	72	0	8	8
MINYA	01	7	32	2	2	5	5	12.7	-0.8	22.4	34	+3	16	+2	52	0	dr.	—
ASYÛT	00	7	20	1	0	0	—	10.7	-2.8	21.9	39	+7	17	+2	—	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.2	-3.5	25.0	39	—	18	—	45	0	1	—
QENA	01	7	28	1	1	4	1	9.1	-3.2	26.4	42	+6	20	+3	39	0	13	—
LUXOR												—		—				
ASWÂN	02	9	00	0	1	5	4	8.4	-3.7	28.6	42	+6	24	+4	30	0	dr.	
WESTERN DESERT																		
SÎWA	03	7	00	0	2	8	5	14.3	-1.0	19.2	30	0	18	+6	82	0	1	8
BAHARÎYA	01	9	32	1	1	4		—		18.0	29	-2	—	—	62	0	0	7
KHÂRGA	01	9	02	2	1	4	5	9.1	-3.9	25.5	42	+8	21	+5	44	0	1	—
DÂKHLA	00	7	08	3	0	0	—	11.2	-2.4	22.9	41	+7	20	+5	30	0	0	—
RED SEA																		
TÔR																0	0	13
HURGHÂDA	00	9	28	4	0	0	—	10.9	-1.3	22.7	30	+1	16	-1	52	0	1	3
QUSEIR	00	8	32	3	0	0	—	9.8	-2.2	25.2	27	-1	22	+2	60	0	11	4
PORT SÛDÂN	01	8	12	2	1	4	8	11		28					84	0	17	96
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	2	4,1	8		28					19	0	tr.	—
KAREIMA	00	8	06	1	0	3	1	8		28					19	0	7	1
ATBARA	01	8	06	1	1	3	1	7		27					23	0	2	3
KHARTÛM	00	8	04	2	0	0	—	7		29					12	0	3	4
KASSALA	00	8	00	0	0	0	—	6		31					29	0	31	10
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	08	3	0	0	—	6		29					12	0	13	13
RENK	00	9	18	3	0	0	—	—		32				—	36	—		53
ROSEIRES	00	8	20	1	0	0	—	—		32					41	0	82	47
EL OBEID	00	8	10	1	0	3	1,2	7		29					35	0	44	18
EL FÂSHER	01	9	30	1	0	4	1,2	—	—	23					22	0	2	6
GENEINA	00	9	02	1	0	2	1	—	—	27		—		—	08	—	—	6
KADUGLI	01	7	20	3	1	4	1	—		31		—			43	—		98
SOUTH SÛDÂN																		
MALAKÂL	00	8	16	5	0	0	—	7		31					43	0	170	111
WAU																0	113	210
JUBA	02	8	14	2	1	5	2	8		26					70	0	225	255

Upper Winds are in the Code HHDDVV where HH is Height 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 19th

MATRÛH 6h 45m	MARIUT 7h	WÂDI HALFA 7h 18m	ABU HAMAD 7h	KAREIMA 6h 45m
03 31 10	03 05 05	09 07 30	09 08 35	09 03 25
06 33 15	06 05 05	15 08 20	15 05 25	15 01 10
09 33 25	09 32 15	21 06 10	21 06 20	
12 32 30	12 29 20	27 09 20	27 07 30	
15 32 40	15 29 30		30 09 15	
18 34 35	18 28 15			

KASSALA 7h	PORT SÛDÂN 7h	EL OBEID 7h	GENEINA 7h	MALAKAL 7h
09 09 20	09 09 20	09 00 00	09 09 20	09 11 55
15 07 15	15 13 40	15 11 15	15 17 40	15 18 45
21 36 05		21 07 20	21 17 20	21 19 20
27 27 10		27 05 30	27 23 15	27 36 05
33 25 20		30 04 35	33 25 20	33 33 10
			39 26 25	39 03 10

UPPER AIR TEMP — ALMAZA at 23h G.M.T. on 18th

Height Feet	PPP		
Surface	1004	62	60
[illegible]00	986	55	55
[illegible]000	968	55	54
[illegible]500	951	55	53
[illegible]000	934	56	49
4000	867	57	44
[illegible]000	804	51	37
[illegible]000	746	56	43
[illegible]000	690	52	41
[illegible]000			
4000			
[illegible]000			

CYPRUS ... NORTH ... 8h ON 19th

34703	03990	12325	10201	20104	00xxx.
34887	02864	26317	10171	4x 202	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	45
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; Variable sky; Mainly overcast; Sandstorm, Duststorm; Fog, thick dust haze; Drizzle; Rain; Snow, sleet; Showers; Thunderstorm

VISIBILITY (V)

Objects ... visible at: 50 metres ... 0; 200 ...; 500 ...; ... Kilometres ...; visible over 50 kms.

CLOUD AMOUNT (N)

Clear; Trace; 1 Tenth; 2 ... Tenths; 4, 5, 6 Tenths; ... Tenths; 9 Tenths; Over 9 Tenths; Overcast; Fog or Dust

WIND FORCE (F)

	K.P.H.	Force
Calm	[illegible]	0
Almost calm	[illegible]	
Very light	[illegible]	2
Light	[illegible]	3
Moderate	[illegible]	4
Fresh	[illegible]	5
Strong	[illegible]-44	6
Very strong	[illegible]-54	
Gale	[illegible]-65	8
Strong gale	[illegible]-77	
Whole gale	[illegible]-90	10
Storm	[illegible]-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) on scale of 32 ... 08 = East, 16 = South, 24 = West, 32 = North

CLOUD FORM (C)

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

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر ابريل ١٩٤٦

At 14h. on FRIDAY 19th (الساعة ١٤ يوم ١٩) — At 20h. on 19th (الساعة ٢٠ يوم الجمعة ١٩)

Station	14h Present Weather ww	Visibility V	Wind Dir.	Wind Force	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.	Wind Force	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
Salum																							130
Matruh	02	9	28	2	5	7	9	14.4	17.8	72	2	00	8	00	0	5	0	—	15.2	15.8	89	tr.	131
Mariut	03	7	28	3	8	8	8,5,2	14	20	64	dr.	02	7	31	2	6	7	4,5	15	16	82	dr.	150
Alexandria	02	9	28	2	2	7	6	14.3	19.0	68	0	01	6	00	0	5	4	4	16.3	16.0	79	dr.	132
Damietta	02	8	26	3	2	7	5,4	13.6	19.9	75	0	02	7	28	2	2	7	6,4,5	14.7	17.2	90	0	158
Port Said	03	8	30	4	2	8	4	13.5	20.9	67	0	21	8	30	2	5	4	6	15.2	17.4	78	dr.	134
El Arish												00	7	26	1	0	0	—	14.8	16.2	72	0	135
Damanhur	02	5	32	3	2	6	5	14.0	23.0	52	0	02	6	32	2	2	5	5	15.2	16.2	82	0	136
Mansura	02	8	02	2	2	5	6	13.1	24.0	46	0	01	6	02	2	1	4	6	15.1	17.6	74	0	137
Tanta	03	8	28	3	2	8	5	13.6	22.6	53	0	03	7	00	0	5	8	7	15.5	16.5	81	dr.	138
Zagazig	03	6	28	2	3	8	8,9,6	—	23.5	57	0	01	6	28	2	8	4	8,9,6	14.4	17.2	86	dr.	139
Shebin el Kom	02	8	30	3	2	6	6	13.5	23.7	53	0	02	7	02	2	2	5	0	14.4	18.4	69	0	—
Cairo Almaza	03	7	02	2	2	8	5	13.0	22.1	52	0	03	7	03	4	6	8	5	15.5	19.6	67	dr.	141
Cairo Ezbekiya	02	7	30	3	1	6	5,4	13.1	22.4	54	0	02	7	02	4	1	6	6,4,5	15.4	19.8	68	0	—
Cairo Giza	13	7	30	3	2	5	5	13.2	21.9	52	0	01	6	02	4	2	4	5	15.4	19.8	66	0	—
Helwan	03	7	32	5	2	8	5	12.2	23.0	38	0	02	6	02	4	2	6	4,5	14.3	19.9	61	0	143
Suez	03	9	30	2	2	8	5	12.4	24.0	39	0	03	9	30	2	2	8	5	14.9	19.2	66	0	144
Faiyum	03	8	32	3	2	8	5	11.4	25.6	38	0	02	8	32	3	2	7	5	14.2	20.9	55	0	153
Minya	02	7	32	2	2	7	5	10.2	29.3	27	0	02	7	32	3		5	5	13.6	21.2	54	0	154
Asyut	00	8	22	1	0	0	—	8.8	31.1	23	0	00	6	20	1	0	0	—	10.7	24.3	37	0	155
Nag Hamadi	00	8	00	0	0	0	—	6.4	37.0	26	0	00	8	00	0	0	0	—	9.5	25.6	45	0	164
Qena	01	8	20	1	1	4	2	5.9	40.3	17	0	01	6	24	1	1	4	2	7.5	31.0	32	0	156
Luxor	02	7	22	1	2	5	2	6.7	40.0	20	0	00	6	32	1	0	0	—	7.8	31.4	30	0	157
Aswan	02	9	18	1	1	5	1	4.4	41.0	11	0												158
Siwa	00	8	00	0	0	0	—	14.7	27.2	69	0	00		32	4	0	0	—	15.0	20.0	81	0	148
Bahariya																							149
Kharga	01	9	08	1	1	4	5	7.4	37.5	18	0	00	9	32	2	0	0	—	9.1	23.3	25	0	151
Dakhla	00	9	08	3	0	0	—	8.6	37.6	24	0	00	7	28	2	0	0	—	11.6	23.8	32	0	152
Tor																							145
Hurghada	00	9	20	3	0	0	—	11.6	25.6	70	0	00	9	28	4	0	0	—	10.6	24.1	74	0	146
Quseir	02	8	32	3	2	6	2	10.2	27.0	63	0	02	8	02	2	2	6	2	9.8	25.4	60	0	147
Port Sudan	00	8	04	1	0	1	8	9	31	79													208
Wadi Halfa	01	8	08	3	1	5	4,1	4	42	08													165
Kareima	00	8	04	2	0	1	1	4	40	08													166
Atbara	00	8	00	0	1	0	—	3	41	10													167
Khartum	00	8	00	0	0	0	—	2	40	08													209
Kassala	00	8	26	2	0	2	1	0	42	08													170
Wad Medani	00	8	22	3	0	0	—	1	42	10													171
Renk	00	9	18	3	0	0	—	0	39	26													182
Roseires	00	8	16	1	0	0	—	0	40	24													172
El Obeid	02	8	17	2	1	8	2	1	39	10													174
El Fasher	02	9	12	2	1	7	1	—	39	08													175
Geneina	02	8	14	3	0	4	2	—	38	11													179
Kadugli	01	8	04	2	1	4	4	2	39	13													187
Malakal	01	8	16	3	1	3	8	2	39	21													176
Wau																							177
Juba	02	8	12	2	1	7	8,4,2	5	34	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 19th (١٩)

Matruh	Mariut 13h	Port Said 12h 15m	Almaza	Minya 13h	Luxor 13h	Hurghada	Wadi Halfa 13h 30m	Kareima 13h	Khartum	Kassala	El Obeid 13h	Malakal	Juba 13h 45m
	03 30 20	03 32 15		03 35 30	03 23 05		09 12 20	09 05 45			09 10 10		09 18 30
	06 29 35	06 29 15		06 01 25	06 17 10		15 11 20	15 07 35			15 19 05		15 16 20
	09 29 40	09 26 20		09 35 25	09 19 20		21 12 30	21 05 05			21 18 05		21 15 15
		15 23 25		15 26 10	15 21 35		27 12 15	24 13 30			27 12 05		27 14 20
		27 27 40		21 20 30	21 22 35		33 25 05	30 11 65			33 07 30		33 13 30
					30 23 30								39 08 30
					45 27 30								
					48 27 35								

Remarks

Times are in standard time, long. 30 E and are two hours ahead of Greenwich mean time

Station	Mean of day Humidity % on 19th	Diff from normal	Wet bulb temp °C on 19th	Diff from normal
Alexandria	77	+9	14.9	-1.0
Ezbekiya	68	+15	16.1	+0.2
Giza	68	+13	12.6	-3.1
Helwan	58	+18	15.1	+1.2

GIZA — Grass minimum temp: 20th —

CAIRO — Water temp. River Nile at 9h: 20th 21.7°

	20-4	868	926
	19-4	868	926

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	20th				
Nasser				5.04	-0.41
Malakal		9.56	-0.54	9.59	-0.51
J. Aulia Res					
J. Aulia D.S.					
Roseires		11.70	+0.39	11.69	+0.37
Sennar Res.				15.76	
Khartum				10.42	+0.20
Kh. el Girba					
Atbara				10.39	+0.41
Kajnarti		132.58	+0.72	132.56	+0.70
Aswan Res		120.16		120.15	
Aswan D.S.		84.92	-0.66	84.92	-0.66
Roda (Cairo)		15.68	+0.18	15.70	+0.20

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

At 8h. on SATURDAY 20th (الساعة ٨ يوم السبت ٢٠)

Station	Present Weather ww	Visibility V	Wind Dir.	Wind Force	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs.	Diff from normal mbs.	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm.	Minimum Today °C	Diff from norm.	% Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Salum																		95
Matruh	00	9	24	1	0	0	—	16.8	+2.2	16.2	18	-5	12	-2	85	2	90	157
Mariut	00	7	28	1	0	3	6	16		19	20	—	12	—	64	dr.	181	138
Alexandria	01	9	00	0	2	4	8	16.4	+2.1	19.3	21	-3	15	0	67	dr.	165	182
Damietta	01	8	28	2	1	4	8,6	15.9	+1.7	18.8	21	—	12	—	81	0	68	102
Port Said	01	8	32	2	1	5	6,5	16.0	+2.8	19.0	22	-2	15	-1	70	dr.	45	75
El Arish	02	7	12	1	1	6	4	15.1	+1.3	17.3	21	-3	10	-3	71	0	51	90
Damanhur	01	6	32	3	1	4	8	16.0	+1.9	21.0	23	-4	12	-1	76	0	81	97
Mansura	01	8	08	1	1	3	0	16.4	+1.9	18.6	25	-3	11	-2	73	0	27	50
Tanta	01	8	00	0	1	4	8	17.0	+2.5	17.0	24	-5	11	-1	80	dr.	59	38
Zagazig	02	6	32	2	1	5	8	—	—	19.6	24	-5	12	0	66	dr.	9	26
Shebin el Kom	00	8	02	2	0	1	1	16.0	+1.5	17.4	24	—	12	—	73	0	19	
Cairo Almaza	05	6	04	2	1	4	1,2	15.8	+1.5	17.1	23	—	13	—	79	dr.	3	
Cairo Ezbekiya	05	6	02	2	1	5	8,2	16.3	+2.0	17.8	23	-6	13	-1	76	0	3	24
Cairo Giza	09	6	02	2	1	5	5	16.6	+2.2	17.2	23	-6	12	+1	76	0	15	24
Helwan	02	7	32	4	2	6	4,2	15.4	+1.5	19.0	25	-4	14	-1	54	0	4	27
Suez	01	9	30	2	1	5	3	16.6	+2.1	18.7	25	-4	15	-1	70	0	—	16
Faiyum	02	8	32	4	2	5	5	15.8	+1.7	18.9	26	-5	15	+1	66	0	8	8
Minya	01	8	32	2	1	4	5	15.0	+1.6	21.0	29	-2	16	+2	57	0	dr.	
Asyut	03	7	22	2	1	8	5	13.5	+0.1	19.5	32	0	16	+1	68	0	0	4
Nag Hamadi	00	8	00	0	0	0	—	11.9	-0.8	23.5	37	—	19	—	51	0	1	
Qena	01	7	24	3	1	3		11.5	-0.7	26.6	34	+5	20	+3	37	0	13	
Luxor	00	7	32	1	0	0	—	11.5	-0.9	27.4	41	+5	21	+5	35	0	0	
Aswan	00	9	00	0-	0	3	1	8.8	-3.3	27.7	43	+7	24	+4	22	0	dr.	
Siwa	00	8	00	0	0	0	—	20.8	+5.6	18.0	28	-2	12	0	80	0	1	8
Bahariya	00	9	00	0	0	0	—	15.4	+0.7	18.0	30	-1	12	-1	62	0	0	7
Kharga	01	9	32	2	0	5	2	12.3	-0.6	25.5	39	+5	22	+6	35	0	1	
Dakhla	00	7	28	2	0	0	—	13.4	-0.2	22.2	38	+4	21	+6	38	0	0	
Tor																0	0	13
Hurghada	00	8	30	4	0	0	—	11.9	-0.2	23.1	27	-2	14	-3	55	0	1	3
Quseir	02	8	32	3	2	5	2	11.6	-0.3	24.0	28	0	20	0	67	0	11	4
Port Sudan	00	8	04	1	0	3	8	11		29					74	0	17	96
Wadi Halfa	01	8	00	0	1	3	1	8		28					19	0	tr.	
Kareima	00	8	04	1	0	0	—	7		29					17	0	7	1
Atbara	00	8	08	2	0	0	—	7		31					43	0	2	3
Khartum	00	6	32	1	0	0	—	7		29					19	0	3	4
Kassala	00	8	00	0	0	0	—	5		34					34	0	31	10
Wad Medani	00	8	08	2	0	2	1	6		30					22	0	13	13
Renk	00	9	18	3	0	0	—	5		34		—		—	32	—	—	54
Roseires	00	8	24	1	0	0	—	—		31					16	0	82	48
El Obeid																0	44	18
El Fasher	00	9	02	2	0	0	—	—	—	29					18	0	2	6
Geneina	01	8	00	0	0	4	1	—	—	28		—		—	14	—	—	6
Kadugli	01	8	28	2	1	4	1	7		32		—		—	26	—	—	98
Malakal	01	8	18	4	1	4	3	7		33					38	0	170	112
Wau																0	113	212
Juba	93	8	20	1	9	8	8,9,6	11		23					94	4	229	259

Upper Winds are in the Code HHDDVV where HH is Height 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 (الاريـاح العليا يوم ٢٠)

Matruh 7h 15m	Mariut 7h	Port Said 7h	Helwan 9h	Minya 7h	Asyut 7h	Luxor 7h	Aswan 7h	Abu Hamad 7h	Kareima 7h 15m	Khartum
03 29 15	03 32 10	03 34 10	02 03 15	03 03 40	02 02 30	03 36 15	02 07 15	09 09 30	09 05 25	
06 31 15	06 32 15	06 33 05	05 04 20	06 01 40	05 03 45	06 01 15	05 12 40	15 06 30	15 06 20	
09 33 10	09 31 20	09 33 15	08 02 25	09 02 25	10 02 40	09 19 10	10 14 20	21 03 30	21 08 20	
15 31 30	15 31 20	12 29 15	10 02 30	12 33 30	15 33 35	15 16 20	15 07 20	27 11 10	24 08 15	
21 30 35	18 30 35	15 30 25	15 01 20	15 33 40	20 28 45	21 19 15	20 07 10		33 06 15	
27 29 35	21 30 45	18 32 30	20 29 30	18 32 35		30 26 25	25 11 05			
			23 30 35	21 31 30		39 28 35				
			25 28 45	24 32 25		45 27 40				
			30 26 —			60 27 65				

Kassala	Port Sudan	El Obeid 5h	El Fasher	Geneina 7h	Malakal 7h
		09 08 15		09 26 20	09 18 35
		15 09 15		15 26 35	15 19 35
		21 07 20		21 25 35	21 23 10
		24 08 10		27 23 10	27 01 15
		33 25 15		33 21 15	33 02 10

Upper Air Temp — Almaza at 23 GMT on 19th

Height feet	PPP m.b.	TT °F	Td °F
Surface	1006	61	58
500	989	56	56
1000	970	56	55
1500	952	56	52
2000	935	56	46
4000	869	58.5	47
6000	806	52	41
8000	747	46	36
10000	692	38.5	33
12000	640	31	27
14000	591	26	24
16000	543	20	15

Cyprus Synoptic 8h on 20th

34720	01854	22514	13181	10106	00080
34850	01864	59414	13170	80105	00070

Annual Subscription P.T. 150

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	
Thin Haze	
Dust Devils	
Distant Lightning	
Light Mist	
Distant Fog	
Rain in sight	
Distant Duststorm	
Squalls	
Slight Duststorm	
Rain in past hour	
Slight Thunderstorm	
Heavy Thunderstorm	
Duststorm	
Fog or thick haze	
Fog	

PAST WEATHER (W)

Clear, light cloud
Variable
Mainly overcast
Sandstorm, Duststorm
Fog, thick dust haze
Drizzle
Rain
Snow, sleet
Showers
Thunderstorm

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Cairo — Time of Sunrise 05 h. 23 m. — Sunset 18 h. 26 m.

Month APRIL 1946 — شهر أبريل ١٩٤٦

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

Station	14h Present weather	Visibility	Wind Dir.	Force	Past weather	Cloud Amount	Form	Bar press M.S.L. 1000+ mbs.	°C Temp.	% Humidity	Rain 8-14h mms	20h Present weather	Visibility	Wind Dir.	Force	Past weather	Cloud Amount	Form	Bar press M.S.L. 1000+ mbs.	°C Temp.	% Humidity	Rain 14-20h mms	Station number
Salum																							130
Matrûh	00	9	32	2	0	3	8	17.5	19.2	70	0	00	8	00	0	0	0	—	17.8	16.8	81	0	131
Mariut	01	8	28	2	0	4	6	18	21	57	0	00	7	32	1	0	0	—	17	16	77	0	150
Alexandria	01	9	02	2	2	3	8	17.8	20.8	59	0	00	5	00	0	0	0	—	18.0	16.4	85	0	132
Damietta	00	8	28	3	1	3	8	16.3	19.9	80	0	00	8	28	2	1	0	—	16.7	16.7	91	0	159
Port Saïd	00	8	32	3	0	3	4	16.6	22.5	61	0	00	8	32	2	0	0	—	17.1	17.2	80	0	134
El 'Arîsh																							135
Damanhûr	01	7	32	3	1	3	8	16.6	23.0	50	0	00	6	32	2	1	0	—	17.1	16.2	81	0	136
Mansûra	01	8	02	1	1	4	8	16.2	24.8	43	0	00	6	04	2	1	0	—	16.7	17.0	78	0	137
Tanta	01	8	32	2	1	4	8	15.6	25.5	45	0	01	8	00	0	1	4	8	17.4	16.0	79	0	138
Zagazig	01	6	32	2	2	3	8	—	25.2	46	0	00	6	32	2	1	0	—	17.0	17.8	74	0	139
Shebîn el Kôm	01	8	02	3	1	3	8	15.4	26.4	39	0	00	7	30	2	0	0	—	17.2	18.8	70	0	—
Almaza	01	8	02	3	0	3	3	15.0	26.1	34	0	00	7	04	4	1	0	—	15.7	21.5	55	0	141
Ezbekîya	00	8	28	3	0	3	5	15.2	26.3	41	0	00	7	30	3	0	0	—	16.2	20.4	63	0	—
Gîza	01	8	02	2	1	2	5	15.2	25.1	36	0	00	7	02	3	1	1	8	16.2	21.2	57	0	—
Helwân	00	7	32	4	0	2	1	14.8	25.5	29	0	00	6	02	5	0	0	—	15.6	21.2	55	0	143
Suez	01	9	30	2	1	4	1	15.6	25.8	33	0	01	9	30	2	1	4	1	16.0	20.9	53	0	144
Faiyûm	02	8	32	3	2	6	5	14.7	25.2	36	0	02	8	30	2	2	6	5	14.7	22.4	47	0	153
Minya	02	8	32	3	1	5	5	13.8	27.0	35	0	01	8	32	3	1	4	5,4	13.6	23.0	38	0	154
Asyût	03	8	30	2	2	8	5	12.6	29.1	26	0	01	6	22	1	1	5	2,5	12.8	25.2	34	0	155
Nag Hamâdi	00	8	00	0	0	0	—	9.2	35.2	26	0	00	8	24	1	0	0	—	11.0	26.3	36	0	164
Qena	01	8	24	1	1	4	1	9.2	36.6	24	0	01	6	26	2	1	3	1	9.6	30.8	30	0	156
Luxor	01	7	02	1	1	4	1	8.3	40.8	14	0	00	6	28	2	0	0	—	9.9	31.2	31	0	157
Aswân	02	9	32	3	1	5	1	4.8	41.0	11	0	00	9	32	5	0	0	—	8.2	32.0	19	0	158
Sîwa	00	8	00	0	0	0	—	17.2	26.8	27	0	00		00	0	0	0	—	16.3	22.0	50	0	148
Bahariya	01	9	00	0	1	4	—	13.5	28.0	44	0	00		00	0	0	0	—	16.8	18.5	58	0	149
Khârga	01	7	32	4	1	5	2	11.5	31.5	26	0	00	9	32	3	0	0	—	11.2	27.3	34	0	151
Dâkhla	00	8	32	4	0	0	—	11.4	31.4	28	0	00	6	28	2	0	0	—	12.7	24.2	37	0	152
Tôr	00	7	28	5	0	0	—	12.2	23.9	67	0	00	7	28	4	0	0	—	11.9	23.5	52	0	145
Hurghâda	00	9	32	4	0	0	—	12.2	26.3	77	0	00	9	28	5	0	0	—	11.5	24.5	—	0	146
Quseir	02	8	32	3	2	5	5	10.8	26.0	57	0	02	8	32	2	2	5	5	11.4	24.0	75	0	147
Port Sûdân	00	8	08	2	0	0	—	9	31														169
Wâdi Halfa	01	8	32	1	1	3	1,2	5	44	11													165
Kareima	00	8	02	2	0	0	—	3	43	07													166
Atbara	00	8	26	1	0	0	—	3	41	14													167
Khartûm	01	8	28	3	0	3	2	2	42	09													168
Kassala	01	8	28	2	0	3	8	0	44	12													170
Wad Medani	00	8	30	3	0	0	—	1	43	07													171
Renk	01	8	16	3	1	4	8	0	41	16													182
Roseires	00	8	28	2	0	0	—	0	43	17													172
El Obeid	02	8	32	3	1	5	4,1	2	40	14													174
El Fâsher	02	9	22	3	1	5	1	—	39	20													175
Geneina																							179
Kadugli																							187
Malakâl	02	8	28	3	1	5	8	4	38	29													176
Wâu																							177
Juba	02	8	20	2	1	7	4,5	9	29	66													178

At 8h. on SUNDAY 21st (الساعة ٨ يوم الأحد ٢١)

Region	Station	Present weather	Visibility	Wind Dir.	Force	Past weather	Cloud Amount	Form	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												—		—				96
	Matrûh	01	9	28	2	0	4	8	17.8	+3.2	17.0	20	-3	13	-1	82	0	90	157
	Mariut	01	8	30	1	4	5	8	17	—	20	21	—	12	—	64	0	181	138
	Alexandria	01	9	00	0	2	4	8	17.2	+2.9	19.5	22	-2	15	0	62	0	165	183
	Damietta	01	6	20	1	1	4	8	16.6	+2.5	19.9	21	—	14	—	75	0	68	103
	Port Saïd	01	8	02	2	1	3	8	16.7	+3.2	19.7	23	-1	15	-1	68	0	45	76
	El 'Arîsh																	51	90
Lower Egypt	Damanhûr	01	6	04	2	1	4	8	16.6	+2.5	17.6	24	-3	12	-1	82	0	81	97
	Mansûra	01	8	04	1	1	3	8	17.2	+2.8	19.8	26	-2	11	-2	67	0	27	51
	Tanta	01	8	00	0	1	4	8	17.4	+2.9	17.0	27	-2	10	-2	80	0	59	38
	Zagazig	01	6	32	2	1	4	8	—	—	19.2	26	-3	12	0	80	0	9	26
	Shebîn el Kôm	00	8	02	1	0	1	8	16.8	+2.3	18.1	27	—	11	—	73	0	19	
Middle Egypt (Cairo)	Almaza	00	7	08	3	0	0	—	16.6	+2.3	18.0	27	—	14	—	69	0	3	
	Ezbekîya	00	7	02	3	0	1	8	16.6	+2.3	19.6	27	-2	14	0	64	0	3	24
	Gîza	00	7	04	2	0	1	8	16.8	+2.5	18.5	26	-3	12	+1	68	0	15	24
	Helwân	00	7	32	2	0	0	—	16.3	+2.5	18.8	26	-3	14	-1	56	0	4	27
	Suez	00	9	30	1	0	0	—	16.7	+2.8	19.3	21	-2	15	-1	61	0	—	16
Upper Egypt	Faiyûm	00	8	32	1	0	0	—	16.4	+2.4	17.4	28	-3	14	0	75	0	8	8
	Minya	01	8	24	2	1	3	2	15.5	+2.1	21.0	27	-4	16	+2	55	0	dr	
	Asyût	01	7	30	4	1	4	3	14.2	+0.9	23.5	31	-1	19	+4	38	0	0	4
	Nag Hamâdi	00	8	24	1	0	0	—	12.4	-0.2	23.4	36	—	18	—	49	0	1	
	Qena	01	7	22	2	1	4	1	11.6	-0.5	26.4	39	+4	19	+2	40	0	13	
	Luxor	01	7	22	2	1	4	1	11.8	-0.5	30.0	41	+5	22	+6	36	0	0	
	Aswân	02	9	32	2	1	5	1	10.0	-2.0	27.8	42	+6	25	+5	21	0	dr	—
Western Desert	Sîwa	00	7	00	0	0	0	—	17.0	+1.8	20.0	30	0	14	+1	25	0	1	8
	Bahariya	00	9	00	0	0	0	—	15.2	+0.6	19.5	30	-1	13	0	59	0	0	7
	Khârga	01	9	32	4	1	4	9	13.8	+0.9	24.2	34	0	21	+4	44	0	1	
	Dâkhla	00	7	08	3	0	0	—	14.6	+1.1	22.2	32	-2	21	+6	57	0	0	
Red Sea	Tôr	00	7	28	5	0	0	—	12.2	+0.3	21.8	24	-4	20	+3	61	0	0	13
	Hurghâda	02	8	30	5	0	6	6	13.6	+1.5	22.7	27	-2	22	+5	51	0	1	3
	Quseir	01	8	32	4	1	4	4	11.8	-0.1	25.0	28	0	22	+2	57	0	11	4
	Port Sûdân	01	8	00	0	1	5	6,1	11		36					79	0	17	96
North Sûdân	Wâdi Halfa	02	8	02	2	1	7	2	9		29					25	0	tr	
	Kareima	01	8	04	3	1	3	1	7		32					21	0	7	1
	Atbara	00	8	32	2	0	0	—	6		32					36	0	2	3
	Khartûm	00	8	02	1	0	0	—	6		34					16	0	3	4
	Kassala	00	8	08	3	0	0	—	4		36					27	0	31	11
Central Sûdân	Wad Medani	00	9	18	4	0	0	—	6		33					23	0	13	14
	Renk	00	9	20	3	0	0	—	5		32					43	—	—	54
	Roseires	00	8	20	1	0	0	—	—		32					74	0	82	48
	El Obeid	02	9	18	5	1	7	2	8		30					38	0	44	18
	El Fâsher	02	8	00	0	1	5	2	—	—	26					05	0	2	6
	Geneina	01	8	20	1	1	4	2	—	—	28				—	42	0	—	6
	Kadugli	02	8	12	2	1	5	1	8		30				—	43	—	—	99
S. Sûdân	Malakâl	01	8	16	3	1	5	2	10		29					49	0	170	113
	Wâu																0	113	214
	Juba	51	8	12	3	5	8	6,4,5	13		24					74	tr	229	263

Upper Winds

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

20th

Matrûh 12h 45m	Mariut 13h	Port Saïd	Almaza	Minya	Luxor 13h	Hurghâda	Wâdi Halfa 13h	Kareima 12h 30m	Khartûm	Kassala 13h	El Obeid 12h 30m	Malakal 13h	Juba 13h
03 30 20	03 31 15				03 02 05		03 32 15	09 09 05		09 27 05	09 01 10	09 24 20	09 24 20
06 30 20	06 33 25				06 01 10			15 08 10		15 28 05	15 03 15	15 23 20	15 25 15
09 31 20	09 33 20				09 01 10			21 09 05		21 32 15	21 03 20	21 22 20	21 12 20
15 31 30	12 30 15				15 09 20			27 08 05		27 03 10	33 05 50	27 19 15	27 08 35
21 31 35	15 32 35				21 10 30			33 07 05		33 36 05	39 02 60		33 06 30
30 30 35	18 32 40				27 15 25			39 36 05		39 10 10			39 07 30
45 33 40	21 29 25				30 14 25								
	24 28 35												
	27 28 40												

Upper winds on 21st

Matrûh 7h	Mariut 7h	Port Saïd 6h 30m	Helwân 9h	Minya 7h 15m	Asyût 7h	Luxor 7h	Aswân 7h	Wâdi Halfa	Abu Hamad 7h	Kareima 7h 15m
03 31 10	03 35 10	03 03 05	02 02 25	06 36 70	02 01 35	03 01 10	02 36 15		09 09 35	09 05 40
06 33 15	06 36 10	06 36 10	05 03 20	09 36 65	05 01 65	06 03 15	05 06 10		15 08 50	15 03 25
09 32 30	09 36 15	09 33 15	08 03 20	12 36 40	10 36 45	09 03 15	10 03 15		21 04 20	21 03 15
15 31 35	12 33 70	12 33 15	10 36 35	15 35 20	15 34 40	15 04 15	15 05 20		24 36 15	
21 32 40	15 32 65	15 30 35	15 34 45	18 33 20	20 34 35	21 05 20	20 06 15			
24 32 35		18 30 38	20 30 10	20 33 15		27 07 20	25 07 15			
		21 28 30				30 07 20				
		24 26 35				39 08 25				
						45 08 30				

Kassala 7h	Port Sûdân 7h	El Obeid 6h 45m	El Fasher	Geneina	Malakal 7h 15m
09 08 10	09 13 35	09 23 50			09 16 70
15 10 15		15 29 35			
21 09 10		21 35 20			
		24 33 20			

Upper Air Temp — Almaza at 24h G.M.T. on 20th

Height feet			
Surface	1007	60	58
500	989	60	57
1000	970	58	55
1500	952	56	52
2000	935	56	49
4000	869	54	42
6000	806	51	35
8000	747	50	34
10000	692	41	34
12000	640	35	28
14000	591	26	21
16000	545	20	17

Cyprus synoptic 3h. on 21st

34710 01873 02313 15181 10103 00100.
34810 00852 28302 16160 80303 00090.

Remarks

[illegible] R.D.S. and are [illegible]

Mean of Day

Station	Humidity on 20th	Diff. from normal	Wet bulb temp on 20th	Diff. from normal
Alexandria	74	+6	15.7	-0.3
Ezbekiya	66	+13	16.6	+0.6
Giza	64	+9	15.8	0.0
Helwân	50	+10	15.2	+1.2

Giza — Grass minimum temp. 21st —

Cairo — Water temp. River Nile 21st 21.8°

21-4	984	926
20-4	868	926

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal
Juba					
Nasser				5.01	-0.43
Malakâl		9.54	-0.56	9.56	-0.54
J. Aulia Res				374.31	
J. Aulia D.S				371.64	+0.78
Roseires	21st	11.69	+0.39	11.70	-0.39
Sennar Res.		15.62		15.69	
Khartum				10.43	+0.23
Khashm el Girba					
[illegible]		10.37	+0.40	10.38	+0.40
[illegible]		132.59	+0.73	132.58	+0.72
Aswân Res.		120.11		120.16	
Aswân D.S		85.13	-0.45	84.92	-0.66
Roda (Cairo)		15.66	+0.17	15.68	+0.18

Present Weather (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	[illegible]
Distant Duststorm	[illegible]
Squally	[illegible]
Slight Duststorm	[illegible]
Rain in last hour	20-29
Slight Thunderstorm	38
Heavy Thunderstorm	39
Duststorm	[illegible]
Fog or Thick Haze	40-[illegible]
Fog in last hour	[illegible]
Thick	[illegible]
Fog in patches	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
Snow	83, 84
Sleet	85, 86
Hail	88, 89
Thunderstorm	90-99

Past Weather (W)

Clear, slight cloud; Variable sky; Mainly overcast; Sandstorm or Duststorm; Fog or thick dust; Drizzle; Rain; Snow; Showers; Thunderstorm

Visibility (V)

Objects not visible at 25 metres 0 … 500 … 2 … 3 … 4 … 5 … 6 … 7 … 8 … visible over … 9

Cloud Amount (N)

[illegible]

Wind Force (F)

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

Wind Direction (DD)

8 on Scale of 32 … 08 = East, 16 = South, 24 = West, 32 = North, 00 = Calm

Cloud Form (C)

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

Time of Sunrise 05 21 h. m.
Sunset 18 26

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on SUNDAY 21st — الساعة ١٤ يوم الأحد ٢١ / At 20h. on 21st — الساعة ٢٠ يوم الأحد ٢١

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
SALUM																							130
MATRUH	00	9	32	2	1	3	8	18.3	18.0	75	0	01	8	32	2	0	4	8	17.5	17.0	76	0	131
MARIUT	01	8	28	3	1	3	8	18	21	57	-	00	7	32	1	0	0	—	17	16	77	0	150
ALEXANDRIA	01	9	02	2	2	3	8	17.6	21.8	61	0	01	5	04	2	2	4	8	17.2	17.0	65	0	132
DAMIETTA	00	8	30	3	1	2	8	16.3	20.1	79	c	00	7	30	2	1	3	8	16.4	17.0	86	0	159
PORT SAID	01	6	32	3	1	3	4	16.6	22.8	60	0	00	8	32	3	0	2	8	16.7	17.3	78	0	134
EL ARISH																							135
DAMANHUR	01	7	04	3	1	3	8	16.6	21.8	50	0	01	7	04	3	1	3	8	17.0	16.2	78	0	136
MANSURA	01	8	32	1	1	4	8	16.2	25.0	39	0	00	6	02	1	1	0	—	16.7	16.8	77	0	137
TANTA																							138
ZAGAZIG	01	6	28	3	1	4	8	—	24.8	44	0	00	6	32	3	1	0	—	—	17.5	78	0	139
SHEBIN EL KOM	01	8	04	2	1	4	8	15.8	26.1	41	0	00	7	02	2	1	0	—	15.8	17.1	72	0	—
ALMAZA	01	7	02	2	1	4	8	16.2	25.2	39	0	00	7	04	4	1	0	—	15.6	20.8	52	0	141
EZBEKIYA	01	8	32	3	0	3	1	15.6	24.8	43	0	00	7	30	3	0	0	—	17.0	19.8	60	0	—
GIZA	00	8	02	2	1	1	8	15.4	24.3	41	0	00	7	02	2	1	0	—	16.3	19.6	57	0	—
HELWAN	01	7	32	2	1	5	1	14.8	24.5	32	0	00	6	32	4	1	0	—	15.6	20.8	49	0	143
SUEZ	01	9	30	2	1	6	1	15.2	25.9	31	0	00	9	32	3	0	0	—	16.3	20.0	57	0	144
FAIYUM	01	8	30	3	1	4	2	13.8	25.5	37	0	01	8	32	1	1	4	2	15.4	21.1	52	0	153
MINYA	00	8	32	4	1	0	—	14.6	28.0	25	0	00	8	32	3	1	0	—	14.4	21.6	48	0	154
ASYUT	00	8	28	3	1	0	—	13.0	29.1	19	0	00	6	30	2	0	0	—	13.0	24.1	32	0	155
NAG HAMADI	00	8	24	1	0	0	—	10.3	33.3	16	0	00	8	24	1	0	0	—	11.6	24.4	31	0	164
QENA	01	8	26	2	1	4	3	8.8	37.0	15	0	01	6	26	2	1	5	4	10.0	28.8	18	dr	156
LUXOR	02	7	30	2	2	5	3	10.0	37.0	22	0	00	6	28	3	0	0	—	11.0	30.3	27	0	157
ASWAN	02	9	32	3	1	5	1	6.6	38.3	12	0	00	9	32	4	0	0	—	8.4	34.0	13	0	158
SIWA	00	8	00	0	0	0	—	—	28.0	39	0	00		00	0	0	0	—	—	23.0	44	0	148
BAHARIYA	00	9	00	0	0	0	—	15.2				00		00	0	0	0	—	15.5	—	—	0	149
KHARGA	01	9	02	4	1	3	3	11.4	30.5	26	0	00	9	32	4	0	0	—	11.5	27.4	31	0	151
DAKHLA	00	8	28	4	0	0	—	12.4	30.2	32	0	00	6	28	3	0	0	—	13.1	22.5	34	0	152
TOR	00	7	28	5	0	0	—	13.2	24.1	51	0	00	7	28	5	0	0	—	11.9	22.5	52	0	145
HURGHADA	00	9	23	5	0	0	—	13.0	27.7	34	0	00	9	28	5	0	0	—	11.4	25.1	58	0	146
QUSEIR	03	8	32	4	2	8	5	11.8	26.0	57	0	01	8	32	3	2	4	5	11.8	24.4	62	0	147
PORT SUDAN	01	8	04	3	1	4	2	7	36	56													248
WADI HALFA	02	8	02	2	1	6	2	5	41	15													165
KAREIMA	00	8	04	1	0	2	1	3	43	09													166
ATBARA	00	8	28	1	0	0	—	1	43	12													167
KHARTUM	00	8	30	2	0	0	—	2	43	12													209
KASSALA	01	8	14	2	0	4	8	98	43	12													170
WAD MEDANI	00	8	24	4	0	2	8	1	42	14													171
RENK	00	9	18	3	0	0	—	—	39	23													182
ROSEIRES	00	8	20	2	0	0	—	5	39	34													172
EL OBEID																							174
EL FASHER	02	8	00	0	1	7	2	—	39	16													175
GENEINA	02	8	00	0	1	5	2	—	39	10													179
KADUGLI	01	8	20	3	1	4	4	6	38	24													187
MALAKAL	01	8	16	3	1	4	8,1	5	37	31													176
WAU	02	8	20	3	1	8	2	7	32	38													177
JUBA	02	8	12	3	1	5	8,4	6	34	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 21st

MATRUH 13h 15m	WADI HALFA 13h 15m	KAREIMA 11h 30m	KHARTUM 13h	KASSALA 13h	EL OBEID	MALAKAL 13h	JUBA 13h 15m
03 33 20	09 03 10	09 05 05	09 35 15	09 16 05		09 19 20	09 17 10
06 32 20	15 06 25	15 03 10	15 14 10	15 15 05		15 19 20	15 13 15
09 31 20	21 02 05	21 35 10	21 08 10	21 13 05		21 19 25	21 12 20
12 31 20	27 05 05	27 36 10	24 07 10	27 14 15		24 21 15	27 09 30
15 31 25	33 31 15	33 34 05	30 04 05	33 05 05		30 21 20	33 07 35
18 30 35	39 30 30	39 35 05	39 01 10	39 03 05			39 06 35
21 30 35							
24 31 40							
27 30 30							

Station	21st	Diff. from normal	21st	Diff. from normal
	61	-7	15.8	-0.3
	58	+5	16.1	0.0
	60	+5	15.5	-0.3
	48	+8	14.7	+0.6

Grass minimum temp.: 22nd 21.5°

Gauge	Date	Reading	Diff from normal	Previous day Reading	Diff from normal
	1946	m.	m.	m.	m.
Juba					
Nasser		4.96	-0.48	4.98	-0.46
Malakal		9.55	-0.55	9.54	-0.56
J. Aulia Res	22-4-46				
J. Aulia D.S					
Roseires		11.64	+0.34	11.69	+0.39
Sennar Res		15.63	—	15.82	—
Khartum		10.42	+0.24	10.42	+0.23
Khashm el Girba					
		10.36	+0.39	10.37	+0.40
		132.59	+0.73	132.59	+0.73
		120.00	—	120.11	—
		85.15	-0.44	85.13	-0.45
		15.66	+0.17	15.66	+0.17

22-4	984	926
21-4	984	926

At 8h. on MONDAY 22nd — الساعة ٨ يوم الأثنين 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.	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
SALUM												—		—				96
MATRUH	01	9	00	0	1	4	8	16.3	+1.6	18.0	20	-3	12	-2	69	0	90	158
MARIUT	01	8	32	2	0	5	6	16		18	21	—	14	—	52	0	181	138
ALEXANDRIA	01	9	00	0	2	4	8	15.8	+1.5	17.8	22	-2	15	-1	63	0	165	183
DAMIETTA	01	8	28	2	1	4	8	15.4	+1.3	17.9	21	—	15	—	72	0	68	103
PORT SAID	01	8	02	2	1	4	8	15.4	+2.2	17.5	23	-1	15	-1	66	0	45	76
EL ARISH																	51	90
DAMANHUR	01	6	04	2	1	3	8	15.2	+1.1	17.8	23	-5	13	0	82	0	81	97
MANSURA	00	8	02	1	0	0	—	15.9	+1.5	17.8	26	-2	10	-3	68	0	27	51
TANTA																	59	38
ZAGAZIG	00	6	04	2	0	0	—	16.5	+2.1	12.2	26	-3	10	-2	69	0	9	26
SHEBIN EL KOM	00	8	02	1	0	0	—	15.4	+1.0	17.8	27	—	11	—	73	0	19	
ALMAZA	00	7	04	2	0	0	—	16.5	+1.9	16.5	26	—	12	—	72	0	3	
EZBEKIYA	01	6	02	3	0	3	8	15.6	+1.4	17.5	26	-3	13	-1	70	0	3	24
GIZA	09	7	04	2	1	2	8	15.5	+1.2	17.8	25	-4	12	+1	65	0	15	24
HELWAN	01	7	02	3	0	3	8	15.2	+1.4	16.9	26	-5	14	-1	62	0	4	27
SUEZ	01	9	32	2	1	5	4	15.9	+2.1	18.0	27	-2	13	-3	69	0	—	16
FAIYUM	01	8	02	4	0	4	8	15.0	+1.0	17.4	26	-5	13	-1	27	0	8	8
MINYA	00	9	32	2	0	0	—	14.0	+0.7	19.8	28	-3	14	0	57	0	dr.	—
ASYUT	00	7	28	1	0	0	—	13.4	+0.1	18.2	30	-2	13	-3	69	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	12.2	-0.4	19.4	34	—	13	—	66	0	1	—
QENA	01	7	26	2	1	3	1	11.4	-0.6	25.0	38	+2	16	-1	34	dr.	13	—
LUXOR	00	7	14	1	0	0	—	11.8	-0.4	26.0	38	+2	16	-1	36	0	0	—
ASWAN	00	9	02	4	0	0	—	10.2	-1.8	23.6	39	+3	21	+1	27	0	dr.	—
SIWA	00	7	00	0	0	0	—	16.8	+1.7	19.0	30	0	14	+1	72	0	1	8
BAHARIYA	00	9	00	0	0	0	—	17.0	+2.4	17.0	30	-1	—	—	70	0	0	7
KHARGA	01	9	32	6	1	4	3	12.4	-0.4	21.3	32	-2	18	+1	49	0	1	—
DAKHLA	00	7	02	2	0	0	—	13.6	+0.2	20.4	31	-4	18	+2	58	0	0	—
TOR	00	7	28	4	0	0	—	11.5	-0.4	19.9	25	-3	19	+2	64	0	0	13
HURGHADA	00	9	30	5	0	0	—	11.9	-0.1	20.0	28	-1	20	+3	48	0	1	3
QUSEIR	01	8	32	6	1	4	2	10.7	-1.1	23.0	28	0	21	0	52	0	11	4
PORT SUDAN	02	8	30	3	1	5	6	8		29					79	0	17	96
WADI HALFA	00	8	02	4	0	0	—	9		26					18	0	tr.	—
KAREIMA	00	7	04	4	0	0	—	5		33					19	0	7	1
ATBARA	00	8	08	2	0	0	—	4		32					29	0	2	3
KHARTUM	18	4	16	4	0	0	—	4		32					29	0	3	4
KASSALA	00	8	14	2	0	0	—	5		32					28	0	31	11
WAD MEDANI	18	6	18	5	0	0	—	6		33					36	0	13	14
RENK	00	9	20	3	0	0	—	5		30	—		—		49	—	—	54
ROSEIRES																1	83	49
EL OBEID	02	9	14	4	1	5	4	6		36					27	0	44	18
EL FASHER	01	8	02	2	1	4	1	—	—	31					31	0	2	6
GENEINA								—			—		—				—	6
KADUGLI	02	8	20	3	1	6	1	8		32					41	—	—	100
MALAKAL	02	9	16	2	6	8	6,4	10?		22					88	12	182	114
WAU	00	8	20	2	0	0	—	—		23					—	0	113	216
JUBA	64	8	23	3	6	8	9	13		22					94	16	245	267

Upper Winds are in the Code HHDDVV where HH is Height 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 7h	MARIUT 6h 45m	PORT SAID	HELWAN	MINYA	ASYUT	LUXOR 7h	ASWAN	WADI HALFA 7h	ABU HAMAD 7h	KAREIMA	KHARTUM
03 32 20	03 35 15					03 36 05		03 02 35	09 06 30		
06 31 25	06 35 15					06 35 15		09 03 40	15 04 40		
09 31 30	09 34 20					09 01 20		15 33 10	21 35 20		
						15 36 30		21 32 15	27 36 20		
						21 27 45		27 33 30			
						30 27 55		33 33 35			
						45 28 55					
						48 28 50					

KASSALA 7h	PORT SUDAN 7h	EL OBEID 7h	EL FASHER	GENEINA	MALAKAL 7h
09 19 35	03 01 20	09 26 65			09 16 20
15 19 20	06 02 30	15 30 40			12 15 15
21 21 30		21 33 35			15 11 10
27 14 05		27 01 30			27 36 15
33 36 30		33 03 25			33 02 25
39 27 10		39 04 30			36 02 30
		45 04 25			
		51 04 30			

UPPER AIR TEMP. ALMAZA AT 23 G.M.T. ON 21st

Height feet	PPP	TT	UU
Surface	1007	60	56
500	989	58	55
1000	971	55	53
1500	953	54	51
2000	936	51	49
4000	870	51	40
6000	807	48	33
8000	746	44	29
10000	692	41	29
12000	640	33	24
14000	591	27	22
16000	545	18	15

22nd
34700 00890 02300 14181 20104 00090
34920 00961 24501 1418X K03c1 00090

PRESENT WEATHER ww
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog
Thin Haze
Dust Devils
Distant Lightning
Light Mist
Distant Fog
Rain in sight
Distant Thunderstorm
Squalls
Slight Thunderstorm
Heavy Thunderstorm
Duststorm
Fog or Thick Haze
Fog, Fog in last hour
Thick
Fog in patches
Drizzle 50-59
Rain 60-69
Rain and Fog
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
Snow 83, 84
Sleet 85, 86
Hail 88, 89
Thunderstorm 90-99
with Hail 96
with Duststorm 98
Heavy 99

PAST WEATHER
Clear, slight cloud
Variable sky
Mainly overcast
Sandstorm, Duststorm
Fog, thick dust haze
Drizzle
Rain
Snow, sleet
Showers
Thunderstorm

WIND FORCE
Calm 0
Very light 1
Light 3
Moderate 13-20 4
Fresh 27-35 5
Strong 36-44 6
Very strong 45-54 7
Gale 55-65 8
Strong gale 66-77 9
Whole gale 78-90 10
Storm 91-104 11
Hurricane above 104 12

WIND DIRECTION (DD)
24 West 9 South
North

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

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

DAILY WEATHER REPORT

Cairo — Time of Sunrise h. m. 05 [illegible] — Sunset 18 2[illegible]

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on MONDAY 22nd (الساعة ١٤ يوم الاثنين ٢٢) and At 20h. on MONDAY 22nd (الساعة ٢٠ يوم الاثنين 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)	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	02	2	1	0	—	15.0	20.0	59	0	00	8	12	1	0	0	—	13.9	16.0	79	0	131
MARIUT	00	8	32	3	1	0	—	15	22	47	0	00	6	04	1	0	0	—	14	16	68	0	150
ALEXANDRIA	00	9	00	0	0	0	—	15.5	21.6	53	0	00	5	00	0	0	0	—	14.0	16.6	75	0	132
DAMIETTA	00	8	28	3	1	0	—	14.4	19.9	70	0	00	7	02	3	0	0	—	13.9	17.0	85	0	159
PORT SAʿÎD												00	8	32	3	0	0	—	13.8	17.4	74	0	134
EL ʿARÎSH												00	7	30	1	0	0	—	—	17.1	58	0	135
Lower Egypt																							
DAMANHÛR	01	7	04	2	1	3	8	15.2	24.0	48	0	00	6	08	3	0	0	—	13.9	16.0	78	0	136
MANSÛRA	01	8	02	1	1	3	8	13.6	24.6	42	0	00	6	04	2	1	0	—	14.0	17.0	76	0	137
TANTA																							138
ZAGAZIG	00	6	28	3	1	0	—	—	24.8	42	0	00	6	04	2	0	0	—	13.8	17.0	72	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	—	13.6	25.6	41	0	00	7	30	2	0	0	—	12.6	18.7	61	0	—
Middle Egypt																							
CAIRO ALMAZA	00	8	04	2	0	0	—	12.6	25.2	33	0	00	7	04	4	0	0	—	12.3	20.6	55	0	141
CAIRO EZBEKIYA	00	8	02	2	0	0	—	13.4	25.3	38	0	00	7	02	3	0	0	—	12.8	20.5	57	0	—
CAIRO GÎZA	00	8	02	3	0	0	—	12.7	24.1	33	0	00	7	04	4	0	0	—	12.6	20.4	54	0	—
HELWÂN	00	9	32	4	0	0	—	12.4	24.8	24	0	00	7	02	5	0	0	—	11.8	20.8	45	0	143
SUEZ	00	9	32	2	0	0	—	13.1	25.6	28	0	00	9	32	2	0	0	—	13.2	20.3	51	0	144
Upper Egypt																							
FAIYÛM	00	8	32	1	0	0	—	11.8	25.1	28	0	00	8	32	1	0	0	—	11.2	20.2	52	0	153
MINYA											—	00	8	32	2	0	0	—	10.8	20.4	47	0	154
ASYÛT	00	8	30	1	0	0	—	10.7	27.9	18	0	00	6	28	1	0	0	—	10.3	22.1	36	0	155
NAGʿ HAMÂDI	00	8	00	0	0	0	—	9.0	31.6	19	0	00	8	24	1	0	0	—	8.8	24.3	30	0	164
QENA	01	9	26	2	1	3	1	7.6	34.3	16	0	01	6	26	2	1	3	1	8.3	24.4	32	0	156
LUXOR	00	7	30	2	0	0	—	8.2	36.0	15	0	00	6	28	2	0	0	—	7.4	28.0	24	0	157
ASWÂN	02	9	30	3	1	5	1	6.4	34.0	—	0	00	9	00	0	0	0	—	6.2	30.0	11	0	158
Western Desert																							
SÎWA	00	8	16	2	0	0	—	14.8	28.0	51	0	00		00	0	0	0	—	—	21.0	61	0	148
BAHARÎYA	00	9	00	0	0	0	—	14.3	26.5	53	0	00		00	0	0	0	—	13.2	18.2	60	0	149
KHÂRGA	00	9	32	2	0	0	—	10.6	32.3	16	0	00	9	32	1	0	0	—	10.7	25.0	19	0	151
DÂKHLA	00	8	02	0	0	0	—	12.0	28.8	29	0	00	7	24	2	0	0	—	11.4	24.2	30	0	152
Red Sea																							
TÔR	00	7	28	5	0	0	—	13.2	24.1	51	0	00	7	28	3	0	0	—	—	22.1	66	0	145
HURGHÂDA	00	9	30	4	0	0	—	11.9	24.9	41	0	00	9	30	4	0	0	—	10.7	23.2	56	0	146
QUSEIR	00	8	32	5	1	0	—	10.2	24.8	48	0	00	8	32	4	0	0	—	7.0	22.0	62	0	147
PORT SÛDÂN	01	8	04	4	1	3	1	6	31	74	0												189
North Sûdân																							
WÂDI HALFA	00	8	32	2	0	2	2	5	37	09	0												165
KAREIMA	00	8	02	3	0	1	8	4	37	13	0												166
ATBARA	00	8	36	1	0	3	8	4	42	11	0												167
KHARTÛM	00	8	04	1	0	1	8	0	41	16	0												168
KASSALA	01	8	22	2	0	4	6	1	42	16	0												170
Central Sûdân																							
WAD MEDANI	01	8	18	2	3	4	8	99	42	17	0												171
RENK	00	9	20	3	0	0	—	1	37	27	0												182
ROSEIRES	01	7	24	1	0	4	1	—	37	35	0												172
EL OBEID	02	9	22	2	1	5	2	4	40	24	0												174
EL FÂSHER	00	8	04	4	0	0	—	—	39	16	0												175
GENEINA	00	9	10	1	0	3	8	—	37	19	0												179
KADUGLI	01	8	20	3	1	4	4	4	37	27	0												187
S. Sûdân																							
MALAKÂL	02	8	20	1	1	7	4,5	6	29	57	0												176
WÂU																							177
JUBA	02	8	00	0	5	7	4,1	9	26	74	0												178

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)	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												—		—				96
MATRÛH	00	9	24	3	1	3	8	9.6	-4.9	16.4	20	-3	11	-3	75	0	94	158
MARIUT	00	8	10	3	2	1	6	12	—	17	22	—	16	—	64	0	181	138
ALEXANDRIA	01	9	00	0	1	3	8	11.9	-2.4	19.6	23	-1	14	-2	63	0	165	183
DAMIETTA	00	8	08	4	1	2	4	11.5	-2.6	19.3	21	—	16	—	76	0	68	103
PORT SAʿÎD	01	8	04	4	1	4	4	11.4	-1.7	20.1	23	-1	16	0	69	0	45	76
EL ʿARÎSH	00	7	30	1	0	0	—	—	—	18.4	21	-4	10	-3	59	0	51	90
Lower Egypt																		
DAMANHÛR	00	6	12	3	0	0	—	11.6	-2.5	18.0	25	-3	11	-2	68	0	81	97
MANSÛRA	00	8	04	2	0	0	—	11.2	-3.1	20.0	26	-3	13	0	62	0	27	51
TANTA	00	8	08	2	0	0	—	11.0	-3.4	17.0	27	-2	9	-3	80	0	59	39
ZAGAZIG	00	6	04	3	0	0	—	11.7	-2.7	18.5	25	-4	11	-1	71	0	4	26
SHEBÎN EL KÔM	00	8	04	2	0	0	—	10.8	-3.6	17.1	26	—	11	—	71	0	19	—
Middle Egypt																		
CAIRO ALMAZA	05	6	08	5	0	0	—	10.0	-4.2	17.6	26	—	12	—	68	0	3	—
CAIRO EZBEKIYA	05	6	04	4	0	0	—	10.2	-4.0	18.5	26	-4	12	-2	62	0	3	24
CAIRO GÎZA	09	7	02	3	0	0	—	10.6	-3.6	18.0	25	-5	9	-2	60	0	15	24
HELWÂN	00	7	04	4	0	0	—	9.4	-4.4	18.3	26	-4	13	-2	43	0	4	27
SUEZ	00	9	30	2	0	0	—	11.1	-2.7	18.3	27	-2	13	-3	48	0	—	16
Upper Egypt																		
FAIYÛM	00	8	32	3	0	0	—	9.9	-4.0	17.8	26	-5	12	-2	55	0	8	8
MINYA	00	9	32	2	0	0	—	9.5	-3.8	19.0	28	-3	12	-2	56	0	dr	—
ASYÛT	00	7	28	1	0	0	—	9.5	-3.7	19.1	30	-2	11	-5	50	0	tr	4
NAGʿ HAMÂDI	00	8	00	0	0	0	—	9.0	-3.5	19.7	33	—	12	—	50	0	1	—
QENA	00	7	24	2	0	0	—	8.7	-3.2	21.0	36	0	15	-2	41	0	13	—
LUXOR	00	7	28	2	0	0	—	8.6	-3.6	24.4	37	~~0~~	13	~~-4~~	31	0	0	—
ASWÂN	00	9	32	3	0	0	—	7.5	-4.4	22.8	36	0	20	0	19	0	dr	—
Western Desert																		
SÎWA	00	7	08	2	0	0	—	9.9	-5.2	18.0	29	-2	12	-1	62	0	1	8
BAHARÎYA	00	9	00	0	0	0	—	11.2	-3.3	19.0	28	-4	13	-1	63	0	0	7
KHÂRGA	00	9	02	1	0	0	—	9.8	-2.9	21.5	33	-2	15	-2	37	0	1	—
DÂKHLA	00	8	00	0	0	0	—	11.4	-1.9	26.8	30	-5	15	-1	42	0	0	—
Red Sea																		
TÔR	00	7	00	0	0	0	—	8.8	-3.0	22.1	25	-4	14	-3	46	0	0	13
HURGHÂDA	00	9	30	5	0	0	—	12.0	0.0	21.7	26	-4	14	-3	58	0	1	3
QUSEIR	00	8	32	3	0	0	—	7.8	-4.0	24.5	27	-1	18	-3	48	0	11	4
PORT SÛDÂN	00	8	32	1	0	3		7		28					70	0	17	96
North Sûdân																		
WÂDI HALFA	01	8	32	2	1	4	1	6		27					15	0	tr	—
KAREIMA	00	8	06	1	0	0	—	4		32					17	0	7	1
ATBARA	00	8	08	2	0	0	—	4		32					31	0	2	3
KHARTÛM	00	7	16	3	0	0	—	3		33					32	0	3	5
KASSALA	00	8	00	0	0	2	1	3		35					30	0	31	11
Central Sûdân																		
WAD MEDANI	00	9	16	1	0	0	—	4		32					36	0	13	14
RENK	00	9	20	3	0	0	—	4		30		—		—	49	—	—	54
ROSEIRES	01	7	16	1	0	5	1	6		28					58	0	83	49
EL OBEID	00	7	20	5	0	0	—	3		33					32	0	44	18
EL FÂSHER	00	8	00	0	0	0	—	—	—	28					29	0	2	6
GENEINA	00	8	00	0	0	0	—	—	—	26		—		—	21	0	—	7
KADUGLI	00	7	20	2	0	3	1	6		29		—		—	40	—	—	101
S. Sûdân																		
MALAKÂL	01	8	00	0	1	5	4	7		24					84	0	182	115
WÂU	01	8	20	3	1	4	6	6		25					70	0	113	218
JUBA	01	8	14	1	1	4	1	8		25					84	0	245	271

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, VV is Velocity in kilometres per hour.

MATRÛH 13 h.	MARIUT 12 h. 45 m.	PORT SAʿÎD 12 h. 30 m.	ALMAZA	MINYA	LUXOR 13 h.	HURGHÂDA	WÂDI HALFA 12 h. 45 m.	KAREIMA 12 h. 45 m.	KHARTÛM	KASSALA 13 h.	EL OBEID 12 h. 45 m.	MALAKAL 13 h. 30 m.	JUBA 13 h.
03 05 10	03 35 10	03 35 15			03 34 10		03 02 20	03 04 10		09 22 25	09 26 15	09 16 25	09 00 00
06 36 02	06 04 05	06 30 05			06 33 15		09 04 20	07 05 15		15 24 20	15 25 10	15 11 10	15 04 15
09 30 05	09 03 15	09 32 05			09 32 10		15 33 10	15 05 15		21 22 05	21 27 10	21 11 10	21 02 15
15 31 20	12 01 10	12 01 15			15 34 20		21 31 15	21 05 15		27 26 10	27 36 15		27 05 15
21 31 20	15 34 15	15 01 15			21 27 25		27 32 25	27 01 10			30 35 10		39 10 30
30 30 25	18 32 10	18 36 20			27 25 30		33 31 30	33 35 20					
45 26 25	21 31 15	21 34 15			30 26 35		36 31 25	39 33 20					
	24 31 15	24 32 15						45 35 20					
	27 32 25	27 31 15											

Upper Winds on 23rd (الثلاثاء 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 6 h. 45 m.	MARIUT 6 h. 45 m.	PORT SAʿÎD	HELWÂN 8 h. 45 m.	MINYA 7 h.	ASYÛT 7 h.	LUXOR 7 h.	ASWÂN 7 h.	WÂDI HALFA 7 h. 30 m.	ABU HAMAD	KAREIMA 7 h. 15 m.	KHARTÛM
03 13 40	03 10 25		02 05 20	03 01 30	02 34 15	03 00 00	02 36 20	09 01 20		09 09 50	
06 11 15	06 08 25		05 06 15	06 02 30	05 36 20	06 04 15	05 03 20	15 28 20		15 07 40	
09 07 10	09 06 20		08 07 35	09 01 20	10 36 15	09 35 10	10 03 15	21 27 25		21 09 20	
15 15 10	12 05 10		10 09 25	15 33 15	15 27 15	15 29 20	15 30 30	27 25 30		27 09 15	
18 25 10	15 06 05		15 06 15	21 29 15	20 26 20	21 27 40	20 30 15	33 24 30		33 27 05	
	18 01 10		20 10 05	30 29 15		27 26 55	25 27 15			39 28 30	
	21 35 15		23 26 05							51 30 15	
	24 01 10		25 29 05								
	27 35 05		30 25 05								

KASSALA 7 h.	PORT SÛDÂN 7 h. 15 m.	EL OBEID 6 h. 45 m.	EL FASHER	GENEINA 7 h.	MALAKAL 7 h. 30 m.
09 16 05	09 36 05	09 22 15		09 23 15	09 20 30
15 22 15	15 02 15	15 24 20		15 21 15	15 16 25
21 27 02	18 03 15	21 26 20		21 12 15	21 23 35
27 12 10		27 31 20		27 12 25	
33 09 10		33 30 15		33 02 25	
				39 09 15	
				51 03 15	
				60 02 35	

Upper Air Temp. Almâza at 24 G.M.T. on 22nd

Height feet	PPP mb.	T	Td
Surface	1001.7	58	54
500	984	55	52
1000	966	56	50
1500	949	56	47
2000	931	59	41
4000	865	57	37
6000	803	53	33
8000	744	50	30
10000	689	43	25
12000	637	36	25
14000	589	27	21
16000	543	19	15

Cyprus Synoptic 8h. on 23rd

34710 00971 08301 12181 20305 00080.

34850 00952 12301 13171 01300 00110.

Remarks

Hours are Egyptian standard time, long. 30° E. and are [illegible] Greenwich mean time

	Date	1945	1935
Sunshine [illegible]	23-4	984	926
	22-4	984	926

Mean of day

Station	Humidity % on 22nd	Diff. from normal	Wet bulb temp. on 22nd	Diff. from normal
Alexandria	67	-1	14.7	-1.4
Ezbekiya	60	+7	15.7	-0.5
Gîza	57	+2	14.8	-1.1
Helwân	50	+10	13.8	-0.4

GIZA — Grass minimum temp. on 23rd — °

CAIRO — Water temp. River Nile at 8h. on 23rd 21.1°

Gauge readings (Date 1946: 23-4)

Gauge	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	—	—	—	—
Nasser	—	—	4.96	-0.48
Malakal	9.54	-0.55	9.55	-0.55
J. Aulia Res.	—	—	—	—
J. Aulia D.S.	—	—	—	—
Roseires	11.69	+0.39	11.64	+0.34
Sennar Res.	—	—	15.63	—
Khartum	10.42	+0.24	10.42	+0.24
Kh. el Girba	—	—	—	—
Atbara	10.36	+0.39	10.36	+0.39
Kajnarti	132.55	+0.69	132.59	+0.73
Aswân Res.	120.08	—	120.00	—
Aswân D.S.	85.15	-0.44	85.15	-0.44
Roda (Cairo)	15.64	+0.15	15.66	+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 metres	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	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Time of Sunrise h. 05 m. 20 — Sunset h. 18 m. 27 — Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on TUESDAY 23rd — الساعة ١٤ 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 PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	HUMIDITY % UU	RAIN 8-14h. mms	STATION NUMBER
MEDITERRANEAN — SALUM												130
MATRÛH	01	9	06	3	0	4	8	7.4	20.8	67	0	131
MARIUT	00	7	03	4	0	0	—	9	23	61	0	150
ALEXANDRIA	00	9	04	4	0	0	—	8.6	22.0	64	0	132
DAMIETTA	00	8	02	4	0	0	—	8.6	20.0	75	0	159
PORT SAÏD	00	8	02	4	0	0	—	8.4	21.0	56	0	134
EL 'ARÎSH												135
LOWER EGYPT — DAMANHÛR	00	6	12	4	0	0	—	8.6	26.4	32	0	136
MANSÛRA	00	8	04	2	0	0	—	8.0	25.8	34	0	137
ṬANṬA	00	7	32	2	0	0	—	7.5	26.7	33	0	138
ZAGAZIG	00	6	34	3	0	0	—	8.1	25.8	29	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	7.1	27.2	31	0	—
MIDDLE EGYPT — CAIRO — ALMAZA	00	8	05	3	0	0	—	6.2	28.2	27	0	141
CAIRO — EZBEKÎYA	00	8	04	4	0	0	—	6.4	27.7	25	0	—
CAIRO — GÎZA	00	8	12	2	0	0	—	6.2	28.7	25	0	—
ḤELWÂN	00	9	00	0	0	0	—	5.6	28.0	16	0	143
SUEZ	00	9	00	0	0	0	—	6.8	26.8	23	0	144
UPPER EGYPT — FAIYUM	00	8	02	1	0	0	—	6.2	27.8	20	0	153
MINYA	00	9	32	3	0	0	—	6.7	29.8	16	0	154
ASYÛṬ	00	8	28	1	0	0	—	7.0	29.4	31	0	155
NAG' HAMADI	00	8	00	0	0	0	—	5.6	32.2	18	0	164
QENA	00	9	26	2	0	0	—	5.9	35.0	15	0	156
LUXOR	00	7	32	2	0	0	—	5.5	36.0	13	0	157
ASWAN	00	9	24	1	0	0	—	4.2	36.0	14	0	158
DESERT — SIWA	00	8	12	4	0	0	—	6.6	31.0	43	0	148
BAHARIYA												149
KHARGA	00	9	16	1	0	0	—	8.0	32.0	14	0	151
DAKHLA	00	9	16	1	0	0	—	7.0	33.0	24	0	152
RED SEA — TÛR	00	7	28	3	0	0	—	7.2	24.2	55	0	145
HURGHADA	00	9	02	2	0	0	—	7.8	25.4	59	0	146
QUSEIR	00	8	32	2	0	0	—	6.2	25.6	59	0	147
PORT SUDAN	00	8	04	4	0	1	6	5	29	74		189
NORTH SUDAN — WADI HALFA	01	8	32	2	1	4	4	3	37	07		165
KAREIMA	00	8	32	1	0	3	8	99	44	12		166
ATBARA	01	8	22	1	1	4	8	99	43	13		167
KHARTUM	01	8	08	3	1	4	8	98	46	12		168
KASSALA	02	8	04	1	0	5	8	97	41	10		170
CENTRAL SUDAN — WAD MEDANI	01	9	14	4	0	4	8	—	—	—		171
RENK	00	9	20	3	0	0	—	99	39	21		182
ROSEIRES	11	6	28	1	1	8	8	2	41	28		172
EL OBEID	00	8	22	2	0	2	8	97	41	23		174
EL FASHER												175
GENEINA	01	7	16	4	0	4	8	—	38	16		179
KADUGLI	01	8	20	2	1	4	4	3	39	21		187
S. SUDAN — MALAKAL	01	8	14	2	1	4	8,4	1	37	32		176
WAU												177
JUBA	01	8	16	2	1	4	8	4	33	53		178

At 20h. on 23rd — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	HUMIDITY % UU	RAIN 14-20h. mms	STATION NUMBER
MEDITERRANEAN — SALUM												130
MATRÛH	20	8	12	3	1	0	—	4.3	18.2	73	0	131
MARIUT	00	7	07	3	0	0	—	7	18	73	0	150
ALEXANDRIA	00	8	08	3	0	0	—	7.1	17.7	73	0	132
DAMIETTA	00	8	04	3	1	0	—	8.0	18.0	90	0	159
PORT SAÏD	00	8	02	3	0	0	—	8.2	17.9	80	0	134
EL 'ARÎSH												135
LOWER EGYPT — DAMANHÛR	00	6	10	4	0	0	—	7.8	17.6	78	0	136
MANSÛRA	00	6	02	2	0	0	—	8.7	17.6	74	0	137
ṬANṬA	00	8	00	0	0	0	—	8.6	19.0	76	0	138
ZAGAZIG	00	6	34	3	0	0	—	—	18.0	73	0	139
SHEBÎN EL KÔM	00	7	02	2	0	0	—	7.0	19.1	65	0	—
MIDDLE EGYPT — CAIRO — ALMAZA	00	7	06	6	0	0	—	7.0	21.1	62	0	141
CAIRO — EZBEKÎYA	00	7	02	4	0	0	—	7.1	21.2	59	0	—
CAIRO — GÎZA	00	7	02	4	0	0	—	7.0	21.5	63	0	—
ḤELWÂN	00	7	04	6	0	0	—	6.8	22.0	43	0	143
SUEZ	00	9	30	1	0	0	—	8.4	20.6	58	0	144
UPPER EGYPT — FAIYUM	00	8	00	0	0	0	—	5.9	22.0	50	0	153
MINYA	00	9	32	2	0	0	—	6.4	24.4	27	0	154
ASYÛṬ	00	8	28	1	0	0	—	6.8	22.2	42	0	155
NAG' HAMADI	00	8	00	0	0	0	—	5.6	23.6	52	0	164
QENA	00	7	28	1	0	0	—	4.5	24.6	32	0	156
LUXOR												157
ASWAN	00	9	00	0	0	0	—	5.2	32.0	14	0	158
DESERT — SIWA	00	7	24	4	0	0	—	6.8	29.5	23	0	148
BAHARIYA	00	9	00	0	0	0	—	—	—	—	0	149
KHARGA	00	9	08	1	0	0	—	5.2	27.4	23	0	151
DAKHLA	00	8	28	1	0	0	—	5.8	27.5	23	0	152
RED SEA — TÛR	00	7	12	3	0	0	—	5.6	26.2	22	0	145
HURGHADA	00	9	12	1	2	0	—	7.8	24.1	24	0	146
QUSEIR	00	8	28	1	0	0	—	6.0	25.7	25	0	147
PORT SUDAN												189
NORTH SUDAN — WADI HALFA	01	8	32	1	1	4	4	6	27	22	0	165
KAREIMA	01	8	06	3	0	4	4	4	33	23	0	166
ATBARA	01	8	12	3	1	4	4	5	33	32	0	167
KHARTUM	01	8	14	4	1	4	4	6	30	40	0	168
KASSALA	00	8	16	3	1	3	4	6	31	38	0	170
CENTRAL SUDAN — WAD MEDANI	01	9	18	4	1	3	4	5	29	49	0	171
RENK												182
ROSEIRES											0	172
EL OBEID	18	5	12	6	1	4	4	7	29	49	0	174
EL FASHER	00	9	00	0	1	1	2	—	27	28	0	175
GENEINA	02	8	20	3	0	5	2	—	27	55	0	179
KADUGLI	02	8	12	4	1	6	4	10?	37	33	—	187
S. SUDAN — MALAKAL	61	7	16	2	6	8	8,4	11	21	100	31	213	116
WAU	02	8	12	3	1	8	8,4	9	27	66	0	113	220
JUBA	62	8	24	1	9	8	8,4	13	21	94	69	314	275

Upper Winds are in the Code HHDDVV where HH is Height above 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	ALMAZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KARE MA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
	13 m	12 h 30 m	12 h 45 m	m	13 h m	13 h m	h m	13 h m	h m	h m	13 h m	13 h m	14 h 15 m	h m
	03 09 20	03 08	15 03	05 30	03 01	05 03	27 05	09 11	05 09	29 05	09 06	05 09	30 05	09 18 35
	06 11 20	06 14	20 06	06 25	06 21	05 06	26 05	15 28	20 15	28 15	15 05	10 15	29 10	15 11 20
	09 10 20	09 13	25 09	10 20	09 01	05 09	25 05	21 25	30 21	35 05	21 04	20 21	29 25	21 20 20
	15 19 15	12 14	10 12	14 20	12 29	10 15	28 30	27 24	35 27	18 05		✓ 27	26 20	27 22 20
	18 22	18 15	04 05	15 14	10 15	28 20	21 26	30 33	27 40	33 16	10	33	13 20	
		18 20	03 18	18 05	18 28	20 27	25 60		27 35	39 13	10	39	11 10	
		21 21	05 21	22 10	21 28	20						51	16 20	
		24 24	10 24	16 15	24 28	20								
		27 30	15 27	18 20	27 26	20								

Remarks

Hours are in 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
Alexandria	66	- 2	16.9	+ 0.7
Ezbekiya	56	+ 4	15.8	- 0.5
Giza	59	+ 5	16.0	0.0
Helwân	39	- 1	13.8	- 0.5

GIZA — GRASS MINIMUM TEMP ON °C

CAIRO — WATER TEMP AT 9h; RIVER NILE ON 24 6h; 21.4 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	24 - 4			12.86	- 0.51
Nasser					
Malakâl				9.54	- 0.55
J. Aulia Res				374.16	—
J. Aulia D.S				377.59	+ 0.73
Roseires		11.83	+ 0.52	11.67	+ 0.39
Sennar Res.				15.62	—
Khartum				10.62	+ 0.24
Kh. el Girba					
Atbara		10.36	+ 0.39	10.36	+ 0.39
Kajnarti				132.55	+ 0.69
Aswân Res.		120.09	—	120.08	—
Aswân D.S.		88.14	- 0.48	85.15	- 0.44
Roda (Cairo)		15.62	+ 0.13	15.64	+ 0.15

Discharges at Aswan measured by Nilometer in m³ per sec.

DATE	1946	1945
24 - 4	984	926
23 - 4	984	926

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

At 8h. on WEDNESDAY 24th — الأربعاء ٢٤ 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	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	TEMPERATURE MAXIMUM Yesterday °C MM	TEMPERATURE MAXIMUM Diff. from norm °C	TEMPERATURE MINIMUM Today °C mm	TEMPERATURE 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 — SALUM												—		—				96
MATRÛH	00	9	26	3	0	0	—	3.5	- 11.0	19.0	24	+ 1	16	+ 2	63	0	90	158
MARIUT	01	8	11	3	1	4	4,5	5		20	25	—	15	—	86	0	181	138
ALEXANDRIA	01	8	12	2	2	4	4	4.7	- 9.5	18.5	25	+ 1	15	- 1	69	0	155	183
DAMIETTA	01	7	08	2	1	4	4	5.2	- 8.8	21.1	21	—	16	—	80	0	68	103
PORT SAÏD	02	8	10	2	2	5	4	5.4	- 7.7	21.2	23	- 2	17	+ 1	69	0	45	76
EL 'ARÎSH																	61	90
LOWER EGYPT — DAMANHÛR	02	6	16	2	2	6	5	5.0	- 9.1	19.0	28	0	14	+ 1	78	0	61	97
MANSÛRA	01	8	08	1	1	4	c	5.2	- 9.1	21.0	26	- 3	13	0	65	0	27	51
ṬANṬA	02	7	00	0	2	5	8	5.4	- 9.0	19.5	28	- 1	14	+ 2	72	0	59	39
ZAGAZIG	02	6	08	2	0	5	8	6.0	- 8.3	19.0	30	+ 1	14	+ 2	64	0	9	26
SHEBÎN EL KÔM	01	8	04	2	1	4	8	3.8	- 10.6	19.2	28	—	14	—	66	0	19	—
MIDDLE EGYPT — CAIRO — ALMAZA	05	6	11	1	1	5	4,5	4.3	- 9.8	21.1	29	—	15	—	56	0	3	—
CAIRO — EZBEKÎYA	05	5	16	1	1	6	8	4.4	- 9.7	22.1	29	- 1	16	+ 1	49	0	3	24
CAIRO — GÎZA	05	5	16	1	1	6	8	4.6	- 9.6	22.0	29	- 1	12	0	65	0	15	24
ḤELWÂN	05	6	10	1	2	5	4	4.4	- 9.3	24.4	30	0	16	+ 1	33	0	4	27
SUEZ	01	9	16	1	1	4	3	6.6	- 7.1	21.8	31	+ 1	15	- 1	58	0	—	16
UPPER EGYPT — FAIYÛM	02	8	00	0	2	5	6	5.2	- 8.6	20.8	30	- 1	15	+ 1	43	0	8	8
MINYA	01	7	16	2	1	6	4	4.8	- 8.4	23.6	31	- 1	16	+ 2	28	0	cr.	—
ASYÛṬ	01	7	12	1	1	3	4	5.6	- 7.3	24.0	32	0	16	0	33	0	4	4
NAG' HAMÂDI	00	8	00	0	0	0	—	5.8	- 6.6	24.3	33	—	15	—	46	0	1	—
QENA	01	7	08	1	0	3	1	5.1	- 6.7	24.6	37	+ 1	15	- 2	16	0	13	—
LUXOR												—		—			9	—
ASWÂN	00	9	32	1	0	0	—	5.6	- 6.3	27.8	38	+ 1	21	0	18	0	cr.	—
DESERT — SÎWA	00	7	24	4	0	0	—	6.8	- 8.2	20.0	33	+ 2	10	+ 3	72	0	1	8
BAHARÎYA	00	9	00	0	0	0	—	—	—	—	—	—	—	—		0	0	7
KHÂRGA	00	9	08	1	0	0	—	5.2	- 7.4	23.2	34	- 1	18	+ 1	53	0	1	—
DAKHLA	00	8	28	1	0	0	—	5.8	- 7.5	23.9	35	0	17	+ 1	32	0	0	—
RED SEA — TÛR	00	7	12	3	0	0	—	5.6	- 6.2	22.5	24	- 5	13	- 4	66	0	9	13
HURGHÂDA	00	9	12	1	2	0	—	7.8	- 4.1	24.5	27	- 3	14	- 3	60	0	1	3
QUSEIR	00	8	28	1	0	0	—	6.0	- 5.7	25.0	27	- 2	19	- 2	53	0	11	4
PORT SUDÂN																0	17	96
NORTH SUDAN — WÂDI HALFA	01	8	32	1	1	4	4	6		27					22	0	cr.	—
KAREIMA	01	8	06	3	0	4	4	4		33					23	0	7	1
ATBARA	01	8	12	3	1	4	4	5		33					32	0	2	3
KHARTÛM	01	8	14	4	1	4	4	6		30					40	0	3	5
KASSALA	00	8	16	3	1	3	4	6		31					38	0	31	11
CENTRAL SUDAN — WAD MEDANI	01	9	18	4	1	3	4	5		29					49	0	13	14
RENK												—		—		—		55
ROSEIRES																0	83	50
EL OBEID	18	5	12	6	1	4	4	7		29					49	0	44	18
EL FÂSHER	00	9	00	0	1	1	2	—	—	27					28	0	2	6
GENEINA	02	8	20	3	0	5	2	—	—	27		—		—	55	0	—	7
KADUGLI	02	8	12	4	1	6	4	10?		37		—		—	33	—	—	102
S. SUDAN — MALAKÂL	61	7	16	2	6	8	8,4	11		21					100	31	213	116
WÂU	02	8	12	3	1	8	8,4	9		27					66	0	113	220
JUBA	62	8	24	1	9	8	8,4	13		21					94	69	314	275

Upper Winds are in the Code HHDDVV where HH is Height 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 24 6h — الرياح العليا يوم ٢٤

	MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛṬ	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
	7 h 30 m	7 h m	6 h 45 m	8 h 45 m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m
	03 28 35	03 16 30	03 15 25	02 13 20	03 16 30	02 13 35	03 08 20	02 10 10	09 11 30	09 08 40	09 07 40	09 19 45
	06 28 30	06 20 35	06 18 20	05 17 35	06 17 40	05 15 40	06 11 05	05 12 20	15 19 20	15 08 40	15 07 40	15 21 35
	09 26 40	09 21 30	09 26 30	08 19 30	09 20 30	08 18 35	09 15 20	10 14 30	21 22 15	21 10 30	21 07 20	21 13 15
	12 25 60	12 23 30	12 26 35	10 21 25	12 22 35		15 16 10	15 21 15	27 27 20	27 09 40	27 23 05	24 13 20
		15 22 25	15 26 30	15 21 35	15 22 20		21 22 20	20 24 40	33 24 30	33 09 30	33 23 10	30 10 30
		18 22 30	18 29 25	20 18 40	18 19 30		27 25 45	25 27 40	39 25 40	39 10 20	39 23 10	
		21 22 40	21 23 25	23 17 30	21 19 20		30 26 55	30 27 55				
		24 23 50	24 23 30	25 18 35	24 18 40		39 27 60					
		27 22 60		29 19 40	27 20 30		45 29 70					

UPPER AIR TEMP — ALMAZA AT 23rd GMT ON 23rd

HEIGHT FEET	PPP mb	TT °C
Surface	996	64
500	978	65
1000	964	72
1500	943	70
2000	926	69
4000	860	67
6000	798	62
8000	740	53
10000	688	43
12000	633	33
14000	585	21
16000	540	12

KASSALA	PORT SUDAN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h m	h m	h m	h m	7 h m	h m
09 20 20				09 24 30	
15 20 20				15 27 35	
21 18 05				21 31 30	
27 23 10				27 01 35	
				33 02 25	
				39 04 20	

CYPRUS SYNOPTIC 8h. ON 24 6h.

34720 00991 14301 06221 10102 00110
34803 00992 26212 07190 90200 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.

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	43
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 & Tenths	4
6, 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

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

DAILY WEATHER REPORT

Time of Sunrise 05 h. 19 m.
Sunset 18 h. 28 m.

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on WEDNESDAY 24th (الساعة ١٤ يوم الأربعاء ٢٤) — **At 20h. on WEDNESDAY 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	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	3	0	0	–	4.6	20.2	77	0	02	8	28	4	0	5	8	9.1	18.2	88	0	131
MARIUT												00	7	28	3	0	0	–	6	19	73	0	150
ALEXANDRIA	01	9	30	2	2	3	4	4.4	23.2	50	0	00	5	28	2	0	0	–	6.6	18.0	80	0	132
DAMIETTA	01	7	12	2	1	4	4	4.2	28.2	50	0	00	7	28	2	1	0	–	5.1	20.4	83	0	158
PORT SA'ÎD	01	8	06	3	1	5	5	4.4	24.5	62	0	00	8	06	3	0	0	–	4.6	21.2	74	0	134
EL 'ARÎSH																							135
Lower Egypt																							
DAMANHÛR	00	6	28	4	2	0	–	3.5	33.0	28	0	00	7	28	3	0	0	–	5.8	18.2	78	0	136
MANSÛRA	01	8	24	1	1	3	0	3.8	32.5	22	0	00	6	32	2	1	0	–	5.2	21.8	50	0	137
TANTA	00	8	28	1	1	0	–	3.6	34.0	30	0	00	8	00	0	0	0	–	6.7	21.8	64	0	138
ZAGAZIG	01	6	24	2	2	5		4.6?	33.2	16	0	00	6	32	2	0	0	–	7.4	22.0	59	0	139
SHEBÎN EL KÔM	00	8	28	2	0	0	–	4.3	34.3	16	0	00	7	02	2	0	0	–	4.7	20.9	53	0	—
Middle Egypt																							
CAIRO ALMAZA	00	8	22	3	1	0	–	2.5	35.0	05	0	00	7	32	2	0	0	–	5.1	25.7	37	0	141
CAIRO EZBEKÎYA	00	9	20	4	0	0	–	2.7	34.8	12	0	00	6	30	4	0	0	–	6.0	24.9	43	0	—
CAIRO GÎZA	00	8	20	2	0	0	–	3.0	36.0	10	0	00	7	28	3	0	0	–	4.6	23.9	41	0	—
HELWÂN	00	8	18	2	0	0	–	2.7	35.0	05	0	00	6	32	5	0	0	–	5.1	27.0	22	0	143
SUEZ	02	9	16	1	2	5	5	4.6	27.0	37	0	00	9	16	2	0	0	–	2.8	24.0	46	0	144
Upper Egypt																							
FAIYÛM	01	8	26	2	1	3	6	2.2	36.4	28	0	00	6	24	2	0	0	–	5.1	25.8	35	0	153
MINYA	02	8	16	3	1	5	5	2.6	36.8	11	0	01	8	24	2	1	4	4	5.0	27.0	25	0	154
ASYÛT	02	7	20	2	1	5	8	4.2	36.0	10	0	01	6	22	1	1	4	8	6.7	28.2	21	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	3.4	37.0	21	0	00	8	00	0	0	0	–	4.4	29.0	27	0	164
QENA	02	8	26	2	1	5	3	3.4	37.2	13	0	02	6				5	3	4.4	30.4	20	0	156
LUXOR	02	7	26	2	2	6	3	4.3	36.2	16	0	00	6	28	2	0	0	–	6.7	30.6	23	0	157
ASWÂN	01	9	16	1	1	0	–	1.1	41.0	11	0												158
Western Desert																							
SÎWA	00	8	28	4	0	0	–	7.9	28.0	57	0	00		28	5	0	0	–	14.0	24.0	63	0	148
BAHARÎYA	00	9	00	0	0	0	–	—	29.0	40	0												149
KHÂRGA	01	9	24	1	1	4	8	4.3	33.4	28	0	00	9	32	1	0	0	–	5.1	28.2	49	0	151
DÂKHLA	00	7	28		0	0	–	5.5	33.1	20	0	00	6	28	4	0	0	–	—	25.0	28	0	152
Red Sea																							
TÔR	00	7	16	4	0	0	–	4.7	26.2	66	0	00	7	16	6	0	0	–	6.0	22.5	37	0	145
HURGHÂDA	00	4	21	3	0	0	–	—	26.7	62	0	00	9	12	6	0	0	–	—	25.1	67	0	146
QUSEIR	00	8	02	2	1	0	–	6.2	26.4	69	0	01	8	04	2	2	4	5	6.4	26.3	65	0	147
PORT SÛDÂN	00	8	08	3	0	2		6	32	52	0												189
North Sûdân																							
WÂDI HALFA	00	8	20	3	0	2	8	0	46	06	0												165
KAREIMA	00	7	18	3	0	1	8	1	45	14	0												166
'ATBARA	01	8	10	2	1	4	8	1	44	13	0												167
KHARTÛM	05	6	18	3	3	0	–	2	40	41	0												168
KASSALA	00	8	20	1	0	2	8,1	0	41	18	0												170
Central Sûdân																							
WAD MEDANI	01	8	24	3	1	4	8	1	41	17	0												171
RENK	01	8	20	3	0	3	8	5	32	41	0												182
ROSEIRES																							172
EL OBEID	18	5	16	5	1	5	8,2	4	37	33	0												174
EL FÂSHER	06	9	20	2	1	5	8,4	—	42	15	0												175
GENEINA																							179
KADUGLI	02	8	20	3	9	6	8	—	22	50	0												187
S. Sûdân																							
MALAKÂL	02	9	20	4	6	8	4,5	11	24	84	0												176
WÂU																							177
JUBA																							178

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	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												—		—				96
MATRÛH	01	9	28	3	2	4	8	14.8	+0.4	18.8	21	−2	17	+3	70	0	90	158
MARIUT	00	7	28	3	1	3	6	13	—	19	30	—	11	—	64	0	181	138
ALEXANDRIA	01	9	28	2	2	4	4	13.9	−0.3	19.2	27	+3	16	0	68	0	165	183
DAMIETTA	01	8	28	4	1	3	8	11.8	−2.2	20.4	29	—	18	—	73	0	68	163
PORT SA'ÎD	02	8	22	3	2	7	9	12.2	−0.9	20.3	25	+1	18	+2	72	0	45	76
EL 'ARÎSH																	51	91
Lower Egypt																		
DAMANHÛR	01	7	04	3	1	4	8	13.1	−1.0	19.8	33	+5	16	+3	72	0	81	98
MANSÛRA	01	8	30	2	1	4	8	12.4	−1.9	20.8	36	+7	16	+3	67	0	27	51
ṬANṬA	01	8	28	2	1	4	8	13.4	−0.9	20.3	35	+6	14	+2	65	0	59	39
ZAGAZIG	02	6	24	2	2	5	8	—	—	21.0	33	+9	15	+2	67	0	9	26
SHEBÎN EL KÔM	00	8	30	2	0	2	8	12.2	−2.2	20.4	36	—	16	—	68	0	19	—
Middle Egypt																		
CAIRO ALMAZA	05	6	20	1	2	6	6	13.0	−1.0	19.8	36	—	17	—	69	0	3	—
CAIRO EZBEKÎYA	02	6	26	2	1	6	8	13.4	−0.6	19.8	36	+6	17	+2	69	0	3	24
CAIRO GÎZA	09	7	30	3	1	5	8	13.4	−0.7	19.8	37	+7	16	+4	70	0	15	24
ḤELWÂN	05	6	30	3	2	5	8	13.8	+0.1	18.7	36	+6	16	+1	65	0	4	27
SUEZ	01	9	28	2	1	3	2	13.8	+0.1	20.0	29	−1	17	+1	62	0	—	16
Upper Egypt																		
FAIYÛM	02	8	32	3	2	5	6	13.8	0.0	19.8	37	+6	17	+2	65	0	8	8
MINYA	00	9	32	3	0	0	–	13.6	+0.5	20.0	37	+5	16	+1	66	0	dr	—
ASYÛT	00	7	30	2	0	0	–	13.4	+0.4	20.9	38	+6	16	0	62	0	0	4
NAG' HAMÂDI	00	8	24	1	0	0	–	10.8	−1.6	24.0	38	—	19	—	42	0	1	—
QENA	01	7	26	3	1	4	1	10.7	−1.0	26.0	41	+5	21	+3	33	dr	13	—
LUXOR	00	7	28	2	0	0	–	11.1	−0.9	29.0	41	[illegible]	25	[illegible]	31	0	0	—
ASWÂN	01	9	32	4	1	4	4	9.8	−2.0	27.0	41	+4	25	+4	15	0	dr	—
Western Desert																		
SÎWA	00	7	00	0	0	0	–	15.8	+0.8	17.0	30	−1	13	0	88	0	1	8
BAHARÎYA	01	9	00	0	1	4	–	15.4	+1.0	18.5	30	−2	12	−2	58	0	0	7
KHÂRGA	00	9	32	4	0	0	–	13.8	+1.3	23.0	35	0	20	+3	46	0	1	—
DÂKHLA	00	8	28	3	0	0	–	15.2	+2.0	21.8	34	−1	17	+1	56	0	0	—
Red Sea																		
TÔR	00	7	28	4	0	0	–	9.2	−2.5	23.2	26	−3	14	−4	58	0	0	13
HURGHÂDA	00	9	28	5	0	0	–	8.9	−3.0	26.3	29	−1	14	−3	55	0	1	3
QUSEIR	02	8	06	1	2	5	5	7.9	−3.7	25.0	26	−3	17	+1	84	0	11	4
PORT SÛDÂN	00	9	12	2	0	2	4	9		31					74	0	17	96
North Sûdân																		
WÂDI HALFA	18	6	02	4	1	5	4	11		27					22	0	tr	—
KAREIMA	05	6	12	1	0	0	–	—		33					34	0	7	1
'ATBARA	01	8	20	3	1	4	4	8		35					25	0	2	3
KHARTÛM	02	7	18	5	2	5		9		30					49	0	3	5
KASSALA	01	8	12	2	1	4	4,1	11		31					43	0	31	11
Central Sûdân																		
WAD MEDANI	01	9	18	5	1	5	3	10		28					52	0	13	14
RENK	01	9	12	3	1	4	4	10		27		—		—	58	—	—	55
ROSEIRES	02	8	12	1	0	6	1	—		26					70	0	83	50
EL OBEID																	44	18
EL FÂSHER	02	9	14	3	1	6	4,2	—	—	25					70	0	2	6
GENEINA	02	9	20	1	1	7	4,2	—	—	24		—		—	61	0	—	7
KADUGLI	02	8	12	2	1	5	4	13		24		—		—	74			103
S. Sûdân																		
MALAKÂL	02	7	16	1	1	6	4,5	14		22					100	tr	213	117
WÂU																	113	242
JUBA	02	8	10	1	1	5	4,5	13		25					79	0	314	280

Upper Winds are in the Code HHDDVV where HH is Height 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

Matrûh 13 h.	Mariut 13 h.	Port Sa'îd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa 13 h. 15 m.	Kareima	Khartûm 13 h.	Kassala 13 h.	El Obeid 13 h. 15 m.	Malakal 13 h.	Juba 13 h. 30 m.
03 31 40	03 24 20						09 18 35		09 22 30	09 23 15	09 15 30	09 21 40	09 01 20
06 30 40	06 24 30						15 19 40			15 18 20	15 13 30	15 21 65	15 36 15
09 27 30	09 25 30						21 02 10			21 23 25	27 11 25	21 20 40	21 02 10
12 25 35	12 24 35						27 34 05			27 25 25		27 17 35	27 15 15
15 24 30							33 11 05			33 28 15			33 16 10
18 27 35													

Upper winds on 25th (الرياح العليا يوم ٢٥)

Matrûh 7 h.	Mariut	Port Sa'îd	Helwân 9 h.	Cairo 9 h. 15 m.	Asyût 7 h.	Luxor	Aswân 7 h.	Wâdi Halfa 7 h. 15 m.	Abu Hamad 7 h.	Kareima 7 h.	Khartûm 6 h. 30 m.
03 33 35			02 34 10	02 34 20	02 33 30		02 34 35	09 35 35	09 18 15	09 25 40	09 20 35
06 32 40			05 32 20	05 34 25	05 36 35		05 34 30	15 23 15	15 25 15	15 23 35	15 17 25
09 32 40			08 32 20	10 33 20	10 35 30		10 35 25	21 22 20	21 22 20	21 18 20	21 01 10
			Ent. Cu.	12 32 30			15 10 25		27 21 05		24 02 20
							20 20 50		33 14 20		27 02 20
							25 15 50		39 18 15		30 36 25
									51 23 10		36 36 20

Kassala 7 h.	Port Sûdân 7 h.	El Obeid	El Fâsher	Geneina 7 h.	Malakal 7 h.
09 20 25	09 15 45			09 23 15	09 18 20
21 24 35	15 15 40			15 24 10	15 15 25
27 22 30	21 15 30			21 03 30	21 17 20
33 02 10	27 14 30			27 05 40	
39 10 20				33 04 30	
45 08 25				39 07 40	
51 06 20				51 13 20	

Upper Air Temp — Almâza at 24h. G.M.T. on 24th

Height feet	PPP mb.	TT °F	Td °F
Surface	1000	64	61
500	982	59	58
1000	964	58	56
1500	947	57.5	54
2000	930	59	52
4000	864	58	47
6000	801	50	39
8000	743	42	31
10000	688	38	30.5
12000	636	32	28
14000	588	25.5	24
16000	542	19	19

Cyprus Synoptic 8h. on 25th
34700 00990 22500 06211 30405 00120.
28080 02865 26315 07181 40102 00130

Remarks

Times are Egyptian standard time, long 30 E and are two hours ahead of Greenwich mean time

Mean of day

Station	Humidity % on 24th	Diff from normal	Wet bulb temp °C on 24th	Diff from normal
Alexandria	72	+4	16.0	−0.3
Ezbekîya	42	−10	17.0	+0.6
Gîza	50	−4	17.4	+1.3
Helwân	24	−16	15.6	+1.2

Gîza — Grass minimum temp on 25th — °C

Cairo — Water temp River Nile at 9h. on 25th 21.4°C

Discharges at Aswan measured by ... m³ per sec.	Date	1946	1945
	25-4	984	926
	24-4	984	926

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25-4.			12.60	−0.78
Nasser		—	—	4.93	−0.51
Malakâl		9.53	−0.55	9.53	−0.56
J. Aulia Res		—	—	374.13	—
J. Aulia D S		—	—	371.52	+0.66
Roseires		11.66	+0.34	11.83	+0.52
Sennar Res.		—	—	15.61	—
Kharṭûm		10.41	+0.22	10.42	+0.24
Kh. el Girba		—	—	—	—
'Atbara		10.36	+0.39	10.36	+0.39
Kajnarti		132.56	+0.69	132.56	+0.70
Aswân Res.		120.08	—	120.09	—
Aswân D S		85.14	−0.46	85.14	−0.45
Roda (Cairo)		—	—	15.02	+0.13

PRESENT WEATHER 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	46
Drizzle	50-59
Rain	60-69
Rain and Fog	57
Rain and Snow	58, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	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 05 h 18 m
Sunset 18 h 29 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on THURSDAY 25th — الساعة ١٤ يوم الخميس ٢٥ / At 20h. on THURSDAY 25th — الساعة ٢٠ يوم الخميس ٢٥

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
Matruh	01	9	28	3	1	4	8	16.3	19.4	70	0	00	8	28	1	1	0	—	17.0	16.2	79	0	131
Mariut												00	7	28	2	1	1	6	16	17	77	0	150
Alexandria	01	9	30	4	2	4	8	15.2	21.0	60	0	00	5	30	2	0	0	—	—	17.0	76	0	132
Damietta	01	8	28	4	0	3	8	13.5	20.4	67	0	00	7	28	3	1	2	8	15.0	17.3	78	0	159
Port Saîd	14	7	28	6	3	3	4	13.6	22.8	60	0	14	8	30	5	3	5	6	15.6	18.0	73	0	134
El 'Arîsh																							135
Lower Egypt																							
Damanhûr	00	7	04	4	1	2	8	14.6	22.3	47	0	00	7	32	2	0	0	—	15.8	16.2	70	0	136
Mansûra	01	—	30	3	1	4	8	14.2	24.2	40	0	00	6	04	3	1	0	—	15.8	17.4	72	0	137
Tanta	00	8	24	1	0	0	—	13.6	25.4	40	0	00	8	00	0	0	0	—	16.0	17.3	61	0	138
Zagazig	01	6	24	2	2	4	6	—	26.0	42	0	00	6	32	2	1	0	—	—	17.5	75	0	139
Shebîn el Kôm	00	8	30	4	0	2	8	13.2	25.4	58	0	00	7	30	2	0	0	—	—	18.0	70	0	—
Middle Egypt																							
Cairo Almaza	01	8	30	1	1	3	8	13.6	26.3	32	0	00	7	04	3	0	0	—	15.5	19.6	51	0	141
Cairo Ezbekîya	01	8	26	2	0	3	8	13.4	26.8	35	0	00	7	30	3	0	0	—	16.0	20.0	62	0	—
Cairo Gîza	01	8	30	2	1	3	8	13.4	25.2	39	0	00	7	30	2	0	0	—	17.2	18.9	60	0	—
Helwân	00	8	32	2	0	2	8	13.6	24.3	35	0	00	7	30	4	0	0	—	15.6	20.1	48	0	143
Suez	01	9	28	2	1	5	3	13.2	28.0	31	0	00	9	32	2	0	0	—	15.8	20.4	37	0	144
Upper Egypt																							
Faiyûm	00	8	32	3	0	0	—	13.6	25.5	36	0	00	8	32	2	0	0	—	14.8	21.4	44	0	153
Minya	00	9	32	3	0	0	—	13.5	27.0	31	0	00	9	32	2	0	0	—	13.5	22.0	36	0	154
Asyût	00	9	26	2	0	0	—	12.7	28.0	30	0	00	6	28	1	0	0	—	13.4	23.9	36	0	155
Nag Hamâdi	00	8	24	1	0	0	—	10.4	30.1	25	0	00	8	24	1	0	0	—	11.5	23.0	40	0	164
Qena	00	9	26	3	1	0	—	9.0	34.6	18	0	00	6	22	2	0	0	—	11.4	26.6	27	0	156
Luxor	00	7	02	2	0	0	—	10.0	33.5	19	0	00	6	28	2	0	0	—	11.5	27.0	34	0	157
Aswân	01	9	28	3	1	4	4	8.0	35.8	07	0	00	9	32	4	0	0	—	10.3	30.0	11	0	158
Western Desert																							
Sîwa	00	8	32	4	0	0	—	16.7	26.0	55	0	00	—	00	0	0	0	—	17.2	22.0	66	0	148
Baharîya	00	9	00	0	0	0	—	14.0	28.5	43	0	00	—	32	1	0	0	—	16.6	19.2	70	0	149
Khârga	00	9	32	1	0	0	—	12.9	29.3	30	0	00	9	32	1	0	0	—	13.7	25.4	40	0	151
Dâkhla	00	8	28	4	0	0	—	13.6	27.6	40	0	00	7	28	2	0	0	—	16.1	24.6	38	0	152
Red Sea																							
Tôr	00	6	28	5	0	0	—	10.2	29.2	27	0	00	7	28	4	0	0	—	10.2	27.2	37	0	145
Hurghâda	00	9	30	5	0	0	—	9.4	27.6	47	0	00	9	28	5	0	0	—	10.7	25.9	55	0	146
Quseir	01	8	32	3	2	4	5	9.6	28.2	62	0	00	8	32	2	1	0	—	10.2	26.4	61	0	147
Port Sûdân	01	7	08	4	0	5		5	33	65	0												189
North Sûdân																							
Wâdi Halfa	01	7	30	4	1	4	4	9	35	11	0												165
Kareima	00	7	22	3	0	0	—	5	41	17	0												166
'Atbara	11	7	08	4	3	5	9	4	38	21	0												167
Khartûm	00	8	22	3	1	1		6	39	23	0												168
Kassala	01	8	28	1	1	4	8,4	4	40	20	0												170
Central Sûdân																							
Wad Medani	00	8	18	3	1	3	8	5	38	25	0												171
Renk	00	9	18	3	1	1	4	6	37	27	0												182
Roseires	01	8	04	1	1	4	1	9	36	27	0												172
El Obeid																							174
El Fâsher	02	9	12	3	1	6	2	—	36	35	0												175
Geneina	01	9	08	1	1	5	2	—	36	20	0												179
Kadugli	02	8	20	3	1	5	2	9	32	43	0												187
S. Sûdân																							
Malakâl	02	8	20	2	1	6	2	9	33	41	0												176
Wâu																							177
Juba	02	8	00	0	1	5	4	9	30	52	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 25th (٢٥)

Matrûh 13h 30m	Mariut 13h 15m	Port Saîd	Almaza	Minya 13h	Luxor 13h	Hurghâda	Wâdi Halfa	Kareima 12h 45m	Khartûm 13h	Kassala 12h 30m	El Obeid	Malakal 12h 45m	Juba 13h
03 32 25	03 31 30			03 33 20	03 32 15			09 23 20	09 25 20	09 23 15		09 19 20	09 11 05
06 31 30	06 31 30			06 33 35	06 31 20			15 23 30	15 22 30	15 18 05		15 21 20	15 08 10
09 30 30	09 30 20			09 33 40	09 30 30			21 25 35	21 23 25	21 22 10		21 21 15	21 12 20
15 30 35	12 30 20			12 32 15	15 27 35			24 25 35	24 23 25	24 35 10			27 15 10
	15 29 30			15 30 30	21 23 40					33 31 05			33 13 15
	18 29 25			18 31 45	27 22 50								39 12 20
	21 30 30			21 22 35	30 22 55								
	24 28 50			24 29 35									
	27 28 45												

Remarks

... standard time long 30° E and are ... mean time

	...	1945	1925
...	26-4	984	926
...	25-4	984	926

Mean of day

Station	Humidity % on 25th	Diff from normal	Wet Bulb Temp °C on 25th	Diff from normal
Alexandria	70	+2	15.6	-0.8
Ezbekiya	62	+10	16.5	0.0
Giza	62	+8	16.1	-0.1
Helwân	52	+13	15.0	+0.5

GIZA — Grass Minimum Temp on 26th —

CAIRO — Water Temp River Nile at 9h on 26th 21.8

Gauge	Date 1946	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Jûba	26-4	12.90	-0.50	12.66	-0.73
Nâsser		—	—	4.90	-0.65
Malakâl		9.52	-0.56	9.53	-0.65
J. Aulia Res		—	—	374.03	—
J. Aulia D.S		—	—	371.53	+0.67
Roseires		11.66	+0.33	11.66	+0.34
Sennar Res.		15.46	—	15.52	—
Khartûm		10.40	+0.19	10.41	+0.22
Kh el Girba		—	—	—	—
Atbara		10.36	+0.38	10.36	+0.39
Kajnarti		132.52	+0.65	132.56	+0.69
Aswân Res.		120.01	—	120.08	—
Aswân D.S		85.14	-0.46	85.14	-0.46
Roda (Cairo)		15.64	+0.16	15.62	+0.14

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	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												—		—				96
	Matrûh	00	9	00	0	0	0	—	17.8	+3.4	16.6	20	-3	12	-2	89	0	90	158
	Mariut	00	7	32	1	0	1	6	18	—	20	22	—	15	—	64	0	181	138
	Alexandria	01	9	00	0	1	3	8	18.0	+3.8	20.0	22	-2	18	+2	66	0	165	183
	Damietta	01	8	28	2	1	3	8	16.2	+2.2	19.1	21	—	13	—	65	0	68	103
	Port Saîd	01	8	30	4	1	4	8	17.9	+4.9	18.9	24	0	17	+1	63	0	45	77
	El 'Arîsh																	51	91
Lower Egypt	Damanhûr	00	7	04	2	0	0	—	18.1	+4.0	17.8	24	-4	13	0	78	0	81	98
	Mansûra	01	8	32	2	1	3	8	18.3	+4.1	19.5	25	-4	13	0	61	0	27	52
	Tanta	00	8	00	0	0	0	—	18.0	+3.7	19.6	26	-4	10	-3	63	0	59	40
	Zagazig	00	6	28	2	0	0	—	19.1	+4.8	19.4	26	-4	11	-2	72	0	9	26
	Shebîn el Kôm	00	8	02	2	0	0	—	17.2	+2.9	19.1	27	—	12	—	68	0	19	—
Middle Egypt	Cairo Almaza	01	7	04	2	1	4	6	18.4	+4.4	17.3	28	—	14	—	68	0	3	—
	Cairo Ezbekîya	01	6	04	2	1	5	8	18.2	+4.2	17.8	27	-3	14	-1	77	0	3	24
	Cairo Gîza	09	7	30	2	1	5	8	18.4	+4.4	17.7	26	-4	10	-2	72	0	15	24
	Helwân	01	7	02	3	1	3	8	18.7	+5.1	17.3	26	-4	13	-2	65	0	4	27
	Suez	01	9	02	1	1	4	4	18.7	+5.1	19.0	30	0	15	-1	63	0	—	16
Upper Egypt	Faiyûm	01	8	02	3	1	3	8	18.2	+4.5	18.8	27	-5	14	0	61	0	8	8
	Minya	00	9	02	3	0	0	—	—	—	18.8	28	-4	15	0	62	0	dr	—
	Asyût	00	7	28	2	0	0	—	17.2	+4.2	19.2	29	-4	13	-3	61	0	0	4
	Nag Hamâdi	00	8	26	2	0	0	—	16.2	+3.9	22.6	31	—	16	—	26	0	1	—
	Qena	00	7	28	2	0	0	—	14.8	+3.2	24.6	36	0	18	0	29	0	13	—
	Luxor	00	7	28	3	0	0	—	15.4	+3.4	23.3	35	-2	19	+2	38	0	0	—
	Aswân	00	9	32	3	0	0	—	14.4	+2.7	23.0	37	0	19	-2	30	0	dr	—
Western Desert	Sîwa	00	7	08	3	0	0	—	18.4	+3.5	19.0	28	-3	11	-2	72	0	1	8
	Baharîya	00	9	00	0	0	0	—	18.2	+3.9	18.0	30	-2	13	-1	71	0	0	7
	Khârga	00	9	32	2	0	0	—	18.2	+5.7	21.5	30	-5	17	-1	43	0	1	—
	Dâkhla	00	7	28	3	0	0	—	—	—	21.7	29	-6	15	-1	54	0	0	—
Red Sea	Tôr	00	7	28	6	0	0	—	13.9	+2.3	25.8	30	+1	19	+1	39	0	0	13
	Hurghâda	00	9	28	4	0	0	—	14.2	+2.4	22.7	29	-1	18	+1	55	0	1	3
	Quseir	00	8	32	3	0	0	—	13.5	+1.9	22.5	30	+1	21	0	57	0	11	4
	Port Sûdân	00	8	04	2	1	2	4	9		32					70	1	18	96
North Sûdân	Wâdi Halfa	00	8	32	3	0	0	—	15		23					27	0	Tr	—
	Kareima	00	8	32	4	0	0	—	11		28					19	0	7	1
	'Atbara	01	8	30	4	1	4	4	9		32					21	6	8	3
	Khartûm	00	6	30	4	1	2	1	8		32					28	0	3	5
	Kassala	02	8	16	3	1	6	4,5	9		31					38	0	31	11
Central Sûdân	Wad Medani	01	9	18	2	1	4	8	7		33					32	0	13	14
	Renk	01	9	12	3	1	4	4	—		31		—		—	43	—	—	55
	Roseires	01	8	24	1	0	4	1	—		28					52	0	83	51
	El Obeid																0	44	18
	El Fâsher	05	6	04	5	1	4	2	—	—	29					31	0	2	6
	Geneina	05	6	04	3	0	3	4	—	—	27		—		—	17	0	—	7
	Kadugli	01	8	12	2	0	3	1	10		28		—		—	62	—		104
S. Sûdân	Malakâl	01	8	16	1	0	3	4	10		28					66	0	213	118
	Wâu	01	8	00	0	0	3	4	9		28					62	0	113	224
	Juba	02	8	00	0	6	5	4,5	12		26					84	Tr	314	285

Upper Winds are in the Code HHDDVV where HH is Height 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)

Matrûh 7h	Mariut 7h	Port Saîd 6h 30m	Helwân	Minya	Asyût	Luxor 7h	Aswân	Wâdi Halfa 7h	Abu Hamad 7h	Kareima 8h 45m	Khartûm
03 12 05	03 32 15	03 32 25				03 34 35		09 01 40	09 26 65	09 02 40	
06 23 05	06 34 20	06 31 30				06 35 35		15 36 35	15 35 20	15 02 35	
09 34 15	09 34 20	09 32 20				09 36 45		21 32 40	21 36 15	21 01 20	
12 35 25	12 33 25	12 34 20				15 36 45		27 27 50	27 31 20	27 35 20	
15 35 20	15 32 25	15 32 30				21 32 20		33 27 60	33 31 15	33 02 15	
18 33 20	18 31 25	18 32 30				27 34 30		39 27 65	39 31 15	39 03 15	
21 32 25	21 31 25	21 33 30				30 33 35					
24 32 30	24 29 20	24 32 40				39 28 20					
27 31 30	27 30 25					45 26 35					

Kassala 7h	Port Sûdân 7h 15m	El Obeid	El Fâsher	Geneina 7h	Malakal
09 21 15	09 16 20			09 05 20	
15 19 35	15 14 35			15 04 30	
21 22 10				21 15 20	
27 34 25				27 10 15	
				33 09 20	

Upper Air Temp — Almâza at ... G.M.T. on ...

Height Feet	PPP	TT	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 26th
34700 00990 26200 14191 10106 00110.
34800 00892 10200 15160 90202 00090.

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	66, 6[illegible]
Snow	70-79
Showers	80-89
... of Snow	83, 84
... of Sleet	85, 86
... Hail	88, 89
Thunderstorm	90-99
... ended, now Rain	91
... with Hail	94, 96
... with Duststorm	98
... heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at 50 metres	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

05 17
18 29

FRIDAY 26th الجمعه ٢٦ — FRIDAY 26th الجمعه ٢٦

00	9	06	1	0	0	—	18.3	19.6	70	0	00	6	16	1	0	0	—	17.0	17.4	88	0	13[illegible]
											00	7	04	1	0	0	—	18	22	53	0	150
00	9	30	3	0	0	—	18.6	21.7	31	0	00	5	24	2	0	0	—	18.4	16.6	63	0	132
00	8	28	3	1	0	—	17.4	21.5	55	0	01	7	30	1	1	3	3	17.4	17.4	86	0	159
00	8	30	3	0	0	—	17.6	23.4	53	0	00	8	30	2	0	0	—	17.9	18.0	76	0	134
																						135
00	7	30	4	0	0	—	17.1	24.2	48	0	00	7	32	2	0	0	—	17.4	17.6	78	0	136
00	8	04	2	1	0	—	17.0	26.2	29	0	00	6	02	2	0	0	—	17.8	17.8	72	0	137
00	8	32	1	0	0	—	16.6	27.8	34	0	00	8	00	0	0	0	—	18.2	18.0	73	0	138
00	6	32	2	1	0	—	16.5	26.0	36	0	00	6	32	2	0	0	—	—	18.0	62	0	139
00	8	02	3	0	0	—	16.6	27.2	32	0	00	7	02	2	0	0	—	16.7	18.7	57	0	—
00	8	06	2	0	0	—	16.6	25.8	27	0	00	7	04	4	0	0	—	17.1	21.3	40	0	141
00	8	30	3	0	0	—	16.8	26.4	32	0	00	7	02	3	0	0	—	17.5	20.8	51	0	—
00	8	30	2	0	0	—	16.8	25.7	32	0	00	7	30	3	0	0	—	17.5	21.2	46	0	—
00	8	30	3	0	0	—	16.4	25.2	22	0	00	7	02	6	0	0	—	17.1	22.0	40	0	143
00	9	02	1	0	0	—	16.8	25.0	28	0	00	9	32	2	0	0	—	17.4	20.8	40	0	144
00	8	02	3	0	0	—	16.4	26.0	23	0	00	8	02	1	0	0	—	16.0	22.2	36	0	153
00	9	32	2	0	0	—	15.9	26.4	31	0	00	9	32	2	0	0	—	14.8	22.6	40	0	154
00	8	30	2	0	0	—	14.7	28.2	21	0	00	6	28	1	0	0	—	14.4	23.1	34	0	155
00	8	24	1	0	0	—	12.3	31.0	14	0	00	8	24	1	0	0	—	12.3	24.7	26	0	164
00	9	08	2	0	0	—	11.2	34.0	13	0	00	6	26	2	0	0	—	10.8	28.0	57	0	156
00	7	30	2	0	0	—	12.0	33.5	15	0	00	6	28	3	0	0	—	11.5	27.3	21	0	157
00	9	30	4	0	0	—	11.1	31.4	08	0	00	9	32	2	0	0	—	10.6	28.0	12	0	158
00	8	16	2	0	0	—	18.7	29.0	52	0	00		00	0	0	0	—	17.0	21.0	61	0	148
																						149
00	9	32	2	0	0	—	14.6	29.2	20	0	00	9	32	2	0	0	—	13.6	24.6	32	0	151
00	8	28	4	0	0	—	14.0	28.7	34	0	00	6	28	3	0	0	—	14.4	24.7	30	0	152
00	7	28	6	0	0	—	13.9	22.5	37	0	00	7	28	6	0	0	—	12.7	22.5	44	0	145
00	9	32	4	0	0	—	14.0	26.2	48	0	00	9	28	4	0	0	—	13.1	24.7	53	0	146
00	8	32	5	0	0	—	13.2	25.8	49	0	00	8	32	4	0	0	—	13.1	24.2	48	0	147
11	6	04	5	1	5	9	9	30	78	0												189
00	8	02	4	0	0	—	11	32	09	0												165
00	8	02	4	0	0	—	8	39	04	0												166
00	8	32	1	0	0	—	5	40	14	0												167
05	6	30	3	1	4	4,5	5	39	16	0												168
00	8	22	2	1	1	4	3	39	21	0												170
00	8	12	3	1	3	5	5	36	25	0												171
01	9	20	3	1	4	8	—	37	31	0												182
01	8	24	1	1	4	8	8	37	35	0												172
00	8	32	4	1	0	—	4	40	28	0												174
05	6	04	2	1	3	2	—	37	29	0												175
01	8	12	2	0	4	8	—	37	24	0												179
01	8	20	2	1	4	4	4	38	25	0												187
10	8	08	6	1	6	8	8	30	62	0												176
																						177
01	8	32	3	1	5	8	11	29	62	0												178

... heights ... metres. ... velocity ... per hour

KASSALA | EL OBEID | MALAKAL | JUBA

26th:
12 45 13 13 13 13 15 11 15 15 15 13 15 18 13 13 15
03 01 10 03 31 20 03 33 15 03 35 15 09 36 30 09 36 — 09 06 25 09 19 10 09 02 15 09 20 25 09 09 45
06 10 10 06 35 05 06 30 10 06 35 25 15 01 15 15 35 20 15 04 30 15 20 20 15 04 30 15 21 30 15 09 20
09 28 20 09 06 05 09 30 15 09 01 20 21 34 30 21 35 20 21 02 20 21 19 10 21 03 15 21 21 30 21 09 30
15 31 35 12 33 05 12 32 20 15 34 20 27 32 25 27 33 15 24 01 35 27 18 15 24 04 10 27 18 20 27 10 40
21 31 15 15 31 25 21 34 15 33 31 30 33 34 30 27 01 35 33 16 25 33 17 05 33 11 40
30 31 40 18 31 25 27 04 10 39 08 20 30 02 35
42 35 65 21 31 15 30 35 20
24 32 20 39 33 35
45 32 50

26th 26th
72 +3 16.0 -0.4
60 +8 15.7 -0.9
56 +2 15.3 -1.9
48 +9 14.1 -0.5

27th —

27-4 984 926
26-4 984 926

27th 21.5

27-4.

—	—	12.90	-0.50
—	—	9.52	-0.56
—	—	—	—
—	—	—	—
—	—	11.66	+0.33
—	—	15.46	—
—	—	10.40	+0.19
—	—	—	—
—	—	10.36	+0.38
—	—	132.52	+0.65
120.04	—	120.01	—
85.14	-0.47	85.14	-0.46
15.66	+0.12	15.64	+0.16

SATURDAY 27th السبت ٢٧

																		96
	02	9	00	0	1	7	8	15.1	+0.6	21.8	21	-2	14	0	30	0	90	158
	00	7	14	2	0	2	1	17	—	18	22		12		73	0	181	138
	01	6	00	0	1	4	2	16.7	+2.5	17.2	22	-2	14	-2	72	0	165	183
	01	7	12	1	4	3	2	16.6	+2.6	20.2	22		13		70	0	68	103
	00	7	12	2	0	3	2	16.7	+3.7	18.9	24	-1	16	0	75	0	45	77
																	51	91
	00	5	16	3	0	0	—	16.2	+2.2	19.0	26	-2	12	-1	83	0	81	98
	00	8	12	2	0	0	—	16.6	+2.4	19.2	27	-2	11	-3	74	0	27	52
	00	8	04	1	0	0	—	16.6	+2.4	19.0	28	-2	9	-4	66	0	59	40
	00	6	08	2	0	0	—	17.0	+2.7	19.0	26	-4	11	-2	72	0	9	26
	00	8	02	2	0	0	—	16.0	+1.7	18.9	28		12		70	0	19	
	05	6	08	4	0	1	1	15.7	+1.7	21.0	26		14		27	0	3	
	05	5	30	3	1	4	1	16.0	+2.0	20.1	28	-2	13	-2	55	0	3	24
	09	6	02	2	1	4	5	16.3	+2.3	18.7	27	-3	10	-2	67	0	15	24
	00	7	08	1	0	3	1	15.2	+1.6	21.8	27	-3	14	-1	19	0	4	27
	00	9	28	2	0	0	—	16.7	+3.2	20.0	27	-3	13	-3	40	0	—	16
	00	8	02	2	0	1	1	15.4	+1.7	20.3	28	-4	12	-3	40	0	8	8
	01	9	32	2	1	3	2	14.7	+1.7	21.0	28	-4	12	-3	49	0	dr	
	01	7	26	1	1	3	1	14.7	+1.8	20.2	31	-2	13	-3	48	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	13.5	+1.3	19.8	32		14		47	0	1	
QENA	00	7	22	2	0	0	—	11.5	-0.1	20.4	37	0	13	-5	38	0	13	
LUXOR	00	7	28	2	0	0	—	13.4	+1.5	22.6	36	-1	12	-5	34	0	0	
ASWÂN	00	9	32	1	0	0	—	11.8	+0.1	21.8	33	-4	17	-4	23	0	dr	
SÎWA	00	7	00	0	0	0	—	16.0	+1.1	21.0	32	+1	14	+1	57	0	1	8
SAHADIYA																	0	7
KHÂRGA	00	9	32	2	0	0	—	14.0	+1.6	23.5	30	-5	18	0	35	0	1	
DÂKHLA	00	8	28	2	0	0	—	14.8	+1.7	22.1	29	-6	15	-1	66	0	0	
TÔR	00	7	28	3	0	0	—	15.0	+3.4	21.5	25	-4	16	-2	50	0	0	13
HURGHADA	00	9	30	4	0	0	—	14.8	+3.0	22.3	27	-3	15	-3	65	0	1	3
QUSEIR	00	8	32	5	0	0	—	12.0	+0.5	23.2	27	-2	21	0	50	0	11	4
PORT SUDAN	00	8	00	0	0	0	—	10		29					66	0	18	96
WÂDI HALFA	00	8	02	2	0	0	—	12		21					23	0	tr	
KAREIMA	00	8	04	3	0	0	—	10		26					11	0	7	1
ATBARA	00	8	28	3	0	0	—	8		28					14	0	8	3
KHARTÔM	00	8	28	3	0	0	—	8		29					25	0	3	5
KASSALA	00	8	28	1	0	0	—	7		32					26	0	31	11
WAD MEDANI	00	9	32	4	0	0	—	7		30					09	0	13	14
[illegible]	00	9	12	3	0	0	—	7		26					48		—	56
ROSEIRES	00	8	28	1	1	0	—	—		27					45	0	83	51
EL OBEID	00	8	32	4	1	3	1	9		28					45	0	44	18
EL FÂSHER	00	8	04	2	0	0	—			27					28	0	2	6
GENEINA	00	9	02	4	0	0	—			26					13	0	—	7
KADUGLI	00	8	04	3	0	3	1	9		27					45		—	105
MALAKÂL	00	8	00	0	0	0	—	9		25					89	0	213	119
WAU	01	8	04	2	1	4	4	8		27					66	0	113	226
JUBA	01	8	04	2	1	4	4,1	9		27					70	0	314	290

Upper Winds ... above Sea level in hundreds of metres
DD is Direction ... velocity in kilometres per hour

MATRÛH | MERSA | ... | ASYÛT | ... | ASWÂN | WÂDI HALFA | ABU HAMAD | KAREIMA

27th:
7 18 7 9 7 7 7 7 7 30 7 7 15 7
03 17 25 03 13 05 02 06 05 03 02 40 02 32 10 03 03 10 02 02 05 09 06 30 09 07 35 09 03 50 09 02 50
06 19 10 06 03 05 05 06 30 06 02 40 05 02 30 06 03 15 05 07 25 15 06 30 15 09 15 15 02 10 15 03 30
09 09 05 09 08 02 08 07 30 09 04 40 10 07 55 09 04 25 10 04 35 21 05 20 21 23 15 21 27 20 21 05 20
15 21 15 12 35 02 10 07 50 12 02 40 15 05 35 15 03 20 15 04 35 27 35 20 27 27 15 27 25 30 24 00 00
21 25 05 15 03 35 15 03 35 21 02 25 20 05 25 33 35 20 33 28 10 30 30 05
20 04 40 18 03 35 27 01 30 25 03 25 39 34 20 39 28 35 39 05 10
23 04 50 21 03 30 30 01 30 51 32 45 50 32 05
25 02 45 24 06 40 39 36 30 63 32 40 57 30 35
45 36 45 63 33 40

27
7 7 7 7 7 2 26th
09 29 05 09 02 30 09 02 20 09 06 40 09 00 00
15 30 05 15 01 30 15 04 30 15 09 40 15 12 15
21 03 20 27 11 15 21 06 45 21 09 30 21 14 15
27 02 25 33 01 20 27 05 35 27 06 15 27 13 15
33 02 15 33 04 20 33 05 20
39 05 30
51 03 55

1007	62.5	55
989.5	62	54
971	62	50
953	61	46
936	62	44
870	63	40
807	58	39
748	50	35
6925	46	31
6405	38	27

CYPRUS SYNOPTIC 27th
34702 03890 22228 16191 50107 00130.
34850 02766 28126 17181 30403 00120.

WIND FORCE (F)

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

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

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

CAIRO
Time of Sunrise 05 16 (h. m.)
Sunset 18 30 (h. m.)

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on SATURDAY 27th (السبت ٢٧) and At 20h. on 27th

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	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
SALUM																							130
MATRUH	02	9	44	1	2	5	5	16.0	25.4	34	0	01	8	14	1	2	4	5	13.6	24.2	32	0	131
MARIUT	00	7	31	2	2	6	1	16	25	34	0	02	7	10	1	2	6	2	16	17	68	0	150
ALEXANDRIA	02	8	04	2	2	5	6	17.0	23.7	55	0	00	5	10	2	0	0	—	15.8	18.6	64	0	132
DAMIETTA	02	8	04	2	1	5	5	16.2	22.5	55	0	01	7	06	1	1	4	5	15.8	19.0	79	0	159
PORT SAID	02	8	12	2	2	5	2	15.9	22.3	63	0	00	8	04	2	0	0	—	16.3	18.7	80	0	134
EL ARISH	00	7	30	1	0	0	—	16.0	22.2	61	0	00											135
DAMANHUR	01	6	08	2	1	5	1	15.6	28.3	32	0	00	6	04	2	1	0	—	15.6	19.0	68	0	136
MANSURA	01	8	32	1	1	4	6	15.5	27.8	—	0	00	6	04	3	1	0	—	16.2	18.4	70	0	137
TANTA	01	8	28	1	1	4	8	15.4	29.6	29	0	01	8	12	1	1	5	8	14.7	18.6	56	0	138
ZAGAZIG	02	9	32	3	1	5	8	—	28.0	30	0	00	6	32	3	0	0	—	—	19.8	65	0	139
SHEBIN EL KOM	00	8	04	2	0	0	—	15.1	29.7	25	0	00	7	02	2	0	0	—	14.8	21.0	54	0	—
CAIRO ALMAZA	01	8	06	4	1	4	1	13.8	30.4	08	0	00	7	06	4	0	0	—	15.0	24.0	31	0	141
CAIRO EZBEKIYA	01	8	30	3	1	6	1	14.8	30.2	23	0	01	7	02	3	1	5	1	15.5	23.3	40	0	—
CAIRO GIZA	00	8	02	3	1	2	6	14.3	29.5	15	0	00	7	02	2	1	0	—	15.5	22.6	36	0	—
HELWAN	01	8	04	4	1	4	1	13.5	30.9	05	0	00	7	04	6	0	0	—	14.3	24.1	25	0	143
SUEZ	02	9	32	3	2	5	2	14.2	29.0	14	0	00	9	28	2	0	0	—	15.4	23.4	28	0	144
FAIYUM	00	8	32	3	0	0	—	13.4	31.0	09	0	00	8	02	1	0	0	—	13.8	24.7	33	0	153
MINYA	01	8	32	4	3?	4	2	12.4	32.2	21	0	00	8	32	4	1	0	—	12.2	27.0	28	0	154
ASYUT	01	8	20	1	1	3	1	11.2	33.8	16	0	00	6	30	1	1	0	—	10.2	29.6	27	0	155
NAG HAMADI	00	8	00	0	0	0	—	10.7	33.7	23	0	00	8	00	0	0	0	—	10.3	22.7	47	0	164
QENA	01	9	22	2	0	3	3	10.0	34.6	14	0	01	6	26	2	1	3	3	9.4	28.0	18	0	156
LUXOR	01	7	30	2	1	4	1	10.0	35.5	16	0	00	6	28	2	0	0	—	9.2	26.8	32	0	157
ASWAN	01	9	28	1	1	4	1	8.3	35.3	18	0	00	9	32	4	0	0	—	8.2	32.0	19	0	158
SIWA	00	8	00	0	0	0	—	16.1	33.0	50	0	00		00	0	0	0	—	13.3	26.5	43	0	148
BAHARIYA	00	9	00	0	0	0	—	14.3	—	—	0	00		00	0	0	0	—	—	—	—	0	149
KHARGA	01	9	32	1	1	3	2	12.8	32.5	22	0	00	9	32	1	0	0	—	11.3?	27.8	31	0	151
DAKHLA	00	9	04	1	0	0	—	12.6	32.5	20	0	00	7	28	2	0	0	—	10.7	27.6	28	0	152
TOR	00	7	28	3	0	0	—	12.7	26.7	46	0	00	7	28	3	0	0	—	—	22.2	56	0	145
HURGHADA	00	9	32	3	0	0	—	12.3?	27.2	50	0	00	9	28	3	0	0	—	—	25.8	68	0	146
QUSEIR	00	8	32	4	0	0	—	11.5	27.2	45	0	00	8	30	2	0	0	—	10.4	24.0	39	0	147
PORT SUDAN	00	8	04	3	0	0	—	8	30	82	0												248
WADI HALFA	00	8	02	3	0	2	1	8	35	08	0												165
KAREIMA	00	9	32	2	0	0	—	5	37	07	0												166
ATBARA	00	8	22	1	0	0	—	2	39	20	0												167
KHARTUM	00	8	32	3	0	0	—	3	39	13	0												209
KASSALA	01	8	30	3	0	5	8	2	41	18	0												170
WAD MEDANI	00	8	30	3	0	2	8	—	41	15													171
RENK	00	9	12	3	0	0	—	1	37	33													182
ROSEIRES	00	8	20	1	0	0	—	—	38	38													172
EL OBEID	00	8	32	3	0	0	—	4	37	33													174
EL FASHER	00	8	32	2	0	0	—	—	36	09													175
GENEINA	00	7	04	1	0	1	4	—	36	12													179
KADUGLI	01	8	04	4	1	4	4	5	37	22													187
MALAKAL	01	8	22	1	1	3	9	4	34	41													176
WAU																							177
JUBA	01	8	04	1	1	4	9	4	34	41													178

At 8h. on SUNDAY 28th (الساعة ٨ يوم الأحد ٢٨)

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	Min. Today °C	Min. Diff. from norm	Humidity %	Rainfall Past 24 hrs mms	Rainfall From Oct. 1 mms	Normal from Oct. 1 mms
SALUM																		96
MATRUH	01	9	28	2	2	4	8	13.4	-0.9	20.1	25	+1	15	+1	81	0	90	158
MARIUT	02	7	14	2	2	5	4	14		21	26	—	14		57	0	181	138
ALEXANDRIA	02	8	10	2	1	5	4	13.6	-0.5	19.8	26	+1	15	0	67	0	165	183
DAMIETTA	02	8	12	2	1	5	6	14.0	0.0	21.2	23	—	17	—	82	0	68	103
PORT SAID	03	8	06	3	1	8	4	14.3	+1.3	21.1	23	-2	17	+1	79	0	45	77
EL ARISH																		91
DAMANHUR	01	6	16	2	1	4	1	14.2	+0.2	20.8	30	+2	13	+1	72	0	81	98
MANSURA	01	8	08	1	1	4	0	14.0	-0.2	21.0	29	0	14	0	67	0	27	52
TANTA	02	8	12	1	1	5	8	14.3	+0.1	18.8	30	0	14	+1	70	0	59	40
ZAGAZIG	01	6	32	2	2	4	8	14.9	+0.6	21.0	28	-2	14	+1	51	0	9	26
SHEBIN EL KOM	01	8	04	2	0	3	8	13.8	-0.5	20.3	30	—	14	—	63	0	19	
CAIRO ALMAZA	01	7	04	1	1	5	4,5	13.3	-0.6	24.0	31	—	12	—	23	0	3	
CAIRO EZBEKIYA	05	6	04	2	1	8	5	13.8	-0.1	21.5	31	+1	16	+1	47	0	3	24
CAIRO GIZA	09	6	30	2	1	5	5	13.9	0.0	19.5	30	0	13	+1	65	0	15	24
HELWAN	05	5	30	1	2	6	4	13.0	-0.5	22.3	32	+2	17	+2	42	0	4	27
SUEZ	02	9	28	1	2	5	2	14.4	+0.9	21.0	30	0	15	-2	41	0	—	16
FAIYUM	02	8	00	0	2	8	2	13.1	-0.5	23.8	32	0	15	0	32	0	8	8
MINYA	01	8	32	3	1	5	2	10.7	-2.3	23.0	33	+1	16	+1	44	0	tr.	
ASYUT	00	7	22	1	0	0	—	11.2	-1.7	25.9	36	+3	19	+3	37	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	10.6	-1.6	24.3	36	—	17	—	45	0	1	
QENA	00	7	24	1	0	0	—	10.4	-1.1	24.4	35	-2	19	+1	31	0	13	
LUXOR	00	7	28	1	0	0	—	10.2	-1.6	28.6	38	+1	18	0	27	0	0	
ASWAN	00	9	32	2	0	0	—	9.4	-2.2	24.0	37	0	19	-2	26	0	tr.	—
SIWA	02	7	00	0	1	7	4	13.8	-1.0	23.5	35	+3	16	+2	56	0	1	8
BAHARIYA	01	9	00	0	1	4	—	—	—	21.0	—	—	15	+1	65	0	0	7
KHARGA	01	9	32	4	1	4	2	11.3	-1.0	28.2	35	0	21	+3	26	0	1	
DAKHLA	00	8	28	1	0	0	—	11.0	-2.0	26.2	35	0	18	+1	34	0	0	
TOR	00	7	04	3	0	0	—	13.0	+1.5	23.9	27	-2	17	-1	53	0	0	13
HURGHADA	00	9	30	3	0	0	—	11.1	-0.7	25.6	28	-2	18	0	39	0	1	3
QUSEIR	01	8	32	4	1	5	2	9.9	-1.5	26.7	29	0	20	-1	51	0	11	4
PORT SUDAN	00	9	28	2	0	0	—	10		29					66	0	18	96
WADI HALFA	00	8	04	1	0	3	1	9		23					20	0	tr.	
KAREIMA	00	8	04	2	0	0	—	8		26					06	0	7	1
ATBARA	00	8	06	3	0	0	—	5		31					41	0	8	3
KHARTUM	00	8	32	3	0	0	—	7		29					12	0	3	5
KASSALA	00	8	18	1	0	0	—	5		30					35	0	31	11
WAD MEDANI	00	9	32	4	0	2	3	6		31					22	0	13	14
RENK	00	9	12	3	0	0	—	5		31		—		—	43	—	—	56
ROSEIRES	00	8	14	1	0	0	—	—		31					49	0	83	52
EL OBEID	00	9	03	3	0	0	—	5		28					10	0	44	18
EL FASHER	00	9	28	1	0	3	1	—	—	—					—	0	2	6
GENEINA	00	9	04	3	0	0	—	—	—	26		—		—	06	—	—	7
KADUGLI	01	8	04	2	0	3	1	8		29				—	19		—	106
MALAKAL	02	8	08	2	1	5	1	8		29					40	0	213	120
WAU																0	113	229
JUBA	02	8	00	0	1	8	4,5	10		23					94	23	337	295

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.

MATRUH 12h 45m	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR 13h	HURGHADA	WADI HALFA 13h 15m	KAREIMA 12h 45m	KHARTUM 14h	KASSALA 13h	EL OBEID 13h	MALAKAL 13h	JUBA 13h 15m
03 35 15					02 00 00		09 07 15	09 35 05	09 35 15	09 05 10	09 04 15	09 34 05	09 12 05
06 29 05					06 36 05		15 07 35	15 26 15	15 34 15	15 02 05	15 05 15	15 05 05	15 09 10
09 26 10					09 05 10		21 05 10	21 22 35	21 33 10	21 04 15	21 05 15	21 15 10	21 08 20
15 27 20					15 07 15		27 01 10	33 25 15	24 32 10	27 30 05	27 04 15	27 08 15	27 07 15
18 26 20					21 02 30		33 35 15	39 01 20	30 25 05		33 03 20		33 06 10
21 27 20					27 36 20		39 32 20		39 16 05				39 09 20
27 28 20					30 34 15								
30 29 15													
33 29 10													

Upper Winds on 28th (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.

MATRUH 7h 30m	MARIUT 7h	PORT SAID 6h 45m	HELWAN 9h 15	MINYA	ASYUT 7h	LUXOR 7h	ASWAN 7h	WADI HALFA 7h 15	ABU HAMAD	KAREIMA 7h 15	KHARTUM 7h
03 35 30	03 12 15	03 29 15	02 36 10		03 03 10	03 05 15	02 01 10	09 06 55		09 05 40	09 35 3[illegible]
06 35 35	06 14 05	06 — —	05 04 35		05 05 05	06 06 20	05 07 45	15 07 15		15 06 20	15 34 4[illegible]
09 32 35	09 19 10	09 07 20	08 08 30		10 08 15	09 06 20	10 08 30	21 12 05		21 07 10	21 28 2[illegible]
15 31 39	12 29 15	12 11 20	10 08 35			15 05 20	15 05 25	27 20 05		27 31 15	24 22 2[illegible]
21 29 35	15 29 20	15 10 20	16 07 30			21 07 10	20 07 15	33 08 05		33 30 10	30 20 0[illegible]
30 26 40	18 28 30	18 32 15	18 02 20			27 01 05	25 06 15	39 27 20		39 32 15	
	21 25 40	21 32 30				30 01 15					
		24 32 40				39 02 20					
		27 30 65				45 03 50					

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL 7h
					09 13 30
					15 13 05
					21 13 05
					27 02 20
					33 02 25

Upper Air Temp — ALMAZA at 24 G.M.T. on 27th

Height feet	PPP	TT	
Surface	1004.7	66	57
500	986	74	51
1000	968	76	53
1500	951	76	54
2000	934	73	53
4000	867	67	48
6000	804	60	44
8000	745	51	39
10000	690	41	33
12000	639	34	28
14000	590	26	22
16000	544	18	17

CYPRUS SYNOP 03h. ON 28th

34750	01864	22414	14211	30301	00120
34828	00962	24312	13210	10603	00130

Remarks

Times ... Egyptian Standard time, long. 30°E and are ... Greenwich mean time

Station	Humidity on 27th	Diff. from normal	Wet bulb temp on 27th	Diff. from normal
Alexandria	66	-3	15.8	-0.7
Ezbekiya	44	-7	16.1	-0.6
Giza	49	-5	15.4	-1.0
Helwan	18	-21	13.1	-1.6

GIZA — GRASS MINIMUM TEMP on

CAIRO — WATER TEMP RIVER NILE ... on 28th 21.7°

Discharges at Aswan	Date	1946	1945
	28-4	984	926
	27-4	984	926

Gauge	Date 1946	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	28-4-46			12.75	-0.66
Nasser				4.86	-0.64
Malakal		9.52	-0.54	9.52	-0.55
J. Aulia Res				373.58	—
J. Aulia D S				371.59	+0.72
Roseires		11.52	+0.12	11.57	+0.22
Sennar Res				15.38	—
Khartum				10.37	+0.14
Kh. el Girba					
Atbara		10.36	+0.40	10.38	+0.40
Kajnarti				132.50	+0.63
Aswan Res		120.01	—	120.04	—
Aswan D S		85.14	-0.47	85.14	-0.47
Roda (Cairo)		15.73	+0.25	15.66	+0.18

Key

PRESENT WEATHER (ww): Clear 00; Partly cloudy 01; Cloudy 02; ...

PAST WEATHER (W): Clear bright sky 0; Variable sky; Mainly overcast; Sandstorm, Duststorm; Fog, thick dust haze; Drizzle 5; Rain 6; Snow, sleet; Showers; Thunderstorm 9

VISIBILITY (V): Objects ... visible at 50 metres 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, 5, 6 Tenths 4; 7, 8 Tenths; 9 Tenths; Over 9 Tenths; Overcast; Fog or Dust

CLOUD FORM (C): Cirrus; Cirro-stratus 2; Cirro-cumulus 3; Alto cumulus; Alto-stratus; Strato-cumulus 5; Nimbo-stratus 7; Cumulus 6; Cumulo-nimbus; Stratus

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

WIND DIRECTION (DD): ... Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North

Time of Sunrise 05 h. 15 m.
Sunset 18 h. 30 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1946 — شهر أبريل ١٩٤٦

At 14h. on SUNDAY 28th (الساعة ١٤ يوم الأحد ٢٨) and At 20h. on 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	°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	50	9	32	3	5	7	9	12.7	19.8	85	dr.	02	8	00	0	2	7	8	11.8	19.0	90	0	131
MARIUT	02	7	28	2	1	7	4,5,2	12	28	29	0	01	7	02	1	2	4	4,5,2	12	21	57		150
ALEXANDRIA	01	9	00	0	2	4	4,5	12.8	29.8	29	0	01	5	00	0	2	4	4	12.2	22.4	42	0	132
DAMIETTA	01	7	12	3	1	3	3	12.4	27.9	59	0	03	7	04	2	2	8	5,4,6	12.0	22.2	72	0	159
PORT SAÏD	01	8	06	3	1	4	2	12.6	24.5	63	0	02	8	04	3	2	8	2	12.0	20.9	74	0	134
EL ARÎSH																							135
Lower Egypt																							
DAMANHÛR	01	5	08	2	1	5	3	11.4	32.8	28	0	01	6	16	3	1	5	3	11.8	23.2	68	0	136
MANSÛRA	01	8	12	2	1	4	0	11.8	33.3	18	0	00	6	02	2	1	0	—	12.6	24.6	45	0	137
TANTA	01	8	16	1	1	4	8	11.5	33.6	21	0	01	8	00	0	1	4	8	12.4	25.0	47	0	138
ZAGAZIG	01	6	16	3	1	3	8	—	32.0	19	0	01	6	32	3	1	4	8	—	25.2	46	0	139
SHEBÎN EL KÔM	00	8	00	0	0	1	8	11.1	33.9	18	0	02	7	02	2	2	5	6	11.0	26.0	46	0	—
Middle Egypt																							
Cairo ALMÂZA	01	7	06	3	1	4	1	10.2	33.8	14	0	02	7	30	1	2	7	5	12.0	29.2	22	0	141
Cairo EZBEKIYA	01	7	04	1	0	4	2	10.7	34.2	18	0	03	7	02	1	1	8	4,7	11.6	28.6	29	0	—
Cairo GÎZA	01	7	02	2	1	4	5	10.0	34.4	16	0	02	7	02	2	2	5	5	11.0	27.5	21	0	—
HELWÂN	02	8	02	3	2	6	4,5	10.0	34.0	13	0	03	7	32	3	2	8	4,5	10.8	30.0	14	0	143
SUEZ	02	9	28	1	2	7	2	11.4	33.0	15	0	01	9	00	0	0	3	2	11.1	27.2	31	0	144
Upper Egypt																							
FAIYÛM	02	8	32	2	2	7	5	10.0	34.2	08	0	02	8	02	2	2	7	5	9.8	28.9	21	0	153
MINYA	02	7	32	2	2	7	2	9.5	35.0	24	0	01	8	32	2	1	4	2	9.0	28.0	28	0	154
ASYÛT	02	8	02	1	1	5	2	8.2	35.5	16	0	00	6	04	1	1	0	—	8.2	28.9	25	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	8.1	35.3	26	0	00	8	00	0	0	0	—	7.4	29.7	29	0	164
QENA	01	8	18	2	0	4	3	6.8	37.7	13	0	00	6	10	2	1	0	—	7.0	30.8	15	0	156
LUXOR	02	7	02	2	2	5	3	7.8	38.5	18	0	00	6	28	3	0	0	—	6.9	28.7	28	0	157
ASWÂN	01	9	32	2	1	3	1	5.6	37.3	02	0	00	9	32	1	0	0	—	5.2	33.0	06	0	158
Western Desert																							
SIWA	00	8	12	4	0	0	—	11.9	35.5	11	0	00		00	0	0	0	—	9.5	30.0	25	0	148
BAHARÎYA	01	9	00	0	1	4		—	30.4	40	0												149
KHÂRGA	00	9	24	1	0	0	—	9.0	37.0	23	0	00	9	32	1	0	0	—	—	30.2	30	0	151
DAKHLA	00	8	04	5	0	0	—	7.6	36.8	20	0	00	6	28	4	0	0	—	6.6	28.2	34	0	152
Red Sea																							
TÔR	01	7	28	3	0	3	5	10.8	27.1	57	0	00	7	28	3	0	0	—	7.6	24.1	68	0	145
HURGHADA	00	9	32	2	0	0	—	—	27.7	35	0	00	9	28	2	0	0	—	—	16.3	42	0	146
QUSEIR	02	8	32	4	2	5	2	9.8	29.4	39	0	01	8	32	2	1	3	2	—	27.5	37	0	147
PORT SUDAN	00	9	04	4	0	0	—	6	29	82													260
North Sudan																							
WADI HALFA	00	8	02	2	0	1	1	5	37	06													165
KAREIMA	00	9	18	1	0	1		3	39	07													166
ATBARA	00	8	24	1	0	0	—	1	41	13													167
KHARTÛM	00	8	20	3	0	0	—	2	40	8													209
KASSALA	01	8	02	1	0	3	8	99	41	13													170
Central Sudan																							
WAD MEDANI	00	8	02	1	0	0	—		41	08													171
RENK	00	9	20	3	0	0	—	0	40	08													182
ROSEIRES	01	8	16	1	0	5	4	—	40	28													172
EL OBEID	00	9	04	1	0	1	1,2	2	38	11													174
EL FASHER	00	9	20	2	0	0	—	—	37	07													175
GENEINA	00	9	16	1	0	0	—	—	37	07													179
KADUGLI																							187
S. Sudan																							
MALAKAL	01	8	14	4	1	4	8,4	4	35	39													176
WAU	01	8	10	2	1	4	8	3	36	29													177
JUBA	11	8	12	2	1	6	9,1,2	7	31	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.

28th

MATRÛH	MARIUT	PORT SAÏD	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	13 h. 15 m.	11 h. 30 m.	18 h. m.	13 h. m.	h. m.	h. m.	13 h. m.
03 05 10					03 07 05		09 10 05	09 12 10	09 26 05	09 07 15			09 36 05
06 22 20					06 02 05		15 17 10	15 14 10	15 24 15	15 08 05			15 02 05
04 23 35					09 04 15		18 16 05	21 15 10	21 25 15	21 29 05			21 06 10
15 27 50					15 07 20			27 15 05	24 24 20	27 01 10			27 11 10
21 26 75					21 08 20			33 29 05	30 24 25	33 31 05			33 08 15
24 27 85					27 04 30			39 29 10					
30 27 55					30 08 20								
					36 05 10								

Remarks

[illegible] Standard time, long. 30°E and are [illegible] Greenwich mean time

Mean of day

Station	Humidity on 28th	Diff from normal	Wet bulb temp °C on 28th	Diff from normal
Alexandria	52	-17	16.7	+0.2
Ezbekiya	34	-17	17.3	+0.5
Giza	40	-14	17.4	+0.9
Helwan	24	-15	16.2	+1.4

GIZA — Grass minimum temp on 29th °C

CAIRO — Water temp River Nile at 9h: on 29th 21.8° °C

Discharges at Aswan measured by [illegible] per sec.	Date	1946	1945
	29-4	984	926
	28-4	984	926

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	29th				
Nâsser				5.02	-0.61
Malakâl		9.50	-0.55	9.52	-0.54
J. Aulia Res				373.40	
J. Aulia D.S				371.58	+0.71
Roseires		11.59	+0.18	11.52	+0.12
Sennar Res.				15.36	
Khartûm				10.37	+0.13
Kh. el Girba					
Atbara		10.36	+0.38	10.38	+0.40
Kajnarti		132.45	+0.57	132.49	+0.61
Aswân Res.		119.99		120.01	-0.
Aswân D.S		85.14	-0.48	85.14	-0.47
Roda (Cairo)		15.79	+0.32	15.73	+0.25

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	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											—		—					96
MATRÛH	01	9	06	2	2	4	8	9.1	-5.2	19.6	23	-1	17	+3	87	dr.	90	158
MARIUT	61	8	10	2	2	3	4,5	10		23	32	—	18	—		0	181	138
ALEXANDRIA	01	9	12	2	2	4	4	9.5	-4.6	24.6	31	+6	20	+4	36	0	165	183
DAMIETTA	02	7	12	1	2	7	6,5	11.0	-2.9	22.5	29	—	20	—	85	0	68	163
PORT SAÏD	03	8	14	2	2	8	6	11.2	-1.8	22.1	25	0	20	+4	80	0	45	77
EL ARÎSH																		91
Lower Egypt																		
DAMANHÛR	02	6	04	3	2	5	4	9.8	-4.2	21.3	34	+6	19	+5	78	0	81	98
MANSÛRA	02	7	12	2	2	5	6	11.2	-2.9	22.0	35	+6	18	+4	58	0	27	52
TANTA	02	8	12	1	2	7	8	10.7	-3.5	23.6	34	+4	18	+5	44	0	59	40
ZAGAZIG	03	5	08	2	2	8	8	11.7	-2.6	22.5	32	+2	14	+1	55	0	9	26
SHEBÎN EL KÔM	02	8	08	1	2	5	6	9.6	-4.7	24.2	34	—	17	—	44	0	19	—
Middle Egypt																		
Cairo ALMAZA	61	7	10	3	5	8	4,5	10.6	-3.3	23.3	35	—	21	—	48	dr.	3	—
Cairo EZBEKÎYA	03	7	10	4	5	8	7	10.6	-3.3	23.2	35	+5	20	+5	47	dr.	3	24
Cairo GÎZA	09	6	10	2	5	5	5	10.7	-3.2	22.4	34	+4	17	+5	50	dr.	15	24
HELWÂN	05	6	00	0	2	8	7,4,5	11.4	-2.1	23.0	35	+5	21	+5	45	0	4	27
SUEZ	02	9	28	1	2	8	2	12.0	-1.4	27.2	35	+5	19	+2	27	0	—	16
Upper Egypt																		
FAIYÛM	03	8	06	2	2	8	5	10.4	-3.1	24.0	35	+3	18	+3	45	0	8	8
MINYA	02	8	32	2	2	5	4,5	9.5	-3.4	22.4	35	+3	18	+3	51	0	dr.	—
ASYÛT	01	7	20	1	1	4	2	9.5	-3.3	26.0	36	+3	18	+2	31	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	9.0	-3.1	27.0	36	—	16	—	41	0	1	—
QENA	00	7	32	1	0	0	—	8.4	-3.0	26.6	38	+1	20	+2	29	0	13	—
LUXOR	00	7	28	1	0	0	—	8.6	-3.2	27.4	39	+1	17	+1	29	0	0	—
ASWÂN	00	9	30	2	0	0	—	7.8	-3.7	25.8	38	+1	20	-1	19	0	dr.	
Western Desert																		
SÎWA	00	7	12	5	0	0	—	7.8	-7.0	27.0	36	+4	22	+8	33	0	1	8
BAHARÎYA	01	9	32	1	1	4		—	—	24.0	33	+1	—	—	60	0	0	7
KHÂRGA	00	9	32	1	0	0	—	9.6	-2.6	29.0	40	+4	20	+2	26	0	1	—
DÂKHLA	00	8	08	1	0	0	—	7.6	-5.4	24.8	38	+2	18	+1	35	0	0	—
Red Sea																		
TÔR	00	7	00	0	0	0	—	8.6	-2.9	24.3	—	—	19	+1	82	0	0	13
HURGHÂDA	00	9	28	3	0	0	—	—	—	29.1	30	0	17	-1	35	0	1	3
QUSEIR	00	8	28	3	0	0	—	7.1	-4.3	29.2	30	+1	23	+2	31	0	11	4
PORT SÛDÂN	00	8	16	1	0	2	4	9		29					70	0	18	96
North Sûdân																		
WADI HALFA	00	8	00	0	0	0	—	8		27					15	0	tr.	—
KAREIMA	00	8	30	1	0	0	—	7		27					10	0	7	1
ATBARA	00	8	30	2	0	0	—	5		32					09	0	8	3
KHARTUM	00	8	26	3	0	0	—	8		31					11	0	3	5
KASSALA	00	8	16	1	0	2	4	5		34					25	0	31	11
Central Sûdân																		
WAD MEDANI	00	9	16	3	0	0	—	7		31						0	13	14
RENK	01	9	20	3	1	4	4	7		31				—	49	—	—	56
ROSEIRES	01	8	22	3	0	4	1	—		29					57	0	83	52
EL OBEID	00	9	22	4	0	0	—	9		29					52	0	44	18
EL FÂSHER	01	9	32	2	1	4	1,2	—	—	25					14	0	2	6
GENEINA	01	9	00	0	0	4	1	—	—	26		—		—	15	—	—	7
KADUGLI														—		—	—	107
S. Sûdân																		
MALAKÂL	01	8	22	3	1	4	4,5	11		26					66	0	213	121
WÂU																0	113	232
JUBA	02	8	12	1	1	5	6,4,1	11		24					84	8	345	300

Upper Winds are in the Code HHDDVV where HH is Height 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	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. 15 m.	7 h. m.	7 h. m.	8 h. 30 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	
03 08 35	03 11 35	03 10 10	02 09 35		02 04 10	03 04 05	02 36 10		09 04 20	09 04 30	
06 14 60	08 11 40	06 02 15	05 06 60		05 07 20	06 06 20	05 09 30		15 19 05	15 03 15	
09 14 55	09 11 30	09 02 15	08 06 40		10 09 15	09 08 40	10 09 30		21 23 25	21 24 05	
12 15 60	15 25 10	12 36 25	10 05 30		15 04 10	15 09 35	15 04 15		27 18 30	27 25 20	
15 16 55		15 36 30	15 09 60		20 06 20	21 05 20	20 01 10		33 09 05	33 24 30	
		21 34 10	20 15 20		25 14 10	27 01 15	25 32 35			39 26 35	
		30 28 25	23 15 35			30 36 10	30 02 05				
		45 27 30	25 20 30								
			Enl. Ni.								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	5 h. m.	h. m.	7 h. m.	7 h. m.
	09 36 15	09 26 30		09 06 20	09 27 30
	15 33 40	15 31 05		15 10 10	15 27 10
	21 20 15	21 27 10		21 17 10	
	27 26 20	24 29 25		27 34 05	
	33 27 15			33 29 15	
	39 23 20			39 28 10	

UPPER AIR TEMP. ALMÂZA AT 23h G.M.T. ON 28th

Height feet	PPP mb	TT °F	
Surface	1001.4	70	64
500	984	67	60
1000	966	73	59
1500	949	77	56
2000	932	75	56
4000	865	66	51
6000	803	56	44
8000	744	48	39
10000	689	38	33
12000	637	30	30
14000	589	20	20
16000	543		

CYPRUS SYNOPTIC 8h ON 29th

34700 00990 08300 12210 90400 00090
34800 00990 10101 12190 61300 00110

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	[illegible]
Drizzle	50-59
Rain	60-69
Rain and Fog	[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	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at 50 metres	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

1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise h. m. 05 14
Sunset 18 31

Month *APRIL* 1946 — شهر أبريل ١٩٤٦

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

STATION	14h Present Weather	Visibility	Wind Dir.	Force	Past Weather	Cloud Amount	Form	Bar Press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 8-14h. mms	20h Present Weather	Visibility	Wind Dir.	Force	Past Weather	Cloud Amount	Form	Bar Press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20h. mms	Station Number
Sallum																							130
Matrûh	21	9	10	3	8	4	8	5.5	23.8	61	dr.	30	1	10	6	3	4	8	1.9	22.6	60	0	131
Mariut	02	7	04	4	1	6	4,5,2	8	28	45	0	02	7	07	4	6	7	4,5	8	24	38	dr	150
Alexandria	02	8	04	5	2	7	5	7.4	27.6	40	0	02	5	10	3	2	5	6	6.3	23.4	42	dr	132
Damietta	05	6	04	4	1	3	3	10.0	25.2	69	0	03	6	04	3	2	8	6	9.2	23.0	64	0	159
Port Saʿîd	01	8	02	4	5	4	2	9.6	27.7	54	dr.	03	8	06	4	2	3	5	9.4	22.0	64	0	134
El ʿArîsh																							135
Damanhûr	02	6	16	4	2	5	5	7.2	35.0	30	0	02	5	12	6	9	5	5	8.2	25.0	68	dr	136
Mansûra	01	8	12	2	1	4	6	8.7	34.7	16	0	00	6	02	2	1	0	—	10.8	24.8	52	0	137
Tanta	02	8	16	1	2	5	8	6.7	35.0	22	0	02	8	12	2	2	5	8	8.6	25.4	47	0	138
Zagazig	01	6	08	3	8	4	8,9,4	—	33.0	20	dr.	01	6	08	2	1	4	8	—	25.5	42	0	139
Shebîn el Kôm	00	8	10	4	1	1	8	8.6	35.2	19	0	50	6	10	2	5	5	9	9.8	25.1	44	dr	—
Cairo: Almaza	01	8	08	4	1	4	4	7.1	35.0	10	0	14	5	32	4	1	8	4	8.5	28.9	26	dr	141
Cairo: Ezbekîya	02	7	12	2	1	5	8,6,1	7.2	35.3	20	0	93	5	30	6	9	8	9	8.6	26.0	50	dr	—
Cairo: Gîza	01	8	02	2	5	4	8	6.8	35.5	18	dr.	51	5	02	5	3	4	5	8.4	27.7	30	dr	—
Helwân	01	7	10	4	5	4	4	6.8	34.8	10	dr.	98	0	28	9	9	8	9	6.0	30.9	13	0	143
Suez	01	9	08	1	1	4	1	9.9	33.7	20	0	01	9	06	1	1	4	1	8.8	25.4	48	0	144
Faiyûm	02	8	08	2	2	6	5	6.3	37.8	14	0	07	8	00	0	2	6	9	4.6	29.9	34	0	153
Minya	01	8	32	2	1	4	4,5	6.4	36.0	25	0	01	8	00	0	1	4	4	4.7	29.0	34	0	154
Asyût	00	8	08	1	1	0	—	6.7	37.2	15	0	00	6	20	1	0	0	—	5.3	27.2	36	0	155
Nag Hamâdi	00	8	00	0	0	0	—	6.8	37.7	17	0	00	8	00	0	0	0	—	5.8	37.6	15	0	164
Qena	01	9	22	2	0	3	1	5.2	40.0	16	0	00	6	08	1	1	0	—	4.6	32.0	21	0	156
Luxor	00	7	26	2	0	0	—	5.8	39.5	20	0	00	6	28	2	0	0	—	5.0	28.2	27	0	157
Aswân	00	9	20	1	0	0	—	4.3	39.0	08	0	00	9	00	0	0	0	—	4.4	34.0	10	0	158
Sîwa	00	7	12	6	0	0	—	3.6	39.0	24	0	00	—	24	5	0	0	—	1.8	31.0	42	0	148
Baharîya	01	9	00	0	1	4			32.0	33	0												149
Khârga	00	9	16	1	0	0	—	7.1	39.8	20	0	00	9	32	1	0	0	—	—	34.3	20	0	151
Dâkhla	00	9	24	2	0	0	—	5.4	38.7	18	0	00	7	28	2	0	0	—	5.2	29.2	14	0	152
Tôr	00	7	26	4	0	0	—	4.2	30.2	32	0	00	7	28	3	0	0	—	6.8	25.1	62	0	145
Hurghâda	00	9	02	3	0	0	—	8.2	30.2	47	0	00	9	00	0	0	0	—	7.3	28.3	55	0	146
Quseir	00	8	32	2	0	0	—	7.9	31.0	33	0	00	8	32	1	0	0	—	7.6	28.8	27	0	147
Port Sudân	01	8	08	4	0	3	6,1	6	31	70													169
Wâdi Halfa	00	8	32	2	0	0	—	4	38	09													165
Kareima	00	8	26	2	0	0	—	4	40	06													166
Atbara	00	8	24	3	0	0	—	1	42	06													167
Khartûm	00	8	24	4	0	0	—	3	39	04													168
Kassala	00	8	22	2	0	1	8	1	42	11													170
Wad Medani																							171
Renk	03	9	12	3	1	8	8	—	39	23													182
Roseires	01	8	30	3	1	4	4	6	38	33													172
El Obeid	01	9	24	3	0	3	8	3	38	29													174
El Fâsher	01	9	04	2	1	4	6,2	—	37	13													175
Geneina	01	9	08	1	0	3	8	—	37	11													179
Kadugli	01	8	20	2	1	4	4	6	37	13													187
Malakâl	00	8	14	3	1	3	8,4	6	34	39													176
Wâu																							177
Juba	01	8	16	1	1	4	8,4	7	33	53													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.

29th:

(first column) 12h 45m	Minya 13h / 13	(column) 13h	El Obeid 13h	Malakal 13h 15m	Juba 13h 30m
03 10 35	03 11 10 03 00 00	09 30 15	09 27 25	09 20 10	09 18 05
06 11 40	06 12 20 09 00 00	15 30 15	15 25 30	15 19 15	15 16 05
09 12 40	09 12 30 15 09 05	21 27 15	21 27 30	21 20 05	21 15 15
15 16 35	12 12 35 21 08 15	27 25 45	27 26 35	27 35 10	33 03 15
21 18 50	15 13 25 27 05 15	33 24 35	33 30 10	33 36 15	39 14 05
	21 18 25 30 05 05	39 25 30	39 26 20	39 07 10	
	27 21 25				
	33 24 25				
	36 25 30				

Humidity / Grass minimum

Station	% Humidity 29th	Diff. from normal	Vap. press. 29th	Diff. from normal
Alexandria	37	-32	17.0	+0.4
Ezbekiya	44	-7	18.7	+1.8
Giza	37	-16	17.8	+1.3
Helwân	25	-14	16.5	+1.6

GIZA — Grass Minimum Temp. 30th

CAIRO — 30th 21.9°

	1946	1945
30-4	984	926
29-4	984	926

River gauges — 30th:

Gauge	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba			12.96	-0.47
Nasser			4.99	-0.57
Malaka	9.48	-0.57	9.50	-0.55
J. Aulia Res.			373.36	—
J. Aulia D.S.			371.58	+0.71
Roseires	11.67	+0.25	11.59	+0.18
Sennar Res.			15.31	—
Khartûm	10.40	+0.15	10.39	+0.14
Kh. el Girba				
Atbara	10.34	+0.36	10.36	+0.38
Kajnarti			132.45	+0.67
Aswân Res.	119.98	—	119.99	—
Aswân D.S.	85.14	-0.48	85.14	-0.48
Roda (Cairo)	15.86	+0.39	15.79	+0.32

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

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.	Min. Today °C	Diff. from norm.	% Humidity	Rainfall Past 24h mms	Total mms	Normal mms
Sallûm																		96
Matrûh	00	9	08	3	3	0	—	3.1	-11.1	20.8	25	+1	18	+3	78	dr.	90	156
Mariut	05	5	07	5	0	0	—	3		24	35	—	20	—	47	dr.	181	138
Alexandria	00	7	08	5	0	0	—	2.8	-11.3	23.8	33	+8	20	+4	49	dr.	165	183
Damietta	01	6	06	5	2	3	4	4.8	-9.1	23.2	32	—	21	—	63	0	68	103
Port Saʿîd	14	7	02	6	3	4	4	4.7	-8.2	22.1	31	+6	21	+5	67	dr.	45	77
El ʿArîsh																		91
Damanhûr	14	5	12	7	0	0	—	3.1	-10.9	25.3	36	+8	19	+5	40	dr.	81	98
Mansûra	00	8	04	3	0	0	—	3.9	-10.2	25.0	36	+7	20	+6	46	0	27	52
Tanta	00	8	08	2	0	0	—	3.1	-11.0	24.2	35	+5	19	+6	45	0	59	40
Zagazig	00	6	04	4	0	0	—	—	—	26	33	+3	20	+7	41	0	9	26
Shebîn el Kôm	00	8	04	4	0	0	—	2.6	-11.6	24.1	35	—	19	—	44	dr.	19	—
Cairo: Almaza	05	6	19	2	0	0	—	2.3	-11.5	29.2	36	—	23	—	19	tr.	3	—
Cairo: Ezbekîya	18	4	18	5	3	0	—	2.3	-11.5	28.9	36	+6	24	+9	29	dr.	3	24
Cairo: Gîza	09	6	14	2	0	0	—	2.3	-11.5	28.3	37	+7	20	+8	31	dr.	15	24
Helwân	05	5	14	3	3	0	—	2.6	-10.8	27.4	35	+5	17	+1	25	1	6	27
Suez	00	9	18	1	0	0	—	3.6	-9.7	27.3	35	+5	22	+5	38	0	—	16
Faiyûm	12	6	22	4	0	0	—	3.1	-10.3	26.3	38	+6	20	+5	31	0	8	6
Minya	00	9	24	2	0	0	—	4.8	-8.0	27.8	37	+5	21	+6	26	0	dr.	—
Asyût	00	7	26	2	0	0	—	6.7	-6.1	28.7	37	+4	23	+7	20	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	7.5	-4.5	26.8	38	—	18	—	35	0	1	—
Qena	00	7	28	1	0	0	—	6.3	-5.1	28.6	41	+4	20	+2	33	0	13	—
Luxor												—		—			0	
Aswân	00	9	16	1	0	0	—	7.0	-4.5	28.7	40	+3	23	+2	29	0	dr.	8
Sîwa	00	7	24	6	0	0	—	7.5	-7.2	24.0	41	+9	15	+1	46	0	1	8
Baharîya	00	9	24	1	0	0	—	3.4	-10.6	25.0					68	0	0	7
Khârga	00	9	08	1	0	0	—	8.2	-3.9	27.7	40	+4	19	+1	26	0	1	
Dâkhla	00	7	28	3	0	0	—	8.3	-4.6	25.9	39	+3	22	+5	26	0	0	
Tôr	00	7	12	3	0	0	—	5.8	-5.6	26.3	35	+6	20	+2	55	0	0	13
Hurghâda	00	9	00	0	0	0	—	8.6	-3.1	28.4	32	+1	21	+3	44	0	1	3
Quseir	00	8	32	1	0	0	—	5.9	-5.5	27.0	32	+3	21	-1	31	0	11	4
Port Sudân	00	8	00	0	0	0	—	8		31					66	0	18	96
Wâdi Halfa	00	8	00	0	0	0	—	8		27					28	0	tr.	
Kareima	00	8	18	1	0	0	—	9		27					16	0	7	1
Atbara																0	8	3
Khartûm	00	8	32	2	0	1	1	8		29					12	0	3	5
Kassala	00	8	14	2	0	0	—	8		31					16	0	31	11
Wad Medani	00	9	18	3	0	0	—	7		32					29	0	13	14
Renk	01	8	16	3	1	4	4	8		30					49		—	
Roseires	00	8	04	1	6	0	—	10		28					58	35	118	56
El Obeid	03	7	18	2	1	8	4	8		31					46	0	44	53
El Fâsher																0	2	18
Geneina	00	8	00	0	0	0	—	—	—	23	—		—		20	—	—	6
Kadugli	02	8	20	2	2	5	4	10		30					55		—	7
Malakâl	01	8	16	4	1	4	4	11		27					66	0	213	108
Wâu	01	8	12	2	1	3	4,7	11		27					66	0	113	235
Juba	22	8	14	2	6	8	6,4,5	16		21					100	17	362	305

Upper Winds are in the Code HHDDVV where HH is Height 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:

Matrûh 7h	Mariut 7h	Helwân 9h 15m	Minya 7h	Asyût 7h	Luxor 7h	Aswân 7h	Wâdi Halfa 7	Abu Hamad 7	Kareima 7
03 06 35	03 08 75	02 29 40	03 25 30	02 26 25	03 18 20	05 16 25	09 36 25	03 34 15	09 34 30
06 07 45	06 09 75	05 19 55	06 27 45	05 27 40	06 19 25	10 25 05	15 33 20	09 34 30	15 32 15
09 07 60	09 11 75	08 19 25	09 30 30	10 27 25	09 20 30	15 27 30	21 32 15	15 34 30	21 26 35
12 08 35			15 29 50		15 24 45	20 24 15	27 28 10	21 34 30	24 26 45
15 08 30					18 24 45		33 28 20	27 33 25	27 35 65
					30 24 40		37 27 20	33 31 25	
					36 23 35				

Kassala 6h 30m	Port Sudân 7h	El Obeid 7h	Malakal 7h
09 34 15	09 23 15	09 20 20	09 17 55
15 33 25	15 23 15	15 20 35	15 20 35
21 33 25	21 20 05	21 23 20	21 20 15
27 27 30		27 31 10	24 04 10
33 26 35		33 31 15	33 36 20
39 26 50		39 29 05	37 35 35

Upper winds at Almaza — Height (feet): Surface, 500, 1000, 1500, 2000, 4000, 6000, 8000, 10000, 12000, 14000, 16000

30th:
34782 03073 16228 09191 30502 00/10
34807 02995 08125 10200 76702 00/30

PRESENT WEATHER (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	0
Thunder, no rain	1
Distant Duststorm	2
Squally	4
Slight Duststorm	3
Rain in past hour	29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89

Wind force: Calm; Almost calm; Very light; Light; Moderate; Fresh; Strong; Very strong; Gale; Strong gale; Whole gale; Storm; Hurricane

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

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

Annual Subscription P.T. 150
Printed ... 1945 ...

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 13 h. m.
Sunset 18 32

Month ~~May~~ April 1946 — شهر مايو ١٩٤٦

STATION	14h ww	14h V	14h Dir.	14h Force	14h W	14h N	14h C	14h Bar Press M.S.L. 1000+ mbs.	14h Temp °C	14h % Humidity	14h Rain 8-14 mms	20h ww	20h V	20h Dir.	20h Force	20h W	20h N	20h C	20h Bar Press M.S.L. 1000+ mbs.	20h Temp °C	20h % Humidity	20h Rain 14-20 mms	Station Number
At 14h. on Tuesday 30-4 (الساعة ١٤ يوم الثلاثاء ٣٠-٤)												At 20h. on 30-4											
Salûm																							130
Matrûh	00	9	28	3	0	0	—	5.6	22.0	79	0	00	8	00	0	0	0	—	6.6	18.5	80	0	131
Mariut	18	6	04	5	0	0	—	2	25	47	0	00	7	01	3	0	0	—	4	20	64	0	150
Alexandria	00	8	04	4	0	0	—	1.4	23.6	55	0	00	5	04	3	0	0	—	5.9	18.8	79	0	132
Damietta	05	6	06	4	1	0	—	1.8	24.0	77	0	05	6	04	3	0	0	—	1.2	20.8	82	0	159
Port Saîd	14	7	06	5	3	0	—	1.6	24.5	65	0	00	7	06	3	0	0	—	1.0	21.9	69	0	134
El Arîsh																							135
Damanhûr	00	5	28	5	0	0	—	0.8	33.3	30	0	00	6	28	4	0	0	—	2.8	20.0	68	0	136
Mansûra	00	8	04	4	0	0	—	1.5	32.0	34	0	00	6	02	3	0	0	—	99.9	22.6	63	0	137
Tanta	01	8	12	1	1	4	8	1.0	33.8	26	0	01	8	16	1	1	4	8	1.6	24.3	52		138
Zagazig	00	6	16	4	0	0	—	1.5	32.2	21	0	00	6	32	2	0	0	—	0.2	22.2	73	0	139
Shebîn el Kôm	05	5	20	6	3	0	—	0.0	34.2	47	0	01	6	20	2	2	4	0	0.4	25.0	60	0	—
Cairo Almaza	18	5	22	6	0	0	—	0.6	34.7	06	0	18	4	24	5	3	0	—	1.1	30.1	17	0	141
Cairo Ezbekiya	12	6	16	4	3	0	—	1.2	34.2	13	0	00	6	24	4	3	0	—	2.2	28.0	39	0	—
Cairo Gîza	00	8	18	4	3	0	—	1.2	34.9	13	0	00	7	26	2	0	0	—	2.4	27.4	25	0	—
Helwân	05	6	20	5	0	0	—	1.1	33.7	08	0	05	5	24	4	0	0	—	2.3	28.0	28	0	143
Suez	00	9	16	2	0	0	—	1.6	29.8	38	0	02	9	16	1	2	5	2	2.0	30.0	24	0	144
Faiyûm	18	4	22	5	3	0	—	2.0	34.7	16	0	12	6	26	4	3	0	—	2.7	28.0	27	0	153
Minya	00	9	24	3	0	0	—	4.3	35.0	15	0	00	8	30	2	0	0	—	4.3	26.9	25	0	154
Asyût	00	7	22	2	0	0	—	5.4	34.3	08	0	00	6	20	1	0	0	—	5.4	28.1	17	0	155
Nag Hamâdi	00	8	00	0	0	0	—	5.2	36.7	12	0	00	8	00	0	0	0	—	5.5	25.9	32	0	164
Qena	00	9	26	2	0	0	—	4.0	39.0	11	0	00	6	24	1	0	0	—	4.8	27.4	27	0	156
Luxor	00	7	26	5	0	0	—	4.8	39.0	11	0	00	6	28	3	0	0	—	5.4	32.3	16	0	157
Aswân	00	9	24	1	0	0	—	4.3	40.2	04	0	00	9	24	1	0	0	—	5.6	32.0	11	0	158
Sîwa	00	8	24	4	0	0	—	7.1	31.2	48	0	00		00	0	0	0	—	6.0	23.0	56	0	148
Baharîya	00	9	24	2	0	0	—	5.1	33.0	50	0												149
Khârga	00	9	23	1	0	0	—	—	36.8	12	0	00	9	30	1	0	0	—	7.1	27.4	33	0	151
Dâkhla	00	7	28	5	0	0	—	5.5	37.1	18	0	00	7	32	2	0	0	—	—	28.8	15	0	152
Tôr	00	7	12	5	0	0	—	3.9	34.9	49	0	00	7	12	4	0	0	—	4.3	25.2	62	0	145
Hurghâda	00	9	12	6	0	0	—	5.4	27.2	65	0	00	7	12	3	0	0	—	5.9	25.6	71	0	146
Quseir	00	8	08	3	0	0	—	5.2	26.6	66	0	00	8	08	3	0	0	—	5.1	26.0	67	0	147
Port Sûdân	00	8	04	3	0	2	6	6	31	78	0												189
Wâdi Halfa	00	8	24	2	0	0	—	6	40	08	0												165
Kareima	00	8	32	1	0	0	—	5	41	04	0												166
Atbara	00	8	22	1	0	0	—	4	41	04													167
Khartûm	00	8	28	2	0	0	—	5	39	09													168
Kassala	00	8	24	3	0	0	—	3	40	10													170
Wad Medani	00	8	30	4	0	3	8	4	41	04													171
Renk	01	9	12	3	1	4	9	2	38	31													182
Roseires	01	8	20	2	0	4	8	—	39	30													172
El Obeid	01	9	18	3	1	4	8	3	39	13													174
El Fâsher	06	9	32	3	0	2	8,2	—	39	05													175
Geneina	00	9	16	2	0	3	8	—	38	10													179
Kadugli																							187
Malakâl	01	8	16	3	1	4	8,4,1	7	37	31													176
Wâu																							177
Juba	52	8	10	2	5	8	9,8	12	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 30-4 (٣٠-٤)

Matrûh 13 h. m.	Mariut 13 h. m.	Port Saîd	Almaza	Minya 13 h. m.	Luxor 13 h. m.	Hurghâda	Wâdi Halfa	Kareima 13 h. m.	Khartûm	Kassala 12 h. 45 m.	El Obeid 13 h. m.	Malakal 13 h. m.	Juba
03 03 35	03 09 20			03 23 20	03 26 25			09 19 20		09 25 05	09 28 20	09 09 02	
06 06 40	06 12 35			06 26 20	06 26 55			15 22 20		15 28 15	15 29 05	15 06 05	
09 07 60	09 09 40			09 25 20	09 27 25			21 21 15		21 24 10	21 28 10	21 06 05	
12 08 70				15 26 45	15 28 30					27 25 20	27 29 15	24 13 02	
				21 27 50	18 28 30					33 22 10	33 31 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 30-4	Diff from normal	Wet bulb temp on 30-4	Diff from normal
Alexandria	80	+11	17.3	+0.6
Ezbekiya	30	−21	18.3	+1.3
Giza	25	−26	17.5	+0.9
Helwân	22	−17	16.5	+1.5

GÎZA — Grass minimum temp on 1st:

CAIRO — Water temp River Nile at 9h. on 1st: 22.0

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
1-5	984	926
30-4	984	926

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				13.03	−0.42
Nasser				5.08	−0.51
Malakâl	1-5	9.48	−0.58	9.48	−0.57
J. Aulia Res				374.24	
J. Aulia D.S.				371.55	+0.68
Roseires		11.63	+0.21	11.67	+0.25
Sennar Res.				15.29	
Khartum				10.40	+0.15
Kh. el Girba					
Atbara				10.34	+0.36
Kajnarti				132.42	+0.54
Aswân Res.		119.95		119.98	
Aswân D.S.		85.14	−0.48	85.14	−0.48
Roda (Cairo)		15.86	+0.39	15.86	+0.39

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

STATION	ww	V	Dir.	Force	W	N	C	M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yester day °C	Max. Diff. from norm	Min. Today °C	Min. Diff from norm	% Humidity	Rain Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
At 8h. on Wednesday 1st (الساعة ٨ يوم الأربعاء أول)																		
Salûm												—		—				96
Matrûh	00	9	04	1	0	0	—	5.4	−8.6	19.2	25	+1	14	−1	85	0	90	159
Mariut	01	7	31	2	1	5	8,6,1	5		21	30	—	13	—	74	0	181	138
Alexandria	01	9	00	0	2	4	4	5.1	−9.0	20.8	30	+5	17	+1	75	0	165	184
Damietta	00	7	02	2	1	2	3	4.6	−9.3	21.7	25	—	17	—	70	0	68	104
Port Saîd	00	8	02	2	0	1	1	4.8	−8.1	21.4	25	0	19	+3	67	0	45	78
El Arîsh																		92
Damanhûr	01	6	12	3	1	4	1	5.1	−8.8	21.0	34	+5	14	0	78	0	81	99
Mansûra	01	8	02	1	1	3	0	5.1	−8.9	21.6	34	+4	14	0	69	0	27	53
Tanta	00	8	20	1	0	0	—	5.5	−8.6	23.4	34	+4	13	0	60	0	59	41
Zagazig	02	6	32	2	1	5	8	5.5	−8.7	22.8	32	+2	15	+2	66	0	9	26
Shebîn el Kôm	00	8	28	1	0	2	0	4.3	−9.9	21.4	35	—	15	—	68	0	19	—
Cairo Almaza	02	7	03	1	1	5	4	4.5	−9.3	22.8	36	—	17	—	55	0	3	—
Cairo Ezbekîya	05	6	22	2	1	5	2	5.1	−8.7	22.7	35	+4	17	+2	60	0	3	25
Cairo Gîza	07	6	18	1	1	4	8,5	4.8	−9.0	22.3	35	+4	16	+2	63	0	15	25
Helwân	05	5	00	0	2	5	5	5.1	−8.3	20.8	34	+3	16	0	61	0	6	28
Suez	01	9	02	1	1	3	1	5.4	−7.9	21.6	35	+4	18	+1	67	0	—	16
Faiyûm	02	8	22	3	2	6	5	5.5	−7.9	21.8	35	+3	15	0	66	0	8	8
Minya	02	8	28	2	2	8	2	5.0	−7.8	22.1	36	+3	18	+3	57	0	dr.	—
Asyût	00	7	12	1	0	0	—	6.0	−6.7	26.2	36	+3	18	+1	32	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	6.0	−6.0	26.0	37	—	15	—	40	0	1	—
Qena	00	7	10	2	0	0	—	5.8	−5.6	25.4	40	+3	17	−1	22	0	13	—
Luxor																		
Aswân	00	9	00	0	0	0	—	5.8	−5.6	26.0	41	+4	22	0	30	0	dr.	
Sîwa	00	7	00	0	0	0	—	6.8	−6.0	22.8	33	+1	16	+2	60	0	1	8
Baharîya	00	9	16	1	0	0	—	4.8	−9.1	24.0	34	+1	17	+2	60	0	0	7
Khârga	00	9	00	0	0	2	1	5.5	−6.6	26.5	39	+3	19	+1	32	0	1	—
Dâkhla	00	8	08	2	0	0	—	4.2	−8.6	24.4	39	+3	19	+2	25	0	0	
Tôr	00	7	04	3	0	0	—	5.0	−6.4	25.3	36	+6	20	+2	63	0	0	13
Hurghâda	00	9	00	0	0	0	—	—	—	29.2	31	0	18	0	46	0	1	3
Quseir	00	8	08	1	0	0	—	4.8	−6.5	29.2	30	+1	21	−1	40	0	11	4
Port Sûdân	00	8	00	0	0	1	6	7		31					74	0	18	96
Wâdi Halfa	00	8	00	0	0	0	—	6		27					27	0	tr.	—
Kareima																0	7	1
Atbara	00	8	32	2	0	0	—	6		32					15	0	8	4
Khartûm	00	7	20	1	0	0	—	8		29					12	0	3	5
Kassala	00	7	20	2	0	0	—	6		32					13	0	31	12
Wad Medani																0	13	15
Renk	00	8	18	3	0	0	—	7		29		—		—	05		—	57
Roseires	00	8	16	1	5	0	—	—		29					06	5	123	54
El Obeid	00	8	12	3	1	3	2	8		29					05	0	44	19
El Fâsher	01	9	10	1	1	3	1	—	—	25					42	0	2	7
Geneina	01	8	18	1	0	3		—	—	26		—		—	25	—	—	8
Kadugli	00	8	28	3	1	3	1	10		27		—		—	66	—	—	109
Malakâl	00	8	00	0	0	0	—	9		27					70	0	213	124
Wâu																0	113	238
Juba	02	8	14	3	1	8	2	11		24					84	tr.	362	310

Upper Winds are in the Code HHDDVV where HH is Height 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 1-5 (١-٥)

Matrûh 6 h. 45 m.	Mariut	Port Saîd	Helwân 9 h. 15 m.	Minya 7 h.	Asyût 7 h.	Luxor 7 h.	Aswân	Wâdi Halfa 7 h.	Abu Hamad	Kareima	Khartûm
03 13 20			02 20 05	03 10 10	02 06 40	03 06 15		06 22 05			
06 11 30			05 16 20	06 03 15	05 05 35	06 07 10		09 19 20			
09 06 25			08 12 15	09 06 05	10 06 15	09 05 05		15 18 20			
15 33 30			10 07 15	12 21 15		15 35 20		21 20 05			
21 31 35			15 20 05	15 29 15		21 31 25		24 33 05			
			20 30 40			27 30 20		27 02 20			
			23 29 45			30 28 30					
			25 28 50			39 29 85?					
			27 28 55			45 29 80?					

Kassala	Port Sûdân	El Obeid 8 h. 15 m.	El Fâsher	Geneina	Malakal
		09 21 15			
		15 22 15			
		18 23 25			
		21 20 05			
		24 01 10			
		33 25 05			
		36 27 20			

UPPER AIR TEMP — ALMÂZA at 24h G.M.T. on 30-4

Height feet	P P P mb.	T T	
Surface	995.4	.65	.62
500	.978	.60	.59
1000	.961	.58	.57
1500	.943	.62	.49
2000	.926	.67	.52
4000	.860	.61	.48
6000	.798	.57	.37
8000	.740	.49	.32
10000	.685	.40	.29
12000	.633	.30	.23
14000	.565	.21	.18
16000	.540	.11	.9

CYPRUS SYNOPTIC 8h on 1st

34713 01872 18213 01241 40000 00130
34812 01983 26214 03230 70802 00160

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PRESENT WEATHER	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	15
Rain in past hour	20-28
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	47
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	[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	98
Heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	[illegible]
Variable sky	[illegible]
Mainly overcast	[illegible]
Sandstorm, 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 "	[illegible]
500 "	2
1 Kilometre	3
2 "	[illegible]
4 "	[illegible]
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD AMOUNT (N)	
Clear	[illegible]
Trace	[illegible]
1 Tenth	2
2, 3 Tenths	[illegible]
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	[illegible]
Over 9 Tenths	7
Overcast	8
Fog or Dust	[illegible]

CLOUD FORM (C)	
Cirrus	[illegible]
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	[illegible]
Alto-stratus	[illegible]
Strato-cumulus	6
Nimbo stratus	[illegible]
Cumulus	[illegible]
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 03 h. 12 m. Sunset 18 h. 32 m.

Month May 1946 — ١٩٤٦ شهر مايو

STATION	At 14h. on Wednesday 1st — Present Weather (ww)	Visibility (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 1st — Present Weather (ww)	Visibility (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																							
SALUM																							130
MATRÛH	00	1	06	3	0	0	–	3.6	22.2	78	0	00	8	28	4	0	0	–	5.1	18.8	92	0	131
MARIUT	02	7	01	3	2	5	6,4	5	24	54	0	00	7	06	2	0	0	–	4	17	64	0	150
ALEXANDRIA	01	9	06	2	2	4	8	4.0	23.0	66	0	00	5	06	1	0	0	–	3.5	19.0	63	0	132
DAMIETTA	02	8	32	3	2	7	6	4.3	23.2	59	0	01	7	02	3	1	4	4	4.0	20.0	83	0	159
PORT SAÏD	02	8	32	2	2	6	0	4.3	23.0	61	0	01	8	32	2	1	4	0	4.2	20.0	76	0	134
EL ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	6	08	2	1	5	8	4.3	27.0	43	0	00	6	04	2	1	0	–	—	19.8	72	0	136
MANSÛRA	03	7	18	2	2	8	0	4.6	26.2	45	0	00	6	02	2	2	0	–	3.6	20.0	66	0	137
TANTA	00	8	16	1	0	0	–	3.9	28.1	31	0	00	8	20	1	0	0	–	3.2	22.2	62	0	138
ZAGAZIG	02	6	32	2	2	5	8	—	28.2	39	0	00	6	32	2	2	0	–	2.8	21.0	75	0	139
SHEBÎN EL KÔM	00	8	22	2	0	2	3	3.6	30.4	33	0	00	7	30	2	0	0	–	3.2	22.0	51	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	7	02	1	1	6	4,5	2.3	31.0	21	0	00	7	04	3	0	0	–	1.9	24.7	34	0	141
CAIRO EZBEKÎYA	02	7	30	3	1	7	5	2.6	31.2	32	0	00	7	02	4	0	0	–	2.2	24.0	48	0	—
CAIRO GÎZA												00	7	02	4	0	0	–	1.8	24.2	44	0	—
HELWÂN	05	6	28	3	2	6	4	1.5	32.1	20	0	05	5	02	7	0	0	–	0.7	24.1	38	0	143
SUEZ	01	9	32	1	1	4	2	3.9	28.4	35	0	00	9	28	2	0	0	–	2.4	24.6	42	0	144
UPPER EGYPT																							
FAIYÛM	02	8	30	1	2	5	5	2.3	30.0	36	0	00	8	02	5	0	0	–	0.2	26.8	37	0	153
MINYA	02	8	18	2	2	5	4	1.0	35.3	20	0	00	8	30	2	1	0	–	98.6	28.2	27	0	154
ASYÛT	00	7	12	1	0	0	–	1.9	36.5	16	0	00	6	28	1	0	0	–	99.9	31.1	13	0	155
NAG HAMÂDI	00	8	12	1	0	0	–	2.0	36.5	17	0	00	8	00	0	0	0	–	96.7	28.7	31	0	164
QENA	02	8	10	2	1	5	3	1.2	36.8	12	0	02	6	08	2	2	5	3	95.0	34.4	12	0	156
LUXOR	03	7	02	1	2	8	3	1.8	36.8	25	0	00	6	32	1	0	0	–	95.9	33.2	28	0	157
ASWÂN	02	9	16	3	1	5	1	0.4	39.0	07	0	02	9	16	5	1	5	6	97.2	38.0	12	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	–	6.7	30.0	55	0	00	–	28	3	0	0	–	6.3	25.0	61	0	148
BAHARÎYA	00	9	16	1	0	0	–	2.4	34.8	16	0												149
KHÂRGA	01	9	14	3	1	4	3	1.8	40.0	13	0	00	9	28	5	3	0	–	0.3	31.8	14	0	151
DAKHLA	00	7	24	6	0	0	–	0.7	39.8	14	0	00	6	28	4	0	0	–	—	26.8	21	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	–	5.0	30.1	36	0	00	7	12	5	0	0	–	98.4	23.3	33	0	145
HURGHÂDA	00	8	12	1	0	0	–	5.4	28.8	43	0	05	8	14	4	0	0	–	—	27.4	43	0	146
QUSEIR	02	8	12	4	2	6	5	3.9	26.4	73	0	03	8	12	4	2	8	5	0.4	24.6	73	0	147
PORT SUDÂN	00	8	06	4	0	3	8	4	32	–	0												208
NORTH SUDÂN																							
WÂDI HALFA	32	2	20	5	3	9	–	0	43	04	0												165
KAREIMA	00	8	24	1	0	0	–	3	42	06	0												166
ATBARA	00	8	04	3	0	0	–	3	42	09	0												167
KHARTÛM	00	9	30	2	0	0	–	3	41	10	0												209
KASSALA	00	8	06	1	0	0	–	2	41	13	0												170
CENTRAL SUDÂN																							
WAD MEDANI	00	8	08	1	0	2	8	2	41	07	0												171
RENK	01	9	12	3	1	4	8	—	38	25	0												182
ROSEIRES	01	8	32	1	0	5	4	3	38	14	0												172
EL OBEID	00	9	32	2	0	1	1	3	38	18	0												174
EL FASHER	01	9	04	3	1	3	2	—	39	16	0												175
GENEINA	01	9	12	3	1	3	8	—	38	18	0												179
KADUGLI	02	8	24	3	1	6	5	5	38	21	0												187
S. SUDÂN																							
MALAKAL	01	8	00	0	1	4	8,1	5	37	29	0												176
WAU																							177
JUBA	01	8	12	2	1	5	8,1	7	33	47	0												178

الساعة ١٤ يوم الاربعاء أول — الساعة ٢٠ يوم الاربعاء أول

STATION	At 8h. on Thursday 2nd — 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												—		—				96
MATRÛH	01	9	28	4	0	4	8	5.4	-8.8	18.4	23	-1	17	+2	88	0	90	154
MARIUT	00	8	29	3	0	1	4	5	—	21	25	—	15	—	65	0	181	138
ALEXANDRIA	00	9	02	2	0	0	–	5.1	-9.0	20.0	30?	+5	17	+1	66	0	165	184
DAMIETTA	01	8	30	4	1	4	4	3.2	-10.6	20.0	27	—	17	—	83	0	68	104
PORT SAÏD	01	8	28	3	1	3	6	3.2	-9.7	21.2	26	+1	19	+3	74	0	45	78
EL ARÎSH																	—	92
LOWER EGYPT																		
DAMANHÛR	01	7	04	3	1	3	8	3.8	-10.1	21.0	30	+1	14	0	72	0	81	99
MANSÛRA	01	8	32	2	1	3	0	3.8	-10.2	21.8	28	-2	15	+1	63	0	27	53
TANTA	00	8	02	2	0	0	–	3.8	-10.3	22.0	29	-1	13	0	67	0	57	41
ZAGAZIG	00	6	32	3	0	0	–	3.7	-10.5	22.0	30	0	14	+1	59	0	9	26
SHEBÎN EL KÔM	00	8	30	2	0	0	–	3.0	-11.2	20.6	31	—	14	—	36	0	19	
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	02	2	0	2	8	3.7	-10.0	19.4	34	—	16	—	71	0	3	—
CAIRO EZBEKÎYA	00	6	30	2	0	2	4	4.2	-9.5	24.9	32	+1	16	0	65	0	3	25
CAIRO GÎZA	00	7	30	3	1	2	8,5	3.8	-9.9	19.4	—	—	13	+1	74	0	15	25
HELWÂN	05	6	30	4	0	0	–	3.5	-9.9	18.9	33	+2	16	0	67	0	6	28
SUEZ	00	9	30	2	0	0	–	3.5	-9.8	22.0	33	+2	17	0	48	0	—	16
UPPER EGYPT																		
FAIYÛM	00	8	22	3	0	0	–	4.7	-8.7	21.0	33	+1	17	+2	66	0	8	8
MINYA	00	9	32	3	0	0	–	4.4	-8.4	21.7	36	+3	17	+2	44	0	tr	—
ASYÛT	00	6	28	3	0	0	–	5.1	-7.5	22.2	39	+6	19	+2	42	0	0	4
NAG HAMÂDI	00	6	24	1	0	0	–	4.6	-7.3	24.5	37	—	—	—	33	0	1	—
QENA	00	7	24	5	0	0	–	2.8	-8.5	26.2	39	+2	22	+4	31	0	13	—
LUXOR	00	7	28	4	0	0	–	3.0	-8.6	30.0	40	+2	22	+4	22	0	0	
ASWÂN	05	5	28	6	3	0	–	5.0	-6.4	25.0	40	+2	23	+1	14	0	tr	
WESTERN DESERT																		
SÎWA	00	7	28	4	0	0	–	9.9	-4.8	18.0	31	-1	14	0	80	0	1	8
BAHARÎYA																		7
KHÂRGA	00	9	28	4	0	0	–	7.5	-4.5	23.9	43	+7	21	+2	35	0	1	—
DAKHLA	00	6	28	5	0	0	–	9.5	-3.3	22.2	41	+5	18	+1	48	0	0	
RED SEA																		
TÔR	00	7	28	5	0	0	–	99.6	-11.8	24.2	—	—	20	+1	60	0	0	13
HURGHÂDA	00	8	30	5	0	0	–	2.7	-8.9	26.0	31	0	21	+3	47	0	1	3
QUSEIR	00	8	24	6	0	0	–	97.9	-13.4	29.6	30	+1	24	+2	21	0	11	4
PORT SUDÂN	00	9	12	3	4	3	4	4		31					74	0	16	96
NORTH SUDÂN																		
WÂDI HALFA	00	7	30	4	0	0	–	9		26					17	0	tr	—
KAREIMA	18	5	02	4	0	0	–	8		29					11	0	7	1
ATBARA	00	7	28	4	0	0	–	5		32					13	0	8	4
KHARTÛM	00	8	00	0	0	0	–	5		32					13	0	3	5
KASSALA	00	8	16	1	1	0	–	5		33					21	0	31	12
CENTRAL SUDÂN																		
WAD MEDANI	01	9	08	4	1	4	1	6		33					10	0	13	15
RENK	00	9	18	3	0	0	–	6		32	—		—		43	—	—	57
ROSEIRES	00	8	20	2	0	0	–	—		33					53	0	123	55
EL OBEID	00	9	18	3	0	0	–	6		31					33	0	44	19
EL FÂSHER	05	6	30	4	0	0	–	—	—	29					20	0	2	7
GENEINA	05	6	02	3	0	0	–	—	—	28	—		—		11	0	—	8
KADUGLI	00	8	04	2	0	1	1	8		32	—		—		43	—	—	110
S. SUDÂN																		
MALAKÂL	01	8	16	4	1	4	4	8		31					52	0	213	126
WÂU																	113	241
JUBA	02	8	00	0	6	8	4,5	13		23					84	4	368	315

الساعة ٨ يوم الخميس ٢

Upper Winds on 1st

Upper Winds are in the Code HHDDVV where HH is Height above 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 13 h.	PORT SAÏD	ALMÂZA	MINYA 13 h.	LUXOR 13 h.	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM 13 h.	KASSALA 13 h.	EL OBEID 13 h.	MALAKAL 12 h. 45 m.	JUBA 13 h. 30 m.
03 08 30	03 36 05			03 16 10	03 19 20				09 10 05	09 31 10	09 02 15	09 20 15	09 18 15
06 15 20	06 05 05			06 15 30	06 20 25				15 06 10	15 35 05	15 03 10	15 21 10	15 17 20
09 18 20	09 05 10			09 20 20	09 17 15				21 05 15	21 25 05	21 32 05	21 32 05	21 15 15
15 20 30	15 25 55			15 22 45	15 20 30				24 04 15	27 26 10	27 36 05	27 20 10	27 13 15
21 22 20				21 23 55	21 21 50				30 01 35		33 02 05	33 16 05	33 11 15
30 22 30				30 24 —	30 25 55				39 23 05			39 05 05	39 09 10
42 23 —					39 27 65								

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 7 h. 30 m.	MARIUT 7 h.	PORT SAÏD	HELWÂN 9 h.	MINYA	ASYÛT 7 h.	LUXOR 7 h.	ASWÂN 7 h.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD	KAREIMA 7 h.	KHARTÛM 7 h.
03 30 65	06 35 30		02 34 30		02 30 60	03 30 20	02 31 35	09 35 55		09 34 30	09 23 25
06 31 45	09 34 30		05 34 30		05 31 50	06 30 15	05 31 40			12 33 30	15 24 05
	12 35 05		08 33 35			09 31 20	10 32 30				18 26 15
	15 30 15		10 33 25			15 32 25					24 25 15
	18 29 20		15 31 25			18 32 45					30 33 05
	21 24 15		20 30 25								39 34 15
	24 21 20		21 27 20								
	27 24 15										
	30 28 35										

KASSALA 6 h. 45 m.	PORT SUDÂN 7 h.	EL OBEID 7 h. 30 m.	EL FÂSHER 7 h.	GENEINA 7 h.	MALAKAL 7 h.
09 19 25	09 21 35	09 22 30	09 03 35	09 05 40	09 19 35
15 19 20	15 22 50	15 22 15	15 24 05	15 03 45	15 19 35
21 29 15	21 23 35	21 28 05	21 21 15	18 08 30	
27 23 25	27 22 20	27 01 15	33 35 05		
33 26 10	30 25 15	30 02 20	36 35 10		

CYPRUS SYNOPTIC 8h. ON 2nd

34713 01873 20415 01211 40002 00110
34838 01892 08213 02191 39406 00110

UPPER AIR TEMP ALMÂZA AT 23 h. G.M.T. ON 1–2/5

HEIGHT (feet)	PPP (mb)	°F	°F
Surface	994	68	60
500	978	71	56
1000	959	70	54
1500	941	69	52
2000	924	69	52
4000	858	63	48
6000	796	53	41
8000	738	44	34
10000	684	38	29
12000	632	29	28
14000	584	25	23
16000	539	16	16

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	-1	17.3	+0.5
Ezbekiya	52	+1	18.4	+1.4
Giza	51	-2	17.4	+0.7
Helwân	47	+8	17.2	+2.1

GÎZA — GRASS MINIMUM TEMP ON — °C

CAIRO — WATER TEMP RIVER NILE AT 9h ON 2nd 22.3 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1946	1945
	2-5	984	926
	1-5	984	926

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1–2			13.50	+ 0.04
Nasser				6.17	- 0.45
Malakâl		9.48	- 0.59	9.48	- 0.58
J. Aulia Res				374.17	—
J. Aulia D.S.				371.51	+ 0.63
Roseires		11.60	+ 0.17	11.63	+ 0.21
Sennar Res.				15.26	—
Khartûm		10.39	+ 0.13	10.40	+ 0.14
Kh. el Girba					
Atbara		10.35	+ 0.36	10.34	+ 0.35
Kajnarti				132.42	+ 0.55
Aswân Res.		119.90	—	119.95	—
Aswân D.S.		85.14	- 0.49	85.14	- 0.48
Roda (Cairo)		15.77	+ 0.29	15.86	+ 0.39

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	13
Slight Duststorm	14
Rain in past hour	20-29
Slight Thunderstorm	23
Heavy Thunderstorm	24
Duststorm	30-39
Fog or Thick Haze	40-49
Fog in patches	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Rain and Snow	[illegible]
Snow	[illegible]
Showers	[illegible]
Thunderstorm	[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; Tenth; Overcast; Fog or Dust

CLOUD FORM (C)

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

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ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 h. 11 m.
Sunset 18 h. 33 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on THURSDAY 2nd الساعة ١٤ يوم الخميس ٢ — At 20h. on 2nd الساعة ٢٠ يوم الخميس

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																							
SALUM																							130
MATRUH	01	9	28	4	1	4	8	5.9	19.6	78	0	01		28	5	3	4	8	7.4	18.0	78	0	131
MARIUT	00	8	28	3	1	1	8	5	21	65	0	02	7	27	2	2	7	9,5	6	19	73	0	150
ALEXANDRIA	01	9	02	3	1	3	8	5.2	22.2	58	0	00	6	28	2	0	0	—	6.4	17.4	76	0	132
DAMIETTA	00	8	32	4	1	2	8	3.9	21.8	64	0	07	7	32	3	1	4	7,5	4.2	18.5	85	0	159
PORT SAÏD	00	8	28	4	0	0	—	3.9	24.3	60	0	01	8	28	2	0	4	6	4.4	19.0	75	0	134
EL ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	04	4	1	4	8	4.4	23.8	48	0	20	5	04	2	5	8	9	6.2	18.8	67	dr.	136
MANSÛRA	01	8	32	2	1	4	8	3.9	26.0	36	0	01	6	04	2	1	4	6	4.4	19.2	70	0	137
TANTA																							138
ZAGAZIG	01	6	24	2	1	4	8	—	27.2	42	0	02	6	32	2	9	6	9	5.0	19.0	70	2	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	3.2	27.7	36	0	01	7	30	3	5	4	9	2.8	21.0	—	dr.	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	8	27	1	1	4	8	2.9	27.1	31	0	07	7	06	4	8	4	8,9,6	3.6	21.0	55	dr	141
CAIRO EZBEKIYA	02	8	24	2	1	5	8	3.5	28.0	37	0	96	6	30	3	8	6	9	4.0	20.8	62	dr.	—
CAIRO GÎZA	01	8	30	2	1	4	8	3.5	27.2	33	0	96	7	30	4	9	4	9	3.8	21.2	55	dr.	—
HELWÂN	01	8	26	1	2	5	8	3.4	26.5	28	0	07	7	02	4	5	5	9	3.6	21.1	50	dr.	143
SUEZ	01	9	30	2	1	5	4,5	2.8	28.8	24	0	01	9	30	2	1	5	4,5	3.6	22.4	45	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	3	1	4	8	3.9	27.2	33	0	30	1	30	6	3	4	8	4.6	23.4	38	0	153
MINYA	00	9	26	3	0	0	—	4.6	30.2	22	0	00	8	30	1	0	0	—	6.2	22.3	35	0	154
ASYÛT	00	7	22	2	0	0	—	5.4	28.0	17	0	00	6	20	2	0	0	—	7.5	22.6	26	0	155
NAG HAMÂDI	00	8	24	1	0	0	—	5.1	28.7	25	0	00	8	24	1	0	0	—	6.8	23.7	28	0	164
QENA	00	9	24	5	0	0	—	—	32.0	18	0	00	6	24	2	0	0	—	4.8	24.3	32	0	156
LUXOR	00	7	26	5	0	0	—	4.8	32.0	24	0	00	6	28	3	0	0	—	6.0	25.7	38	0	157
ASWÂN	00	9	24	4	0	0	—	5.1	31.8	09	0	00	9	00	0	0	0	—	6.4	28.0	12	0	158
WESTERN DESERT																							
SÎWA	00	7	28	5	0	0	—	10.2	25.0	68	0	00		28	3	0	0	—	9.8	22.0	70	0	148
BAHARÎYA	00	9	24	1	0	0	—	6.2	25.5	29	0												149
KHÂRGA	00	9	28	2	0	0	—	—	30.0	18	0	00		28	3	0	0	—	8.3	25.2	22	0	151
DÂKHLA	00	8	26	4	0	0	—	8.0	27.8	31	0	00	6	28	3	0	0	—	10.0	22.6	32	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	0.8	30.1	31	0	00	7	28	3	0	0	—	2.6	26.3	44	0	145
HURGHÂDA	00	8	32	4	0	0	—	—	27.2	50	0	00	8	30	3	0	0	—	—	25.4	28	0	146
QUSEIR	00	8	24	5	0	0	—	0.3	34.0	18	0	00	8	28	3	0	0	—	2.8	31.2	24	0	147
PORT SÛDÂN	00	8	00	0	0	1	8	1	33	68													[illegible]
NORTH SÛDÂN																							
WÂDI HALFA	06	7	30	4	0	0	—	7	33	10													165
KAREIMA	00	7	30	3	0	0	—	6	36	09													166
ATBARA	05	4	30	3	0	0	—	3	40	08													167
KHARTÛM	05	8	22	3	0	0	—	3	42	06													[illegible]
KASSALA	00	8	28	3	0	1	1	0	43	11													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	24	4	1	2	8	1	43	05													171
RENK	01	9	18	3	1	4	9	1	41	16													182
ROSEIRES																							172
EL OBEID																							174
EL FASHER																							175
GENEINA	00	8	12	1	0	0	—	—	38	09													179
KADUGLI	01	8	28	1	1	4	4	4	40	17													187
S. SÛDÂN																							
MALAKÂL																							176
WAU																							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 2nd

MATRÛH	MARIUT	PORT SAÏD	ALMAZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. m.	12 h. 45 m.	12 h. 30 m.	h. m.	13 h. m.	13 h. m.	h. m.	13 h. 15 m.	12 h. 45 m.	13 h. m.	13 h. m.	13 h. m.	h. m.	h. m.
03 32 40	03 29 15	03 32 30		03 03 40	03 29 20		09 32 25	09 32 15	09 28 10	09 23 05	09 22 10		
06 32 45	06 29 15	06 35 15		06 29 20	06 30 35		15 30 50	15 31 45	15 28 15	15 26 15	15 27 05		
	09 26 20	09 33 15		09 28 30				21 29 20	21 24 05	21 24 10	24 28 05		
	12 24 25	15 25 20		12 29 30					24 23 05	27 23 05			
	15 23 25	21 24 25		15 28 30					30 21 05	33 18 05			
	18 22 25	27 23 40		18 28 35									
	21 24 25	30 24 35		21 28 45									
	24 26 20	36 23 55		24 27 55									
		45 01 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 2nd	Diff from normal	Wet Bulb Temp °C on 2nd	Diff from normal
Alexandria	70	+ 1	16.1	-0.8
Ezbekiya	62	+ 11	17.5	+0.4
Giza	62	+ 9	16.6	-0.2
Helwâr	55	+ 16	15.5	+0.3

GIZA — GRASS MINIMUM TEMP on 3rd — °C

Discharges at Aswan measured by sluices m³ per sec.	1946	1945
Date 3 - 5	984	984
Date 2 - 5	984	926

CAIRO — WATER TEMP RIVER NILE AT 9h. on 3rd 22.8 °C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3rd	13.92	+0.44	12.90	-0.57
Nâsser		5.31	-0.36	5.23	-0.42
Malakâl		9.48	-0.60	9.48	-0.59
J. Aulia Res				374.00	
J. Aulia D.S				371.52	+0.64
Roseires		11.63	+0.20	11.60	+0.17
Sennar Res.		15.29		15.27	
Khartûm		10.39	+0.13	10.39	+0.13
Kh. el Girba					
Atbara		10.35	+0.35	10.35	+0.36
Kajnarti		132.37	+0.52	132.43	+0.57
Aswân Res.		119.90		119.90	
Aswân D.S		85.14	-0.49	85.14	-0.49
Roda (Cairo)		15.82	+0.33	15.77	+0.29

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

At 8h. on FRIDAY 3rd الساعة ٨ يوم الجمعة 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.	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												—		—				97
MATRÛH	01	9	28	4	1	4	8	9.8	-4.4	18.4	20	-4	16	+1	80	0	90	159
MARIUT	01	8	26	3	1	4	8	8		21	22	—	17	—	65	0	181	138
ALEXANDRIA	01	9	30	5	1	4	8	8.4	-5.7	19.2	23	-2	17	0	68	0	165	184
DAMIETTA	21	8	24	3	6	4	7	7.5	-6.3	19.4	23	—	12	—	81	11	79	104
PORT SAÏD	21	8	20	4	6	4	6	7.9	-4.9	17.8	25	0	14	-2	79	26	71	78
EL ARÎSH																		92
LOWER EGYPT																		
DAMANHÛR	02	6	28	3	2	5	8	—	—	20.0	25	-4	14	0	78	1	82	99
MANSÛRA	01	8	29	2	8	4	0	8.2	-5.8	18.8	27	-3	14	0	81	30	57	53
TANTA																19	78	41
ZAGAZIG	01	6	32	2	9	4	8	—	—	20.2	32	+1	13	0	75			26
SHEBÎN EL KÔM	00	8	22	3	0	1	8	8.0	-6.2	18.9	29	—	14	—	75	11	30	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	7	25	3	1	5	6	9.4	-4.3	17.6	29	—	14	—	80	4	7	—
CAIRO EZBEKÎYA	01	7	26	3	1	5	8	9.6	-4.1	18.1	26	-3	14	-2	81	16	19	25
CAIRO GÎZA	01	7	26	3	1	4	8	9.9	-3.8	19.1	29	-2	11	-2	73	21	36	25
HELWÂN	01	7	26	3	1	4	8	10.0	-3.4	16.9	28	-3	13	-3	80	8	14	28
SUEZ	02	9	00	0	2	5	4,5	10.0	-3.2	19.8	30	-1	13	-4	65	4	—	16
UPPER EGYPT																		
FAIYÛM	01	8	26	3	1	3	8	10.4	-2.9	16.6	28	-5			63	0	8	8
MINYA	01	8	30	2	1	3	8	11.1	-1.6	21.6	30	-3	15	-1	47	0	dr.	—
ASYÛT	00	7	28	1	0	0	—	11.1	-1.5	20.1	30	-4	15	-2	47	0	0	4
NAG HAMÂDI	00	8	24	1	0	0	—			21.3	30	—	15	—	50	0	1	—
QENA	00	7	24	2	0	0	—	11.1	-0.2	22.4	35	-2	18	-1	36	0	13	—
LUXOR												—		—			0	—
ASWÂN	00	9	24	3	0	0	—	12.6	-1.3	22.6	33	-5	18	-4	26	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	20	2	0	0	—	14.6	-0.1	16.3	25	-7	13	-1	85	0	1	8
BAHARÎYA	00	9	00	0	0	0	—	14.3	+0.5	21.0	26	-5	18	+3	—	0	0	7
KHÂRGA	00	9	24	1	0	0	—	13.8	+1.9	21.6	32	-4	21	+2	41	0	1	—
DÂKHLA	00	7	28	2	0	0	—	14.4	+1.7	18.9	29	-7	14	-3	48	0	0	—
RED SEA																		
TÔR	00	8	28	5	0	0	—	8.7	-2.6	21.2	31	+1	20	+1	44	0	0	13
HURGHÂDA	00	8	28	3	0	0	—	8.2	-3.3	22.4	31	0	20	+2	26	0	1	3
QUSEIR	00	8	28	5	0	0	—	8.2	-3.0	23.7	36	+6	23	+1	32	0	11	4
PORT SÛDÂN	00	7	06	1	0	0	—	8		30					70	0	18	96
NORTH SÛDÂN																		
WÂDI HALFA	00	8	28	3	0	0	—	14		24					18	0	tr.	—
KAREIMA	00	7	32	4	0	0	—									0	7	1
ATBARA	18	6	28	4	0	0	—	11		27					13	0	8	4
KHARTÛM	00	5	32	4	0	0	—	11		28					14	0	3	5
KASSALA	00	8	24	1	0	0	—	9		29					20	0	31	12
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	2	0	0	—	8		31					11	0	13	15
RENK	00	9	18	3	0	0	—	8		29		—		—	46	—	—	58
ROSEIRES	00	8	28	1	0	0	—	—		26					66	0	123	57
EL OBEID	00	9	06	3	0	0	—	11		29					35	0	44	19
EL FÂSHER	01	8	16	1	1	4	1,2,2	—	—	26					30	0	2	7
GENEINA	00	8	04	3	0	0	—	—	—	26		—		—	25	—	—	8
KADUGLI	01	8	28	2	1	4	1	10		29		—		—	49	—	—	111
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	4	4	12		26					66	0	213	128
WAU																		245
JUBA																		320

Upper Winds are in the Code HHDDVV where HH is Height 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 SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	7 h. 15 m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. 15 m.	7 h. m.	7 h. m.	6 h. 30 m.
		03 25 35						09 33 40	09 32 55	09 33 35	09 35 65
		06 28 30						15 29 45	15 31 60	15 32 35	15 30 40
		09 28 30						21 30 50	21 29 40	21 33 25	18 29 35
		12 21 30						27 31 65	24 27 20	24 31 45	
		15 30 20						30 30 60		27 29 15	
										30 30 20	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	h. m.	8 h. m.	7 h. m.	6 h. 30 m.
	09 31 30		09 18 05	09 06 40	09 16 20
	15 31 25		15 14 20	15 08 20	15 17 20
	21 29 25		21 14 20	21 05 20	21 19 05
			27 09 20	27 11 20	27 34 15
			33 07 30	33 09 30	33 35 15
			39 07 15	29 08 15	

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

Height Feet	PPP mb	TT °C	Td °C
Surface	1008	59	57
500	991	59	54
1000	972	56	53
1500	954	55	52
2000	937	53	50
4000	871	49	43
6000	808	40	43
8000	749	32	29
10000	693	27	22
12000	641	22	18
14000	592	16	12
16000	541	7	4

CYPRUS SYNOPTIC 8h ON 3rd

34720 02673 32413 04171 30403
34810 02855 22105 06171 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	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at 50 metres	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

1417 F.C.

Time of Sunrise 05 h. 10 m. — Sunset 18 h. 34 m.

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on FRIDAY 3rd (الساعة ١٤ يوم ٣) — At 20h. on 3rd (الساعة ٢٠ يوم الجمعة 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
SALUM																							130
MATRUH	00	9	30	4	1	0	—	10.2	19.4	77	0	00	8	28	3	0	0	—	11.2	18.0	86	0	131
MARIUT	01	7	27	4	1	4	8	10	21	65	0	00	7	26	3	0	2	6	10	18	73	0	150
ALEXANDRIA	02	9	26	4	2	5	8	10.3	20.4	64	0	01	6	26	3	2	3	4	11.6	17.4	78	0	132
DAMIETTA	01	8	28	4	1	3	9	8.2	21.0	76	0	00	7	24	3	1	0	—	9.5	18.5	83	0	159
PORT SAID	01	8	28	5	1	4	8	7.9	23.0	69	0	00	8	28	3	0	0	—	10.0	19.4	82	0	134
EL ARISH																							135
DAMANHUR	01	7	32	4	1	4	8	9.9	23.2	48	0	00	7	28	3	1	0	—	10.2	17.2	79	0	136
MANSURA	02	7	28	2	6	5	9	8.6	23.0	52	3	00	6	04	2	2	0	—	10.6	18.5	69	0	137
TANTA																							138
ZAGAZIG	01	6	32	3	5	4	8	8.2	24.0	26	dr.	00	6	24	2	1	0	—	11.6	17.0	80	0	139
SHEBIN EL KOM	01	8	22	4	2	4	8	8.0	24.7	44	0	00	7	22	2	0	0	—	—	19.1	63	0	—
CAIRO ALMAZA	01	7	24	4	0	4	8	9.1	25.0	33	0	00	7	30	2	0	0	—	10.5	21.2	43	0	141
CAIRO EZBEKIYA	02	8	24	4	1	5	8	9.4	24.7	39	0	00	7	28	2	0	0	—	10.7	21.3	41	0	—
CAIRO GIZA	01	8	26	3	1	4	8	9.2	25.7	41	0	00	7	02	2	1	2	8	11.2	19.2	59	0	—
HELWAN	21	8	24	3	5	4	8	9.4	23.6	38	dr.	00	7	28	3	0	0	—	10.7	21.0	47	0	143
SUEZ	02	9	20	2	2	5	4	9.8	26.0	35	0	00	9	28	1	0	0	—	11.5	21.8	46	0	144
FAIYUM	01	8	26	4	1	3	8	9.5	26.0	32	0	01	8	00	0	1	3	8	10.2	22.3	54	0	153
MINYA	02	8	28	3	2	5	8	10.7	27.3	26	0	00	8	32	1	1	0	—	10.8	27.4	25	0	154
ASYUT	00	8	26	1	0	0	—	11.4	26.2	23	0	00	6	22	1	0	0	—	11.4	22.3	36	0	155
NAG HAMADI	00	8	24	1	0	0	—	11.4	26.6	29	0	00	8	00	0	0	0	—	12.4	21.0	47	0	164
QENA	00	9	24	3	0	2	1	10.3	28.4	26	0	00	6	24	1	1	0	—	11.9	22.8	36	0	156
LUXOR	00	7	22	5	0	0	—	11.2	29.0	29	0	00	6	28	3	0	0	—	12.0	24.0	42	0	157
ASWAN	00	9	32	2	0	0	—	8.8	31.0	13	0	00	9	00	0	0	0	—	11.8	27.5	14	0	158
SIWA	00	8	24	2	0	0	—	13.4	26.5	69	0	00	—	00	0	0	0	—	12.7	20.5	69	0	148
BAHARIYA												00	—	00	0	0	0	—	—	24.0	67	0	149
KHARGA	00	9	28	5	0	0	—	12.6	28.6	24	0	00	—	30	1	0	0	—	12.3	25.1	29	0	151
DAKHLA	00	8	32	3	0	0	—	12.3	27.6	32	0	00	7	28	2	0	0	—	13.5	24.9	36?	0	152
TOR	01	7	28	4	0	3	5	8.8	24.2	57	0	00	7	28	3	0	0	—	10.8	24.2	76	0	145
HURGHADA	00	6	32	4	0	0	—	10.7	25.0	16	0	00	8	32	2	0	0	—	11.1	21.8	25	0	146
QUSEIR	00	8	28	6	0	1	—	8.7	29.0	23	0	00	8	30	2	0	0	—	9.1	27.4	18	0	147
PORT SUDAN	18	6	04	5	0	0	—	8	32	55													[illegible]
WADI HALFA	00	8	26	3	0	0	—	11	28	14													165
KAREIMA	18	6	32	5	0	0	—	11	33	07													166
ATBARA	00	7	30	4	0	0	—	8	35	07													167
KHARTUM	05	5	30	4	0	0	—	8	37	09													[illegible]
KASSALA																							170
WAD MEDANI	02	8	32	3	0	7	1	6	43	04													171
RENK	00	9	24	3	0	0	—	7	43	20													182
ROSEIRES	00	8	12	1	0	0	—	7	43	25													172
EL OBEID	00	7	32	3	0	0	—	7	36	35													174
EL FASHER	00	7	02	2	1	0	—	—	36	18													175
GENEINA	00	8	04	4	0	0	—	—	38	02													179
KADUGLI	00	8	04	2	1	3	4	7	43	29													187
MALAKAL	01	8	18	1	1	4	8	7	38	29													176
WAU	00	8	08	1	1	3	8,2	6	36	33													177
JUBA	02	8	02	2	1	6	6,4	8	32	55													178

Upper Winds 3rd

Upper Winds are in the Code HHDDVV where HH is Height 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
13 h. m.	12 h. 45 m.	h. m.	h. m.	13 h. 15 m.	13 h. m.	h. m.	13 h. 15 m.	13 h. m.	h. m.	h. m.	h. m.	13 h. m.	13 h. 45 m.
03 30 40	03 28 90			03 22 05	03 28 25		09 30 30	09 33 35				09 18 10	09 05 15
06 29 40	06 26 60			06 31 15	06 29 35		15 31 40	15 33 50				15 18 10	15 09 30
09 29 50	09 23 40			09 30 25	09 30 30		21 32 60	18 32 65				21 13 10	21 15 15
12 30 45				15 28 30	15 29 25		27 31 40					24 13 20	27 10 30
15 30 45				21 30 35	21 29 40		30 30 65						33 08 30
18 30 55				24 30 40									36 07 25
				27 30 60									
				30 30 60									
				33 30 45									

Remarks

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

Mean of Day

Station	Humidity on 3rd	Diff from normal	Wet bulb temp on 3rd	Diff from normal
Alexandria	72	+3	15.8	-1.2
Ezbekiya	63	+12	16.2	-1.0
Giza	63	+10	16.2	-0.7
Helwan	61	+22	15.1	-0.2

GIZA — Grass minimum temp on 4th: °

CAIRO — Water temp. River Nile at 9h. on 4th 22.0 °C

Discharges at Aswan measured by sluices m³ per sec.	1946	1945
4th	984	984
3rd	984	984

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	4th			13.92	+0.44
Nasser				5.31	-0.36
Malakal		9.51	-0.57	9.48	-0.60
J. Aulia Res.					
J. Aulia D S					
Roseires		11.60	+0.16	11.63	+0.20
Sennar Res.				15.29	—
Khartum				10.39	+0.13
Kh. el Girba					
Atbara		10.35	+0.35	10.35	+0.35
Kajnarti				132.37	+0.52
Aswan Res.		119.86	—	119.90	—
Aswan D.S		85.14	-0.49	85.14	-0.49
Roda (Cairo)		15.84	+0.35	15.82	+0.33

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

At 8h. on SATURDAY 4th (الساعة ٨ يوم السبت 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	Rain Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
SALUM												—		—				97
MATRUH	00	9	24	2	0	0	—	11.9	-2.3	17.2	20	-4	12	-3	76	0	90	159
MARIUT	01	7	23	2	0	4	6	12		20	21	—	15	—	64	0	181	138
ALEXANDRIA	01	8	22	4	2	4	4	11.9	-2.2	18.4	22	-3	15	-2	79	0	165	184
DAMIETTA	01	7	22	4	1	4	8	10.7	-3.1	19.6	22	—	14	—	84	0	79	104
PORT SAID	02	8	28	3	2	5	6	11.9	-0.9	19.0	23	-2	16	0	79	0	71	78
EL ARISH																		92
DAMANHUR	02	6	28	4	2	5	8	11.5	-2.4	20.0	24	-5	14	0	75	0	82	99
MANSURA	02	7	30	2	2	5	9	11.9	-2.0	18.2	25	-5	13	-1	83	3	60	53
TANTA	01	8	20	2	1	4	8	12.4	-1.7	19.8	27	-4	13	-1	74	0	78	41
ZAGAZIG	00	6	16	2	0	0	—	—	—	20.8	25	-6	13	-1	75	dr.	9	26
SHEBIN EL KOM	00	8	22	2	0	1	8	11.1	-3.1	19.3	27	—	14	—	73	0	30	—
CAIRO ALMAZA	05	6	26	2	0	0	—	12.4	-1.2	19.3	26	—	15	—	61	0	7	—
CAIRO EZBEKIYA	05	7	00	0	0	0	—	12.7	-0.9	20.6	26	-5	15	-1	60	0	19	25
CAIRO GIZA	00	7	22	2	0	0	—	13.0	-0.7	20.7	26	-5	12	-1	62	0	36	25
HELWAN	00	7	00	0	0	0	—	12.7	-0.7	18.1	25	-6	14	-2	66	dr.	14	28
SUEZ	00	9	02	1	0	0	—	13.4	+0.2	19.6	28	-3	16	-1	64	0	—	16
FAIYUM	00	8	22	2	0	0	—	12.7	-0.5	23.1	27	-6	15	0	38	0	6	8
MINYA	00	9	16	1	0	0	—	13.0	+0.3	22.4	28	-5	15	-1	40	0	dr.	—
ASYUT	00	7	08	1	0	0	—	14.0	+1.5	23.5	28	-6	14	-3	35	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	14.2	+2.4	22.7	32	—	13	—	41	0	1	—
QENA	00	7	20	2	0	0	—	14.3	+3.1	22.6	30	-7	13	-6	40	0	13	—
LUXOR	00	7	22	2	0	0	—	14.6	+3.2	27.0	30	-8	14	-5	31	0	0	
ASWAN	00	9	00	0	0	0	—	14.2	+3.0	23.0	31	-7	17	-5	31	0	dr.	
SIWA	00	7	00	0	0	0	—	13.0	-1.7	20.0	29	-3	11	-4	72	0	1	8
BAHARIYA	00	9	00	0	0	0	—	14.2	+0.4	24.3	31	-2	18	+3	66	0	0	7
KHARGA	00	9	28	1	0	0	—	14.4	+2.5	19.6	30	-6	12	-7	49	0	1	—
DAKHLA	00	8	08	1	0	0	—	14.6	+1.9	18.8	29	-7	12	-6	40	0	0	—
TOR	00	7	00	0	0	0	—	12.4	+1.1	25.8	25	-5	15	-4	65	0	0	13
HURGHADA	00	8	28	3	0	0	—	12.7	+1.2	26.1	28	-3	16	-3	22	0	1	3
QUSEIR	00	8	28	2	0	0	—	12.2	+1.1	24.4	30	0	18	-4	39	0	11	4
PORT SUDAN	00	7	28	3	0	0	—	13		29					59	0	18	96
WADI HALFA	00	8	00	0	0	0	—	15		23					18	0	tr.	—
KAREIMA	00	8	04	1	0	0	—	14		23					18	0	7	1
ATBARA	00	7	32	4	0	0	—	13		26					17	0	8	4
KHARTUM	00	8	32	4	0	0	—	13		26					16	0	3	5
KASSALA	00	8	30	2	0	0	—	10		28					19	0	31	13
WAD MEDANI	00	9	32	5	0	0	—	11		28					10	0	13	15
RENK	00	9	14	3	0	0	—	9		29		—		—	—	—	—	58
ROSEIRES	00	8	28	1	1	0	—	12		28					35	0	123	59
EL OBEID	00	7	32	5	0	0	—	12		27					45	0	44	20
EL FASHER	00	8	02	1	0	0	—	—	—	23					34	0	2	7
GENEINA	00	8	04	4	0	0	—	—	—	27		—		—	09	—	—	9
KADUGLI	00	7	04	3	0	0	—	11		28		—		—	10	—	—	112
MALAKAL	05	6	02	3	0	0	—	9		31					17	0	213	130
WAU																0	113	249
JUBA	01	8	14	2	0	5	4,1	11		25					79	0	368	325

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

MATRUH	MARIUT	PORT SAID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
6 h. 45 m.	h. m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. 45 m.
03 28 30			02 24 05		02 20 05	03 24 05	05 01 15	09 01 20	09 35 40	09 02 40	09 01 65
06 28 30			05 25 20		05 34 10	06 33 05	10 32 30	15 35 50	15 34 50	15 01 70	15 01 30
09 29 35			08 26 25		10 31 20	09 31 15		21 33 55	21 33 40	18 36 70	
15 27 40			09 26 30		15 29 15	15 32 25			27 33 10	21 35 60	
					20 30 20	21 31 40			37 29 35	24 35 55	
						27 25 40					
						30 31 45					
						39 31 90					
						45 31 85					

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
h. m.	7 h. 15 m.	h. m.	7 h. m.	7 h. 15 m.	7 h. m.
	09 02 40		09 05 25	09 23 05	09 04 30
	15 04 25		15 06 55	15 36 15	
	21 06 35		21 03 30		
	24 05 30		27 11 05		
			30 20 15		

Upper Air Temp — Almaza at 23 h. G.M.T. on 3rd

Height feet	ppp mb.	TT °F	T'T' °F
Surface	1002	65	60
500	784	56	56
1000	966	58	55
1500	949	61	49
2000	932	60	48
4000	865	55	45
6000	803	45	39
8000	744	37	29
10000	689	30	29
12000	637	23	20
14000	589	19	18
16000	543	13	12

Cyprus Synoptic 8h. on 4th

34703 01961 20401 06211 40001 00080

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 „	[illegible]
500 „	2
1 Kilometre	3
[illegible]	[illegible]
[illegible]	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

Cirrus	[illegible]
Cirro-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. 07 m. Sunset 18 h. 35 m.

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Saturday 4th / At 20h. on 4th — الساعة ١٤ يوم السبت ٤ / الساعة ٢٠ يوم السبت 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 8-14 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
Salûm																							130
Matrûh	00	9	02	2	0	0	—	11.6	20.4	74	0	00	8	00	0	0	0	—	9.9	19.0	63	0	131
Mariut	00	7	27	3	0	0	—	12	22	61	0	00	7	02	1	0	0	—	11	17	88	0	150
Alexandria	01	9	28	4	2	3	4	12.3	21.2	69	0	00	6	00	0	0	0	—	11.8	17.4	88	0	132
Damietta	00	8	28	4	1	2	8	11.8	23.0	62	0	00	7	30	2	1	0	—	10.6	18.7	82	0	159
Port Saîd	01	8	28	4	1	3	8	11.5	23.2	71	0	00	8	30	3	1	3	8	11.8	19.1	75	0	134
El 'Arîsh												00	7	20	1	0	0	—	12.0	19.2	61	0	135
Damanhûr	00	7	28	3	1	0	—	11.2	26.2	40	0	00	7	32	3	0	0	—	11.0	17.8	78	0	136
Mansûra	01	8	20	1	1	4	8	11.2	27.2	29	0	00	6	32	1	1	0	—	11.4	19.2	64	0	137
Tanta	00	8	28	1	1	0	—	11.8	27.6	35	0	01	8	18	1	0	4	8	—	20.0	72	0	138
Zagazig	01	6	24	3	1	3	8	—	27.0	37	0	00	6	32	2	1	0	—	—	20.8	71	0	139
Shebîn el Kôm	00	8	22	3	0	0	—	10.7	28.4	28	0	00	7	22	2	0	0	—	10.4	20.2	57	0	—
Cairo Almaza	00	8	28	3	0	0	—	10.9	27.6	19	0	00	7	01	1	0	0	—	10.3	24.0	29	0	141
Cairo Ezbekîya	00	8	26	3	0	0	—	11.2	27.6	23	0	00	7	32	2	0	0	—	11.0	23.8	34	0	—
Cairo Gîza	00	8	30	2	0	1	8	11.2	28.8	20	0	00	7	30	2	0	0	—	11.5	23.4	36	0	—
Helwân	00	9	26	5	0	0	—	11.0	27.6	14	0	00	7	32	3	0	0	—	11.0	24.0	25	0	143
Suez	00	9	12	1	0	2	3	11.0	28.0	30	0	00	9	28	1	0	0	—	11.4	24.8	29	0	144
Faiyûm	00	8	28	4	0	0	—	10.8	30.2	19	0	00	8	02	1	0	0	—	10.2	24.8	40	0	153
Minya	00	9	20	3	0	0	—	11.1	31.8	16	0	00	8	30	1	0	0	—	10.3	25.7	29	0	154
Asyût	00	8	22	1	0	0	—	11.8	30.8	18	0	00	6	20	1	0	0	—	11.6	22.1	40	0	155
Nag' Hamâdi												00	8	00	0	0	0	—	11.8	21.5	50	0	164
Qena	00	9	22	3	0	0	—	11.4	32.4	22	0	00	6	24	1	0	0	—	11.4	25.1	35	0	156
Luxor	00	7	22	3	0	0	—	12.3	32.0	19	0	00	6	28	2	0	0	—	12.3	26.8	37	0	157
Aswân	00	9	04	1	0	0	—	12.3	31.5	16	0	00	9	00	0	0	0	—	12.6	28.5	14	0	158
Sîwa	00	8	20	2	0	0	—	11.9	34.0	18	0	00		00	0	0	0	—	8.3	26.8	41	0	148
Baharîya	00	9	00	0	0	0	—	—	30.0	41	0												149
Khârga	00	9	00	0	0	0	—	13.4	31.8	22	0	00		00	0	0	0	—	12.0	26.9	28	0	151
Dâkhla	00	9	08	1	0	0	—	11.2	32.8	20	0	00	7	08	3	0	0	—	—	25.2	24	0	152
Tôr	00	7	28	3	0	0	—	10.8	29.9	13	0	00	7	12	3	0	0	—	12.0	24.2	51	0	145
Hurghâda	00	8	14	1	0	0	—	12.4	27.3	46	0	00	8	12	2	0	0	—	12.3	24.8	59	0	146
Quseir	00	8	02	2	0	0	—	12.4	25.0	62	0	00	8	04	2	0	0	—	12.2	24.2	59	0	147
Port Sudân	00	7	04	3	0	1	8	11	29	62													[illegible]
Wâdi Halfa	00	8	28	2	0	0	—	13	33	10													165
Kareima	00	8	04	4	0	0	—	13	35	09													166
Atbara	00	8	32	4	0	0	—	9	34	09													167
Khartûm	00	7	32	4	0	0	—	8	36	09													[illegible]
Kassala	00	8	30	2	0	0	—	5	39	16													170
Wad Medani	00	8	30	3	0	0	—	6	38	08													171
Renk	00	9	32	3	0	0	—	3	39	07													182
Roseires	00	8	28	2	0	0	—	—	39	23													172
El Obeid	00	8	32	3	0	0	—	7	36	10													174
El Fâsher	00	9	04	3	0	0	—	—	34	09													175
Geneina	00	8	04	3	0	2	1	—	37	06													179
Kadugli	00	7	04	3	0	0	—	6	39	07													187
Malakal	05	7	32	4	1	4	2	6	38	08													176
Wâu	02	8	08	3	1	6	8,1	5	36	31													177
Juba	00	8	12	2	0	3	8	7	33	56													178

At 8h. on Sunday 5th — الساعة ٨ يوم الأحد ٥

Station	Present weather (ww)	Visibility (V)	Wind Dir.	Wind Force	Past weather (W)	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: Salûm											—		—					97
Matrûh	01	9	12	1	0	4	8	10.4	-3.7	18.0	21	-3	15	0	90	0	90	159
Mariut	00	8	12	1	0	0	—	11		21	—	—	12	—	53	0	181	138
Alexandria	00	9	00	0	0	0	—	11.1	-3.0	20.6	23	-2	16	-1	54	0	165	184
Damietta	00	7	12	1	0	0	—	11.0	-2.7	22.2	24	—	14	—	71	0	79	104
Port Saîd	00	8	30	3	0	0	—	11.5	-1.3	20.8	26	+1	16	0	56	0	71	78
El 'Arîsh	00	7	20	1	0	0	—	12.2	-1.5	21.2	25	-1	10	-4	57	0	51	92
Lower Egypt: Damanhûr	00	6	12	3	0	0	—	11.1	-2.8	21.8	27	-2	14	0	57	0	82	99
Mansûra	00	8	08	1	0	0	—	11.1	-2.8	22.0	28	-2	14	-1	59	0	60	53
Tanta	00	8	08	1	0	0	—	11.2	-2.9	21.4	29	-2	13	-1	62	0	78	41
Zagazig	00	8	32	3	0	0	—	—	—	22.0	27	-4	15	+1	58	0	9	26
Shebîn el Kôm	00	8	08	2	0	1	1	10.2	-3.9	21.6	29	—	14	—	54	0	30	—
Middle Egypt: Cairo Almaza	00	7	03	1	0	2	4	10.2	-3.4	23.0	29	—	17	—	46	0	7	—
Cairo Ezbekîya	05	5	00	0	0	3	6,4	10.4	-3.2	24.2	30	-1	17	+1	57	0	19	25
Cairo Gîza	09	6	30	1	0	1	8	10.4	-3.2	23.7	29	-2	13	0	59	0	36	25
Helwân	05	6	00	0	0	1	4	10.4	-2.9	23.3	28	-3	18	+2	51	0	14	28
Suez	00	9	14	1	0	2	1	12.2	-0.9	23.8	29	-2	16	-1	46	0	—	16
Upper Egypt: Faiyûm	01	8	10	2	1	3	8	10.0	-3.2	25.7	31	-2	16	0	30	0	8	8
Minya	01	6	14	2	1	3	4	10.0	-2.6	26.4	33	0	18	+2	24	0	dr.	—
Asyût	00	7	12	3	0	0	—	10.8	-1.7	26.0	33	-1	18	+1	29	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	11.9	-0.8	25.7	31	—	15	—	40	0	1	—
Qena	01	7	12	3	0	3	1	12.3	+1.2	24.8	34	-3	16	-3	25	0	13	—
Luxor																		
Aswân	00	9	20	1	0	0	—	12.0	+0.9	23.3	34	-4	20	-2	29	0	dr.	
Western Desert: Sîwa	00	7	00	0	0	0	—	9.5	-5.2	23.5	35	+2	18	+3	49	0	1	8
Baharîya																		7
Khârga	00	9	00	0	0	0	—	11.9	+0.1	23.6	33	-4	17	-2	33	0	1	
Dâkhla	00	7	08	3	0	0	—	9.6	-3.1	25.0	35	-1	18	0	24	0	0	
Red Sea: Tôr	00	7	12	4				12.0	+0.8	28.1	30	0	15	-4	28	0	0	13
Hurghâda	00	8	04	1	0	0	—	12.7	+1.2	25.3	30	-1	17	-2	58	0	1	3
Quseir	00	8	20	1	0	0	—	12.6	+1.5	23.8	20	-2	19	-3	69	0	11	4
Port Sudân	00	8	32	3	0	0	—	13		29					43	0	18	96
North Sudân: Wâdi Halfa	00	8	18	1	0	0	—	12		27					14	0	tr.	1
Kareima	00	8	06	1	0	0	—	13		24					16	0	7	1
Atbara	00	8	04	2	0	0	—	12		25					24	0	8	4
Khartûm	00	7	32	3	0	0	—	11		27					13	0	3	5
Kassala	00	8	02	2	0	0	—	8		29					43	0	31	13
Central Sudân: Wad Medani	00	7	02	5	0	0	—	9		28						0	13	16
Renk	00	9	04	3	0	0	—	—		28					25	—	—	59
Roseires	00	8	32	1	0	0	—	10		29					29	0	123	60
El Obeid	00	9	04	4	0	0	—	11		27					33	0	44	20
El Fâsher	01	8	00	0	0	3	1	—	—	23					27	0	2	8
Geneina																—	—	9
Kadugli	00	7	04	5	0	0	—	9		30					22	—	—	113
S. Sudân: Malakal	01	7	02	4	1	4	4	10		27					12	0	213	132
Wâu	05	6	00	0	0	4	4	9		27					66	0	113	253
Juba	01	8	00	0	1	4	9,4	11		27					79	0	368	330

Upper Winds

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

4th

Matrûh 13h.	Luxor 13h.	Wâdi Halfa 18h. 15	Kareima 13h.	Khartûm 13h. 30	Malakal 12h. 45m.	Juba 13h.
03 32 15	03 22 05	09 33 15	09 01 30	09 36 20	09 03 15	09 15 10
06 28 15	06 24 05	15 34 35	15 35 35	15 01 15	15 04 20	15 13 15
09 26 20	09 24 10	21 35 55	21 01 35	21 30 15		21 12 20
12 28 30	15 30 35	27 34 45	24 36 35	24 29 15		27 11 30
15 29 35	21 31 55		30 31 15	27 28 10		33 11 40
18 29 45	27 31 65			30 28 10		39 10 50
	30 31 65			39 36 15		
	39 29 75					
	45 28 90					

Upper Winds on 5th

Mariut 6h. 45m.	Port Saîd 7h.	Helwân 8h. 45	Minya 6h. 45m.	Asyût 7h.	Luxor 7h.	Aswân 7h.	Wâdi Halfa 7h. 15m.	Kareima 7h. 15m.	Khartûm 7h.
03 14 10	03 11 40	02 14 02	03 17 45	02 14 45	03 16 10	02 20 10	09 06 10	09 04 45	09 03 55
06 09 05	06 24 40	05 17 10	06 15 40	05 15 50	06 17 10	05 14 20	15 05 15	15 03 40	15 03 25
09 33 02	09 24 05	08 23 15	09 15 30	10 19 40	09 10 20	10 20 10	21 34 20	21 03 35	21 02 35
12 31 25	12 23 25	10 21 30	12 20 30	15 22 30	15 23 35	15 24 15	27 33 45	30 02 40	24 03 35
		15 23 35	15 20 30		21 23 40	20 21 20	33 33 65		
		20 25 40	18 23 40		24 26 35		39 34 45		
		23 26 40	21 26 35						
		25 26 50	24 27 20						
		29 28 45	27 22 25						

Kassala 6h. 45m.	Port Sudân 7h.	El Obeid	El Fâsher	Geneina	Malakal 7h.
09 35 30	09 03 35				09 04 55
15 35 15	15 01 40				15 04 40
21 06 20	21 01 20				21 14 15
27 06 30	27 25 10				
	33 29 25				
	39 27 40				

Upper Air Temp — Almaza at 24 G.M.T. on 4th

Height feet	PPP mb.	TT	Td
Surface	1000	67	60
500	982	65	56
1000	964	64.5	53
1500	947	67	51
2000	930	66	50.5
4000	864	61.5	46
6000	801	51	39
8000	743	44.5	31
10000	688	36	29
12000	636	27	24
14000	588	18	17.5
16000	542	9.5	9

Cyprus Synoptic 8h. on 5th: 347xx 028xx 16228 0919x xxxxx 00xxx

Mean of day

Station	Humidity on 4th	Diff. from normal	Wet bulb temp on 4th	Diff. from normal
Alexandria	82	+12	16.7	-0.4
Ezbekiya	45	-5	15.7	-1.6
Giza	46	-6	15.8	-1.2
Helwân	43	+5	14.2	-1.2

Gîza — Grass minimum temp on 5th: 10.8°

Cairo — Water temp River Nile at 8h. on 5th: 22.8°C

Gauge

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser					
Malakâl				9.51	-0.57
J. Aulia Res					
J. Aulia D.S					
Roseires	4th / 5th	11.62	+0.15	11.60	+0.16
Sennar Res.				15.29	
Khartûm				10.34	+0.08
Kh. el Girba					
Atbara		10.34	+0.34	10.35	+0.35
Kajnarti				132.33	+0.48
Aswân Res.		119.85		119.86	
Aswân D.S		85.14	-0.50	85.14	-0.49
Roda (Cairo)				15.84	+0.35

Discharges at Aswan measured by sluices (cubic metres per sec.)

Date	1946	1945
5-5	984	984
4-5	984	984

Present Weather (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
Fog in last hour	41
Thick	47
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with Hail	94-96
with Duststorm	98
Heavy, with Hail	99

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 h. 09 m. Sunset 18 h. 35 m.

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Sunday 5 — الساعة ١٤ يوم الأحد ٥ | At 20h. on 5th — الساعة ٢٠ يوم الأحد 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)	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	07	9	00	-	1	0	—	9.2	22.0	61	0	00	8	10	2	0	0	—	8.6	18.8	77	0	131
MARIUT	00	7	02	3	0	0	—	10	26	42	0	00	7	04	2	0	0	—	10	19	73	0	150
ALEXANDRIA	00	9	02	4	0	0	—	9.5	23.0	59	0	00	6	06	4	0	0	—	9.5	20.6	59	0	132
DAMIETTA	00	8	02	3	0	0	—	9.9	23.9	63	0	00	8	04	3	0	0	—	10.2	20.4	76	0	159
PORT SAID	00	8	30	3	0	0	—	10.6	24.2	54	0	00	8	30	2	0	0	—	10.7	20.3	74	0	134
EL ARISH																							135
Lower Egypt																							
DAMANHUR	00	6	32	2	0	0	—	9.0	30.3	25	0	00	6	32	3	0	0	—	9.1	20.2	68	0	136
MANSURA	00	8	04	1	0	0	—	9.6	29.8	28	0	00	6	04	1	0	0	—	10.4	20.5	60	0	137
TANTA	00	8	00	0	0	0	—	9.0	31.0	28	0	01	8	00	0	1	4	8	11.2	22.1	56	0	138
ZAGAZIG	00	8	32	2	0	0	—	—	31.0	29	0	00	6	32	3	0	0	—	10.8	21.2	68	0	139
SHEBIN EL KOM	00	8	06	3	0	0	—	6.0	32.4	23	0	00	7	06	3	0	0	—	8.3	23.3	51	0	—
Middle Egypt																							
CAIRO ALMAZA	00	7	28	2	0	1	3	8.1	32.6	14	0	05	5	06	5	0	0	—	8.2	26.4	39	0	141
CAIRO EZBEKIYA	00	8	28	1	0	0	—	8.2	32.3	24	0	00	7	02	3	0	0	—	8.6	26.0	49	0	—
CAIRO GIZA	00	8	02	2	0	1	5	7.9	32.5	19	0	00	7	06	4	0	0	—	8.6	25.9	42	0	—
HELWAN	00	8	00	0	0	0	—	7.6	32.5	17	0	00	7	06	6	0	0	—	7.6	28.0	28	0	143
SUEZ	00	9	14	2	0	2	1	7.5	27.0	49	0	00	9	00	0	0	0	—	8.7	24.4	57	0	144
Upper Egypt																							
FAIYUM	00	8	26	1	0	0	—	6.4	35.3	15	0	00	8	02	2	0	0	—	6.8	29.1	26	0	153
MINYA	02	6	20	2	3	5	2	5.9	36	15	0	00	8	32	1	1	0	—	7.6	30.2	25	0	154
ASYUT	00	7	20	2	0	0	—	6.2	37.5	13	0	00	6	18	1	0	0	—	7.1	29.9	16	0	155
NAG HAMMADI	00	8	00	0	0	0	—	7.6	36.9	14	0	00	8	00	0	0	0	—	6.6	27.7	38	0	164
QENA	00	9	16	2	1	0	—	8.2	37.8	16	0	00	6	12	1	0	0	—	6.3	28.8	36	0	156
LUXOR	00	7	26	3	0	0	—	9.4	38.0	18	0	00	6	28	2	0	0	—	7.2	30.0	39	0	157
ASWAN	01	9	16	1	1	5	1	9.2	36.8	11	0	00	9	00	0	0	0	—	10.7	32.4	18	0	158
Western Desert																							
SIWA	00	8	00	0	0	0	—	—	36.0	35	0	00	—	00	0	0	0	—	6.7	29.0	46	0	148
BAHARIYA	00	9	00	0	0	0	—	—	35.0	19	0	00	—	00	0	0	0	—	—	29.0	39	0	149
KHARGA	00	9	16	1	0	0	—	8.0	39.8	14	0	00	9	32	1	0	0	—	8.3	32.1	16	0	151
DAKHLA	00	8	28	2	0	0	—	6.8	38.2	20	0	00	7	28	2	0	0	—	7.5	29.9	29	0	152
Red Sea																							
TOR	00	7	12	5	0	0	—	10.6	29.8	45	0	00	7	12	4	0	0	—	12.0	24.2	51	0	[illegible]
HURGHADA	00	8	12	3	0	0	—	11.4	26.8	61	0	00	8	14	1	0	0	—	10.8	24.6	71	0	[illegible]
QUSEIR	00	8	12	4	0	0	—	10.7	25.3	74	0	00	8	10	4	0	0	—	10.3	25.0	70	0	147
PORT SUDAN	00	8	04	4	3	0	—	11	31	49	0												208
North Sudan																							
WADI HALFA	00	8	26	1	0	0	—	9	38	10	0												165
KAREIMA	00	8	04	4	0	0	—	8	38	08	01												166
ATBARA	00	8	04	3	0	0	—	7	36	09	0												167
KHARTUM	00	8	03	4	0	0	—	6	37	08	0												209
KASSALA	00	8	32	2	0	0	—	3	39	20	0												170
Central Sudan																							
WAD MEDANI	00	8	32	2	0	0	—	3	40	12	0												171
RENK	00	9	28	3	0	0	—	1	40	13	0												182
ROSEIRES	00	8	32	1	0	0	—	—	41	26	0												172
EL OBEID	00	8	02	4	0	0	—	5	36	08	0												174
EL FASHER	01	8	06	4	1	4	1	—	36	12	0												175
GENEINA	02	8	04	4	1	6	2	—	37	08	0												179
KADUGLI	00	8	28	3	0	3	2	9	36	31	—												187
South Sudan																							
MALAKAL	00	7	04	3	0	0	—	5	38	07	0												176
WAU																							177
JUBA	01	8	04	2	1	4	9,1	6	33	47	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 5th

MATRUH 13h.	MARIUT 13h.	PORT SAID	ALMAZA	MINYA	LUXOR 13h.	HURGHADA	WADI HALFA 13h. 15m.	KAREIMA 11h. 30m.	KHARTUM 13h.	KASSALA 13h.	EL OBEID 12h. 45m.	MALAKAL 13h. 15m.	JUBA 13h.
03 10 30	03 06 05				03 19 10		09 24 05	09 05 45	09 02 40	09 03 10	09 03 20	09 03 05	09 07 15
06 15 15	06 22 10				06 19 25		15 29 25	15 02 45	15 36 20	15 06 15	15 05 35	15 07 15	15 09 20
09 23 05					09 19 40		21 33 30	21 01 45	21 06 20	21 07 20	21 04 40	21 08 15	21 10 20
15 28 10					15 21 75		27 34 40	24 36 35	24 12 05		27 31 05		27 06 05
18 31 10					21 20 45		33 32 25		30 03 10		33 11 10		
					24 20 30		37 32 35		37 34 05		39 11 15		

Station	Mean of day: Humidity % on 5th	Diff. from normal	Wet bulb temp on 5th	Diff. from normal
Alexandria				
Ezbekiya	51	+1	19.0	+1.6
Giza	53	+1	18.8	+1.7
Helwan	37	-1	17.4	-1.9

GIZA — Grass minimum temp. on 6th 14.1

CAIRO — Water temp. River Nile at 9h. on 6th 23.6

Discharge at Aswan measured by sluices m³ per sec.

Date	1946	1945
6-5	1042	984
5-5	984	984

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal
Juba	5				
Nasser		5.37	-0.46	5.37	-0.42
Malakal		9.54	-0.54	9.52	-0.56
J. Aulia Res.				372.32	—
J. Aulia D.S.				371.52	+0.64
Roseires		11.62	+0.13	11.62	+0.15
Sennar Res.		15.21	—	15.25	—
Khartum				10.34	+0.07
Kh. el Girba		10.56	+0.29	10.67	+0.39
Atbara		10.33	+0.33	10.34	+0.34
Kajnarti		132.33	+0.48	132.31	+0.46
Aswan Res.		119.79	—	119.85	—
Aswan D.S.	6	85.24	-0.40	85.14	-0.50
Roda (Cairo)		15.84	+0.36	15.84	+0.35

At 8h. on Monday 6th — الساعة ٨ يوم الاثنين 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	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Mediterranean																		
SALUM												—		—				97
MATRUH	02	9	12	3	5	7	9	5.4	-8.7	21.9	23	-1	17	+2	60	dr	90	159
MARIUT	62	7	11	2	9	8	4,5	8		21	27	—	16	—	61	tr	181	138
ALEXANDRIA																	165	185
DAMIETTA	03	7	12	3	2	1	6	8.7	-5.0	21.3	26	—	19	—	75	0	79	104
PORT SAID	03	8	30	3	2	8	0	9.1	-3.7	21.3	25	0	20	+4	74	0	71	78
EL ARISH																		92
Lower Egypt																		
DAMANHUR	03	6	16	3	2	8	5	9.9	-4.0	18.6	32	+3	17	+3	82	0	82	99
MANSURA	03	7	16	1	2	8	9	9.9	+3.9	19.4	31	+1	16	+1	66	0	60	53
TANTA	03	7	04	2	1	8	7	8.6	-5.5	19.0	32	+1	16	+2	72	0	78	41
ZAGAZIG	03	5	32	2	2	8	8	12.7	-1.4	20.5	31	0	17	+3	69	dr	9	26
SHEBIN EL KOM	02	8	02	2	2	6	0	8.4	-5.7	20.2	34	—	17	—	57	0	30	—
Middle Egypt																		
CAIRO ALMAZA	05	5	00	0	2	8	4,5	8.4	-5.2	23.2	34	—	14	—	64	dr	7	—
CAIRO EZBEKIYA	05	6	24	1	2	8	5	9.9	-3.7	22.2	34	+3	19	+3	67	0	19	25
CAIRO GIZA	13	6	30	2	2	5	5	10.0	-3.6	20.3	34	+3	16	+3	67	0	36	25
HELWAN	05	6	18	2	2	8	5	8.7	-4.6	24.1	34	+3	18	+2	51	0	14	28
SUEZ	13	8	18	1	2	8	5	11.1	-2.0	23.0	28	-3	18	+1	66	0	—	16
Upper Egypt																		
FAIYUM	02	8	14	2	2	8	7	9.1	-4.0	23.6	37	+4	19	+3	53	0	f	8
MINYA	03	8	16	2	2	8	2	7.2	-5.4	27.7	37	+4	21	+5	25	0	dr	—
ASYUT	00	7	12	2	0	0	—	8.2	-4.2	29.6	39	+5	21	+3	27	0	0	4
NAG HAMMADI	00	8	00	0	0	0	—	9.9	-1.7	27.3	38	—	18	—	36	0	1	—
QENA	01	7	10	3	0	3	1	9.1	-1.9	29.4	38	+1	18	-1	21	0	13	—
LUXOR												—					0	
ASWAN	00	9	16	1	0	0	—	10.8	-0.3	30.8	37	-1	22	0	18	0	dr	
Western Desert																		
SIWA	00	7	00	0	0	0	—	5.4	-9.2	26.0	38	+5	22	+7	59	0	1	8
BAHARIYA	00	9	00	0	0	0	—	—	—	25.5	37	+4	19	+3	65	0	0	7
KHARGA	00	9	04	1	0	0	—	9.8	-1.9	26.4	42	+5	22	+3	35	0	1	
DAKHLA	00	7	08	1	0	0	—	10.4	-2.2	28.2	40	+3	22	+4	26	0	0	
Red Sea																		
TOR	00	7	28	3	0	0	—	10.8	-0.3	24.2	20	0	19	0	24	0	0	13
HURGHADA	00	8	08	2	0	0	—	11.5	+0.1	25.3	30	-1	20	+1	74	0	1	3
QUSEIR	01	8	32	1	1	4	1	9.2	-1.9	27.5	27	-3	21	-1	32	0	11	4
PORT SUDAN	00	8	00	0	0	0	—	13		29					62	0	18	96
North Sudan																		
WADI HALFA	00	7	16	1	0	0	—	11		32					14	0	tr	
KAREIMA	00	8	06	1	0	0	—	11		28					25	0	7	1
ATBARA	00	8	04	3	0	0	—	11		28					14	0	8	4
KHARTUM	00	7	02	3	0	0	—	11		29					12	0	3	5
KASSALA	00	8	02	1	0	0	—	8		31					28	0	31	14
Central Sudan																		
WAD MEDANI	00	9	06	4	0	0	—	9		31					08	0	13	16
RENK	00	9	28	3	0	0	—	8?		30					09	—	—	60
ROSEIRES	00	8	24	2	0	0	—	10?		30						0	123	63
EL OBEID	00	9	02	3	0	3	—	10		28					22	0	44	21
EL FASHER	01	8	30	2	1	4	1	—	—	23					20	0	2	8
GENEINA	00	8	04	2	0	3	1	—	—	25					15	—	—	10
KADUGLI	00	8	04	3	1	4	1	9		31		—		—	08	—	—	114
South Sudan																		
MALAKAL	02	8	00	0	1	5	4	10		29					37	0	213	134
WAU																0	113	257
JUBA	62	8	02	1	6	8	9	14		23					94	12	380	335

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRUH 7h.	MARIUT	PORT SAID 6h. 30m.	HELWAN	MINYA 7h.	ASYUT	LUXOR	ASWAN	WADI HALFA 7h. 15m.	ABU HAMAD 7h.	[illegible] 7h. 15m.	[illegible] 7h.
03 13 80		03 12 40		03 16 20				09 23 20	09 07 35	09 08 35	09 06 55
06 13 75		06 14 30		06 19 20				15 23 05	15 03 30	15 05 35	15 04 50
09 15 45		09 17 55		09 20 35				21 01 10	18 01 30	21 02 45	21 04 30
15 17 30		12 18 35		12 22 25				27 36 10		24 03 45	24 04 10
		15 17 20		15 24 20						27 02 55	
		18 22 15		18 24 20							
		21 25 25		21 26 25							
		27 28 30		24 24 25							
		30 29 35									

KASSALA 6h. 45m.	PORT SUDAN 7h.	EL OBEID 7h. 30m.	EL FASHER 7h.	GENEINA 7h.	MALAKAL 7h.
09 07 15	09 02 40	09 04 40	09 01 15	09 19 35	09 19 10
15 35 05	15 02 50	15 04 35	15 01 40	15 11 20	15 20 05
21 03 10	21 05 30	27 03 15	21 09 35	21 15 10	21 18 05
27 06 10	24 06 35		27 09 55	27 15 10	

Upper air temp. ALMAZA at 234 ... 5-6/6

Height feet	mb.		
Surface	998	70	60
500	980	61	57
1000	962	65	58
1500	945	77	56
2000	928	76	56
4000	862	68	50
6000	800	60	44
8000	741	50	37
10000	686	41	31
12000	635	31	28
14000	566	22	21
16000	541	15	13

Cyprus synoptic 8h. on 6th: 34700 00790 10301 1121X XXXXX XXXXX

WIND FORCE

Calm		0
Almost calm		
Very light		
Light		
Moderate		
Fresh		
Strong		
Very strong		
Gale	55-65	
Strong gale	66-7[illegible]	
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	47
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99

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

CAIRO
Time of Sunrise 05 h. 08 m.
Sunset 18 h. 36 m.

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

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. and 20h. on MONDAY 6th — الساعة ١٤ يوم / الساعة ٢٠ يوم الاثنين ٦

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																							
SALUM																							130
MATRÛH	01	9	28	3	2	4	8	5.0	24.6	59	0	00	8	28	3	1	0	—	9.4	18.6	91	0	131
MARIUT	02	8	14	5	6	5	2	5	31	26	0	00	7	22	1	0	0	—	4.2	25	48	dr	150
ALEXANDRIA	01	9	14	2	2	4	1	6.0	30.2	26	0	00	6	00	0	0	0	—	4.8	25.0	54	0	132
DAMIETTA	01	8	12	3	5	4	4	7.8	26.4	28	dr	00	7	12	3	1	0	—	4.4	21.6	83	0	159
PORT SA'ÎD	01	8	12	3	5	4	0	7.9	23.9	79	dr	01	8	06	2	1	4	0	3.9	22.1	81	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	02	6	16	5	2	6	5	9.0	28.3	42	0	00	6	32	2	1	0	—	3.8	25.0	54	0	136
MANSÛRA	01	7	08	2	5	4	0	5.9	29.5	35	dr	00	6	04	2	1	0	—	3.8	22.8	62	0	137
TANTA	03	8	20	2	2	8	8	4.4	28.4	40	0	02	8	20	2	2	5		4.6	24.0	56	0	138
ZAGAZIG	03	6	32	2	3	8	8	6.3	29.5	36	0	00	6	32	2	3	0	—	4.5	23.2	58	0	139
SHEBÎN EL KÔM	01	8	02	3	5	4	9	6.4	28.9	46	dr	00	7	02	2	1	0	—	3.1	24.1	50	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	02	7	04	3	6	8	4,5	5.4	32.3	19	0	00	7	18	3	2	2	4	1.8	30.3	21	dr	141
CAIRO EZBEKÎYA	05	7	04	1	5	8	5	5.9	32.4	22	dr	00	7	00	0	0	0	—	2.7	28.1	40	dr	—
CAIRO GÎZA	02	7	30	2	5	5	5	6.0	31.7	26	dr	00	7	26	1	5	1	5	2.6	24.9	53	dr	—
HELWÂN	02	7	24	2	5	8	5	5.6	33.8	18	dr	00	7	20	2	0	0	—	2.6	31.9	19	0	143
SUEZ	13	8	14	1	5	8	5	9.6	26.7	58	dr	13	8	14	3	2	8	5	4.3	24.6	57	0	144
UPPER EGYPT																							
FAIYÛM	02	8	14	2	2	8	5	4.7	35.0	21	0	00	8	30	1	0	0	—	3.2	28.9	34	0	153
MINYA	03	8	12	2	2	8	2	2.7	40.2	15	0	03	8	16	3	2	8	2	5.4	32.0	20	0	154
ASYÛT	00	8	18	2	0	0	—	5.1	40.6	08	0	02	6	20	3	3	5	2	5.6	34.0	13	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	5.6	41.0	15	0	00	8	00	0	0	0	—	5.6	33.7	27	0	164
QENA	00	9	16	2	1	0	—	7.2	41.6	15	0	02	6	28	1	0	5	2	5.2	34.8	27	0	156
LUXOR												00	6	28	1	0	0	—	5.8	36.5	26	0	157
ASWÂN	00	9	20	2	0	0	—	7.8	39.5	11	0	00	9	16	1	0	0	—	7.1	35.0	15	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	—	7.6	33.0	55	0	03		28	5	2	8	4	10.7	27.5	75	0	148
BAHARÎYA												00		00	0	0	0	—	—	26.2	35	0	149
KHÂRGA	01	9	16	1	1	5	4	5.6	44.2	15	0	14	9	28	4	3	8	5	7.1	—	—	0	151
DAKHLA	00	6	24	6	0	0	—	4.4	40.0	16	0	00	6	28	4	0	0	—	9.4	29.2	20	0	152
RED SEA																							
TÔR	00	6	12	3	0	0	—	10.0	28.8	42	0	00	6	12	6	0	0	—	7.5	27.2	32	0	145
HURGHÂDA	00	8	12	2	0	0	—	11.4	27.3	65	0	03	7	08	3	2	8	7	9.4	26.7	57	0	146
QUSEIR	02	8	04	1	1	4	1	9.9	27.8	71	0	01	8	02	2	1	3	1	9.6	26.7	65	0	147
PORT SÛDÂN	00	7	32	4	0	0	—	10	37	40	0												169
NORTH SÛDÂN																							
WÂDI HALFA	00	7	26	1	0	0	—	8	41	10	0												165
KAREIMA	00	8	04	3	0	0	—	7	41	06	0												166
'ATBARA	00	8	02	4	0	0	—	6	40	07	0												167
KHARTÛM	01	7	02	4	0	0	—	6	39	08	0												168
KASSALA	00	8	04	3	0	0	—	2	42	19	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	32	5	0	0	—	4	42	12	0												171
RENK	00	8	28	3	0	0	—	2	41	13	0												182
ROSEIRES	00	8	04	1	0	0	—	1	37	54	0												172
EL OBEID	01	8	04	3	1	4	2	5	38	21	0												174
EL FÂSHER	00	9	06	4	1	0	—	—	37	13	0												175
GENEINA	00	9	04	3	0	0	—	—	38	07													179
KADUGLI	02	8	04	3	1	6	1	4	39	15	0												187
S. SÛDÂN																							
MALAKAL	01	8	22	1	0	3	4,1	5	38	25	0												176
WAU	03	7	08	3	1	8	2	4	37	22	0												177
JUBA	02	8	32	4	1	8	4,1	9	37	40	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 6th

MATRÛH	MARIUT (13 h.)	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA (13 h. 15 m.)	KAREIMA (13 h.)	KHARTÛM (12 h. 45 m.)	KASSALA	EL OBEID (12 h. 45 m.)	MALAKAL	JUBA (13 h. 30 m.)
	03 09 55						09 28 10	09 05 20	09 03 20		09 04 30		09 07 30
	06 10 65						15 26 10	15 05 35	15 03 30		15 04 45		15 08 45
	09 10 65						21 25 05	21 04 45	18 03 35		21 03 50		21 07 45
	12 12 30						27 20 05	24 04 45			24 04 50		
	15 14 45						30 33 05	27 03 40			33 15 25		
	18 15 65										39 14 20		
	21 16 55												

Remarks

Hours are [illegible] standard time (long 30 E) and are [illegible] hours fast [illegible] Greenwich mean time

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	7-5	1042	984
	6-5	1042	984

Station	Mean of day: Humidity % (6th)	Diff from normal	Wet Bulb Temp (6th)	Diff from normal
Alexandria	53	-17	17.7	+0.3
Ezbekiya	52	+2	18.8	+1.3
Gîza	57	+5	18.5	+1.3
Helwân	32	-6	18.2	-2.6

GIZA — Grass Minimum Temp on 7th 14.4°

CAIRO — Water Temp River Nile at 9h on 7th 23.2°C

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal m.
Juba	7-5	—	—	—	—
Nasser		—	—	5.37	-0.46
Malakâl		9.56	-0.53	9.54	-0.54
J. Aulia Res		—	—	—	—
J. Aulia D.S		—	—	—	—
Roseires		11.62	+0.10	11.62	+2.13
Sennar Res.		—	—	15.21	—
Khartûm		—	—	—	—
Kh. el Girba		—	—	10.56	+0.29
'Atbara		10.31	+0.32	10.33	+0.33
Kajnarti		132.38	+0.52	132.33	+0.48
Aswân Res.		119.73	—	119.79	—
Aswân D.S		85.25	-0.39	85.24	-0.40
Roda (Cairo)		15.84	+0.36	15.84	+0.36

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

At 8h. on TUESDAY 7th — الساعة ٨ يوم الثلاثاء ٧

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.	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												—		—				97
MATRÛH	02	9	24	3	0	5	8	11.2	-2.9	18.0	—	—	15	0	75	0	90	159
MARIUT	62	7	11	2	9	8	4,5	8	—	20	32	—		—	64	tr	182	138
ALEXANDRIA	02	9	26	4	1	5	4	10.7	-3.3	19.0	30	+5	17	0	72	0	165	185
DAMIETTA	14	7	22	5	1	5	6	9.9	-3.8	20.2	26	—	18	—	78	dr	79	104
PORT SA'ÎD	18	7	20	5	3	5	9	10.3	-2.5	20.7	25	0	18	+1	83	dr	71	78
EL 'ARÎSH															—			92
LOWER EGYPT																		
DAMANHÛR	01	6	28	5	1	5	8	10.4	-3.5	21.0	31	+2	15	+1	59	0	82	99
MANSÛRA	01	8	20	3	1	4	6	10.7	-3.1	21.0	31	+1	12	-3	65	dr	60	53
ṬANṬA	01	8	24	3	1	4	8	10.8	-3.3	20.8	29	-2	16	+2	67	0	78	41
ZAGAZIG	01	6	16	3	1	5	8	—	—	20.5	30	-1	16	+2	70	0	9	26
SHEBÎN EL KÔM	01	8	24	3	1	4	3	10.6	-3.5	19.7	29	—	16	—	71	dr	30	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	7	27	3	2	8	6	12.1	-1.4	19.4	34	—	17	—	61	0	7	—
CAIRO EZBEKÎYA	05	7	24	3	0	6	6	12.3	-1.2	20.1	34	+3	18	+2	66	dr	19	25
CAIRO GÎZA	09	6	26	4	3	5	5	12.3	-1.2	20.5	34	+3	17	+4	59	dr	36	26
ḤELWÂN	05	6	26	3	2	8	5	12.6	-0.7	19.1	35	+4	17	0	71	dr	14	28
SUEZ	02	9	14	1	2	8	2	12.2	-0.8	23.8	29	-2	19	+1	49	dr	—	16
UPPER EGYPT																		
FAIYÛM	02	8	30	3	2	6	5	13.0	-0.1	19.5	36	+3	17	+1	70	0	8	8
MINYA	01	8	32	2	1	3	2	13.2	+0.7	23.0	40	+7	19	+3	39	0	dr.	—
ASYÛṬ	01	7	22	1	1	4	2	12.8	+0.4	24.5	41	+7	21	+3	29	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	11.5	-0.1	26.7	42	—	22	—	33	0	1	—
QENA	00	7	28	1	0	1	1	10.6	-0.4	29.3	42	+5	24	+5	25	0	13	—
LUXOR	00	7	28	1	0	0	—	11.5	+0.3	31.6	43	+5	26	+7	11	0	0	—
ASWÂN	05	5	30	5	0	0	—	11.8	+0.7	31.0	41	+3	29	+7	05	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	28	4	0	0	—	14.8	+0.2	21.0	35	+2	14	-1	80	0	1	8
BAHARÎYA	00	9	00	0	0	0	—			22.0	35	+8	16	0	66	0	0	7
KHÂRGA	01	9	02	2	1	4	1	12.7	+1.0	27.0	45	+8	17	-3	21	0	1	—
DÂKHLA	00	7	28	4	0	0	—	14.8	+2.0	26.2	43	+6	24	+6	29	0	0	
RED SEA																		
TÔR	00	6	28	4	0	0	—	10.2	-0.9	28.9	33	+3	23	+4	15	0	0	13
HURGHÂDA	05	6	30	5	2	8	6	10.4	-1.0	27.2	29	-2	23	+4	34	dr	1	3
QUSEIR	01	8	32	1	1	4	2	7.9	-3.2	28.2	29	-1	24	+2	54	0	11	4
PORT SÛDÂN	00	8	12	2	0	0	—	11		33					44	0	18	96
NORTH SÛDÂN																		
WÂDI ḤALFA	15	4	32	3	0	0	—	12		32					15	0	tr.	—
KAREIMA	00	7	06	1	0	0	—	11		31					19	0	7	1
'ATBARA	00	8	30	2	0	0	—	10		29					19	0	8	4
KHARTÛM	00	8	02	3	0	0	—	10		29					20	0	3	5
KASSALA	00	8	00	0	0	0	—	7		34					25	0	31	14
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	06	3	0	0	—	8		31					08	0	13	16
RENK	00	9	20	3	0	0	—	—		31		—		—	11	—	—	61
ROSEIRES	01	8	20	1	0	4	1	10		32					55	0	123	65
EL OBEID	00	9	02	3	0	0	—	5		30					33	0	44	21
EL FÂSHER	00	8	32	3	0	0	—	—	—	27					23	0	2	8
GENEINA	00	8	00	0	0	0	—	—	—	24		—		—	17	0	—	10
KADUGLI	01	8	20	2	0	3	1	10		31		—		—	38	—	—	115
S. SÛDÂN																		
MALAKÂL	02	8	18	2	1	8	2	—		29					55	0	213	136
WÂU																0	113	261
JUBA	02	8	12	1	1	6	2	11		27					79	0	380	340

Upper Winds are in the Code HHDDVV where HH is Height 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 (7 h.)	MARIUT	PORT SA'ÎD (7 h.)	HELWÂN (7 h.)	MINYA	ASYÛṬ (7 h.)	LUXOR	ASWÂN (7 h.)	WÂDI HALFA	ABU HAMAD (7 h.)	KAREIMA (7 h. 15 m.)	KHARTÛM (7 h.)
03 28 35		03 28 50	02 27 15		02 31 35		02 02 20		09 06 45	09 07 30	09 04 —
06 29 40		06 28 50	06 27 20		05 33 25		05 36 25		15 03 30	15 04 35	15 04 60
09 28 45			08 28 20		10 32 35		10 35 50		21 02 35	24 03 30	21 06 30
12 27 50					15 31 45		15 29 25		27 01 50		24 06 30
			Ent Cn.				20 29 35				
							25 28 30				
							30 28 30				

KASSALA (6 h. 45 m.)	PORT SÛDÂN (7 h.)	EL OBEID (7 h.)	EL FÂSHER (7 h.)	GENEINA (7 h.)	MALAKAL (7 h.)
09 06 05	09 27 15	09 04 40	09 07 40	09 09 35	09 18 25
15 05 15	15 28 05	15 04 60		15 13 35	15 16 30
21 04 15	21 35 05	21 03 15		21 15 30	21 17 20
27 02 20	27 30 10	27 01 15			33 36 10
33 02 35	33 32 20				39 03 15
	39 30				

Upper Air Temp — Almaza at 23h. [illegible] on 6th

Height (feet)	[illegible]	[illegible]	[illegible]
Surface	998	70	58
[illegible]	980	61	49
[illegible]	962	58	54
[illegible]	954	68	47
2000	928	68	47
4000	862	60	39
6000	800	51	37
8000	741	47	29
10000	686	44	27
12000	635	35	25
14000	586	26	20
16000	541	16	14

Cyprus Synoptic 9h. on 7th
34760 02967 18567 04211 40104 10161.
34887 02865 26397 05171 30701 13132.

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	[illegible]
Mainly overcast	[illegible]
Sandstorm, Duststorm	[illegible]
Fog, thick dust haze	[illegible]
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	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	[illegible]
7, 8 Tenths	[illegible]
9 Tenths	[illegible]
Over 9 Tenths	[illegible]
Overcast	[illegible]
Fog or Dust	[illegible]

CLOUD FORM (C)

Cirrus	[illegible]
Cirro-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)

		Force
Calm	[illegible]	[illegible]
Almost calm	[illegible]	[illegible]
Very light	[illegible]	[illegible]
Light	[illegible]	[illegible]
Moderate	[illegible]	[illegible]
Fresh	[illegible]	[illegible]
Strong	[illegible]-44	[illegible]
Very strong	[illegible]-54	7
Gale	[illegible]-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 47 · Sunset h. m. 18 36

Month MAY 1946

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

شهر مايو ١٩٤٦

At 14h. on Tuesday 7th (الساعة ١٤ يوم الثلاثاء ٧) and At 20h. on 7th (الساعة ٢٠ يوم الثلاثاء 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
Med Terranean																							
Salum																							130
Matruh	01	9	28	3	2	4	8	12.3	19.6	80	0	01	8	26	5	1	4	8	12.4	18.0	40	0	131
Mariut	02	8	25	5	8	5	8	11	22	53	0	00	7	23	3	1	1	6	11	18	78	dr	150
Alexandria	01	9	24	4	2	4	6	11.2	21.2	60	0	01	6	24	4	2	4	8	11.9	18.0	80	0	132
Damietta	14	7	28	6	1	3	8	9.1	22.5	72	0	01	7	22	4	1	3	8	10.2	19.0	81	0	159
Port Saʻid	18	6	26	6	3	5	6	9.9	23.1	88	0	14	8	26	4	3	5	6	10.7	19.4	78	0	134
El ʻArish																							135
Lower Egypt																							
Damanhur	01	6	28	5	1	5	8	11.0	23.0	50	0	01	6	32	3	1	3	8	12.6	18.6	68	0	136
Mansura	01	8	20	3	1	4	6	9.9	25.0	36	0	00	6	24	2	1	0	—	11.4	18.8	71	0	137
Tanta	01	8	24	2	1	4	8	9.7	26.0	38	0	00	8	00	0	1	0	—	10.8	18.0	71	0	138
Zagazig	01	6	16	3	0	5	8	—	25.0	47	0	00	6	28	2	1	0	—	15.4	17.5	77	0	139
Shebin el Kom	01	8	28	5	1	4	8	9.5	27.2	36	0	00	7	28	2	0	0	—	13.4	19.2	66	0	—
Middle Egypt																							
Cairo Almaza	02	7	26	4	2	7	4,5	9.8	26.7	20	0	05	6	30	3	c	0	—	11.7	20.7	51	0	141
Cairo Ezbekiya	02	7	24	4	1	7	4	10.6	26.6	33	0	00	6	24	1	1	3	5	12.2	20.9	57	0	—
Cairo Giza	02	7	26	4	3	5	5	10.2	26.8	28	0	00	7	30	1	1	1	5	12.3	19.5	61	0	—
Helwan	02	7	24	5	2	8	5	10.6	26.0	21	0	05	5	30	4	0	0	—	11.8	20.6	50	0	143
Suez	02	9	22	3	2	8	2	10.6	27.0	23?	0	00	9	28	1	0	0	—	11.9	22.7	43	0	144
Upper Egypt																							
Faiyum	02	8	26	4	2	6	5	10.0	29.0	24	0	02	8	32	4	2	6	5	11.5	22.3	52	0	153
Minya	01	9	24	3	1	4	5	11.9	32.0	19	0	00	8	30	2	1	0	—	11.2	25.6	20	0	154
Asyut	01	8	30	2	1	4	2	11.8	31.1	14	0	00	6	28	1	1	0	—	11.2	26.2	14	0	155
Nag Hamadi	00	8	00	0	0	0	—	11.2	31.7	21	0	00	8	00	0	c	0	—	11.8	25.2	26	0	184
Qena	02	8	26	4	0	5	2	10.8	34.6	16	0	01	6	28	1	1	4	1	11.0	27.6	22	0	156
Luxor	02	7	26	3	2	5	2	11.0	35.0	32	0	00	6	28	2	0	0	—	11.7	27.4	35	0	157
Aswan	00	9	30	1	0	0	—	10.0	37.0	06	0	00	9	00	0	0	0	—	10.8	33.0	04	0	158
Western Desert																							
Siwa	00	8	28	4	0	0	—	15.1	29.0	73	0	00	—	28	4	0	0	—	14.4	25.0	77	0	148
Bahariya	00	9	00	0	0	0	—	12.0	31.5	35	0	00	—	00	0	0	0	—	13.5	—	—	0	149
Kharga	00	9	28	2	0	0	—	11.4	33.2	14	0	00	9	28	1	0	0	—	13.0	31.3	12	0	151
Dakhla	00	7	28	4	0	0	—	13.9	31.8	25	0	00	7	08	2	0	0	—	14.3	28.6	28	0	152
Red Sea																							
Tor	00	6	28	4	0	0	—	10.4	31.2	70	0	00	6	28	3	0	0	—	10.6	28.2	70	0	145
Hurghada	00	8	32	5	0	0	—	10.0	27.9	—	0	00	8	28	2	0	0	—	10.0	26.8	26	0	146
Quseir	02	8	32	3	2	5	2	9.0	30.4	34	0	01	8	22	2	1	3	1	9.8	27.7	41	0	147
Port Sudan	00	8	08	3	0	0	—	8	37	48	0												188
North Sudan																							
Wadi Halfa	18	6	32	4	0	0	—	9	39	04	0												165
Kareima	00	8	04	3	0	0	—	7	42	05	0												166
Atbara	00	8	04	4	0	0	—	5	42	10	0												167
Khartum	05	6	02	4	0	0	—	4	42	07	0												169
Kassala	00	8	04	2	0	2	8	1	44	16	0												170
Central Sudan																							
Wad Medani	00	8	06	3	0	0	—	2	44	04	0												171
Renk	00	9	20	3	0	0	—	1	41	—	0												182
Roseires	00	8	20	1	1	0	—	—	41	—	0												172
El Obeid	00	9	04	3	0	0	—	3	39	38	0												174
El Fasher	18	6	06	5	0	0	—	5	39	13	0												175
Geneina	00	6	06	5	0	0	—	—	40	05	0												179
Kadugli	00	8	04	4	1	3	1	5	40	11	—												187
S. Sudan																							
Malakal	02	8	04	1	1	8	4,2	4	39	16	0												176
Wau																							177
Juba	01	8	12	2	1	5	8,2	6	—	74	0												178

At 8h. on Wednesday 8th (الساعة ٨ يوم الاربعاء 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.	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												—		—				97
Matrûh	01	9	28	3	1	4	8	12.8	−1.3	18.6	20	−4	15	0	75	0	91	159
Mariut	01	8	27	4	0	4	8	12	—	20	22	—	16	—	64	dr	182	138
Alexandria	01	9	26	4	2	4	8	12.2	−1.8	19.4	22	−3	17	0	62	0	165	185
Damietta	01	8	18	3	1	4	9	11.1	−2.5	19.8	23	—	15	—	80	0	79	104
Port Saʻîd	01	8	22	3	1	4	8	11.4	−1.3	19.8	26	0	17	0	77	0	71	78
El ʻArîsh																	—	92
Lower Egypt																		
Damanhûr	01	6	32	4	1	5	8	11.6	−2.3	20.0	24	−5	14	−1	67	0	82	99
Mansûra	01	8	20	2	1	4	6	11.8	−2.0	20.2	26	−4	15	0	73	0	60	53
Tanta	02	8	24	2	1	5	8	12.4	−1.6	19.9	26	−5	14	0	73	0	78	41
Zagazig	01	6	24	2	1	5	8	—	—	20.8	26	−5	15	+1	73	0	9	26
Shebîn el Kôm	01	8	28	2	1	4	8	11.9	−2.2	20.0	28	—	15	—	71	0	30	—
Middle Egypt																		
Cairo Almaza	05	6	26	3	1	4	1	12.8	−0.7	19.2	27	—	11?	—	71	0	7	—
Cairo Ezbekîya	02	7	24	2	1	6	6	13.8	+0.3	20.6	28	−3	16	0	69	0	19	25
Cairo Gîza	01	7	26	3	1	4	8	13.2	−0.3	19.4	29	−3	14	+1	71	0	36	25
Helwân	03	8	00	0	2	8	8	13.2	−0.1	18.7	26	−5	15	−2	74	0	14	28
Suez	02	9	26	2	2	5	4	13.4	+0.4	21.0	30	−1	17	−1	54	0	—	16
Upper Egypt																		
Faiyûm	02	8	30	2	2	6	6	14.0	+0.9	18.8	30	−3	15	−1	69	0	8	8
Minya	00	9	26	2	0	0	—	13.6	+1.1	22.8	33	0	16	0	52	0	dr	—
Asyût	00	7	30	1	0	0	—	13.9	+1.5	23.5	32	−2	16	−2	47	0	0	4
Nagʻ Hamâdi	00	8	00	0	0	0	—	14.0	+2.5	23.7	32	—	16	—	35	0	1	—
Qena	00	7	32	1	0	0	—	13.1	+2.2	24.8	36	−1	18	−1	31	0	13	—
Luxor	00	7	30	2	0	0	—	14.0	+2.8	29.5	38	−1	20	+1	29	0	0	—
Aswân	05	5	32	2	1	5	1	13.5	+2.5	26.6	38	0	24	+2	—	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	15.6	+1.0	20.0	31	−2	17	+2	81	0	1	8
Baharîya	00	9	00	0	0	0	—	14.3	+0.7	25.2	32	−1	19	+3	60	0	0	7
Khârga	01	9	04	2	1	4	1	14.4?	+2.8	23.6	34	−3	16	−4	37	0	1	—
Dâkhla	00	8	38	1	0	0	—	15.2	+2.7	25.2	34	−3	20	+2	34	0	0	—
Red Sea																		
Tôr	00	7	28	3	0	0	—	11.9	+0.9	24.3	33	+3	19	0	39	0	0	13
Hurghâda	00	8	30	4	0	0	—	12.0	+0.7	24.6	30	−1	18	−1	42	0	1	3
Quseir	00	8	32	2	0	0	—	11.1	+0.1	25.6	31	+1	22	0	50	0	11	4
Port Sûdân	00	8	32	2	0	0	—	11		31					74	0	18	96
North Sûdân																		
Wâdi Halfa	08	4	00	0	0	0	—	14		26					27	0	tr	—
Kareima	00	7	04	4	0	0	—	11		31					11	0	7	1
ʻAtbara	00	7	02	3	0	0	—	9		32					17	0	8	4
Khartûm																0	3	5
Kassala	00	8	02	1	1	2	4,2	9		34					32	0	31	15
Central Sûdân																		
Wad Medani																0	13	17
Renk	00	9	16	3	0	0	—	5?		33		—		—	19	—	—	62
Roseires	00	8	17	1	0	2	1	8		33					79	0	123	66
El Obeid	18	6	02	5	0	0	—	8		32					43	0	44	22
El Fâsher	05	6	32	4	0	0	—	—	—	31					19	0	2	9
Geneina	00	7	04	3	0	0	—	—	—	28		—		—	15	—	—	11
Kadugli	00	8	28	2	1	2	1	9		29		—		—	20	—	—	116
S. Sûdân																		
Malakâl	01	8	12	5	1	5	4,5	10		29					49	0	213	138
Wâu																0	113	265
Juba	02	8	16	2	9	8	6,4,5	11		22					94	8	388	345

Upper Winds are in the Code HHDDVV where HH is Height 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

Matrûh 13h	Mariut	Port Saʻîd	Almâza	Minya 12h 30m	Luxor	Hurghâda	Wâdi Halfa 13h 15m	Kareima 12h 45m	Khartûm 13h	Kassala 13h	El Obeid 12h 30m	Malakal 13h	Juba 13h
03 30 45				03 29 40			09 26 35	09 01 25	09 05 75	09 05 05	09 05 25	09 07 15	09 16 10
06 30 45				06 29 55			15 25 30	15 03 30	15 04 —	15 06 10	15 06 30	15 02 05	15 14 15
09 29 40				09 29 55			21 20 20	21 03 50		21 04 15	21 04 25	21 02 05	21 07 35
12 28 50				12 30 40			24 17 30	24 03 55		27 29 05	27 06 35	27 03 05	27 08 50
				15 29 40				30 03 35		33 26 20	33 08 20	33 01 05	
				18 28 45						39 04 15			
				21 26 05									
				24 27 05									

Upper winds on 8th (الاربعاء)

Matrûh 7h 30m	Mariut 7h	Port Saʻîd	Helwân 9h	Minya 6h 45m	Asyût 7h	Luxor	Aswân 7h	Wâdi Halfa	Abu Hamad 7h	Kareima 7h	Khartûm
03 27 25	03 29 30		02 28 10	03 33 15	02 01 05		02 36 10		09 01 70	09 04 55	
06 30 35	06 28 60		05 27 15	06 33 25	05 35 20		05 36 25		15 36 45	15 02 55	
09 31 35			08 29 15	09 31 35	10 31 35		10 33 40			21 03 35	
				15 30 60			15 32 40			24 04 30	
				21 32 70			20 32 40			30 05 25	

Kassala 6h 45m	Port Sûdân 7h	El Obeid 7h	El Fâsher 7h	Geneina 7h	Malakal 6h 45m
09 09 15	09 03 30	09 04 70	09 05 45	09 08 30	09 16 60
15 13 10	15 09 15	21 06 45	15 06 70	15 07 55	15 15 60
21 08 05	21 09 15	27 08 40		21 08 50	21 16 40
27 10 10				27 11 25	27 19 20
33 15 05					33 19 15
					39 34 05

Upper Air Temp — Almaza at 23h GMT on 7-8/5

Height			
Surface	1002	62	59
500	984	57	57
1000	966	56	56
1500	949	54	54
2000	932	53	52
4000	865	52	44
6000	803	46	36
8000	744	43	29
10000	689	38	29
12000	637	31	28
14000	589	21	20
16000	543	16	16

Cyprus Synoptic 8h. on 8th

38827 32882 26365 05171 41301 01141
34782 51863 22468 0519X X0103 01151

Remarks

[illegible] are [illegible] standard time long. 30 E and are [illegible] hours [illegible] Greenwich Mean time

Mean of day

Station	Humidity % on 7th	Diff. from normal	Wet bulb temp °C on 7th	Diff. from normal
Alexandria	75	+5	16.2	−1.3
Ezbekiya	60	+10	16.5	−1.1
Giza	57	+5	16.0	−1.3
Helwân	57	+19	15.1	−0.6

Giza — Grass minimum temp on 8th 10.4 °C

Cairo — Water temp. River Nile at 9h. on 8th 23.0 °C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	8-5	1042	984
	7-5	1042	984

Gauge	Date 1946	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba				12.76	−0.73
Nasser				5.39	−0.49
Malakal	5	9.58	−0.62	9.56	−0.53
J. Aulia Res.				371.96	—
J. Aulia D.S				371.47	+0.59
Roseires				11.62	+0.10
Sennar Res.				15.22	—
Khartûm				10.33	+0.06
Kh. el Girba				10.58	+0.32
ʻAtbara				10.32	+0.34
Kajnarti				132.38	+0.52
Aswân Res.	8	119.71	—	119.73	—
Aswân D.S		85.25	−0.40	85.25	−0.39
Roda (Cairo)		15.84	+0.36	15.84	+0.36

PRESENT WEATHER 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 Tenth	
2-3 Tenths	
4-6 Tenths	4
7-8 Tenths	
9 Tenths	
Over 9 Tenths	
Overcast	
Fog or Dust	

CLOUD FORM (C)

Cirrus	
Cirro-stratus	2
Cirro-cumulus	
Alto-cumulus	
Alto-stratus	
Strato-cumulus	5
Nimbo-stratus	
Cumulus	
Cumulo-nimbus	8
Stratus	0

WIND FORCE (F)

Calm		
Almost calm		
Light		
Moderate		
Fresh		
Strong	39-44	
Very strong	45-54	
Gale	55-65	
Strong gale	66-77	
Whole gale	78-90	
Storm	91-104	
Hurricane	over 104	

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. 05 06 Sunset h. m. 18 37

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

DAILY WEATHER REPORT

Month *MAY* 1946 — شهر مايو ١٩٤٦

At 14h. on *Wednesday 8th* (الساعة ١٤ يوم الاربعاء ٨) — At 20h. on *8th* (الساعة ٢٠ يوم الاربعاء 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: SALUM																							130
MATRUH	00	9	30	3	1	0	—	12.6	20.3	71	0	00	8	28	2	0	3	8	13.4	18.0	88	0	131
MARIUT	01	8	16	4	1	4	8	12	22	53	0	00	7	00	0	0	2	1	12	18	83	0	150
ALEXANDRIA	01	9	26	4	2	4	4	12.2	21.6	62	0	00	6	24	2	0	0	—	13.9	17.0	90	0	132
DAMIETTA	14	8	28	5	1	3	8	10.4	21.8	75	0	00	7	28	3	1	0	—	11.8	19.0	88	0	159
PORT SA'ID	00	8	30	4	0	2	8	10.8	23.4	67	0	00	8	28	3	0	0	—	12.3	19.3	80	0	134
EL ARISH																							135
LOWER EGYPT: DAMANHUR	01	7	04	4	1	5	8	11.2	24.2	53	0	01	7	32	3	1	4	1	12.3	18.0	80	0	136
MANSURA	01	8	30	2	1	4	8	10.7	26.5	40	0	01	6	28	2	1	3	0	12.4	20.5	63	0	137
TANTA	01	8	28	1	1	4	8	9.8	26.6	43	0	01	8	24	1	1	4	8	12.6	19.0	68	0	138
ZAGAZIG	01	6	24	3	1	5	8	—	26.5	49	0	01	6	24	2	1	3	8	—	20.0	68	0	139
SHEBIN EL KOM	01	8	22	4	1	3	8	10.7	28.2	36	0	00	7	28	2	0	0	—	11.5	20.2	61	0	—
MIDDLE EGYPT: CAIRO ALMAZA	01	8	30	2	1	4	8	11.0	25.5	32	0	00	7	01	1	1	2	1	12.4	23.5	40	0	141
CAIRO EZBEKIYA	01	8	28	3	1	4	8	11.4	26.4	59	0	00	8	30	1	0	1	1	12.7	22.7	46	0	—
CAIRO GIZA	00	8	26	2	1	2	8	11.4	27.2	33	0	00	7	32	2	0	1	5	12.8	21.9	49	0	—
HELWAN	01	8	22	3	1	4	8	11.2	25.7	32	0	01	8	32	2	1	4	1	12.0	23.1	40	0	143
SUEZ	01	9	14	1	1	4	4	11.9	26.4	43	0	00	9	28	1	0	0	—	12.6	25.0	38	0	144
UPPER EGYPT: FAIYUM	00	8	18	2	1	2	8	11.6	27.3	35	0	00	8	00	0	1	2	8	12.3	22.4	61	0	153
MINYA	00	9	30	2	0	0	—	12.0	29.2	26	0	00	8	32	1	0	0	—	12.2	25.9	31	0	154
ASYUT	00	8	20	1	0	0	—	12.3	29.7	22	0	00	6	22	1	0	0	—	12.2	24.0	26	0	155
NAG HAMADI	00	8	00	0	0	0	—	12.2	30.0	24	0	00	8	00	0	0	0	—	12.0	24.7	39	0	164
QENA	01	9	26	3	0	3	1	10.8	33.0	20	0	00	6	24	1	1	0	—	11.2	25.6	42	0	156
LUXOR	01	7	26	2	1	4	1	11.9	33.5	26	0	00	6	32	1	0	0	—	12.4	26.4	39	0	157
ASWAN	02	9	30	3	1	5	1	11.4	32.8	09	0	00	9	32	2	0	0	—	11.4	28.0	12	0	158
WESTERN DESERT: SIWA	00	8	20	3	0	0	—	14.6	28.6	69	0	03	5	00	0	2	8	5	13.9	26.0	69	0	148
BAHARIYA	00	9	00	0	0	0	—	13.6	30.0	36	0	00		00	0	0	0	—	14.6	26.4		0	149
KHARGA	01	9	28	1	1	4	1	12.7	33.1	16	0	01	02	02	1	1	4	3	12.0	28.0	25	0	151
DAKHLA	00	9	28	2	0	0	—	12.8	31.9	28	0	00	7	28	3	0	0	—	12.7	26.8	29	0	152
RED SEA: TOR	00	7	28	4	0	0	—	11.9	28.2	59	0	00	7	28	4	0	0	—	12.2	26.2	62	0	145
HURGHADA	00	8	32	5	0	0	—	11.8	27.4	29	0	00	8	30	3	0	0	—	11.5	23.6	24	0	146
QUSEIR	00	8	32	2	0	0	—	11.0	29.0	52	0	00	8	32	2	0	0	—	10.3	24.2	71	0	147
PORT SUDAN	12	7	02	4	0	0	—	10	32	67													208
NORTH SUDAN: WADI HALFA	05	6	02	3	0	0	—	11	36	09													165
KAREIMA	00	7	02	4	0	0	—	7	41	04													166
ATBARA	00	7	04	5	0	0	—	4	42	08													167
KHARTUM	05	6	02	5	3	0	—	3	43	10													209
KASSALA	00	8	02	3	0	1	8	0	44	08													170
CENTRAL SUDAN: WAD MEDANI	00	8	32	1	0	0	—	1	43	09													171
RENK	01	9	20	3	1	4	8	—	41	18													182
ROSEIRES	02	8	28	2	1	7	8	—	43	24													172
EL OBEID	32	3	04	6	3	4	1,2	2	41	30													174
EL FASHER	18	6	04	4	3	0	—	—	39	07													175
GENEINA	00	7	08	5	0	0	—	—	41	05													179
KADUGLI	01	8	20	3	1	4	4	4	40	24													187
S. SUDAN: MALAKAL	01	8	22	2	0	3	8	4	38	22													176
WAU																							177
JUBA	01	8	12	2	1	4	8,4	7	32	55													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

MATRUH 13h	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA 13h 45m	KAREIMA 12h 45m	KHARTUM	KASSALA 13h	EL OBEID	MALAKAL 13h	JUBA 13h 15m
03 32 30							09 36 20	09 05 25	—	09 07 20		09 20 30	09 11 30
06 32 35							15 34 30	15 04 30	—	15 33 05		15 21 15	15 08 25
09 32 40							21 33 45	21 03 55		21 34 05		21 15 15	21 07 25
15 30 50								24 01 55		27 26 05		27 19 30	27 04 15
21 30 55										33 26 05		33 25 05	
30 28 50												39 35 15	

REMARKS

Hours are ... standard time ... and are ... hours ... Greenwich Mean Time

Sta.	Mean of day Humidity % on 8th	Diff. from normal	Temperature °C on 8th	Diff. from normal
Alexandria	78	+ 8	16.4	− 1.2
Ezbekiya	56	+ 6	18.0	+ 0.3
Giza	57	+ 5	16.5	− 0.9
Helwan	69	+31	15.7	0.0

GIZA — Grass minimum temp. on 9th 9.7°

CAIRO — Water temp. River Nile at 9h on 9th 22.9° C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	9.5	1042	984
	8.5	1042	984

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m.
Juba					
Nasser				5.48	− 0.44
Malakal		9.60	− 0.51	9.58	− 0.52
J. Aulia Res					
J. Aulia D.S					
Roseires	9th	11.68	+ 0.08	11.64	+ 0.07
Sennar Res.				15.23	
Khartum				10.25	− 0.02
Kh. el Girba					
Atbara		10.30	+ 0.30	10.31	+ 0.31
Kajnarti		132.36	+ 0.50	132.39	+ 0.53
Aswan Res.		119.66		119.71	
Aswan D.S		85.25	− 0.41	85.25	− 0.40
Roda (Cairo)		15.82	+ 0.34	15.84	+ 0.36

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

At 8h. on *Thursday 9th* (الساعة ٨ يوم الخميس 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	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: SALUM												—		—				97
MATRUH	01	9	18	3	0	4	8	9.6	−4.5	22.8	22	−2	17	+2	63	0	90	159
MARIUT	03	7	18	2	2	8	4,5	12		19	22	—	15	—	73	0	182	138
ALEXANDRIA	02	8	20	2	1	7	5	13.0	−1.0	19.0	23	−2	16	−1	68	0	165	185
DAMIETTA	02	7	18	3	2	7	5	13.1	−0.5	18.4	23	—	14	—	90	0	79	104
PORT SA'ID	03	8	18	2	2	8	5	13.1	+0.4	19.3	25	−1	18	+1	74	0	71	78
EL 'ARISH																		92
LOWER EGYPT: DAMANHUR	03	6	24	3	2	8	5	13.4	−0.4	19.2	26	−3	15	0	79	0	82	99
MANSURA	03	7	14	1	2	8	9	13.1	−0.7	18.0	27	−4	13	−2	82	0	60	53
TANTA	03	7	16	1	1	8	6	13.5	−0.5	17.0	28	−3	12	−2	83	0	78	41
ZAGAZIG	03	5	16	2	2	8	8	—	—	18.8	27	−4	15	+1	78	0	9	26
SHEBIN EL KOM	03	8	10	2	2	8	0	12.8	−1.2	17.7	29	—	14	—	81	0	30	—
MIDDLE EGYPT: CAIRO ALMAZA	51	6	03	1	2	8	5,4	12.3	−1.1	20.1	28	—	13	—		dr.	7	—
CAIRO EZBEKIYA	09	5	30	1	5	8	7,5	13.9	+0.5	19.6	28	−4	16	0	66	dr.	19	25
CAIRO GIZA	09	6	30	1	2	5	6	14.0	+0.5	18.6	28	−4	13	−1	76	0	36	25
HELWAN	05	6	20	1	2	8	4,5	12.6	−0.6	21.2	27	−5	17	0	41	0	14	26
SUEZ	01	9	04	1	1	5	5	13.8	+0.8	22.8	28	−4	17	−1	71	0	—	15
UPPER EGYPT: FAIYUM	02	8	26	3	2	7	6	15.5	+2.4	22.8	29	−4	16	0	52	0	8	8
MINYA	02	8	32	2	2	5	4	15.2	+2.7	23.9	30	−3	16	0	37	0	dr.	—
ASYUT	00	7	12	1	0	0	—	13.6	+1.3	24.7	32	−2	17	−1	31	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	13.6	+2.2	25.3	31	—	15	—	38	0	1	—
QENA	00	8	24	1	0	0	—	13.2	+2.3	24.0	34	−4	18	−1	40	0	13	—
LUXOR	00	7	22	2	0	0	—	13.5	+2.4	28.0	34	−5	17	−2	33	0	0	—
ASWAN	02	9	02	2	1	5	1	13.0	+2.0	23.9	34	−4	20	−3	25	0	dr.	
WESTERN DESERT: SIWA	02	7	08	4	1	6	5	10.8	−3.8	23.0	31	−2	18	+3	91	1	2	8
BAHARIYA	01	9	00	0	1	4		14.3	+0.7	23.5	32	−2	17	+1	63	0	0	7
KHARGA	01	9	02	1	1	4	3	14.0	+2.4	25.6	34	−3	19	−1	30	0	1	—
DAKHLA	00	8	12	1	0	0	—	13.5	+1.0	25.1	34	−3	18	0	38	0	0	—
RED SEA: TOR	00	7	28	4	0	0	—	12.8	+1.8	24.2	31	+1	17	−2	70	0	0	13
HURGHADA	00	8	30	2	0	0	—	13.4	+2.1	25.4	30	−2	17	−2	39	0	1	3
QUSEIR	01	8	28	2	1	4	1	12.7	+1.7	26.2	29	−1	21	−2	37	0	11	4
PORT SUDAN	00	8	30	2	0	0	—	11		27						0	18	96
NORTH SUDAN: WADI HALFA	01	8	00	0	1	4	2	12		26					23	0	tr.	—
KAREIMA	00	8	04	3	0	0	—	10		31					11	0	7	1
ATBARA	00	8	32	4	0	0	—	9		29					19	0	8	4
KHARTUM	00	7	02	4	0	0	—	8		32					14	0	3	5
KASSALA	00	8	26	2	0	0	—	6		33					26	0	31	15
CENTRAL SUDAN: WAD MEDANI	00	7	08	4	0	0	—	7		33					19	0	13	17
RENK	00	9	20	3	0	0	—	6?		31		—		—	38	—	—	63
ROSEIRES	01	8	20	1	1	4	1	8?		30					59	0	123	68
EL OBEID	01	7	00	0	1	3	1,2	8		32					43	0	44	22
EL FASHER	05	6	12	4	0	0	—	—	—	30					13	0	2	9
GENEINA	05	6	16	2	0	0	—	—	—	27		—		—	14	—	—	11
KADUGLI												—		—		—	—	117
S. SUDAN: MALAKAL	03	8	18	2	1	8	4,2	9		28					58	0	213	140
WAU	02	8	20	3	1	8	6,2	9		27					42	0	113	269
JUBA	01	8	14	2	1	4	4	11		26					74	0	388	350

Upper Winds are in the Code HHDDVV where HH is Height 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)

MATRUH 7h	MARIUT 6h 45m	PORT SA'ID	HELWAN 8h 45m	CAIRO 10h	ASYUT 7h	LUXOR	ASWAN 7h	WADI HALFA 7h	ABU HAMAD 7h	KAREIMA 7h 15m	KHARTUM 6h 45m
03 23 50	03 18 30		02 27 15	02 18 15	02 10 20		02 03 05	09 03 35	09 01 30	09 01 35	09 03 65
06 24 40	06 28 10		05 24 20	05 21 20	05 06 25		05 03 30	15 03 55	15 23 25	15 01 40	15 04 40
09 26 40	09 30 25		08 25 20	10 26 20	10 01 15		10 02 35	21 36 40	21 23 20	21 33 15	
12 27 40	15 28 40		10 27 25	15 25 50	15 36 20		15 03 25	27 34 60		27 35 30	
15 26 40	21 28 50		15 29 45	20 26 80	20 34 25		20 02 35	33 34 70		33 35 40	
18 26 30	24 27 55		20 28 50	25 26 80			25 36 40	39 32 45		39 36 30	
21 25 35	27 28 45		23 29 55	30 25 75							
27 26 30	30 28 55		25 30 40	32 24 40							
30 27 30			29 27 35								

KASSALA	PORT SUDAN 7h	EL OBEID 7h	EL FASHER 7h	GENEINA 7h	MALAKAL 7h
	09 02 30	09 29 05	09 05 45	09 06 15	09 19 40
	15 05 20	15 34 05	15 07 55	15 07 15	15 21 30
	27 08 20	21 05 05	21 08 45	21 11 20	21 18 15
	30 09 20	27 35 10		27 09 30	27 09 05
		33 01 20			33 03 20
		39 02 20			

Upper air temp. 23rd ... 8th

Height feet			
Surface	1000	65	62
500	982	60	59
1000	964	58	54
1500	947	58	52
2000	930	57	53
4000	864	52	48
6000	801	48	34
8000	743	46	33
10000	688	38	29
12000	636	32	24
14000	588	26	22
16000	542	20	17

CYPRUS SYNOPTIC ... ON 9th

34780 03758 22528 09191 50305 00150

34880 02807 00017 10161 40305 00130

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 ... 47
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

- 50 metres 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
- ... Tenths 3
- ... Tenths 4

Very strong ...-64 7; Gale ...-65 8; Strong gale ...-77 9; Whole gale 77-90 10; Storm 91-104 11; Hurricane over 104 12

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

- ...-stratus ...
- 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 05 h. 05 m.
Sunset 18 h. 38 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. and 20h. on THURSDAY 9th — الساعة ١٤ يوم الخميس ٩ / الساعة ٢٠ يوم الخميس ٩

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																							
SALÛM																							130
MATRÛH	60	6	14	1	9	8	9	14.4?	18.0	—	5	60	8	00	0	9	7	9	11.4	18.8	90	3	131
MARIUT	64	7	29	2	6	8	5	11	24	47	dr.	62	7	21	3	9	8	4,5	14	19	83	4	150
ALEXANDRIA	02	9	28	2	5	5	5	11.5	25.8	36	dr.	50	5	20	4	6	8	9	13.2	18.4	86	3	132
DAMIETTA	01	8	12	2	1	4	6	11.2	28.1	34	0	00	8	12	3	6	2	4	10.8	19.0	82	1	159
PORT SA'ÎD	01	8	10	2	1	4	5	11.8	27.9	61	0	21	8	12	3	5	3	8	11.4	19.2	78	tr.	134
EL 'ARÎSH																							135
Lower Egypt																							
DAMANHÛR	01	6	28	3	1	5	3	10.6	30.2	35	0	96	5	28	3	8	7	7	11.0	17.8	92	8	136
MANSÛRA	01	8	20	1	2	4	0	11.5	30.0	25	0	01	6	12	2	6	3	0	11.1	16.0	98	4	137
TANTA	01	8	20	1	2	4	8	11.0	31.0	29	0	03	8	16	3	2	8	9	10.7	17.3	96	6	138
ZAGAZIG	01	6	16	2	3	4	8	11.4	28.8	35	0	12	6	28	2	9	5	9	14.3	18.0	95	3	139
SHEBÎN EL KÔM	00	8	10	2	1	2	8	10.7	31.7	29	0	00	7	10	2	6	2	8	11.5	17.7	85	3	—
Middle Egypt																							
CAIRO ALMAZA	02	8	25	2	2	5	1	10.7	29.9	25	dr.	60	5	10	5	6	8	4,5	13	19	83	2	141
CAIRO EZBEKÎYA	02	8	16	2	5	5	4	11.2	28.7	29	dr.	50	7	04	4	6	8	6	13.0	18.2	81	2	—
CAIRO GÎZA	01	8	00	0	5	4	5	11.0	29.9	30	dr.	60	6	10	2	6	5	9	12.8	19.2	78	4	—
HELWÂN	01	8	22	2	5	5	4	10.6	30.0	26	dr.	21	7	04	7	6	8	7	11.9	18.9	81	4	143
SUEZ	02	9	14	1	2	6	5	12.3	29.0	32	0	02	9	28	2	6	6	5	—	20.4	76	tr.	144
Upper Egypt																							
FAIYÛM	02	8	25	3	2	5	6	9.9	32.5	27	0	01	8	02	5	5	5	6	11.9	21.1	72	dr.	153
MINYA	01	8	14	3	1	4	2	9.9	31.8	18	0	00	8	30	3	1	0	—	11.5	26.9	40	0	154
ASYÛT	00	8	12	1	0	0	—	—	33.1	20	0	00	6	14	1	0	0	—	10.6	26.6	33	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	12.8	33.7	20	0	00	8	00	0	0	0	—	10.0	24.2	44	0	164
QENA	01	8	22	2	0	4	3	11.0	35.0	17	0	01	6	24	1	1	4	1	10.5	28.4	30	0	156
LUXOR	02	7	06	2	2	5	2	10.8	36.8	22	0	00	6	32	1	0	0	—	10.6	26.3	38	0	157
ASWÂN	02	9	30	2	1	5	1	10.6	35.8	07	0	00	9	00	0	0	0	—	9.6	32.3	08	0	158
Western Desert																							
SÎWA	03	7	20	5	2	8	5	9.0	31.0	65	3	00	—	02	3	0	0	—	10.8	25.0	84	0	148
BAHARÎYA	01	9	00	0	1	4	—	10.7	30.0	41	0												149
KHÂRGA	01	9	08	2	1	4	6	11.2	33.5	18	0	01	—	00	0	1	5	2	9.9	30.0	26	0	151
DÂKHLA	00	9	12	2	0	0	—	10.7	34.8	24	0	00	7	12	2	0	0	—	8.4	27.8	24	0	152
Red Sea																							
TÔR	10	7	28	4	0	0	—	13.5	27.8	33	0	00	7	16	3	0	0	—	11.4	25.2	55	0	145
HURGHÂDA	00	8	30	2	0	0	—	12.3	28.4	32	0	00	8	04	1	0	0	—	12.3	25.8	55	0	146
QUSEIR	01	8	32	2	1	4	1	13.0	28.0	57	0	00	8	32	2	1	0	—	12.7	26.2	56	0	147
PORT SÛDÂN	00	8	04	4	0	0	—	10	32	67													258
North Sûdân																							
WÂDI HALFA	01	8	02	3	1	5	2	9	36	10													165
KAREIMA	00	8	02	3	0	0	—	6	41	06													166
'ATBARA	00	8	02	3	0	0	—	4	41	07													167
KHARTÛM	00	7	02	4	0	0	—	4	42	11													259
KASSALA	00	8	30	2	0	3	8	1	42	14													170
Central Sûdân																							
WAD MEDANI	01	8	32	4	0	3	8	—	44														171
RENK	00	8	12	3	0	0	—	2	37	24													182
ROSEIRES	02	8	28	2	1	7	1	—	37	40													172
EL OBEID	14	7	02	4	1	4	1	3	40	10													174
EL FÂSHER	05	6	02	5	0	0	—	—	39	10													175
GENEINA	00	6	16	2	0	0	—	—	38	09													179
KADUGLI																							187
S. Sûdân																							
MALAKÂL	01	8	18	3	1	4	8	8	35	32													176
WÂU																							177
JUBA	93	8	30	2	9	8	9	12	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:

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 30	h. m.	h. m.	h. m.	h. m.	h. m.	13 h 45 m.	11 h 30 m.	12 h 15 m.	12 h 45 m.	13 h. m.	13 h. m.	h. m.
	03 24 05						09 05 15	09 03 25	09 05 35	07 12 05	09 03 60	09 17 40	
	06 25 10						15 02 30	15 03 35	15 05 35	15 03 95	15 33 45	15 19 20	
	09 19 25						21 32 30	21 35 30	21 06 35	21 11 05	21 32 35	21 19 40	
	12 20 25						27 30 30	27 34 20	24 06 50	27 13 05	27 24 10	27 20 30	
	15 21 15						30 30 40	33 33 30			30 18 10	33 21 15	
	18 22 20							39 35 40					
	21 25 60												
	24 23 40												

Hours are [illegible] standard time [illegible] and are [illegible] hours [illegible] mean time

	9th	Diff.	9th	Diff.
[illegible]	76	+6	16.5	−1.2
[illegible]	74	+24	16.6	−1.2
Gîza	74	+23	17.3	−0.2
Helwân	58	+20	16.4	+0.6

GÎZA — GRASS MINIMUM TEMP on 10th 13.7 °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	10th	1057	984
	9th	1042	984

CAIRO — WATER TEMP. RIVER NILE AT 8h on 10th 23.2 °C

Station	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
[illegible]	10th	12.82	−0.69	12.72	−0.78
[illegible]		5.64	−0.36	5.60	−0.36
[illegible]		9.59	−0.53	9.60	−0.51
J. Aulia Res.				371.47	—
J. Aulia D.S.				371.42	+0.54
Roseires		11.66	+0.03	11.68	+0.04
Sennar Res.		15.21	—	15.25	—
Khartum		10.23	−0.04	10.24	−0.03
Kh. el Girba				10.58	+0.31
Atbara		10.29	+0.29	10.30	+0.30
Kajnarti		132.33	+0.46	132.36	+0.50
Aswân Res.		119.62	—	119.66	—
Aswân D.S.		85.43	−0.24	85.25	−0.41
Roda (Cairo)		15.77	+0.29	15.82	+0.34

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

At 8h. on FRIDAY 10th — الساعة ٨ يوم الجمعة 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												—		—				97
MATRÛH	02	9	30	3	6	5	8	15.0	+1.0	19.1	28	+4	18	+2	81	8	98	159
MARIUT	01	8	32	2	5	3	6,4	14		20	30		17		73	5	187	138
ALEXANDRIA	01	9	06	2	2	3	4	13.6	−0.4	19.6	29	+3	17	0	76	8	173	185
DAMIETTA	21	7	20	2	5	6	7	12.6	−1.0	21.2	30	—	17	—	74	1	80	104
PORT SA'ÎD	02	8	20	2	2	7	6	12.8	+0.2	22.5	28	+2	19	+2	77	tr.	71	78
EL 'ARÎSH																		92
Lower Egypt																		
DAMANHÛR	02	5	08	2	6	5	8	13.1	−0.7	20.6	32	+3	15	0	76	10	92	100
MANSÛRA	01	8	28	2	1	4	9	14.4	+0.7	20.8	31	0	16	+1	71	4	64	53
TANTA	02	8	32	1	2	5	8	13.4	−0.6	20.8	32	+1	13	−1	80	6	84	42
ZAGAZIG	01	6	16	2	2	5	8	13.8	−0.2	25.0	30	−1	16	+2	54	5	14	26
SHEBÎN EL KÔM	01	8	30	2	1	4	8	11.9	−2.1	20.2	32	—	16	—	79	5	35	—
Middle Egypt																		
CAIRO ALMAZA	02	7	10	3	1	5	6,4	11.5	−1.9	24.9	32	—	18	—	36	2	9	—
CAIRO EZBEKÎYA	02	6	00	0	2	7	6	12.4	−1.0	26.2	32	0	18	+2	45	2	21	25
CAIRO GÎZA	01	7	30	2	5	4	8	12.3	−1.1	25.2	31	−1	16	+2	48	4	40	25
HELWÂN	02	7	06	2	2	6	4	11.5	−1.7	25.4	32	0	18	+1	31	4	18	28
SUEZ	01	9	18	1	1	5	5	13.0	+0.1	25.8	30	−2	18	0	45	tr.	—	16
Upper Egypt																		
FAIYÛM	01	8	04	3	1	3	6	11.2	−1.9	27.0	34	+1	19	+3	37	dr.	8	8
MINYA	00	9	02	3	0	0	—	9.2	−3.2	27.6	33	0	18	+2	26	0	dr.	—
ASYÛT	00	7	12	1	0	0	—	9.1	−3.2	29.1	34	0	20	+2	29	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.8	−1.6	27.2	35	—	17	—	41	0	1	—
QENA	01	7	12	2	1	3	1	9.5	−1.3	29.4	37	−1	20	0	22	0	13	—
LUXOR	00	7	28	1	0	0	—	10.6	−0.4	30.0	37	−2	20	+1	28	0	0	—
ASWÂN	00	9	00	0	0	0	—	9.9	−1.0	29.0	37	−1	22	−1	24	0	dr.	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	16.2	+1.6	20.0	35	+2	17	+2	91	3	5	6
BAHARÎYA																	0	7
KHÂRGA	03	9	24	1	2	8	2	10.2	−1.3	26.3	35	−2	20	0	37	0	1	—
DÂKHLA	00	8	28	1	0	0	—	9.9	−2.5	26.2	36	−1	20	+2	35	0	0	—
Red Sea																		
TÔR	00	7	28	3	0	0	—	11.5	+0.6	25.1	31	+1	17	−3	64	0	0	13
HURGHÂDA	00	8	28	4	0	0	—	11.0	−0.2	24.2	30	−2	18	−1	54	0	1	3
QUSEIR	00	8	32	2	0	0	—	10.6	−0.3	25.6	29	−1	21	−2	64	0	11	4
PORT SÛDÂN	00	8	12	1	0	0	—	12		30					59	0	18	96
North Sûdân																		
WÂDI HALFA	00	8	26	1	0	3	1	10		27					22	0	tr.	—
KAREIMA	00	8	04	1	0	0	—	10		29					12	0	7	1
'ATBARA	00	8	04	1	0	0	—	10		30					18	0	8	5
KHARTÛM	00	8	20	3	0	0	—	9		31					33	0	3	6
KASSALA	00	8	16	1	0	0	—	8		32					41	0	31	16
Central Sûdân																		
WAD MEDANI	00	9	18	4	0	2	1	9		33					26	0	13	17
RENK	00	9	18	3	0	0	—	9		29		—		—	46	—	—	64
ROSEIRES	01	8	12	1	0	4	1	13		32					31	0	123	70
EL OBEID	00	9	00	0	0	0	—	9		31					29	0	44	23
EL FÂSHER	00	8	04	3	0	0	—	—	—	36					10	0	2	9
GENEINA	00	9	00	0	0	0	—	—		25		—		—	19	—	—	12
KADUGLI	01	8	20	3	1	4	1	10		31		—		—	49		—	119
S. Sûdân																		
MALAKÂL	02	8	10	3	1	8	4,5	12		27					62	0	213	142
WÂU																0	113	273
JUBA	02	8	12	1	1	5	6,4,2	13		25					84	tr.	388	355

Upper Winds are in the Code HHDDVV where HH is Height 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:

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h 30 m.	h. m.	h. m.	7 h 15 m.	h. m.	h. m.	7 h 30 m.	h. m.	7 h 15 m.	6 h 45 m.	7 h. m.	7 h. m.
03 31 30			03 32 20			03 15 35		09 18 30	09 05 20	09 05 30	09 11 15
06 32 35			06 01 10			06 17 35		15 30 20	15 36 35	15 03 35	15 06 45
			09 17 20			09 17 50		21 30 30	21 36 30	21 02 35	18 05 35
								27 20 35	27 35 30	27 01 30	21 05 50
								33 31 30	33 35 30	33 03 20	
									39 24 25	39 03 20	

Upper winds on 10th (continued):

KASSALA	[illegible]	[illegible]	[illegible]	GENEINA	MALAKAL
6 h 45 m.	7	7	7	7	7
09 22 05	09 02 20	09 07 30	09 07 20	09 05 05	09 15 25
15 24 10	15 04 20	15 03 20	15 07 40	15 18 35	15 17 30
21 24 20	21 03 10	21 01 40	21 07 30	21 20 35	21 17 20
27 26 25	27 15 05	27 36 40	27 08 25	24 22 40	27 13 15
	33 28 10		30 08 30		33 14 20
	39 29 20				39 11 15

UPPER AIR TEMP. 23 h. 9th

Height			
[illegible]	1002	67	63
[illegible]	984	72	59
	966	70	57
1500	949	68	56
2000	932	68	53
4000	865	60	51
6000	803	51	44
8000	744	47	39
10000	689	38	32
12000	637	31	30
14000	589	22	21
15000	543	13	13

CYPRUS SYNOPTIC 8h. ON 10th
34750 01764 16214 12221 60302 00130
34823 02855 06215 13191 50203 00140

ANNUAL SUBSCRIPTION P.T. 150

Wind force	km/h	
[illegible]	[illegible]–35	[illegible]
Strong	[illegible]–44	6
Very strong	[illegible]–54	7
Gale	[illegible]–65	8
Strong gale	66–77	9
Whole gale	78–90	10
Storm	91–104	11
Hurricane	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	[illegible]
Variable sky	[illegible]
Mainly overcast	[illegible]
Sandstorm, Duststorm	3
Fog, thick dust haze	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Snow, sleet	[illegible]
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
[illegible] metres	0
200	1
500	2
[illegible] Kilometre	[illegible]
2	4
4	5
10	6
20	[illegible]
50	8
Visible over 50 kms	[illegible]

CLOUD AMOUNT (N)	
Clear	[illegible]
Trace	[illegible]
[illegible] Tenth	[illegible]
[illegible] Tenths	[illegible]
[illegible] Tenths	[illegible]
[illegible]	[illegible]

CLOUD FORM (C)	
Cirrus	[illegible]
Cirro-stratus	[illegible]
Cirro cumulus	[illegible]
Alto cumulus	4
Alto stratus	5
Strato-cumulus	6
Nimbo stratus	[illegible]
Cumulus	[illegible]
Cumulo nimbus	9
Stratus	0

CAIRO
Time of Sunrise h. 05 m. 05
Sunset h. 18 m. 38

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

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on FRIDAY 10th — الساعة ١٤ يوم الجمعة ١٠ / At 20h. on — الساعة ٢٠ يوم الجمعة 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	01	9	30	3	2	4	8	15.2	20.2	80	0	01	8	30	3	1	4	8	17.0	18.2	78	0	131
MARIUT	01	8	30	3	1	3	8	14	22	65	0	00	7	29	2	0	1	6	15	18	83	0	150
ALEXANDRIA	01	9	30	4	2	4	4	14.2	22.6	63	0	01	6	06	3	2	3	4	16.7	18.0	80	0	132
DAMIETTA	01	7	32	4	6	4	8	12.6	21.6	76	tr.	00	8	30	4	1	0	—	13.6	19.0	81	0	159
PORT SA'ÎD	21	8	26	3	5	4	6	12.6	23.8	83	dr.	02	8	30	3	2	7	6	14.8	19.4	85	0	134
EL 'ARÎSH												00	7	30	1	0	0	—	—	19.7	61	0	135
LOWER EGYPT: DAMANHÛR	00	7	08	3	0	0	—	14.6	28.8	48	0	00	6	04	3	0	0	—	14.8	18.2	68	0	136
MANSÛRA	01	8	32	2	1	4	6	12.2	27.0	47	0	00	6	32	2	1	0	—	14.7	18.5	83	0	137
TANTA	01	8	28	1	1	4	8	12.0	26.8	43	0	02	8	28	1	1	5	8	14.8	19.5	77	0	138
ZAGAZIG	01	6	32	2	1	3	8	12.3	28.0	51	0	00	6	32	2	1	0	—	14.8	19.0	81	0	139
SHEBÎN EL KÔM	01	8	02	3	1	3	8	10.3	26.2	43	0	00	7	02	3	0	0	—	13.8	18.8	75	0	—
MIDDLE EGYPT: CAIRO ALMAZA	00	8	32	2	0	0	—	10.9	29.4	35	0	00	7	02	3	0	0	—	14.0	22.0	56	0	141
CAIRO EZBEKÎYA	00	8	30	3	0	0	—	11.6	28.5	34	0	00	7	30	3	0	0	—	14.0	23.7	51	0	—
CAIRO GÎZA																							—
HELWÂN	00	7	30	5	0	0	—	10.4	28.9	34	0	00	6	32	4	0	0	—	13.5	22.1	54	0	143
SUEZ	00	9	30	2	0	0	—	11.0	31.2	24	0	00	9	30	2	0	0	—	13.8	22.4	62	0	144
UPPER EGYPT: FAIYÛM	00	8	32	4	0	0	—	10.2	29.9	39	0	00	8	32	5	0	0	—	13.2	23.2	53	0	153
MINYA	14	7	32	5	3	0	—	7.8	35.3	16	0	00	8	32	3	0	0	—	12.8	25.4	44	0	154
ASYÛT	00	9	14	1	0	0	—	7.6	36.0	13	0	00	6	28	2	0	0	—	11.1	28.1	32	0	155
NAG' HAMÂDI	00	8	24	2	0	0	—	6.3	38.7	08	0	00	8	26	2	0	0	—	9.1	29.6	31	0	164
QENA	01	8	24	4	1	4	3	4.8	39.2	11	0	00	6	24	3	1	0	—	5.6?	30.0	25	0	156
LUXOR	00	7	22	6	0	0	—	5.5	41.0	19	0	00	6	28	2	0	0	—	8.3	32.2	28	0	157
ASWÂN	00	9	24	4	0	0	—	6.7	39.0	08	0	00	9	32	1	0	0	—	6.8	35.0	08	0	158
WESTERN DESERT: SÎWA	00	8	28	3	0	0	—	16.2	29.0	19	0	00	5	00	0	0	0	—	16.4	25.0	47	0	148
BAHARÎYA												00	—	00	0	0	0	—	—	21.0	57	0	149
KHÂRGA	00	9	28	4	0	0	—	8.7	30.3	13	0	00	—	30	3	0	0	—	9.5	27.5	35	0	151
DÂKHLA	00	8	28	4	0	0	—	9.9	34.6	26	0	00	7	28	2	0	0	—	10.8	25.9	32	0	152
RED SEA: TÔR	00	7	28	3	0	0	—	9.5	30.7	24	0	00	7	28	3	0	0	—	9.2	27.7	51	0	145
HURGHÂDA	00	8	20	3	0	0	—	9.0	28.8	64	0	00	8	04	2	0	0	—	—	24.6	38	0	146
QUSEIR	00	8	32	2	0	0	—	9.5	29.0	60	0	00	8	08	2	0	0	—	6.6?	24.8	85	0	147
PORT SÛDÂN	00	8	06	3	0	0	—	9	33	57													[illegible]
NORTH SÛDÂN: WÂDI HALFA	00	8	26	2	0	0	—	6	43	07													165
KAREIMA	00	8	06	2	0	0	—	5	38	09													166
'ATBARA	00	8	04	3	0	0	—	5	42	06													167
KHARTÛM	00	8	06	3	0	0	—	5	41	15													[illegible]
KASSALA	00	8	30	1	0	3	8	3	41	17													170
CENTRAL SÛDÂN: WAD MEDANI	01	8	24	3	0	3	6	3	42	11													171
RENK	00	9	16	3	0	0	—	2	34	21													182
ROSEIRES	00	8	10	1	1	0	—	—	39	30													172
EL OBEID	00	8	05	4	1	3	1	3	40	14													174
EL FASHER	00	8	06	2	0	0	—	—	38	15													175
GENEINA																							179
KADUGLI																							187
S. SÛDÂN: MALAKÂL	01	8	16	2	1	4	8,4	6	37	27													176
WÂU																							177
JUBA	01	8	16	1	0	3	8	8	32	52													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 10th

MATRÛH	MARIUT	PORT SA'ÎD	ALMAZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 45 m.	13 h. m.	13 h. m.	12 h. 45 m.	12 h. 30 m.	13 h. m.	13 h. m.
03 32 55							09 25 20	09 07 15	09 02 10	09 17 05	09 02 15	09 17 20	09 14 10
06 33 40							15 28 40	15 07 15	15 07 05	15 22 05	15 03 35	15 17 35	15 13 15
								21 08 10	21 06 30	21 25 05	21 07 25	21 17 35	21 13 30
								27 07 35	24 05 35		27 29 15	27 17 30	27 10 30
								33 06 30	30 07 30		33 32 20	33 18 20	33 06 50
											39 31 20		39 05 30

REMARKS

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

Station	Humidity % 10th	Diff. from normal	Wet Bulb Temp °C 10th	Diff. from normal
Alexandria	77	+7	17.1	-0.7
Ezbekiya	46	-4	18.5	+0.6
Giza				
Helwân	39	+1	17.2	+1.4

GIZA — GRASS MINIMUM TEMP. ON 11th °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 11th 23.5° C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	11th	1057	784
	10th	1057	984

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Juba	11th			12.82	-0.69
Nasser				5.64	-0.36
Malakâl		9.61	-0.52	9.59	-0.53
J. Aulia Res					
J. Aulia D.S					
Roseires		11.63	-0.05	11.66	+0.03
Sennar Res.				15.21	
Khartûm				10.23	-0.04
Kh. el Girba					
Atbara		10.26	+0.25	10.24	+0.24
Kajnarti		132.29	+0.42	132.33	+0.46
Aswân Res.		119.47	—	119.62	—
Aswân D.S		85.46	-0.23	85.43	-0.24
Roda (Cairo)		15.75	+0.27	15.77	+0.29

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

At 8h. on SATURDAY 11th — الساعة ٨ يوم السبت 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 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												—		—				97
MATRÛH	01	9	30	3	1	4	8	18.0	+4.0	18.4	20	-4	14	-2	79	0	98	159
MARIUT	00	7	28	2	0	3	6	17		20	23	—	18	—	83	0	187	138
ALEXANDRIA	01	9	32	2	2	4	8	17.1	+3.1	20.0	23	-3	17	0	72	0	173	185
DAMIETTA	01	8	28	2	1	4	8	16.3	+2.8	20.8	24	—	17	—	73	tr.	81	104
PORT SA'ÎD	01	8	28	2	1	4	8	16.6	+4.0	20.7	26	0	18	+1	82	dr	71	78
EL 'ARÎSH	00	7	30	1	0	0	—	—	—	20.2	26	0	15	0	57	0	—	92
LOWER EGYPT: DAMANHÛR	01	6	08	3	1	3	8	16.6	+2.8	20.8	30	0	14	-1	73	0	92	100
MANSÛRA	02	7	02	2	2	5	6	16.7	+3.0	20.2	28	-3	13	-2	78	0	64	53
TANTA	02	8	28	1	1	5	8	17.2	+3.2	19.2	27	-5	13	-1	83	0	84	42
ZAGAZIG	02	5	32	2	2	5	8	17.1	+3.2	20.0	28	-4	14	0	74	0	14	26
SHEBÎN EL KÔM	00	8	30	2	0	2	8	16.2	+2.2	20.8	29	—	14	—	72	0	35	—
MIDDLE EGYPT: CAIRO ALMAZA	03	7	02	1	2	8	6	16.9	+3.5	18.3	30	—	15	—	80	0	9	—
CAIRO EZBEKÎYA	02	6	30	2	2	7	6	17.1	+3.7	20.8	30	-2	16	0	68	0	21	25
CAIRO GÎZA	09	6	30	2	1	5	7	17.2	+3.8	18.6	29	-3	15	+1	80	0	40	25
HELWÂN	01	6	30	4	1	4	8	17.0	+3.8	18.8	29	-3	16	-1	64	0	18	28
SUEZ	01	—	30	1	1	4	5	16.8	+3.9	21.2	32	0	18	0	59	0	—	17
UPPER EGYPT: FAIYÛM	02	8	02	3	2	5	8	17.2	+4.2	20.0	30	-4	15	-1	72	0	8	8
MINYA	00	9	02	3	0	0	—	16.0	+3.7	20.9	35	+1	16	-1	62	0	dr.	—
ASYÛT	00	7	28	2	0	0	—	15.4	+3.1	20.1	38	+3	17	-1	66	0	0	4
NAG' HAMÂDI	00	8	26	1	0	0	—	12.8	+1.5	23.7	40	—	19	—	46	0	1	—
QENA	01	7	26	2	0	3	1	12.0	+1.2	26.6	39	+1	17	-3	27	0	13	—
LUXOR	00	7	30	3	0	0	—	12.8	+1.9	28.0	41	~~+2~~	22	~~+3~~	33	0	0	—
ASWÂN	00	9	32	5	0	0	—	11.8	+1.0	26.0	41	+2	23	0	35	0	dr.	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	18.7	+4.2	19.0	31	-2	14	-1	79	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	17.4	+3.9	22.0	29	-5	16	0	66	0	0	7
KHÂRGA	00	9	02	5	0	0	—	15.2	+3.7	21.6	32	-5	20	0	55	0	1	—
DÂKHLA	00	8	28	2	0	0	—	15.8	+3.4	20.5	35	-2	18	-1	57	0	0	—
RED SEA: TÔR	00	7	28	5	0	0	—	10.8	-0.1	23.1	31	+1	21	+1	64	0	0	13
HURGHÂDA	00	8	32	5	0	0	—	11.0	-0.2	24.0	29	-3	20	0	56	0	1	3
QUSEIR	00	8	32	5	0	0	—	10.4	-0.5	26.4	30	0	23	0	48	0	11	4
PORT SÛDÂN	00	9	14	4	0	0	—	8		33					56	0	18	96
NORTH SÛDÂN: WÂDI HALFA	00	8	02	4	0	0	—	14		33					23	0	tr.	—
KAREIMA	00	8	06	3	0	0	—	—		34					22	0	7	1
'ATBARA	00	8	00	0	0	0	—	—		34					25	0	8	5
KHARTÛM	00	8	14	3	0	0	—	7		33					32	0	3	6
KASSALA																0	31	16
CENTRAL SÛDÂN: WAD MEDANI	00	8	18	2	0	0	—	7		34					16	0	13	18
RENK	00	9	18	3	0	0	—	—		33		—		—	36	—	—	65
ROSEIRES	00	8	16	2	0	0	—	8		34					23	0	123	72
EL OBEID	00	9	16	2	0	0	—	9		36					22	0	44	23
EL FÂSHER	00	8	00	0	0	0	—	—	—	34					20	0	2	10
GENEINA	00	8	00	0	0	0	—	—	—	26		—		—	16	—	—	12
KADUGLI	01	8	12	2	1	4	1	8		32		—		—	41	—	—	121
S. SÛDÂN: MALAKÂL		—														0	213	144
WÂU	01	8	12	2	1	5	5	10		29					52	0	113	277
JUBA	00	8	12	1	0	0	—	10		27					79	0	388	360

Upper Winds are in the Code HHDDVV where HH is Height 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	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	6 h. 45 m.	6 h. 30 m.	9 h. 15 m.	6 h. 30 m.	7 h. m.	7 h. 30 m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	6 h. 30 m.
	03 34 20	03 34 15	02 36 30	03 01 50	02 34 25	03 22 30	02 35 15	09 01 60	09 03 55	03 36 40	09 15 30
	06 35 15	09 36 15	05 01 35	06 01 50	05 01 20	06 36 20	05 36 35	12 01 40	15 03 20	15 02 15	15 08 20
	09 35 15	15 34 25	08 02 40	09 36 30	10 35 02	09 35 30	10 01 25	18 32 35	21 32 15	21 05 05	21 04 35
	12 34 20	21 34 20	10 03 30	15 34 35	15 34 40	15 34 35	20 32 25		27 25 15	24 06 05	24 04 35
	15 33 20	27 32 30	15 01 40	21 32 35			25 30 20		33 26 15	33 02 05	27 04 35
	21 33 20	33 30 30	20 02 30	24 30 35			30 27 15		39 30 20	39 35 05	30 05 40
	27 32 35	39 29 35	25 33 10	27 30 35							39 04 55
	30 32 35	45 29 40	30 33 30	30 31 30							

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	6 h. 45 m.	7	7	7
	09 15 15	09 21 15	09 07 20	09 25 15	09 16 35
	15 12 15	15 16 15	15 07 45	15 21 40	15 17 40
	21 08 05	21 15 15	21 07 35	21 19 20	21 15 20
	27 06 05	27 10 30	27 07 30	27 13 20	27 15 10
				33 24 15	33 06 30
					39 04 30

CYPRUS SYNOPTIC 8h. ON 11th
34700 00990 14300 14221 60002 00130
34800 01952 24301 14191 40101 00130

UPPER AIR TEMP. ALMAZA 23h. on 10th

Height Feet	PPP	TT	
Surface	1006	63	61
500	989	58	57
1000	970	57	56
1500	952	54	54
2000	935	53	49
4000	869	50	38
6000	806	44	35
8000	747	40	30
10000	692	40	30
12000	640	32	24
14000	591	25	19
15000			

PRESENT WEATHER 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	
Mainly overcast	
Sandstorm, Duststorm	3
Fog, thick dust haze	
Drizzle	
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	0
Trace	
Tenth	
2-3 Tenths	
... Tenths	

WIND FORCE (F)

Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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-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 04
Sunset h. m. 18 39

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Saturday 11th (الساعة ١٤ يوم السبت ١١) — At 20h. on 11th (الساعة ٢٠ يوم السبت 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	00	9	32	2	1	0	—	18.2	20.0	77	0	01	8	28	2	0	4	8	17.6	18.3	83	0	131
MARIUT	01	8	30	3	0	3	6	17	22		0	01	7	31	2	0	4	6	16	19	83	0	150
ALEXANDRIA	00	9	28	4	0	0	—	17.4	22.2	69	0	01	6	32	3	1	4	4	16.6	18.6	84	0	132
DAMIETTA	01	8	30	3	1	4	1	15.6	22.2	64	0	01	7	30	2	1	3	4	15.5	19.0	81	0	159
PORT SA'ÎD	01	8	30	3	0	3	1	16.3	24.0	—	0	01	8	30	3	1	3	8	16.2	19.2	87	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	34	3	1	5	8	16.3	25.0	47	0	01	6	04	3	1	4	1	15.6	18.0	80	0	136
MANSÛRA	01	8	30	1	1	4	8	15.5	27.8	33	0	00	6	32	2	1	0	—	16.2	19.2	77	0	137
TANTA	01	8	32	1	1	4	8	15.9	26.6	41	0	01	8	28	1	1	4	8	16.7	20.5	69	0	138
ZAGAZIG	01	6	32	3	2	5	8	15.4	27.0	40	0	00	6	32	2	1	0	—	16.2	18.0	80	0	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	15.1	27.4	34	0	00	7	02	2	0	2	8	14.6	20.0	63	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	8	02	3	1	3	8	14.6	27.6	37	0	00	7	02	3	0	2	1	14.8	23.1	46	0	141
CAIRO EZBEKÎYA	00	8	30	3	1	3	8	15.2	27.0	41	0	00	7	02	5	0	0	—	15.4	24.0	47	0	—
CAIRO GÎZA	01	8	02	2	1	3	8,5	14.6	26.8	38	0	00	7	30	1	1	0	—	15.1	22.1	51	0	—
HELWÂN	00	8	32	5	0	2	8	14.4	26.8	31	0	00	7	32	4	0	0	—	14.6	23.4	38	0	143
SUEZ	00	9	32	2	0	0	—	15.0	25.3	41	0	00	9	32	2	0	0	—	15.5	22.6	44	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	4	1	2	8	14.4	27.3	37	0	00	8	02	3	0	2	8	14.6	24.2	50	0	153
MINYA	00	9	32	4	0	0	—	13.8	28.4	29	0	00	8	30	2	0	0	—	12.4	23.4	43	0	154
ASYÛT	00	8	30	2	0	0	—	12.3	29.1	17	0	00	6	28	1	0	0	—	12.4	25.2	27	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	10.7	32.0	19	0	00	8	24	1	0	0	—	11.0	26.1	22	0	164
QENA	00	9	22	2	0	0	—	9.5	35.8	24	0	00	6	24	1	0	0	—	10.9	27.0	22	0	156
LUXOR	00	7	30	2	0	0	—	9.9	35.5	22	0	00	6	28	3	0	0	—	10.3	29.2	30	0	157
ASWÂN	00	9	32	3	0	0	—	9.5	34.8	11	0	00	9	32	4	0	0	—	10.0	31.5		0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	18.2	28.4	49	0	00		00	0	0	0	—	16.8	26.0	54	0	148
BAHARÎYA	00	9	32	1	0	0	—	16.0	27.8	41	0	00		00	0	0	0	—	14.8	26.6	36	0	149
KHÂRGA	00	9	32	1	0	0	—	13.4	30.9	21	0	00	9	32	3	0	0	—	13.0	27.9	23	0	151
DÂKHLA	00	9	02	3	0	0	—	13.8	30.0	26	0	00	7	28	1	0	0	—	14.8	24.7	30	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	—	25.8	64	0	00	7	28	4	0	0	—	10.7	27.4	63	0	145
HURGHÂDA	00	8	32	6	0	0	—	10.6	28.3	40	0	00	8	28	3	0	0	—	11.1	25.8	40	0	146
QUSEIR	00	8	32	4	0	0	—	10.3	28.2	60	0	00	8	32	3	0	0	—	10.2	26.6	55	0	147
PORT SÛDÂN	00	8	10	4	0	1	8	5	34	68													208
NORTH SÛDÂN																							
WÂDI HALFA	00	7	32	3	0	0	—	9	36	12													165
KAREIMA	00	8	02	1	0	0	—	5	43	10													166
ATBARA	00	8	00	0	0	1	8	3	43	09													167
KHARTÛM	01	8	32	2	1	3	8	3	43	15													209
KASSALA	01	8	02	2	0	4	8	1	42	14													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	00	0	0	5	8	1	42	19													171
RENK	00	9	20	3	0	0	—	1	40	20													182
ROSEIRES																							172
EL OBEID																							174
EL FÂSHER	00	7	32	3	0	0	—	—	40	14													175
GENEINA	00	8	10	3	0	0	—	—	40	10													179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	01	8	30	1	0	3	8	4	39	26													176
WÂU																							177
JUBA	01	8	28	1	1	4	8,1	7	33	53													178

At 8h. on Sunday 12th (الساعة ٨ يوم الاحد 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.	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												—		—				97
MATRÛH	00	9	28	2	1	3	8	17.9	+3.9	19.3	21	-4	16	0	84	0	98	159
MARIUT	01	7	02	2	1	3	6	16		20	23	—	18	—	69	0	187	138
ALEXANDRIA	01	9	32	1	2	4	4	16.7	+2.7	21.2	24	-2	18	+1	73	0	173	185
DAMIETTA	01	7	28	1	1	4	8,4	15.6	+2.1	20.4	23	—	17	—	74	0	81	104
PORT SA'ÎD	01	8	02	2	1	4	6	16.0	+3.4	20.7	24	-2	18	+1	81	0	71	78
EL 'ARÎSH																		92
LOWER EGYPT																		
DAMANHÛR	01	7	12	3	1	3	8	15.8	+2.0	21.0	26	-4	17	+2	72	0	92	100
MANSÛRA	01	8	02	1	1	4	0	16.0	+2.3	20.6	28	-3	17	+2	68	0	64	53
TANTA	01	8	32	1	1	4	8	16.4	+2.4	21.8	28	-4	14	-1	64	0	84	42
ZAGAZIG	02	6	04	3	2	5	8	16.7	+2.8	20.0	28	-4	15	0	68	0	14	26
SHEBÎN EL KÔM	01	8	30	2	1	4	8	15.5	+1.6	20.6	29	—	15	—	65	0	35	—
MIDDLE EGYPT																		
CAIRO ALMAZA	03	7	02	3	2	8	6	16.1	+2.8	19.0	28	—	15	—	72	0	9	—
CAIRO EZBEKÎYA	03	7	32	2	2	8	8	16.3	+3.0	19.8	29	-3	16	-1	67	0	21	25
CAIRO GÎZA	02	7	02	2	1	5	6	16.3	+3.0	19.3	28	-4	16	+2	66	0	40	25
HELWÂN	01	7	32	4	1	5	4	16.0	+2.9	18.9	27	-5	16	-1	64	0	18	28
SUEZ	01	9	32	3	1	4	3	16.4	+3.6	20.2	28	-4	16	-2	66	0	—	11
UPPER EGYPT																		
FAIYÛM	01	8	04	3	1	4	8	16.2	+3.2	20.5	28	-6	16	-1	65	0	8	8
MINYA	00	9	02	3	0	0	—	15.2	+2.9	20.8	29	-5	17	0	61	0	tr.	—
ASYÛT	00	7	30	1	0	0	—	14.4	+2.2	21.1	31	-4	18	0	55	0	[illegible]	4
NAG' HAMÂDI	00	8	28	1	0	0	—	13.5	+2.2	23.0	33	—	15	—	39	0	1	—
QENA	00	8	28	2	0	0	—	11.2	+0.5	25.8	40?	+2	22	+2	41	0	13	—
LUXOR												—		—				—
ASWÂN	01	9	32	2	1	3	1	12.0	+1.2	24.0	36	-3	19	-4	23	0	tr.	
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.7	+4.2	21.6	31	-3	15	-1	64	0	5	8
BAHARÎYA	00	9	22	1	0	0	—	16.4	+2.9	20.0	30	-4	15	-1	64	0	0	7
KHÂRGA	00	9	02	4	0	0	—	14.6	+3.2	21.6	34	-4	19	-2	34	0	1	—
DÂKHLA	00	8	04	2	0	0	—	15.8	+3.4	22.2	31	-6	16	-3	58	0	0	—
RED SEA																		
TÔR	00	7	28	4	0	0	—	—	—	23.5	31?	0	23	+3	62	0	0	13
HURGHÂDA	00	8	30	6	0	0	—	12.6	+1.5	22.3	29	-3	17	-3	46	0	1	3
QUSEIR	00	8	32	6	0	0	—	10.2	-0.6	25.4	29	-2	22	-1	32	0	11	4
PORT SÛDÂN	00	8	02	2	0	0	—	8		31					49	0	18	70
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	3	1	2	1	14?		24					30	0	tr.	—
KAREIMA	18	6	32	5	0	0	—	9		29					08	0	7	1
ATBARA	00	8	32	3	0	0	—	7		32					09	0	8	5
KHARTÛM	00	7	30	2	0	0	—	7		32					26	0	3	6
KASSALA	01	8	20	1	1	3	4	6		34					20	0	31	16
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	4	0	0	—	6		35					10	0	13	18
RENK	01	9	12	3	1	4	4	7		28		—		—	52	—	[illegible]	66
ROSEIRES																0	[illegible]	73
EL OBEID	00	8	26	3	1	1	4	9		31					55	[illegible]	[illegible]	[illegible]
EL FÂSHER	00	7	02	4	0	0	—	—	—	28					29	0	2	10
GENEINA	00	7	02	4	0	0	—	—	—	30		—		—	17	—		13
KADUGLI	02	8	28	2	1	5	4	9		29		—		—	99	—		123
S. SÛDÂN																		
MALAKÂL	02	8	22	2	1	5	4,5	8		27					[illegible]	0	113	146
WÂU																0	113	281
JUBA	02	8	12	1	1	8	8,2	10		26					[illegible]	0	388	365

Upper Winds are in the Code HHDDVV where HH is Height 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 13h. 15m.	MARIUT 13h. 15m.	PORT SAÏD 12h. 15m.	ALMÂZA	MINYA 12h. 45m.	LUXOR	HURGHÂDA	WÂDI HALFA 8h. 15m.	KAREIMA 13h.	KHARTÛM 13h.	KASSALA 13h.	EL OBEID	MALAKAL 13h.	JUBA 13h.
03 34 20	03 33 20	03 35 15		03 01 65?			09 35 20	09 05 20	09 05 25	09 02 05		09 16 15	09 13 02
06 03 10	06 33 20	06 33 15		06 01 10			15 33 30	15 03 15	15 05 30	15 02 05		15 18 20	15 30 05
09 02 10	09 32 20	09 34 15		09 03 05			21 32 35	21 31 15	18 06 30	21 06 05		21 20 15	21 00 00
12 35 10	15 34 15	15 34 20		15 35 20			27 29 45	24 29 10		27 07 10		27 21 10	27 08 10
18 36 20	21 33 20			21 35 —			33 29 35	30 29 10				33 25 15	33 07 15
21 35 20							36 29 25	39 30 20				36 28 15	
24 35 25								45 32 30					
27 32 25													
30 32 30													

Upper Winds on 12th (الرياح العليا يوم ١٢)

MATRÛH 7h.	MARIUT 6h. 30m.	PORT SAÏD 7h. 30m.	HELWÂN 9h. 15m.	MINYA 6h. 30m.	ASYÛT 7h.	LUXOR 8h. 45m.	ASWÂN 7h.	WÂDI HALFA	ABU HAMAD 7h.	KAREIMA 7h.	KHARTÛM 7h.
03 31 15	03 01 15	03 02 15	02 02 15	03 36 50	02 35 20	03 34 30	02 36 20		09 02 30	09 02 30	09 02 55
06 33 15	06 02 20	06 03 05	05 04 20	06 01 55	05 01 40	06 36 20	05 36 35		15 03 10	15 27 25	15 36 40
12 34 30		09 04 15	08 04 25	09 01 55	10 34 50	09 34 35	10 01 30			21 27 20	21 01 35
15 36 30		12 05 20	10 03 35	12 35 40	15 35 55	15 34 30	15 28 10			24 26 20	
21 35 30	Ent. St.	15 04 30	15 03 35	15 36 40		21 30 25	20 32 20			30 27 20	
24 35 30			20 02 25	18 35 45		30 33 25	25 29 20				
27 36 25			23 02 25	21 35 50			30 24 —				
30 36 35			25 35 20	24 36 50							
			27 35 20								

KASSALA 6h. 30m.	PORT SÛDÂN 7h. 15m.	EL OBEID 6h. 45m.	EL FÂSHER 7h.	GENEINA 7h.	MALAKAL 7h.
09 14 10	09 36 30	09 23 10	09 36 15	09 05 35	09 15 15
15 15 30		15 17 05	15 05 35	15 09 45	15 07 30
21 15 30		21 16 10	21 05 30	21 09 30	21 07 30
27 14 50		27 16 15	27 07 —	27 09 10	27 08 25
33 09 25		33 17 20			33 10 20
39 35 25		36 17 20			39 11 30

Upper Air Temp — Almâza at 23h. G.M.T. on 11th

Height Feet	PPP	TT	TdTd
Surface	1006.5	64	61
500	989	58.5	58
1000	970	56.5	56
1500	952	54.5	54
2000	935	52	51
4000	869	49.5	41
6000	806	46	35
8000	747	44	29
10000	692	39	28
12000	640	31	26
14000	591	26	21.5
15000	545	20	17

CYPRUS SYNOPTIC 8h. ON 12th
34700 00990 04300 1621x x0xxx
34814 01861 28202° 15261 10301

REMARKS

Hours are given in standard time, one 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	77	+7	17.7	-0.2
Ezbekiya	56	+6	17.6	-0.4
Giza	63	+12	16.9	-0.7
Helwan	48	+10	15.8	-0.1

GÎZA — GRASS MINIMUM TEMP. ON 12th 13.0°C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 12th 23.3°C

Discharges at Aswan measured by sluices m³ per sec.	1946	1945
12.5	1157	984
11.5	1157	984

Gauges

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.80	-0.72
Nasser				5.71	-0.31
Malakâl		9.64	-0.51	9.61	-0.52
J. Aulia Res.				371.30	
J. Aulia D S				371.25	+0.37
Roseires	11			11.63	-0.05
Sennar Res.				15.18	
Khartûm	12			10.19	0.08
Kh. el Girba				10.33	+0.04
Atbara		10.24	+0.23	10.26	+0.25
Kajnarti		132.22	+0.35	132.29	+0.42
Aswân Res.		119.44		119.47	
Aswân D.S		85.45	-0.26	85.46	-0.23
Roda (Cairo)				15.75	+0.27

PRESENT WEATHER 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	[illegible]
1 Tenth	[illegible]
2-3 Tenths	[illegible]
4-6 Tenths	[illegible]
[illegible]	[illegible]

WIND FORCE

Calm	[illegible]	[illegible]
Light air	[illegible]	[illegible]
Slight breeze	[illegible]	[illegible]
Light	[illegible]	[illegible]
Moderate	[illegible]	[illegible]
Fresh	[illegible]	[illegible]
Strong	[illegible]	[illegible]
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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-stratus	[illegible]
Cirro-cumulus	[illegible]
Alto-cumulus	[illegible]
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	[illegible]
Cumulo-nimbus	9
Stratus	0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 05 03
Sunset 18 39
MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h on SUNDAY 12th (الساعة ١٤ يوم الأحد ١٢) / At 20h on SUNDAY 12th (الساعة ٢٠ يوم الأحد 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																							
SALUM																							130
MATRUH	00	9	30	3	0	0	—	17.8	20.6	83	0	00	8	02	1	0	0	—	17.1	19.0	72	0	131
MARIUT												00	7	28	2	0	1	6	15	18	83	0	150
ALEXANDRIA	01	9	04	4	2	4	4	15.9	22.4	66	0	02	6	04	3	2	5	8	16.2	19.6	76	0	132
DAMIETTA	01	8	30	2	1	3	3	14.6	22.4	69	0	01	7	30	2	1	4	4	14.4	19.0	83	0	159
PORT SAID	01	8	02	3	1	4	1	14.8	23.8	83	0	01	8	30	4	1	4	1	14.8	19.7	88	0	134
EL ARISH																							135
Lower Egypt																							
DAMANHUR	01	7	32	3	1	3	8	14.6	25.6	49	0	00	7	32	3	1	0	—	15.2	19.2	79	0	136
MANSURA	01	8	32	2	1	4	8	14.0	28.0	36	0	01	6	30	2	1	4	8	15.2	19.5	79	0	137
TANTA	01	8	28	1	1	4	8	13.8	27.6	38	0	01	8	30	1	1	4	8	15.5	22.1	66	0	138
ZAGAZIG	01	6	32	2	1	4	8	14.2	26.8	43	0	00	6	32	2	1	0	—	14.7	20.0	76	0	139
SHEBIN EL KOM	01	8	02	2	1	4	8	13.1	28.2	35	0	00	7	02	2	1	0	—	13.8	20.4	58	0	—
Middle Egypt																							
CAIRO ALMAZA												00	7	04	4	1	1	6	13.5	23.0	52	0	141
CAIRO EZBEKIYA	01	8	02	3	1	4	8	13.4	27.7	38	0	00	7	00	0	0	0	—	13.9	22.3	53	0	—
CAIRO GIZA	01	8	06	2	1	3	5	13.2	26.9	34	0	00	7	02	2	1	0	—	14.0	21.5	61	0	—
HELWAN	00	8	32	3	0	1	1	13.1	27.0	30	0	00	7	32	6	0	2	8	13.4	23.1	46	0	143
SUEZ	01	9	02	3	1	3	2	13.0	27.0	30	0	00	9	02	4	0	0	—	14.3	22.4	48	0	144
Upper Egypt																							
FAIYUM	00	8	32	4	0	1	8	12.7	28.2	32	0	00	8	32	5	0	1	8	13.2	24.5	46	0	153
MINYA	00	9	32	3	0	0	—	12.6	29.2	23	0	00	9	32	2	0	0	—	10.7	24.5	35	0	154
ASYUT	00	8	30	2	0	0	—	11.6	28.8	18	0	00	6	28	1	0	0	—	11.2	25.1	25	0	155
NAG HAMADI	00	8	24	1	0	0	—	10.0	30.9	20	0	00	8	24	1	0	0	—	10.0	25.3	27	0	164
QENA	01	9	26	3	1	3	1	8.2	34.2	15	0	00	6	26	2	1	0	—	9.5	27.3	36	0	156
LUXOR	00	7	28	3	0	0	—	9.2	33.0	21	0	00	6	28	2	0	0	—	8.8	27.8	31	0	157
ASWAN	00	9	30	3	0	0	—	8.3	33.0	06	0	00	9	32	3	0	0	—	8.6	30.0	07	0	158
Western Desert																							
SIWA	00	9	00	0	0	0	—	17.9	30.4	46	0	00	5	00	0	0	0	—	16.0	26.2	54	0	148
BAHARIYA												00		00	0	0	0	—	—	26.0	35	0	149
KHARGA	00	9	02	3	0	0	—	12.7	30.8	22	0	00	9	32	1	0	0	—	11.9	25.6	30	0	151
DAKHLA	00	9	28	3	0	0	—	13.5	30.0	36	0	00	7	28	2	0	0	—	15.2	22.0	58	0	152
Red Sea																							
TOR	00	7	28	4	0	0	—	9.9	25.1	77	0	00	7	28	4	0	0	—	10.8	27.6	32	0	145
HURGHADA	00	8	32	6	0	0	—	11.2	27.0	39	0	00	8	32	6	0	0	—	9.9	24.2	44	0	146
QUSEIR	00	8	32	3	0	0	—	10.2	28.0	48	0	00	8	32	2	0	0	—	10.2	26.2	40	0	147
PORT SUDAN	00	8	04	3	0	0	—	7	31	75	0												169
North Sudan																							
WADI HALFA	00	8	02	4	0	0	—	8	33	10													165
KAREIMA	00	8	02	4	0	0	—	6	38	08													166
ATBARA	00	8	32	2	0	0	—	2	41	13													167
KHARTUM	00	7	28	3	0	0	—	2	41	16													168
KASSALA	01	8	08	2	1	3	8	99	43	09													170
Central Sudan																							
WAD MEDANI	00	8	08	4	0	3	8	2	43	07													171
RENK	00	9	18	3	0	0	—	—	39	13													182
ROSEIRES	00	8	20	2	1	0	—	4	40	36													172
EL OBEID	00	8	02	4	0	0	—	3	38	29													174
EL FASHER	00	7	02	3	0	0	—	—	37	06													175
GENEINA																							179
KADUGLI	02	8	20	2	1	5	9	4	39	23													187
S. Sudan																							
MALAKAL	01	8	18	3	1	5	4,1	5	35	35													176
WAU																							177
JUBA	01	8	00	0	1	5	8	5	32	59													178

At 8h on MONDAY 13th (الساعة ٨ يوم الاثنين 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																		
SALUM												—		—				97
MATRUH	01	9	02	3	0	4	8	17.8	+3.8	19.4	22	-3	17	+1	77	0	98	159
MARIUT	01	8	30	2	0	4	6	16	—	21	23	—	18	—	74	0	187	138
ALEXANDRIA	01	9	04	1	2	4	4	16.3	+2.3	19.8	24	-2	17	-1	78	0	173	185
DAMIETTA	00	8	30	4	1	0	—	14.4	+0.9	21.2	24	—	18	—	74	0	81	104
PORT SAID	01	8	30	4	1	4		14.6	+2.0	22.3	24	-2	19	+2	83	0	71	78
EL ARISH																		92
Lower Egypt																		
DAMANHUR	00	6	12	3	0	0	—	15.2	+1.4	21.3	27	-3	15	0	71	0	92	100
MANSURA	00	8	02	1	1	0	—	15.0	+1.4	22.5	29	-2	16	0	64	0	64	53
TANTA	00	8	32	1	0	0	—	15.4	+1.4	21.8	29	-3	12	-3	71	0	84	42
ZAGAZIG	00	6	32	2	1	0	—	14.8	+1.0	23.0	29	-3	14	-1	68	0	14	26
SHEBIN EL KOM	00	8	02	2	0	1	8	14.3	+0.4	21.1	29	—	13	—	74	0	35	—
Middle Egypt																		
CAIRO ALMAZA	05	6	02	2	2	6	6	14.9	+1.6	19.1	29	—	16	—	81	0	9	—
CAIRO EZBEKIYA	05	6	02	3	1	5	8	15.0	+1.7	19.3	29	-3	16	-1	75	0	21	25
CAIRO GIZA	01	7	02	2	1	4	8	15.4	+2.1	18.9	28	-4	14	0	80	0	40	25
HELWAN	00	7	32	3	0	3	8	14.7	+1.6	19.2	28	-4	16	-1	71	0	18	28
SUEZ	01	9	32	1	1	4	5	14.8	+2.1	21.2	28	-4	17	-1	69	0	—	17
Upper Egypt																		
FAIYUM	01	8	02	3	1	4	8	15.1	+2.1	20.5	29	-5	16	-1	68	0	8	8
MINYA	00	9	32	3	1	0	—	14.0	+1.7	20.7	30	-4	17	0	62	0	dr	—
ASYUT	00	7	30	2	0	0	—	13.1	+0.9	21.1	30	-5	17	-2	49	0	0	4
NAG HAMADI	00	8	26	1	0	0	—	11.6	+0.4	22.7	31	—	17	—	34	0	1	—
QENA	00	8	26	2	0	0	—	10.0	-0.7	25.0	35	-3	17	-3	34	0	13	—
LUXOR												—		—			0	—
ASWAN	00	9	30	3	0	0	—	10.6	-0.1	22.8	35	-4	20	-3	28	0	dr	—
Western Desert																		
SIWA	00	7	00	0	0	0	—	18.4	+4.0	21.3	31	-3	14	-2	63	0	5	8
BAHARIYA	00	9	00	0	0	0	—	16.6	+3.1	20.5	29	-5	15	-2	69	0	0	7
KHARGA	00	9	02	3	0	0	—	13.6	+2.3	21.2	31	-7	19	-2	55	0	1	—
DAKHLA	00	8	28	1	0	0	—	14.7	+2.4	22.5	31	-6	17	2	57	0	0	—
Red Sea																		
TOR	00	7	28	4	0	0	—	9.1	-1.7	23.3	28	-3	20	0	46	0	0	13
HURGHADA	00	8	28	4	0	0	—	9.7	-1.4	23.3	29	-3	17	-3	48	0	1	3
QUSEIR	00	8	32	4	0	0	—	8.3	-2.5	25.2	29	-2	22	-1	39	0	11	4
PORT SUDAN	00	8	32	3	0	0	—	7		31					79	0	18	96
North Sudan																		
WADI HALFA	00	8	02	2	0	0	—	11		23					29	0	1	—
KAREIMA	14	7	02	5	0	0	—	9		27					20	0	[illegible]	1
ATBARA	00	8	32	4	0	0	—	6		28					74	0		5
KHARTUM	00	7	00	0	0	0	—	8		30					13	0	3	6
KASSALA	00	8	18	3	0	1	—	3		34					29	0	31	17
Central Sudan																		
WAD MEDANI	00	9	32	4	0	0	—	8		32					18	0	13	18
RENK	00	9	32	3	0	0	—	—		29		—		—	43	—		67
ROSEIRES	01	8	16	1	1	4	1	9		32					94	0	123	75
EL OBEID	00	7	32	4	0	0	—	8		29					52	0	44	24
EL FASHER	00	9	32	1	0	0	—	—	—	26					32	0	2	10
GENEINA	01	8	04	3	1	4	1	—	—	28		—		—	10	0	—	14
KADUGLI	02	8	28	2	1	6	1	8		29		—		—	43	—	—	125
S. Sudan																		
MALAKAL	01	8	28	1	1	5	4,5	7		29					52	0	213	148
WAU	02	8	00	0	1	5	4,3	9		26					66	0	113	285
JUBA	02	8	12	2	0	5	1	9		27					79	0	388	370

Upper Winds are in the Code HHDDVV where HH is Height 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, 12th

MATRUH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h. 15 m.	12 h. 45 m.			13 h.				11 h. 15 m.	13 h.	12 h. 45 m.	12 h. 30 m.	13 h.	13 h.
03 35 30	03 24 60			03 35 55				09 02 35	09 34 20	09 21 15	09 02 10	09 20 35	09 09 15
06 01 35	06 34 35			06 03 05				15 36 45	15 36 25	12 21 24	15 36 20	15 19 30	15 05 10
09 01 30	09 34 05			09 36 30				21 33 14	21 35 20	15 20 15	21 02 25	21 19 35	27 08 15
12 01 30	12 01 15			12 35 50				24 24 45	27 36 25	21 17 05	27 03 40	27 09 50	
15 01 30	15 02 20			15 34 35				33 24 40	33 33 15	27 18 10	33 03 25		
18 02 30	18 02 20			18 35 35				39 33 45		33 15 05			
	21 01 30			21 35 30						39 14 05			
	24 01 35			24 34 35									
	27 01 25			27 34 50									

Upper winds, 13th

MATRUH	MARIUT	PORT SAID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
7 h.	6 h. 45 m.	6 h. 15 m.	9 h.	7 h.	7 h.	7 h. 15 m.	7 h.	7 h. 15 m.	7 h. 15 m.	7 h. 15 m.	7 h. 30 m.
03 36 25	03 33 20	03 03 10	02 01 15	03 36 35	02 34 34	03 33 35	02 34 20	09 36 65	09 36 50	09 01 40	09 04 25
06 35 30	06 36 25	06 02 30	05 02 30	06 02 40	05 36 35	06 34 35	05 35 35	15 36 40	15 34 35	15 35 30	15 04 35
09 35 35	09 33 20	09 01 20	08 03 35	09 02 40	10 01 40	09 35 50	10 34 50	21 36 40		21 35 20	18 01 30
	12 29 35	12 02 20	10 03 45	12 03 50		15 32 70	15 36 40	27 34 30		24 35 15	21 35 [illegible]
	15 27 65	15 01 30	15 02 55			21 32 30	20 36 25	33 32 20		27 33 20	
	18 27 60	18 04 30				24 30 50	25 32 55	36 31 30		30 31 15	
	21 28 55	21 02 30								36 28 25	
		24 01 25									
		27 01 25									

Upper winds, 13th (second set)

7 h.	7	7	7	7
09 20 25	09 02 35	09 01 20	09 03 25	09 07 35
15 21 35	15 06 35	15 03 25	15 34 20	15 06 25
21 22 45	21 05 35	21 07 10	21 36 20	21 05 40
27 23 55	27 05 35	27 06 10		27 04 40
33 10 30	33 08 30			33 35 15
39 09 20				39 34 20

Upper air, 00h 13th

Height			
	1005	63	61
	987	59	59
	976	58	53
	952	60	51
2000	934	58	48
4000	868	53	48
6000	805	47	38
8000	746	44	31
10000	691	33	27
12000	640	28	24
14000	591	20	18
15000	544	12	11

CYPRUS SYNOPTIC 8h ON 13th

34700 00990 18200 14241 20001 00120
34800 00990 28300 14220 90301 00140

Temperatures

	12th		12th	
	73	+2	17.8	-0.2
	58	+8	17.2	-0.8
	66	+15	16.6	-1.1
Aswan	52	+14	16.1	+0.1

GRASS MINIMUM TEMP. ON 13th 12.1

CAIRO — WATER TEMP. RIVER NILE AT 8h ON 13th 23.0°C

Discharges at Aswan measured by sluices, m³ per sec.

Date	1946	1945
13-5	1151	984
12-5	1157	984

Nile gauges

Gauge	Date	Reading	Diff from normal	Previous day Reading	Diff from normal
	1946	m	m	m	m
Juba	13-5	—	—	—	—
Nasser		—	—	5.82	-0.24
Malakal		9.66	-0.51	9.64	-0.51
J. Aulia Res.		—	—	—	—
J. Aulia D.S.		—	—	—	—
Roseires		11.68	-0.07	11.63	-0.09
Sennar Res.		—	—	14.58	—
Khartum		—	—	10.06	-0.21
Kh. el Girba		—	—	—	—
Atbara		10.23	+0.22	10.24	+0.23
Kajnarti		132.21	+0.33	132.22	+0.35
Aswan Res.		119.35	—	119.44	—
Aswan D.S.		85.48	-0.24	85.45	-0.26
Roda (Cairo)		—	—	15.77	+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
.. ended, now Rain	91
.. with Hail	94-96
.. with Duststorm	98
.. 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

Wind force: Very strong ..54; Gale ..65; Strong gale ..77 9; Whole gale ..90 10; Storm ..104 11; Hurricane ..104 12

Cloud forms: Cirro-cumulus; Alto-cumulus; Alto-stratus; Strato-cumulus 6; Nimbo-stratus; Cumulus; Cumulo-nimbus 9; Stratus 0

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 05 h. 02 m.
Sunset 18 h. 40 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on MONDAY 13th (الساعة ١٤ يوم ١٣) — At 20h. on (الساعة ٢٠ يوم الاثنين 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	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	1	0	—	17.1	20.7	67	0	00	9	32	1	1	0	—	16.6	18.6	82	0	131
Mariut	00	7	30	3	0	0	—	16	22	69	0	00	7	32	1	0	0	—	15	19	83	0	150
Alexandria	01	9	32	3	2	4	4	16.2	23.0	66	0	00	6	04	2	0	0	—	15.5	18.8	85	0	132
Damietta	00	8	30	4	0	0	—	14.6	23.0	65	0	00	7	30	3	0	0	—	13.6	20.0	87	0	159
Port Sa'îd	00	8	32	4	0	0	—	14.4	24.3	86	0	00	8	32	3	0	0	—	13.8	19.4	94	0	134
El 'Arîsh																							135
Lower Egypt																							
Damanhûr	01	7	12	3	1	3	8	14.6	26.8	31	0	00	7	08	3	1	0	—	15.6	19.6	72	0	136
Mansûra	00	8	02	2	0	0	—	14.4	28.5	24	0	00	6	32	2	0	0	—	14.2	19.8	74	0	137
Tanta	01	8	32	1	1	4	8	14.2	29.2	33	0	01	8	28	1	1	3	6	15.0	22.2	67	0	138
Zagazig	01	6	32	3	1	3	8	14.0	28.2	31	0	00	6	32	2	1	0	—	14.7	19.8	74	0	139
Shebîn el Kôm	00	8	30	3	0	1	8	13.4	28.9	24	0	00	7	02	2	0	0	—	14.4	20.6	58	0	—
Middle Egypt																							
Cairo Almaza	00	8	04	3	0	2	8	12.9	28.7	25	0	00	7	04	4	0	0	—	12.9	23.4	44	0	141
Cairo Ezbekîya	00	8	02	3	0	1	4	13.1	28.9	29	0	00	8	02	3	0	0	—	13.4	22.6	40	0	—
Cairo Gîza	00	8	02	2	1	1	8	13.1	28.4	23	0	00	7	02	2	0	0	—	13.1	23.8	32	0	—
Helwân	00	8	32	5	0	0	—	12.7	28.0	22	0	00	7	32	4	0	0	—	13.0	23.5	30	0	143
Suez	00	9	02	2	0	0	—	13.5	27.0	26	0	00	9	32	2	0	0	—	13.9	22.4	48	0	144
Upper Egypt																							
Faiyûm	00	8	32	4	0	0	—	12.6	28.8	24	0	00	8	02	3	0	0	—	12.2	24.8	28	0	153
Minya	00	8	32	4	0	0	—	11.9	29.0	23	0	00	8	30	2	0	0	—	11.2	25.1	36	0	154
Asyût	00	8	28	2	0	0	—	11.0	27.9	22	0	00	6	30	1	0	0	—	10.7	25.2	24	0	155
Nag Hamâdi	00	8	24	1	0	0	—	8.4	27.3	20	0	00	8	00	0	0	0	—	8.3	25.3	26	0	164
Qena	00	9	26	2	0	0	—	7.0	34.6	15	0	00	6	32	2	0	0	—	7.5?	28.2	21	0	156
Luxor	00	7	30	3	0	0	—	8.0	33.0	25	0	00	6	28	2	0	0	—	8.6	27.3	32	0	157
Aswân	00	9	30	2	0	0	—	8.0	32.6	05	0	00	9	32	1	0	0	—	8.4	29.5	10	0	158
Western Desert																							
Sîwa	00	8	24	3	0	0	—	17.2	29.5	55	0	00	5	00	0	0	0	—	14.7	26.3	54	0	148
Baharîya	00	9	32	1	0	0	—	13.1	27.0	31	0	00	—	08	1	0	0	—	—	21.4	62	0	149
Khârga	00	9	32	4	0	0	—	12.3	30.4	21	0	00	9	32	4	0	0	—	11.2	27.2	22	0	151
Dâkhla	00	9	28	2	0	0	—	13.4	29.0	31	0	00	7	28	2	0	0	—	14.8	23.0	50	0	152
Red Sea																							
Tôr	00	7	28	6	0	0	—	9.1	28.3	41	0	00	7	28	5	0	0	—	—	26.5	68	0	145
Hurghâda	00	8	32	6	0	0	—	10.2	27.0	49	0	00	8	28	4	0	0	—	9.6	24.6	51	0	146
Quseir	00	8	32	4	0	0	—	8.3	27.0	56	0	00	8	32	4	0	0	—	8.7	25.6	44	0	147
Port Sûdân	01	8	04	4	0	4	4	5	31	69													288
North Sûdân																							
Wâdi Halfa	00	8	32	4	0	0	—	9	33	10													165
Kareima	00	8	30	4	0	0	—	7	36	09													166
'Atbara	00	8	02	3	0	0	—	3	37	08													167
Khartûm	00	8	30	3	0	0	—	4	36	09													269
Kassala	02	8	20	2	0	5	8	99	41	15													170
Central Sûdân																							
Wad Medani	00	8	30	4	0	0	—	1	40	08													171
Renk	00	9	28	3	0	0	—	—	41	09													182
Roseires	01	8	25	2	1	5	8	4	40	36													172
El Obeid	00	8	28	3	0	2	1	4	36	12													174
El Fasher	01	9	24	1	1	4	2	—	37	08													175
Geneina	01	9	04	3	1	4	2	—	37	10													179
Kadugli	01	8	04	3	1	4	2	4	39	23													187
S. Sûdân																							
Malakal	11	8	24	3	1	5	8,4	3	37	24													176
Wau																							177
Juba	11	8	02	1	1	8	9	6	32	59													178

At 8h. on TUESDAY 14th (الساعة ٨ يوم الثلاثاء 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												—		—				98
Matrûh	00	9	00	0	0	3	8	16.2	+2.2	19.6	21	-4	13	-3	80	0	98	159
Mariut	00	7	30	1	0	0	—	15		21	23	—	17	—	69	0	187	138
Alexandria	00	9	04	1	0	0	—	15.6	+1.6	21.2	24	-2	18	0	76	0	173	185
Damietta	00	7	28	3	0	0	—	14.3	+0.8	21.7	24	—	18	—	72	0	81	104
Port Sa'îd	00	8	32	3	0	0	—	14.0	+1.4	22.4	25	-1	19	+2	81	0	71	78
El 'Arîsh																		92
Lower Egypt																		
Damanhûr	00	7	08	3	0	0	—	15.0	+1.2	21.3	28	-2	15	0	75	0	92	100
Mansûra	00	8	02	2	0	0	—	14.7	+1.1	22.8	29	-2	16	0	66	0	64	53
Tanta	00	8	32	1	0	0	—	14.8	+0.8	21.8	29	-3	12	-3	70	0	84	42
Zagazig	01	6	16	2	1	5	8	14.7	+0.9	18.9	29	-3	14	-1	89	0	14	26
Shebîn el Kôm	00	8	02	2	0	0	—	14.2	+0.3	21.2	30	—	13	—	71	0	35	—
Middle Egypt																		
Cairo Almaza	05	6	04	2	1	1	8	14.6	+1.3	19.8	30	—	16	—	80	0	9	—
Cairo Ezbekîya	05	5	28	2	1	3	8	15.0	+1.7	19.8	29	-3	16	-1	72	0	21	25
Cairo Gîza	09	6	02	2	1	4	8	15.0	+1.7	18.9	29	-3	15	+1	78	0	40	25
Helwân	00	6	00	0	0	0	—	14.3	+1.3	19.5	29	-3	16	-1	68	0	18	28
Suez	01	9	32	1	1	3	2	15.0	+2.3	21.0	29	-3	17	-1	68	0	—	17
Upper Egypt																		
Faiyûm	01	8	02	3	1	3	8	14.8	+1.8	20.5	29	-5	15	-2	73	0	8	8
Minya	00	9	30	3	0	0	—	13.6	+1.3	21.0	30	-4	16	-1	65	0	dx.	—
Asyût	00	8	30	2	0	0	—	12.7	+0.5	21.5	31	-4	16	-3	42	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	11.9	+0.8	23.8	31	—	16	—	34	0	1	—
Qena	00	8	24	2	0	0	—	10.6	-0.1	22.0	36	-2	17	-3	43	0	13	—
Luxor	00	7	28	2	0	0	—	11.5	+0.8	26.4	35	-7	17	-5	34	0	0	—
Aswân	00	9	32	3	0	0	—	10.6	-0.1	23.5	34	-5	18	-5	20	0	dx.	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	16.8	+2.4	21.0	32	-2	12	-4	67	0	5	8
Baharîya	00	9	30	0	0	0	—	16.4	+3.0	20.0	29	-5	14	-3	64	0	0	7
Khârga	00	9	04	3	0	0	—	13.1	+1.8	21.6	31	-7	19	-2	41	0	1	—
Dâkhla	00	8	04	1	0	0	—	14.8	+2.5	24.0	30	-7	17	-2	46	0	0	—
Red Sea																		
Tôr	00	7	04	3	0	0	—	—	—	24.5	28	-3	21	+1	58	0	0	13
Hurghâda	00	8	30	5	0	0	—	11.0	0.0	22.6	28	-4	20	0	53	0	1	3
Quseir	00	8	32	4	0	0	—	9.8	-0.9	26.0	28	-3	23	0	41	0	11	4
Port Sûdân	00	8	02	3	0	0	—	9		30					—	0	18	96
North Sûdân																		
Wâdi Halfa	00	9	04	2	0	0	—	11		24					32	0	tr.	—
Kareima	00	8	02	4	0	0	—	11		26					11	0	7	1
'Atbara	00	8	32	4	0	0	—	8		28					09	0	8	5
Khartûm																0	3	6
Kassala	00	8	22	1	0	0	—	6		28					35	0	31	17
Central Sûdân																		
Wad Medani	00	9	02	5	0	3	1	8		29					19	0	13	19
Renk	00	9	02	3	0	0	—	7		31		—		—	19	—	—	68
Roseires	00	8		1	0	0	—	9		31					—	0	123	77
El Obeid	01	9	32	3	0	3	1	9		28					14	0	44	25
El Fâsher	02	9	30	2	1	6		—	—	23					15	0	2	10
Geneina	01	9	04	3	4?	4	2	—	—	26		—		—	12	—	—	15
Kadugli	02	8	04	3	1	5		9		29		—		—	06	—	—	127
S. Sûdân																		
Malakâl	02	8	16	3	1	8	4	10		28					62	0	213	150
Wâu	02	8	24	1	1	6	4,5	11		26					62	0	113	289
Juba	81	8	12	3	8	—	9	13		22					94	35	423	375

Upper Winds are in the Code HHDDVV where HH is Height 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 (١٣)

Matrûh	Mariut	Port Sa'îd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13h 15m	13h 15m						13h 45m	12h 45m	13h 15m	12h 45m	13h 15m	13h 15m	13h
03 01 15	03 01 20						09 35 50	09 36 30	09 34 25	09 26 40	09 02 10	09 28 05	09 05 05
06 01 15	06 35 15						15 01 30	15 35 25	15 36 15	15 19 05	15 36 15	15 29 15	15 05 10
09 01 15	09 36 15						21 35 50	21 34 25	21 06 15	21 22 20	21 35 15	21 31 15	21 05 10
15 02 15	15 06 20						27 31 20	24 35 20	24 08 20		27 35 20	27 34 15	27 15 05
21 35 20	21 01 30							30 32 15	30 22 60		30 02 10	33 35 15	
30 35 30	27 36 40							39 33 15	39 13 25			39 35 15	
	33 35 40												
	36 01 20												

Station	Mean of day Humidity % on 13th	Diff. from normal	Wet bulb temp °C on 13th	Diff. from normal
Alexandria	80	+9	17.9	-0.2
Ezbekiya	56	+6	16.6	-1.5
Giza	53	+2	16.0	-1.8
Helwan	47	+9	15.4	-0.7

GÎZA — Grass minimum temp. on 14th 13.0°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	14th	1157	984
	13th	1157	984

CAIRO — Water temp. River Nile at 9h on 14th 22.6°

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14th			12.70	-0.84
Nasser				5.84	-0.24
Malakâl		9.69	-0.49	9.66	-0.51
J. Aulia Res				371.05	—
J. Aulia D.S				371.01	+0.13
Roseires		11.68	-0.12	11.68	-0.07
Sennar Res				14.11	—
Khartûm				9.92	-0.35
Khashm el Girba				10.47	+0.17
'Atbara		10.22	+0.21	10.23	+0.22
Hajnarti		132.22	+0.33	132.21	+0.33
Aswân Res.		119.28	—	119.35	—
Aswân D.S		85.47	-0.26	85.48	-0.24
Roda (Cairo)		15.88	+0.40	15.82	+0.34

Upper winds on 14th (١٤)

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7h 30m	7h 15m	6h 30m	9h	6h 30m	7h	7h 30m	7h			7h 15m	7h 15m
03 08 10	03 01 15	03 01 30	02 34 20	03 36 55	02 36 30	03 36 15	02 36 15			09 36 35	09 02 45
06 12 15	06 01 20	06 02 15	05 02 20	06 02 50	05 01 40	06 35 20	05 02 30			15 31	15 36 30
09 14 25	09 02 20	09 01 15	10 04 40	09 03 45	10 03 35	09 34 15	10 04 15			21 23 10	21 27 10
12 15 25	12 02 20	15 01 15	15 04 35	12 04 40	15 35 35	15 08 05	15 05 20			27 35 05	24 25 10
15 17 30	15 02 25	21 01 15	20 02 30	15 04 40	20 36 50	21 07 05	20 36 20			33 30 10	
21 18 35	18 02 20	24 01 30	23 01 35	18 04 45	25 03 45		25 36 25			39 30 15	
		30 01 40	25 01 55	21 06 30							
		39 01 40	29 01 35								
		51 36 65									

Kassala	Port Sûdân	El Obeid	El Fasher	Geneina	Malakal
		7h 30m		7h	
		09 02 35		09 07 40	
		15 02 15		15 07 25	
		21 26 05		21 21 05	
		27 27 10		27 26 30	
				33 28	
				39 29 20	

Cyprus synoptic on 14th

34700 00990 14200 12261 10901 00120
34800 00990 26301 13230 41504 00140

Upper air temp. Almaza at 4h. on 14th

Height			
Surface	1005	62	60
500	987	57	57
1000	969	55	55
1500	952	55	49
2000	935	55	49
4000	868	48	42
6000	805	43	32
8000	747	43	29
10000	691	34	28
12000	640	28	19
14000	591	22	16
16000	545	15	9

Storm

WIND DIRECTION (DD) on Scale ... e.g. 08 = East, 18 = 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)

Cumulo nimbus
Stratus

Printed by the Survey of Egypt, 1945 (45/306)
ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 05 02
Sunset h. m. 18 41

Month MAY 1946

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٤٦ شهر مايو

1417 F.C.

At 14h. on Tuesday 14th — الساعة ١٤ يوم ١٤ | At 20h. on — الساعة ٢٠ يوم الثلاثاء 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 8-14h 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	06	2	0	4	8	15.1	21.3	68	0	02	8	00	0	1	5	8	14.7	18.6	86	0	131
	MARIUT	01	8	29	3	1	4	8	15	23	53	0	00	7	00	0	1	2	1	14	18	83	0	150
	ALEXANDRIA	01	9	30	2	1	3	1	15.2	24.6	59	0	01	6	32	2	2	4	1	15.0	18.8	75	0	132
	DAMIETTA	00	8	30	3	0	0	—	13.6	24.1	50	0	00	8	28	2	0	0	—	13.5	20.0	83	0	159
	PORT SAÏD	00	8	32	3	0	0	—	14.3	25.3	61	0	00	8	30	2	0	0	—	13.9	20.0	78	0	134
	EL ARÎSH																							135
Lower Egypt	DAMANHÛR	01	7	04	4	1	3	8	13.9	27.0	49	0	00	7	32	3	0	0	—	14.8	19.6	68	0	136
	MANSÛRA	00	8	04	2	0	0	—	13.8	30.0	22	0	00	6	32	1	0	0	—	14.3	20.5	60	0	137
	TANTA	00	8	04	2	0	0	—	13.5	29.8	31	0	00	8	08	1	0	0	—	14.3	20.6	69	0	138
	ZAGAZIG	00	6	32	2	1	0	—	13.5	28.5	33	0	00	6	32	2	0	0	—	13.0	20.2	64	0	139
	SHEBÎN EL KÔM	00	8	30	3	0	0	—	12.4	29.7	25	0	00	7	02	2	0	0	—	13.2	21.1	53	0	—
Middle Egypt	Cairo ALMAZA	00	8	08	3	0	2	1	12.6	28.9	20	0	00	7	02	2	0	0	—	12.9	25.1	28	0	141
	Cairo EZBEKÎYA	00	8	32	2	0	0	—	12.8	28.8	28	0	00	6	30	1	0	0	—	13.2	23.8	34	0	—
	Cairo GÎZA	00	8	02	2	0	1	5	12.6	28.7	24	0	00	7	30	2	0	1	1	13.1	23.2	38	0	—
	HELWÂN	00	8	32	3	0	1	1	12.7	28.8	15	0	00	7	02	4	0	0	—	12.7	25.2	21	0	143
	SUEZ	00	9	02	1	0	0	—	14.7	27.8	19	0	00	9	32	1	0	0	—	13.6	23.4	33	0	144
Upper Egypt	FAIYÛM	00	8	32	4	0	2	1	12.6	28.8	26	0	00	8	30	2	0	2	1	12.8	23.8	41	0	153
	MINYA	00	9	30	3	0	0	—	12.2	30.6	30	0	01	9	32	2	1	3	4	11.6	23.8	39	0	154
	ASYÛT	00	8	30	1	0	0	—	10.7	30.0	13	0	00	6	28	1	0	0	—	11.2	25.2	27	0	155
	NAG HAMÂDI	00	8	00	0	0	0	—	9.5	32.0	14	0	00	8	00	0	0	0	—	8.6	23.6	37	0	164
	QENA	00	9	22	2	0	0	—	8.7	34.8	17	0	00	6	22	2	0	0	—	8.7	29.0	20	0	156
	LUXOR	00	7	22	2	0	0	—	9.6	34.0	24	0	00	6	28	1	0	0	—	9.8	25.4	39	0	157
	ASWÂN	00	9	18	1	0	0	—	8.2	33.4	11	0	00	9	00	0	0	0	—	8.4	31.0	10	0	158
Western Desert	SÎWA	00	8	00	0	0	0	—	16.2	31.0	49	0	00	—	00	0	0	0	—	13.9	26.2	54	0	148
	BAHARÎYA	00	9	32	1	0	0	—	13.0	28.0	41	0	00	—	00	0	0	0	—	14.7	21.5	62	0	149
	KHÂRGA	00	9	32	2	0	0	—	10.7	31.4	20	0	00	9	32	1	0	0	—	11.6	28.2	23	0	151
	DÂKHLA	00	9	28	2	0	0	—	12.7	29.5	27	0	00	7	28	1	0	0	—	14.8	22.6	57	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	10.7	25.8	67	0	00	7	32	3	0	0	—	10.2	27.1	32	0	145
	HURGHÂDA	00	8	32	4	0	0	—	12.0	26.8	50	0	00	8	04	3	0	0	—	11.2	23.8	47	0	146
	QUSEIR	00	8	32	3	0	0	—	10.3	28.0	57	0	00	8	32	3	0	0	—	10.3	25.7	51	0	147
	PORT SÛDÂN	00	8	04	4	0	0	—	6	32	34	0												208
North Sûdân	WÂDI HALFA	00	8	02	2	0	0	—	9	33	10	0												165
	KAREIMA	00	9	28	2	0	0	—	7	34	07	0												166
	ATBARA	00	8	32	2	0	0	—	5	37	10	0												167
	KHARTÛM	00	8	24	3	0	0	—	6	37	11	0												169
	KASSALA	00	8	20	3	0	1	8	0	41	07	0												170
Central Sûdân	WAD MEDANI	00	8	30	2	0	0	—	3	39	07	0												171
	RENK	00	9	00	0	0	0	—	—	42	06	—												182
	ROSEIRES	00	8	28	2	0	0	—	6	39	26	0												172
	EL OBEID	01	8	26	2	1	3	2	5	35	18	0												174
	EL FÂSHER	01	9	30	2	1	4	2	—	34	07	0												175
	GENEINA	01	9	18	3	1	4	2	—	36	07	0												179
	KADUGLI	02	8	04	2	1	6	1	4	39	10	—												187
S. Sûdân	MALAKÂL	01	8	16	3	1	5	8,4,1	6	34	44	0												176
	WÂU																							177
	JUBA	02	8	12	3	1	6	4,5	9	29	66	0												178

At 8h. on Wednesday 15th — الساعة ٨ يوم الأربعاء 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	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												—		—				98
	MATRÛH	00	9	18	3	2	0	—	12.6	-1.4	23.2	23	-2	15	-1	25	0	98	159
	MARIUT	00	7	16	1	0	1	2	14		22	24	=	12	=	53	0	187	188
	ALEXANDRIA	01	8	12	2	2	4	4	16.7	+2.7	22.0	25	-1	17	-1	58	0	173	185
	DAMIETTA	00	8	14	1	0	0	—	13.6	+0.2	23.4	25	—	15	—	56	0	81	104
	PORT SAÏD	00	8	02	2	0	0	—	14.0	+1.4	22.3	26	0	17	0	64	0	71	78
	EL ARÎSH	00	9	00	0	0	0	—	13.8	+0.3	24.0	26	-1	13	-2	66	0	—	92
Lower Egypt	DAMANHÛR	00	7	16	3	0	0	—	14.2	+0.4	22.0	28	-2	13	-2	47	0	92	100
	MANSÛRA	00	8	02	1	0	0	—	12.8	-0.7	22.5	31	0	11	-5	63	0	64	53
	TANTA	00	8	12	1	0	0	—	14.2	+0.3	22.0	30	-2	12	-3	58	0	84	42
	ZAGAZIG	00	6	16	2	0	0	—	13.8	0.0	22.8	30	-2	13	-2	59	0	14	27
	SHEBÎN EL KÔM	00	8	04	2	0	0	—	13.5	-0.3	22.8	31	—	[illegible]	—	57	0	35	—
Middle Egypt	Cairo ALMAZA	00	7	07	1	0	0	—	13.4	+0.2	21.0	30	—	[illegible]	—	55	0	9	—
	Cairo EZBEKÎYA	05	6	04	1	0	0	—	13.8	+0.6	23.4	31	-1	15	-2	48	0	21	25
	Cairo GÎZA	00	7	10	1	0	0	—	14.0	+0.8	22.3	30	-2	13	-1	58	0	40	25
	HELWÂN	05	6	00	0	0	0	—	13.6	+0.6	21.2	29	-3	14	-3	48	0	18	28
	SUEZ	00	9	32	1	0	0	—	13.2	+0.6	21.6	29	-3	14	-4	60	0	—	17
Upper Egypt	FAIYÛM	00	8	30	1	0	0	—	14.2	+1.2	22.8	30	-4	16	-1	47	0	8	8
	MINYA	01	9	32	2	1	3	1	13.6	+1.3	24.0	31	-3	17	0	49	0	dr	—
	ASYÛT	00	7	20	1	0	0	—	13.4	+1.3	22.0	33	-2	15	-4	36	0	0	4
	NAG HAMÂDI	00	8	00	0	0	0	—	13.0	+1.9	22.9	34	—	15	—	43	0	1	—
	QENA	01	7	28	2	0	3	1	12.2	+1.5	23.0	36	-2	17	-3	38	0	13	—
	LUXOR																		—
	ASWÂN	00	9	32	3	0	1	1	11.9	+1.2	24.4	35	-4	18	-5	17	0	dr	
Western Desert	SÎWA	00	7	00	0	0	0	—	14.6	+0.2	22.8	33	-1	13	-3	53	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	15.2	+1.8	22.0	29	-5	16	-1	66	0	0	7
	KHÂRGA	00	9	00	0	0	0	—	13.9	+2.7	24.1	32	-6	19	-2	42	0	1	—
	DÂKHLA	00	8	24	1	0	0	—	14.3	+2.1	23.0	31	-7	15	-4	48	0	0	—
Red Sea	TÔR	00	7	04	3	0	0	—	12.0	+1.3	22.9	26	-5	15	-5	38	0	0	13
	HURGHÂDA	00	8	30	4	0	0	—	13.1	+2.1	25.0	28	-4	18	-2	30	0	1	3
	QUSEIR	00	8	32	4	0	0	—	11.1	+0.4	25.8	29	-2	20	-3	43	0	11	4
	PORT SÛDÂN	00	8	10	2	0	1	1	11		29					40	0	18	96
North Sûdân	WÂDI HALFA	00	8	02	2	0	2	2	12		23					19	0	tr	—
	KAREIMA	00	8	06	1	0	0	—	11		26					16	0	7	1
	ATBARA	00	8	30	2	0	0	—	9		28					10	0	8	5
	KHARTÛM	00	8	30	4	0	0	—	10		28					10	0	3	6
	KASSALA																0	31	18
Central Sûdân	WAD MEDANI	00	9	00	0	0	0	—	10		29					12	0	13	19
	RENK	00	9	28	3	0	0	—	—		30		—		—	55	—	—	69
	ROSEIRES	00	8	20	1	0	0	—	—		30					55	0	123	79
	EL OBEID	00	9	06	3	0	0	—	11		27					22	0	44	25
	EL FÂSHER	00	9	30	1	0	0	—	—	—	22					09	0	2	11
	GENEINA	00	9	04	3	0	0	—	—	—	25		—		—	08	—	—	16
	KADUGLI	00	8	04	2	0	3	1	10		30		—			49	—	—	129
S. Sûdân	MALAKÂL	01	8	14	3	1	4	4	10		29					57	0	213	152
	WÂU	01	8	00	0	1	4	4	10		27					70	0	113	293
	JUBA	01	8	00	0	1	5	4	10		27					79	0	423	380

Upper Winds are in the Code HHDDVV where HH is Height 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

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

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h 15m	7h	6h 15m	9h	6h 30m	7h	7h 15m	7h	7h	7h 15m	7h 15m	7h
03 23 30	06 16 05	03 12 10	02 27 05	03 03 25	02 02 15	03 02 10	02 36 10	09 02 20	09 04 25	09 03 20	09 01 25
06 26 25	09 22 05	06 02 15	05 06 15	06 35 25	05 02 30	06 04 10	05 05 15	15 06 10	15 04 25	15 05 10	15 36 05
09 36 15	15 31 25	09 35 15	10 01 05	09 34 30	10 35 45	09 02 15	10 02 15	21 36 20	21 10 05	21 06 05	21 26 40
12 02 15	21 34 25	15 05 05	15 32 15	15 35 30	15 36 60	15 33 10	15 24 10	27 32 10	27 30 15	27 34 10	24 26 45
15 32 20	27 33 10	21 33 20	20 34 25	21 35 25		21 35 15	20 33 20	33 33 15	33 27 25	33 35 05	30 26 30
21 31 30	30 34 20	27 32 35	25 33 35	27 35 20		30 29 20	25 33 20	39 31 20	39 27 25	39 30 15	
24 31 30	36 34 35	30 33 40	30 35 30	30 36 25		39 32 30					
	42 32 35	36 32 40	35 34 32	36 31 20		48 31 50					
	51 32 35	42 33 35	40 34 35	42 32 30		51 32 30					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7h 15m	6h 45m	h. m.	7h	6h 45m
	09 01 20	09 06 40		09 11 35	09 17 40
	15 04 25	15 06 20		15 08 25	15 17 40
	21 06 15	21 08 20		21 21 15	21 21 20
		30 13 15		27 22 15	27 22 30
				33 25 10	33 31 05
				39 33 20	39 35 10

UPPER AIR TEMP — ALMAZA at 23h on 14-15/5th

Height feet	PPP	TT	
Surface	1005	66	63
500	986	63	58
1000	968	62	54
1500	951	61	52
2000	934	61	47
4000	867	53	41
6000	804	48	34
8000	746	44	29
10000	690	40	29
12000	639	32	25
14000	590	26	22
16000	544	18	16

CYPRUS SYNOPTIC ... on 15th

34700 00990 08200 09231 20001 00210
34800 00990 25400 11210 90801 00140

REMARKS

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

Mean of day

Station	Humidity % on 14th	Diff. from normal	Wet bulb temp. °C on 14th	Diff. from normal
Alexandria	69	-2	17.8	-0.4
Ezbekiya	51	+1	16.6	-1.6
Giza	55	+5	16.3	-1.6
Helwan	41	+3	15.0	-1.2

GÎZA — Grass minimum temp. on 15th 8.9 °C

CAIRO — Water temp. River Nile at 9h on 15th 22.7 °C

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	15th	1157	984
	14th	1157	984

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	15/5			13.08	-0.46
Nâsser				5.81	-0.31
Malakâl		9.70	-0.48	9.69	-0.49
J. Aulia Res.				370.99	—
J. Aulia D.S				370.95	+0.07
Roseires				11.68	-0.12
Sennar Res.				13.59	—
Khartûm				9.87	-0.39
Kh. el Girba				10.44	+0.14
Atbara		10.16	+0.15	10.22	+0.21
Kajnarti		132.21	+0.31	132.22	+0.33
Aswân Res.		119.20	—	119.28	—
Aswân D.S		85.45	-0.30	85.47	-0.26
Roda (Cairo)		16.02	+0.54	15.88	+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	
Mainly overcast	
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

Clear	
Trace	
... Tenth	
... Tenths	
... Tenths	
... Tenths	
...	
...	
...	
...	

WIND FORCE (F)

...	...	
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)
... on Scale 01-32 e.g. 08 = East, 18 = South, 24 = West, 32 = North, 00 is Calm

CLOUD FORM (C)

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

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m.
Sunset h. m.

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

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Wednesday 15th (الساعة ١٤ يوم ١٥) — At 20h. on 15th (الساعة ٢٠ يوم الأربعاء 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 8-14 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	06	2	0	0	—	—	31.1	26	0	00	8	14	2	0	0	—	11.9	23.6	50	0	131
Mariut	00	7	29	2	0	0	—	12	27	16	0	00	7	05	1	0	0	—	13	18	60	0	150
Alexandria	00	9	00	0	0	0	—	13.5	27.2	36	0	00	6	00	0	0	0	—	13.4	22.0	39	0	132
Damietta	00	8	04	3	0	0	—	13.5	25.0	40	0	00	8	04	2	1	2	3	13.4	21.0	63	0	159
Port Sa'îd	00	8	04	3	0	0	—	14.0	26.3	37	0	00	7	04	2	0	0	—	13.6	21.2	62	0	134
El 'Arîsh	00	9	—	0	0	0	—	13.4	24.9	61	0	00	9	—	—	0	0	—	13.8	20.9	82	0	135
Lower Egypt																							
Damanhûr	00	7	12	2	0	0	—	13.1	30.0	21	0	00	7	12	2	0	0	—	12.8	21.8	43	0	136
Mansûra	00	8	32	2	0	0	—	13.2	30.5	20	0	00	6	32	2	0	0	—	13.6	21.4	46	0	137
Tanta	00	8	08	1	0	0	—	13.2	31.1	31	0	00	8	08	1	0	0	—	13.2	21.3	68	0	138
Zagazig	00	6	32	2	0	0	—	13.4	29.2	24	0	00	6	32	2	0	0	—	14.2	20.5	55	0	139
Shebîn el Kôm	00	8	30	2	0	0	—	12.2	31.9	24	0	00	7	02	2	0	0	—	12.2	23.4	40	0	—
Middle Egypt																							
Cairo: Almaza	00	8	02	2	0	0	—	12.1	31.9	09	0	00	7	08	1	0	0	—	11.9	28.2	18	0	141
Cairo: Ezbekîya	00	8	04	1	0	0	—	12.7	30.0	19	0	00	7	00	0	0	0	—	12.3	24.2	32	0	—
Cairo: Gîza	00	8	30	1	0	0	—	12.6	29.9	15	0	00	7	00	0	0	0	—	12.4	21.6	55	0	—
Helwân	00	8	00	0	0	0	—	11.9	30.1	09	0	00	7	32	2	0	0	—	12.3	25.7	15	0	143
Suez	00	9	32	1	0	0	—	13.1	30.0	16	0	00	9	32	1	0	0	—	13.2	23.7	32	0	144
Upper Egypt																							
Faiyûm	00	8	30	1	0	0	—	12.2	30.4	21	0	00	8	32	1	0	0	—	11.9	24.1	38	0	153
Minya	00	9	20	2	1	0	—	12.2	32.0	26	0	00	9	02	2	0	0	—	12.0	25.8	31	0	154
Asyût	00	8	28	1	0	0	—	11.4	31.1	08	0	00	6	26	1	0	0	—	11.1	26.9	19	0	155
Nag' Hamâdi	00	8	00	0	0	0	—		33.6	17	0	00	8	00	0	0	0	—	10.4	27.5	22	0	164
Qena	00	9	16	2	1	0	—	9.9	35.3	19	0	00	6	24	2	0	0	—	11.0	28.2	41	0	156
Luxor	00	7	26	1	0	0	—	10.4	36.0	19	0	00	6	22	1	0	0	—	11.2	28.8	16	0	157
Aswân	00	9	32	1	0	0	—	9.4	34.0	13	0	00	9	00	0	0	0	—	9.5	30.6	10	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	13.9	35.8	50	0	00	—	00	0	0	0	—	13.4	32.0	54	0	148
Baharîya	00	9	00	0	0	0	—	13.6	30.2	35	0	00	—	00	0	0	0	—	14.6	26.4	27	0	149
Khârga	00	9	04	3	0	0	—	12.3	32.3	19	0	00	9	32	2	0	0	—	11.2	28.2	21	0	151
Dâkhla	00	9	28	2	0	0	—	13.4	34.0	15	0	00	7	28	1	0	0	—	—	28.0	26	0	152
Red Sea																							
Tôr	00	7	28	5	0	0	—	11.5	26.2	55	0	01	7	28	3	0	0	—	10.8	24.1	33	0	145
Hurghâda	00	8	32	4	0	0	—	11.0	26.4	41	0	00	8	32	2	0	0	—	11.8?	24.6	40	0	146
Quseir	00	8	32	3	0	0	—	—	28.0	51	0	00	8	24	2	0	0	—	10.6	24.2	62	0	147
Port Sûdân	00	8	04	4	0	0	—	9	31	49	—												168
North Sûdân																							
Wâdi Halfa	00	9	04	1	0	0	—	9	34	07													165
Kareima	00	8	02	2	0	0	—	8	36	06													166
'Atbara	00	8	28	1	0	0	—	6	37	07													167
Khartûm	00	8	24	2	0	0	—	5	38	09													169
Kassala	00	8	24	2	0	0	—	4	39	44													170
Central Sûdân																							
Wad Medani	00	8	14	2	0	0	—	4	39	07													171
Renk	01	9	20	3	1	4	8	—	39	20													182
Roseires	01	8	20	1	0	4	8	7	38	18													172
El Obeid	00	9	12	1	0	0	—	5	36	22													174
El Fâsher	00	9	08	1	0	0	—	—	36	29													175
Geneina	00	9	14	3	0	2	8	—	37	11													179
Kadugli	01	8	12	3	1	4	4	5	38	24													187
S. Sûdân																							
Malakâl	10	8	08	4	1	5	0	5	35	35													176
Wâu																							177
Juba	02	8	00	0	1	5	9,2	7	33	53													178

At 8h. on Thursday 16th (الساعة ٨ يوم الخميس 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	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												—		—				98
Matrûh	01	9	00	0	0	4	8	13.1	-0.8	24.1	32	+7	21	+5	46	0	98	160
Mariut	01	7	08	1	0	3	1	14	—	24	28	—	13	—	28	0	187	133
Alexandria	01	8	12	2	1	4	1	12.4	-1.5	22.4	29	+3	19	+1	37	0	173	135
Damietta	01	8	12	2	1	4	3	13.4	0.0	24.9	27	—	18	—	47	0	81	105
Port Sa'îd	01	8	06	2	1	4	2	14.3	+1.7	24.1	27	+1	26	+3	35	0	71	79
El 'Arîsh	00	9	—	—	0	0	—	14.3	+0.8	26.5	28	+1	13?	+3	38	0	—	93
Lower Egypt																		
Damanhûr	01	6	16	3	1	3	1	13.1	-0.7	23.0	31	+1	14	-1	41	0	92	100
Mansûra	01	8	08	1	1	3	6	14.2	+0.7	25.2	32	+1	15	-1	35	0	64	54
Tanta	01	8	08	1	0	4	8	13.9	+0.1	23.0	32	0	14	-1	41	0	84	42
Zagazig	00	6	16	2	0	2		13.5	-0.3	23.4	31	-1	16	+1	40	0	14	27
Shebîn el Kôm	00	8	04	2	0	1	3	13.0	-0.8	24.1	33	—	15	—	43	0	35	—
Middle Egypt																		
Cairo: Almaza	05	6	08	1	0	3	1	13.1	-0.1	25.8	32	—	16	—	16	0	9	—
Cairo: Ezbekîya	05	6	24	1	0	3	1	13.6	+0.4	24.3	32	0	15	-2	47	0	21	25
Cairo: Gîza	00	7	00	0	0	2	5	13.9	+0.7	22.4	31	-1	11	-4	51	0	40	25
Helwân	05	6	00	0	0	2	1	13.1	+0.1	25.0	32	0	16	-2	28	0	18	28
Suez	00	9	00	0	0	0	—	13.9	+1.3	24.8	32	0	16	-3	30	0	—	17
Upper Egypt																		
Faiyûm	00	8	18	1	0	2	1	13.9	+0.9	24.6	32	-2	14	-3	37	0	8	8
Minya	01	9	32	1	1	3	5	13.1	+0.8	26.4	33	-1	15	-2	20	0	dr	—
Asyût	00	7	00	0	0	0	—	13.0	+0.9	24.1	34	-1	16	-3	27	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	12.8	+1.8	23.8	35	—	14	—	37	0	1	—
Qena	00	8	32	2	0	0	—	12.2	+1.6	22.3	38	0	17	-3	46	0	13	—
Luxor												—		—				—
Aswân	00	9	02	1	0	0	—	11.9	+1.3	25.8	37	-2	19	-5	16	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	13.4	-0.9	27.0	38	+4	16	0	52	0	5	8
Baharîya	00	9	00	0	0	0	—	14.7	+1.3	22.0	31	-3	16	-1	55	0	0	7
Khârga	00	9	24	1	0	0	—	13.0	+1.8	22.6	34	-4	14	-7	35	0	1	—
Dâkhla	00	8	24	1	0	0	—	13.2	+1.0	24.0	34	-4	16	-3	46	0		—
Red Sea																		
Tôr	00	7	32	3	0	0	—	12.3	+1.7	19.5	29	-2	14	-6	47	0	0	13
Hurghâda	00	8	30	1	0	0	—	12.0	+1.1	25.2	28	-4	15	-5	38	0	1	3
Quseir	00	8	28	2	0	0	—	11.6	+1.0	27.7	29	-2	20	-3	29	0	11	4
Port Sûdân	00	8	32	1	0	0	—	11		30					27	0	18	96
North Sûdân																		
Wâdi Halfa	00	8	02	1	0	1	1	12		23					26	0	tr	—
Kareima	00	8	04	1	0	0	—	11		26					11	0	7	1
'Atbara	00	8	03	1	0	0	—	10		27					16	0	8	5
Khartûm	00	8	04	2	1	2	—	9		31					11	0	3	6
Kassala	00	8	00	0	0	0	—	9		27					48	0	31	18
Central Sûdân																		
Wad Medani	00	9	32	4	0	0	—	8		32					06	0	13	19
Renk	00	9	30	3	0	0	—	7?		35		—		—	30	—		70
Roseires	00	8	20	1	0	0	—	11?		31					33	0	123	80
El Obeid	00	8	04	3	0	0	—	10		28					27	0	44	25
El Fâsher	01	9	32	2	1	3	1	—	—	26					30	0	2	11
Geneina	00	9	02	3	0	2	4	—	—	26		—		—	06	—	—	17
Kadugli	00	8	12	2	0	1	1	9		32		—		—	17	—	—	132
S. Sûdân																		
Malakâl	00	8	06	2	0	2	4	10		31					31	0	213	154
Wâu	01	8	16	1	1	3	1	9		28					55	0	114	247
Juba	01	8	12	1	1	5	6	11		26					24	0	421	385

Upper Winds are in the Code HHDDVV where HH is Height 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 13h. m.	Mariut 13h. 15m.	Port Sa'îd 12h. 30m.	Almaza h. m.	Minya 12h. 45m.	Luxor 13h. m.	Hurghâda 13h. 15m.	Wâdi Halfa 12h. 45m.	Kareima 12h. 45m.	Khartûm 13h. m.	Kassala 12h. 45m.	El Obeid 12h. 30m.	Malakal 13h. m.	Juba 13h. m.
03 33 15	03 31 10	03 12 05		03 36 20	03 19 05	03 35 25	09 02 15	09 01 15	09 27 05	09 08 05	09 05 15	09 30 05	09 04 05
06 31 15	06 25 05	06 05 05		06 01 40	06 27 05	06 24 25	15 01 10	15 04 10	15 29 15	15 24 10	15 12 15	15 05 05	15 08 05
09 28 15	09 27 05	09 26 05		09 01 40	09 25 05	09 31 30	21 02 15	21 09 05	21 36 30	21 22 10	21 16 20	21 01 05	21 10 15
12 27 20	12 32 10	12 17 10		12 02 20	15 01 10	12 29 30	27 31 10	27 03 15	24 27 40	27 23 05	27 21 20		27 07 05
18 29 25	15 33 15	15 18 05		15 01 15	21 03 05	15 28 15	33 27 15	33 36 10	30 31 10		33 27 15		39 24 10
21 20 25	18 27 05			21 36 20	30 30 20		39 30 25	39 29 10	39 34 15		39 34 15		
24 31 35	21 33 30			27 33 15									
27 33 40				30 33 15									
30 34 35				36 34 30									

Upper Winds on 16th (الرياح العليا يوم ١٦)

Matrûh 7h. m.	Mariut 6h. 30m.	Port Sa'îd 6h. 30m.	Helwân 9h. m.	Minya 6h. 30m.	Asyût 7h. m.	Luxor 7h. 30m.	Aswân h. m.	Wâdi Halfa 7h. m.	Abu Hamad h. m.	Kareima 7h. 15m.	Khartûm 7h. m.
03 21 20	03 13 10	03 12 25	02 21 10	03 07 15	02 26 05	03 09 05		09 01 35		09 03 40	09 01 35
06 22 20	06 03 25	06 03 05	05 05 10	06 03 20	05 04 20	06 04 05		15 30 15		15 03 20	15 05 20
09 23 20	09 35 05	09 32 15	06 05 15	09 01 15	10 01 20	09 12 10		21 25 15			18 05 25
15 31 15		12 01 20	10 06 15	12 35 15	15 03 20	15 10 05					21 04 30
		15 34 20	15 12 25	15 36 25	20 01 20	21 24 05					24 03 35
		21 34 20	30 01 25	18 03 20		30 32 10					
		27 34 30	25 36 25	21 03 20		39 32 05					
		30 34 25	30 35 20	24 36 20		48 33 20					
		36 35 25	40 36 25	27 35 15		51 27 10					

Kassala 6h. 45m.	Port Sûdân 6h. 30m.	El Obeid 7h. m.	El Fâsher 7h. m.	Geneina 7h. m.	Malakal 7h. m.
09 06 10	09 02 25	09 05 40	09 05 20	09 06 30	21 22 10
15 01 20	15 06 15	15 04 45	15 10 30	15 19 15	27 10 05
21 36 15	21 09 15	21 02 15	18 12 20	21 19 20	33 07 20
27 03 15	27 09 30	27 17 05		33 23 10	
33 01 15	33 06 10	33 08 10		39 21 10	
	39 22 05				

Upper Air Temp — Almaza, at ... 15-16/5th

Height feet	P P P mb.		
Surface	1004	69	59
500	980	66	54
1000	962	66	54
1500	951	65	53
2000	934	67	51
4000	867	65	41
6000	804	59	37
8000	746	50	32
10000	690	44	29
12000	639	35	28
14000	590	29	25
15000	544	21	18

Cyprus Synoptic 6h. on 16th
34700 01970 12274 14221 42101 00120.
34850 01962 26203 14211 02201 20140.

Remarks

Hours are [illegible] standard time long 30 E and are [illegible] hours fast [illegible] Greenwich mean time.

Station	Mean of day: Humidity % on 15th	Diff. from normal	Wet Bulb Temp °C on 15th	Diff. from normal
Alexandria	47	-24	16.5	-1.8
Ezbekiya	38	-12	16.2	-2.1
Gîza	54	+4	16.4	-1.6
Helwân	29	-9	14.2	-2.1

GÎZA — Grass Minimum Temp on 16th 8.1 °C

CAIRO — Water Temp. River Nile at 8h on 16th 22.9° C

Discharges at Aswan measured by sluices m³ per sec. Date	1946	1945
16th	1157	984
15th	1157	984

Gauge	Date 1946	Reading m	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m.
Jûba				13.18	-0.36
Nasser	15				
Malakal				9.70	-0.48
J. Aulia Res.				370.92	—
J. Aulia D.S.				370.89	0.00
Roseires		11.59	-0.27	11.62	-0.21
Sennar Res.				13.07	—
Khartûm				9.84	-0.48
Kh. el Girba				10.41	+0.11
'Atbara				10.16	+0.15
Kajnarti		132.21	+0.30	132.21	+0.31
Aswân Res.	16	119.13	—	119.20	—
Aswân D.S.		85.46	-0.30	85.45	-0.30
Roda (Cairo)		16.27	+0.79	16.02	+0.54

PRESENT WEATHER 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
[illegible] 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	0
Almost calm	2-6	1
Very light	[illegible]	2
Light	[illegible]	3
Moderate	[illegible]-26	4
Fresh	[illegible]-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

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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO Time of Sunrise h. m. 05 00
Sunset h. m. 18 42

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Thursday 16th (الساعة ١٤ يوم ١٦) and At 20h. on 16th (الساعة ٢٠ يوم الخميس 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	02	1	1	0	—	12.8	30.0	32	0	00	8	12	1	0	0	—	13.2	22.8	53	0	131
MARIUT	01	7	01	2	1	4	2	13	29	29	0	01	7	02	2	1	3	1	14	21	65	0	150
ALEXANDRIA	02	8	04	2	2	5	5	14.2	25.6	57	0	01	6	04	2	2	4	1	15.0	23.0	59	0	132
DAMIETTA	01	8	04	3	1	3	3	13.9	27.6	34	0	01	7	04	2	1	5	3	13.5	22.0	66	0	159
PORT SA'ÎD	01	8	06	3	1	4	2	14.4	25.1	61	0	03	8	04	3	2	7	2	14.8	21.7	60	0	134
EL 'ARÎSH	00	9	32	3	0	2	1	13.6	24.9	46	0	00	9	04	3	0	1	1	13.8	21.4	67	0	135
LOWER EGYPT																							
DAMANHÛR	01	6	16	2	1	3	1	13.2	32.8	17	0	00	7	12	2	1	0	—	13.8	23.0	52	0	136
MANSÛRA	01	8	02	1	1	4	6	13.8	33.0	21	0	01	6	04	1	1	3	6	14.3	22.4	54	0	137
TANTA	01	8	04	2	1	4	8	13.2	33.4	15	0	01	8	04	1	1	4	8	13.9	23.6	51	0	138
ZAGAZIG	01	6	32	2	1	5	8	12.8	32.0	19	0	00	6	32	2	0	0	—	16.0	22.4	48	0	139
SHEBÎN EL KÔM	01	8	04	2	1	4	2	11.9	34.2	19	0	00	7	02	2	0	0	—	12.8	25.1	39	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	8	04	3	1	4	5,1	11.9	33.4	04	0	01	7	06	4	1	3	1	12.7	28.4	14	0	141
CAIRO EZBEKÎYA	01	8	32	2	1	5	5	12.2	32.5	15	0	01	7	02	2	0	3	2	12.6	27.1	27	0	—
CAIRO GÎZA	01	8	06	1	1	4	8	12.2	32.6	12	0	00	7	06	1	1	2	5	12.8	27.4	29	0	—
HELWÂN	01	8	04	3	1	4	4	11.6	33.9	07	0	00	7	02	4	0	0	—	12.3	28.2	17	0	143
SUEZ	01	9	30	1	1	4	1	12.8	32.8	13	0	01	9	28	1	1	4	5	13.0	27.1	22	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	1	1	4	2	11.8	33.2	15	0	01	8	32	1	1	4	2	11.4	25.8	37	0	153
MINYA	00	9	32	2	1	0	—	11.1	35.4	08	0	01	9	00	0	1	4	2	11.4	27.8	23	0	154
ASYÛT	00	8	04	1	0	0	—	11.2	35.2	11	0	00	6	20	1	0	0	—	10.7	28.2	17	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	10.3	35.0	16	0	00	8	00	0	0	0	—	9.9	24.0	39	0	164
QENA	01	9	20	2	0	3	1	9.6	37.2	14	0	00	6	20	2	1	0	—	9.2	27.0	31	0	156
LUXOR	00	7	22	1	0	0	—	10.3	38.0	19	0	00	6	28	2	0	0	—	10.3	26.4	22	0	157
ASWÂN	00	9	30	1	0	0	—	8.3	37.0	05	0	00	9	00	0	0	0	—	7.9	33.0	06	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	12.8	36.8	52	0	00	—	00	0	0	0	—	13.4	31.5	57	0	148
BAHARÎYA																							149
KHÂRGA	00	9	32	1	0	0	—	11.9	35.4	15	0	00	9	00	0	0	0	—	11.5	27.6	20	0	151
DÂKHLA	00	9	28	2	0	0	—	11.9	30.0	29	0	00	7	28	2	0	0	—	13.1	24.0	46	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	12.3	27.3	56	0												145
HURGHÂDA	00	8	04	1	0	0	—	11.5	29.0	20	0	00	8	04	1	0	0	—	12.2	25.6	42	0	146
QUSEIR	00	8	32	2	0	0	—	11.9	29.4	43	0	00	8	32	2	0	0	—	11.5	25.8	49	0	147
PORT SÛDÂN	00	9	04	3	0	0	—	9	30	62	0												208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	32	1	0	1	1	8	37	06	0												165
KAREIMA	00	9	02	1	0	0	—	7	38	06	0												166
'ATBARA	00	8	24	2	0	0	—	5	39	10	0												167
KHARTÛM	00	8	28	1	0	0	—	5	40	08	0												169
KASSALA	00	8	04	1	0	0	—	3	40	11	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	24	2	0	0	—	3?	41	09	0												171
RENK	00	9	28	3	0	0	—	2?	40	12	0												182
ROSEIRES	00	8	28	1	0	0	—	—	39	10	0												172
EL OBEID	00	9	26	3	0	2	1	4	38	29	0												174
EL FÂSHER	00	9	16	2	0	2	1	—	38	18	0												175
GENEINA	01	9	16	3	0	2	8	—	37	10	0												179
KADUGLI	01	8	28	2	1	4	4	5	39	18	0												187
S. SÛDÂN																							
MALAKÂL	10	8	02	1	1	4	8	4	38	29	dr												176
WÂU	01	8	16	2	1	4	8	5	35	37	0												177
JUBA	02	8	12	1	1	5	8,4	7	33	53	0												178

At 8h. on Friday 17th (الساعة ٨ يوم الجمعة 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	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												—		—				98
MATRÛH	01	9	06	1	0	4	2	14.3	+0.4	23.5	32	+7	19	+3	71	0	98	160
MARIUT	01	8	12	3	0	3	1	14	—	24	31	—	15	—	47	0	187	138
ALEXANDRIA	01	8	12	3	2	4	4	14.0	+0.1	23.0	30	+4	18	0	44	0	173	185
DAMIETTA	00	8	12	3	1	0	—	14.0	+0.7	23.9	28	—	19	—	70	0	81	105
PORT SA'ÎD	00	8	04	2	0	0	—	15.0	+2.4	23.3	26	0	20	+3	67	0	71	79
EL 'ARÎSH	00	9	00	0	0	0	—	14.4	+1.0	24.2	28	+1	14	-1	60	0	—	93
LOWER EGYPT																		
DAMANHÛR	01	6	04	3	1	4	1	13.1	-0.6	23.2	34	+4	16	0	48	0	92	100
MANSÛRA	01	8	08	2	1	3	0	14.6	+1.1	24.5	34	+2	17	+1	57	0	64	54
TANTA	01	8	08	1	1	4	8	14.4	+0.6	24.6	34	+2	15	0	36	0	84	42
ZAGAZIG	00	6	04	3	0	0	—	14.3	+0.6	25.2	32	0	16	+1	29	0	14	27
SHEBÎN EL KÔM	00	8	04	3	0	1	3	13.4	-0.3	24.6	35	—	16	—	31	0	35	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	06	4	0	3	1	12.4	-0.8	26.7	34	—	19	—	11	0	9	—
CAIRO EZBEKÎYA	05	6	02	3	1	4	1	13.1	-0.1	25.3	34	+1	18	+1	30	0	21	25
CAIRO GÎZA	01	7	00	0	1	3	8	13.1	-0.1	24.5	34	+2	14	-1	39	0	40	25
HELWÂN	01	7	06	5	1	4	1	12.0	-1.0	28.9	35	+3	20	+2	09	0	18	28
SUEZ	01	9	00	0	1	4	5	14.6	+2.0	21.2	35	+3	19	0	59	0	—	17
UPPER EGYPT																		
FAIYÛM	02	8	03	2	2	5	3	12.2	-0.7	26.0	35	+1	17	0	33	0	8	8
MINYA	01	8	28	2	1	5	4	12.7	+0.5	22.4	36	+2	15	-2	40	0	05	—
ASYÛT	00	7	28	1	0	0	—	13.6	+1.5	28.0	38	+3	15	-4	22	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	11.2	+0.3	25.7	38	—	14	—	31	0	1	—
QENA	01	7	28	2	0	3	1	12.0	+1.4	27.0	40	+2	18	-2	20	0	13	—
LUXOR												—		—			0	—
ASWÂN	00	9	30	1	0	0	—	10.4	-0.2	28.8	39	0	21	-3	12	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.4	-0.9	26.2	39	+5	20	+4	67	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	03	1	0	0	—	11.4	+0.3	23.2	36	-2	18	-3	37	0	1	—
DÂKHLA	00	8	28	1	0	0	—	11.5	-0.6	24.0	33	-5	17	-2	48	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	12.6	+2.0	25.1	—	—	—	—	61	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	12.3	+1.4	26.0	30	-2	16	-4	33	0	1	3
QUSEIR	00	8	32	1	0	0	—	11.5	+0.9	27.0	31	0	22	-2	26	0	11	4
PORT SÛDÂN	00	9	30	2	0	0	—	10		29					49	0	18	96
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	9		26					16	0	tr	—
KAREIMA	00	8	00	0	0	0	—	9		28					14	0	7	1
'ATBARA	00	8	30	1	0	0	—	8		29					20	0	8	5
KHARTÛM	00	8	30	3	0	0	—	8		30					13	0	3	6
KASSALA	00	8	32	1	0	0	—	7		31					28	0	31	18
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	02	3	0	0	—	7?		31					11	0	13	19
RENK	00	9	18	3	0	0	—	6?		30		—		—	46	—	—	71
ROSEIRES	00	8	20	1	0	0	—	9		31					41	0	123	82
EL OBEID	00	9	32	3	0	0	—	8		30					38	0	44	26
EL FÂSHER	01	9	30	2	0	3	1	—	—	25					19	0	2	11
GENEINA	00	9	00	0	0	0	—	—	—	27		—		—	13	—	—	18
KADUGLI	01	8	28	3	1	5	1	9		31		—		—	46	—	—	135
S. SÛDÂN																		
MALAKÂL	01	8	16	2	1	4	1	9		29					52	dr	213	156
WÂU	01	8	20	1	1	4	2	8		27					62	0	113	301
JUBA	02	8	12	2	6	7	2,4,5	10		24					89	19	442	390

Upper Winds on 16th

Upper Winds are in the Code HHDDVV where HH is Height above 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. 45m.	ALMÂZA h. m.	MINYA 12h. 45m.	LUXOR 12h. 30m.	HURGHÂDA 13h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 11h. 30m.	KHARṬÛM 13h. m.	KASSALA 13h. m.	EL OBEID 12h. 30m.	MALAKAL 13h. m.	JUBA 13h. m.
00 18 10	03 06 05	03 09 15		03 01 20	03 30 05	03 09 05	09 12 05	09 04 15	09 33 15	09 12 05	09 35 05	09 02 10	09 18 05
06 07 10	06 07 05	06 06 05		06 02 20	09 35 05	06 06 05	15 08 15	15 05 05	15 30 15	15 10 05	15 01 15	15 02 10	15 19 15
09 04 10	09 04 15	09 11 20		09 04 20	15 35 10	09 30 05	21 31 05	21 22 10	21 26 15	21 05 05	21 03 15	21 03 15	21 17 15
12 23 25	12 02 20	15 04 15		15 04 10	21 28 10	12 18 10	27 20 10	27 26 05	24 26 25	27 06 10	27 09 10		27 14 15
15 25 05	15 02 20	21 02 25		18 06 20	30 14 05	15 30 05	33 25 15	33 26 05	30 26 40	33 35 05	33 15 05		33 13 15
	18 02 20	27 02 30		21 06 10	39 10 15	18 32 05	39 27 15	39 22 05	39 21 35		39 22 05		
	21 01 20	30 01 30		27 07 20		21 36 05							
	27 01 20	39 35 20		30 04 20		24 33 15							
	30 01 25	45 34 20		36 09 05									

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 h. m.	MARIUT 6h. 45m.	PORT SA'ÎD 6h. 15m.	HELWÂN h. m.	MINYA 7h. 30m.	ASYÛT h. m.	LUXOR 7h. 30m.	(crossed out) 7h. 15m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h.	KAREIMA 7h.	KHARṬÛM
	03 09 30	06 01 25		03 05 10		03 07 10	03 24 05	09 06 30	09 09 40	09 04 35	
	06 10 20	09 02 15		06 02 15		06 07 15	06 01 05	15 06 05	15 07 20	15 13 20	
	09 09 30	12 04 10		09 02 25		09 07 35	09 05 25	21 21 15	21 05 05	21 09 05	
	12 06 35	18 29 25		12 05 20		15 06 15	12 05 20	27 22 10	27 15 15	24 13 05	
	15 05 30	21 27 25		15 27 05		21 02 10	15 08 15	33 28 05	33 25 15	30 20 15	
	18 08 25	24 24 25		18 30 05		30 28 10		39 32 15	39 25 10	39 21 10	
		27 25 25		24 08 10		39 26 15					
		30 25 25		27 05 15		48 32 10					
		39 26 35		30 04 20		60 02 40					

KASSALA 6h. 30m.	PORT SÛDÂN 7h. m.	EL OBEID 7h.	EL FÂSHER 7h.	GENEINA 7h.	MALAKAL
09 05 05	09 04 20	09 02 20	09 03 20	09 05 20	
15 08 05	15 11 20	15 03 20	15 11 15	15 26 10	
21 08 10	21 15 30	21 05 30	21 16 20	21 20 15	
27 01 05	27 18 05	24 07 15	27 17 20	27 16 05	
33 05 20	30 23 05		33 18 20	33 08 10	
			39 23 15	39 04 05	

Upper Air Temp — Almaza at 23h on 16–17/5th

Height Feet	Pressure mbs.	Temp. °F	Dew point °F
Surface	1004	70	62
500	986	70	57
1000	968	74	52
1500	951	75	51
2000	934	75	50
4000	867	69	46
6000	804	61	42
8000	746	53	39
10000	690	46	30
12000	639	37	28
14000	590	27	24
16000	544	23	21

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	Mean of day Wet bulb temp. °C on 16th	Diff. from normal
Alexandria	47	-24	18.9	+0.5
Ezbekiya	35	-15	17.0	-1.4
Giza	37	-13	16.7	-1.4
Helwân	19	-19	15.4	-0.9

GÎZA — Grass minimum temp on 17th 11.3 °C

CAIRO — Water temp. River Nile at 8h. on 17th 22.9 °C

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
17-5	1157	984
16-5	1157	984

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17/5	12.72	-0.82	12.08	-1.46
Nasser		5.94	-0.32	5.85	-0.36
Malakâl		9.73	-0.87	9.72	-0.47
J. Aulia Res.				376.89	—
J. Aulia D.S.				370.86	-0.03
Roseires		11.61	-0.27	11.59	-0.27
Sennar Res.		12.04	—	12.57	—
Kharṭûm		9.96	-0.20	9.83	-0.35
Kh. el Girba				10.40	+0.11
'Atbara		10.02	0.00	10.08	+0.06
Kajnarti		132.20	+0.28	132.21	+0.30
Aswân Res.		119.06	—	119.13	—
Aswân D.S.		85.46	-0.31	85.46	-0.30
Roda (Cairo)		16.27	+0.79	16.27	+0.79

Cyprus synoptic 8h on 17th

34700 03990 10318 15231 47000 00120

34800 01990 10215 15221 44802 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	
Mainly overcast	
Sandstorm, Duststorm	3
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 "	6
20 "	
50 "	
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	
Tenth	
Tenths	
Tenths	

WIND FORCE

Calm		
Light air		
Very light		
Light		
Moderate		
Fresh		
Strong		
Very strong	40-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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

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

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ANNUAL SUBSCRIPTION PT 150

CAIRO
Time of Sunrise h. m. 05 00
Sunset h. m. 18 43

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

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on FRIDAY 17th (الساعة ١٤ يوم ١٧) and At 20h. on 17th (الساعة ٢٠ يوم الجمعة ١٧)

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																							
SALUM																							130
MATRÛH	01	9	04	1	1	4	8	14.4	28.8?	69?	0	01	8	08	1	1	4	8	14.4	21.0	80	0	131
MARIUT	01	7	02	3	1	4	1	14	27	55	0	00	7	03	2	0	1	4	15	21	69	0	150
ALEXANDRIA	02	8	04	4	2	5	1	14.3	24.6	74	0	01	6	04	3	2	3	4	14.4	21.6	66	0	132
DAMIETTA	01	8	04	3	1	4	3	13.8	26.9	39	0	01	8	32	3	1	4	3	13.5	22.2	64	0	159
PORT SAʻÎD	01	8	02	2	1	4	2	14.4	26.2	62	0	01	8	32	4	1	4	2	13.9	22.2	67	0	134
EL ʻARÎSH	01	9	32	2	1	4	3	13.2	23.8	78	0												135
LOWER EGYPT																							
DAMANHÛR	01	7	08	3	1	3	1	12.2	32.6	23	0	00	7	32	3	1	0	—	13.5	23.0	52	0	136
MANSÛRA	01	8	04	2	1	3	0	13.9	33.4	17	0	01	6	02	2	1	3	0	13.9	23.0	53	0	137
TANTA	01	8	08	2	1	4	8	13.4	34.3	13	0	02	8	12	2	1	7	6	14.3	24.0	45	0	138
ZAGAZIG	01	6	32	3	1	4	8	12.8	33.0	20	0	01	6	32	2	1	4	8	14.0	22.0	52	0	139
SHEBÎN EL KÔM	00	8	02	3	●	1	3	10.8	34.4	13	0	01	7	02	2	1	4	6	12.3	25.7	39	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	8	06	5	1	4	1	11.0	35.5	07	0	02	7	04	2	1	5	2	12.6	27.9	18	0	141
CAIRO EZBEKÎYA	01	8	02	5	1	5	5	11.6	36.0	13	0	01	7	02	4	1	4	5	12.6	27.0	27	0	—
CAIRO GÎZA	01	8	02	3	1	3	5	11.5	35.4	10	0	01	7	02	2	1	4	5	12.6	26.9	23	0	—
HELWÂN	01	8	06	5	1	4	1	10.7	35.9	08	0	01	7	04	6	1	4	1	11.2	28.1	11	0	143
SUEZ	01	9	04	1	1	4	5	11.9	35.4	16	0	00	9	28	2	0	0	—	13.4	26.7	25	0	144
UPPER EGYPT																							
FAIYÛM	02	8	02	2	2	5	3	10.0	37.0	15	0	02	8	02	4	2	5	3	10.4	30.6	21	0	153
MINYA	01	8	30	1	1	4	5	8.8	37.0	09	0												154
ASYÛT	00	8	04	1	0	0	—	10.2	37.1	11	0	00	6	22	1	0	0	—	9.6	30.6	14	0	155
NAGʻ HAMÂDI	00	8	00	0	0	0	—	9.0	37.0	16	0	00	8	00	0	0	0	—	8.6	24.5	27	0	164
QENA	01	8	28	2	1	4	1	8.2	39.6	31	0	01	6	24	2	1	4	1	9.2	26.7	58	0	156
LUXOR	00	7	30	2	0	0	—	8.8	40.0	16	0	00	6	24	1	0	0	—	8.6	27.8	22	0	157
ASWÂN												00	9	00	0	0	0	—	7.5	35.0	05	0	158
WESTERN DESERT																							
SÎWA	00	8	12	3	0	0	—	13.2	36.2	20	0	00	—	00	0	0	0	—	11.9	30.0	38	0	148
BAHARÎYA	00	9	32	1	0	0	—	10.8	36.5	16	0	00	—	00	0	0	0	—	13.1?	—	—	0	149
KHÂRGA	00	9	02	1	0	0	—	9.1	38.2	13	0	00	—	00	0	0	0	—	9.8	32.9	23	0	151
DÂKHLA	00	9	28	2	0	0	—	8.3	33.0	23	0	00	7	28	2	0	0	—	11.4	26.0	44	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	11.4	30.5	34	0	00	7	28	3	0	0	—	10.3	28.3	33	0	145
HURGHÂDA	01	8	30	1	1	5	5	11.1	31.7	27	0	00	8	28	1	0	0	—	10.4	24.8	20	0	146
QUSEIR	00	8	32	2	0	0	—	10.3	31.0	37	0	00	8	32	2	0	0	—	9.6	28.2	35	0	147
PORT SÛDÂN	00	8	04	3	0	0	—	8	31	55	—												268
NORTH SÛDÂN																							
WÂDI HALFA	00	8	26	1	0	0	—	6	40	06	—												165
KAREIMA	00	8	00	0	0	0	—	5	41	07	—												166
ʻATBARA	00	8	00	0	0	0	—	4	41	07	—												167
KHARTÛM	00	8	26	2	0	0	—	4	38	12	—												268
KASSALA	00	8	30	2	0	0	—	1	43	09	—												170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	02	1	0	0	—	2	41	07	—												171
RENK	00	9	28	3	0	0	—	—	41	16	—												182
ROSEIRES	00	9	04	1	0	0	—	—	40	11	—												172
EL OBEID	00	9	28	3	0	0	—	3	39	10	—												174
EL FÂSHER	00	9	12	3	0	0	—	—	37	07	—												175
GENEINA	00	9	28	2	1	3	8	—	38	11	—												179
KADUGLI	02	8	24	3	1	5	4	4	40	17	—												187
S. SÛDÂN																							
MALAKÂL	01	8	24	1	1	4	8	5	37	31	—												176
WÂU	01	8	12	2	1	4	6	5	36	33	—												177
JUBA	02	8	12	1	1	6	6	8	36	42	—												178

At 8h. on SATURDAY 18th (الساعة ٨ يوم السبت 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 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												—		—				98
MATRÛH	00	9	10	2	1	0	—	14.4	+0.5	23.2	32	+7	18	+2	55	0	98	160
MARIUT	00	8	07	2	0	1	4	14	—	25	32	—	16	—	51	0	187	138
ALEXANDRIA	00	9	00	0	0	0	—	14.0	+0.1	23.4	32	+6	19	+1	51	0	173	185
DAMIETTA												—		—			81	105
PORT SAʻÎD	01	8	04	3	1	4	3	13.2	+0.6	23.0	27	+1	20	+2	71	0	71	79
EL ʻARÎSH																	—	93
LOWER EGYPT																		
DAMANHÛR	01	7	16	3	1	3	3	13.6	-0.1	24.8	34	+4	16	0	48	0	92	100
MANSÛRA	01	8	02	2	1	3	0	13.4	0.0	24.2	34	+2	19	+3	59	0	64	54
TANTA	00	8	04	2	0	0	—	13.8	0.0	24.4	35	+3	16	+1	50	0	84	42
ZAGAZIG	00	6	08	2	0	0	—	13.0	-0.7	24.8	34	+2	18	+3	50	0	14	27
SHEBÎN EL KÔM												—		—			35	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	06	4	0	1	4	12.1	-1.0	23.5	36	—	19	—	52	0	9	—
CAIRO EZBEKÎYA	00	6	02	3	0	2	2	12.7	-0.4	24.9	37	+4	19	+2	51	0	21	25
CAIRO GÎZA	00	7	02	2	1	2	5	12.7	-0.4	23.7	36	+4	18	+3	58	0	40	25
HELWÂN	00	8	04	5	0	1	1	11.6	-1.4	27.2	37	+5	22	+4	22	0	18	28
SUEZ	00	9	30	2	0	3	1	12.7	+0.2	24.4	37	+4	21	+2	49	0	—	17
UPPER EGYPT																		
FAIYÛM	01	8	32	3	1	3	3	11.1?	-1.8	26.8	38	+4	19	+2	32	0	8	8
MINYA	00	9	30	2	1	0	—	9.6	-2.6	26.8	38	+4	16	-1	31	0	tr.	—
ASYÛT	00	7	22	1	0	0	—	10.3	-1.8	26.9	39	+4	20	+1	24	0	0	4
NAGʻ HAMÂDI	00	8	00	0	0	0	—	11.0	+0.1	27.7	38	—	15	—	32	0	1	—
QENA	00	8	20	2	0	0	—	9.2	-1.4	26.0	41	+3	18	-3	60	0	13	—
LUXOR												—		—			0	—
ASWÂN	00	9	00	0	0	0	—	8.8	-1.8	28.5	40	+1	21	-3	20	0	tr.	—
WESTERN DESERT																		
SÎWA	00	7	08	3	0	0	—	13.0	-1.3	26.6	38	+4	20	+4	55	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	—	—	23.5	38	+3	16	-1	59	0	0	7
KHÂRGA	00	9	00	0	0	0	—	10.0	-1.1	26.3	40	+2	18	-3	24	0	1	—
DÂKHLA	00	8	16	1	0	0	—	10.6	-1.5	26.0	36	-2	18	-2	44	0	0	—
RED SEA																		
TÔR	00	7	28	4	0	0	—	10.6	+0.1	24.1	31	0	19	-1	72	0	0	13
HURGHÂDA	00	8	30	4	0	0	—	10.7	-0.1	27.2	34	+2	18	-2	54	0	1	3
QUSEIR	00	8	30	1	0	0	—	8.6	-1.9	28.7	33	+2	22	-2	28	0	11	4
PORT SÛDÂN	00	8	02	2	0	0	—	9		31					29		18	97
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	9		28					15		tr.	—
KAREIMA	00	8	00	0	0	0	—	8		27					11		7	1
ʻATBARA	00	8	08	2	0	0	—	7		32					14		8	5
KHARTÛM	00	8	28	1	0	0	—	7		29					20		3	6
KASSALA	00	8	06	1	0	0	—	7		33					23		31	19
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	06	2	0	0	—	7		30					11		13	20
RENK	00	9	16	3	0	0	—	7		32		—		—	41	—	—	72
ROSEIRES	00	8	32	1	0	0	—	8		32					41		123	84
EL OBEID	00	9	20	2	0	3	1	8		31					—		44	27
EL FÂSHER	01	9	16	3	1	4	2	—	—	28					10		2	12
GENEINA	01	9	32	3	1	4	4,1	—	—	27		—		—	27	—	—	19
KADUGLI	01	8	28	2	1	4	2	9		31		—		—	43	—	—	138
S. SÛDÂN																		
MALAKÂL	01	8	20	1	1	5	4	9		29					55		213	159
WÂU	01	8	16	2	1	4	4	9		27					62		113	305
JUBA	02	8	12	2	1	6	5,1	10		26					79		442	395

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 SAʻÎD	ALMAZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h. 45 m.	13 h. 15 m.	h. m.	13 h. m.	12 h. 30 m.	13 h. m.	13 h. 15 m.	12 h. 45 m.	h. m.	12 h. 30 m.	13 h. m.	13 h. m.	13 h. m.
	03 12 20	03 07 30		03 34 05	03 32 02	03 34 15	09 13 05	09 04 05		09 33 15	09 36 05	09 16 05	09 19 15
	06 10 15	06 05 30		06 14 05	09 33 05	06 03 20	15 17 15	15 08 10		15 36 05	15 20 05	15 16 10	15 18 10
	09 10 30	09 06 30		09 32 05	15 32 10	09 05 15	21 17 15	21 08 20		21 04 10		21 19 10	21 17 20
	12 07 30	15 07 30		15 06 05	21 28 02	12 06 05	27 21 15	27 05 15		27 07 05		27 15 10	27 10 40
	15 07 25	21 06 30		21 16 05	30 27 05	15 08 05	33 32 10	33 02 15		33 05 05		33 06 05	
	18 06 30	24 05 40		30 10 05	39 28 05	18 04 05	39 30 15	39 03 10		39 31 05		39 17 05	
	21 05 30			45 07 05	48 28 15	21 08 15							
				51 07 05	60 30 35	24 06 15							

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 SAʻÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	h. m.	8 h. 45 m.	6 h. 30 m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.
	03 07 35		02 06 20	03 01 35	02 01 15		02 03 05	09 07 35	09 09 20	09 04 20	09 35 35
	06 06 35		05 06 50	06 06 40	05 06 10		05 09 05	15 04 10	15 06 20	15 08 10	15 36 35
	09 05 30		08 06 50	09 04 20	10 08 15		10 06 15	21 23 10	21 04 05	21 21 15	21 33 15
	15 06 15		10 06 30	15 02 15	15 05 15		15 07 10	27 22 10	27 18 15	24 20 20	30 22 30
	21 02 15		15 05 40	21 03 20	20 05 20		20 26 05	33 25 10	33 23 15	30 21 20	39 17 30
	24 36 30		20 06 60	24 01 15	25 05 20		25 25 20	39 27 15	39 22 20	39 25 10	
	30 01 25		23 04 45	30 22 15				51 27 35	51 29 20	51 24 15	
	36 03 15		25 04 45	33 04 05				63 27 30	57 28 20	60 29 20	
	39 04 15			36 04 10					63 30 25		

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.
09 03 10		09 23 05		09 06 05	09 21 35
15 01 20		15 12 05		15 24 15	15 18 25
21 01 25		21 05 05		21 20 15	21 18 30
27 02 25		24 05 05		27 30 05	27 17 30
33 04 20				33 02 05	30 15 15
39 06 20				39 05 15	
51 16 15				51 00 00	

UPPER AIR TEMP ALMÂZA AT 00h G.M.T. ON 18th

Height Feet	PPP mb.	TT °F	dd °F
Surface	1003	70	63
500	985	68	56
1000	967	70	54
1500	950	70	56
2000	933	70	56
4000	866	68	48
6000	803	58	42
8000	745	51	49
10000	689	43	31
12000	638	36	31
14000	589	28	23
16000	543	22	20

CYPRUS SYNOPTIC ON 18th

34700 01990 18215 13241 72000 00140
34800 01990 30204 13260 56603 00160

Remarks

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

Mean of day

Station	Humidity % on 17th	Diff. from normal	Wet bulb temp °C on 17th	Diff. from normal
Alexandria	54	-17	18.4	-0.2
Ezbekiya	26	-24	16.9	-1.6
Giza	28	-22	15.9	-2.3
Helwan	7	-31	15.0	-1.4

GÎZA — Grass minimum temp on 18th 14.0° C.

CAIRO — Water temp River Nile at 9h on 18th 23.3° C.

Discharges at Aswan measured by sluices m³ per sec. Date	1946	1945
18th	1157	984
17th	1157	984

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18th			12.72	-0.82
Nasser				5.94	-0.32
Malakâl		9.74	-0.46	9.73	-0.47
J. Aulia Res.					
J. Aulia D.S					
Roseires		11.60	-0.31	11.61	-0.27
Sennar Res.				12.04	—
Khartûm				9.96	-0.20
Kh. el Girba					
ʻAtbara		9.99	-0.03	10.02	0.00
Kajnarti				132.20	+0.28
Aswân Res.		118.97	—	119.06	—
Aswân D.S		85.46	-0.32	85.46	-0.31
Roda (Cairo)		16.27	+0.79	16.27	+0.79

PRESENT WEATHER (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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ANNUAL SUBSCRIPTION P.T. 150

CAIRO

Time of Sunrise h. m. 05 00

Sunset h. m. 18 43

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Saturday 18th (الساعة ١٤ يوم ١٨) — At 20h. on 18th (الساعة ٢٠ يوم السبت 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																							
SALŪM																							130
MATRŪH	00	9	04	2	0	0	—	14.4	23.8	69	0	00	8	00	0	0	0	—	14.8	20.8	81	0	131
MARIUT	00	7	01	3	0	0	—	13	26	51	0	00	7	02	2	0	0	—	13	22	65	0	150
ALEXANDRIA	00	9	04	3	0	0	—	13.9	24.8	65	0	01	6	04	3	1	3	1	13.6	22.2	71	0	132
DAMIETTA	00	8	32	3	1	0	—	13.0	26.0	57	0	00	7	30	2	1	0	—	12.6	22.2	74	0	159
PORT SA'ĪD	00	8	02	4	0	0	—	13.0	26.7	64	0	00	8	02	3	0	0	—	12.6	22.0	80	0	134
EL 'ARĪSH	00	9	28	1	0	2	1	11.9	24.2	73	0	00	9	00	0	0	0	—	12.4	21.8	83	0	135
LOWER EGYPT																							
DAMANHŪR	00	6	12	3	0	0	—	12.2	32.4	28	0	01	6	12	3	1	3	1	13.9	23.3	58	0	136
MANSŪRA	01	8	02	2	1	3	6	12.6	33.8	25	0	00	6	02	2	1	0	—	13.0	22.8	70	0	137
TANTA	00	8	32	1	0	0	—	12.8	35.6	25	0	00	8	32	1	0	0	—	13.1	23.8	53	0	138
ZAGAZIG	00	6	08	3	0	0	—	11.4	34.2	22	0	01	6	32	2	1	4	8	13.1	22.4	72	0	139
SHEBĪN EL KŌM	00	7	04	4	0	0	—	11.2	35.4	21	0	00	7	04	2	0	2	6	12.3	25.6	50	0	—
MIDDLE EGYPT																							
CAIRO ALMĀZA	00	8	06	4	0	2	1	10.0	35.0	09	0	01	7	06	4	1	3	1	11.3	29.1	19	0	141
CAIRO EZBEKĪYA	00	8	02	4	0	1	1	10.7	35.3	19	0	01	7	02	4	1	4	3	11.6	28.2	34	0	—
CAIRO GĪZA	00	8	02	2	1	1	5	10.6	35.3	18	0	00	7	02	2	1	0	—	11.4	28.5	32	0	—
HELWĀN	00	8	04	5	0	0	—	10.2	35.6	10	0	00	7	04	7	0	1	4	10.4	28.0	27	0	143
SUEZ	00	9	32	2	0	0	—	10.6	34.8	15	0	00	9	28	2	0	0	—	12.2	27.3	33	0	144
UPPER EGYPT																							
FAIYŪM	00	8	32	4	0	0	—	9.0	36.1	17	0	00	8	02	3	0	0	—	10.3	29.2	32	0	153
MINYA	00	9	32	2	0	0	—	8.8	38.8	10	0	01	8	32	3	1	5	5	9.1	30.8	17	0	154
ASYŪT	00	8	02	1	0	0	—	8.2	39.1	12	0	00	6	28	1	0	0	—	8.3	31.2	17	0	155
NAG' HAMĀDI	00	8	00	0	0	0	—	7.9	38.0	16	0	00	8	00	0	0	0	—	7.1	26.0	32	0	164
QENA	00	9	24	1	0	0	—	7.0	40.6	15	0	00	6	24	2	0	0	—	7.3	30.0	25	0	156
LUXOR	00	7	26	1	0	0	—	7.6	41.2	17	0	00	6	28	1	0	0	—	7.2	28.7	25	0	157
ASWĀN	00	9	24	1	0	0	—	6.7	40.0	05	0	00	9	00	0	0	0	—	6.8	36.0	06	0	158
WESTERN DESERT																							
SĪWA	00	8	08	3	0	0	—	12.4	37.2	47	0	00	—	00	0	0	0	—	11.8	31.0	59	0	148
BAHARĪYA	00	9	00	0	0	0	—	11.8	34.5	29	0												149
KHĀRGA	00	9	00	0	0	0	—	9.1	39.9	23	0	00	9	30	2	0	0	—	7.9	33.4	18	0	151
DAKHLA	00	9	28	2	0	0	—	9.1	39.0	16	0	00	7	28	2	0	0	—	10.8	27.0	40	0	152
RED SEA																							
TŌR	00	7	28	5	0	0	—	9.6	30.2	72	0	00	7	28	3	0	0	—	11.0	26.1	58	0	145
HURGHĀDA	00	8	02	4	0	0	—	8.9	30.3	44	0	00	8	32	2	0	0	—	9.4	28.8	20	0	146
QUSEIR	00	8	02	1	0	0	—	7.9	31.0	53	0	00	8	12	1	0	0	—	7.1	25.8	66	0	147
PORT SŪDĀN	00	8	02	2	0	0	—	7	31	55	0												[illegible]
NORTH SŪDĀN																							
WĀDI HALFA	00	8	28	1	0	1	1	6	41	07	0												165
KAREIMA	00	8	00	0	0	0	—	5	42	06	0												166
'ATBARA	00	8	20	3	0	0	—	3	43	05	0												167
KHARTŪM	00	8	28	3	0	0	—	3	41	07	0												[illegible]
KASSALA	00	8	30	2	0	1	8	1	43	12	0												170
CENTRAL SŪDĀN																							
WAD MEDANI	00	8	24	4	0	0	—	2	42	06	0												171
RENK	01	9	20	3	1	4	8	—	41	13	0												182
ROSEIRES	00	8	24	1	0	0	—	4	41	23	0												172
EL OBEID	01	9	32	3	1	4	2,4,6	4	39	04	0												174
EL FĀSHER	02	9	12	2	1	5	2	—	37	17	0												175
GENEINA	01	8	20	3	1	5	9	—	38	15	0												179
KADUGLI	02	8	20	2	1	5	4	4	39	20	0												187
S. SŪDĀN																							
MALAKĀL	01	8	18	2	1	4	8	5	38	29	0												176
WĀU																							177
JUBA	01	8	10	1	1	5	8,4	7	33	53	0												178

At 8h. on Sunday 19th (الساعة ٨ يوم الأحد 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																		
SALŪM												—		—				98
MATRŪH	00	9	00	0	0	3	8	13.4	-0.5	22.6	25	0	17	+1	76	0	98	160
MARIUT	00	8	06	2	0	0	—	13		26	30	—	19	—	48	0	187	138
ALEXANDRIA	00	9	00	0	0	0	—	13.4	-0.5	24.8	29	+3	20	+2	62	0	173	185
DAMIETTA	00	7	04	1	1	0	—	12.4	-0.8	25.3	28	—	20	—	51	0	81	105
PORT SA'ĪD	01	8	02	2	1	3	1	12.4	-0.2	25.0	27	+1	20	+2	42	2	71	79
EL 'ARĪSH	01	9	00	0	0	3	1	12.0	-1.3	25.9	25	-2	17	+2	63	0	—	93
LOWER EGYPT																		
DAMANHŪR	00	6	12	3	0	0	—	12.7	-1.0	25.0	34	+4	17	+1	61	0	92	100
MANSŪRA	00	8	02	1	0	0	—	12.8	-0.6	24.8	35	+3	17	+1	61	0	64	54
TANTA	00	8	00	0	0	0	—	12.7	-1.0	23.0	36	+3	15	0	58	0	84	42
ZAGAZIG	00	6	04	2	0	0	—	12.3	-1.3	25.4	35	+3	17	+2	60	0	14	27
SHEBĪN EL KŌM	00	8	02	2	0	0	—	12.3	-1.4	24.1	36	—	16	—	64	0	35	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	06	2	0	1	4	12.2	-0.9	23.7	36	—	16	—	61	0	9	—
CAIRO EZBEKĪYA	05	6	32	3	0	2	3	12.4	-0.7	24.7	36	+3	18	+1	61	0	21	25
CAIRO GĪZA	00	7	02	1	0	0	—	12.3	-0.8	22.9	36	+3	17	+2	71	0	40	25
HELWĀN	00	7	0?	4	0	0	—	12.2	-0.8	27.1	36	+3	20	+2	29	0	18	28
SUEZ	01	9	30	2	1	4	1	12.0	-0.5	26.7	36	+3	21	+2	44	0	—	17
UPPER EGYPT																		
FAIYŪM	00	8	02	4	0	0	—	11.9	-1.0	25.6	37	+3	20	+3	52	0	8	9
MINYA	00	9	30	3	0	0	—	10.4	-1.8	26.0	39	+5	20	+2	42	0	dr	—
ASYŪT	00	7	26	2	0	0	—	9.8	-2.2	26.3	41	+6	20	+1	32	0	0	4
NAG' HAMĀDI	00	8	00	0	0	0	—	8.4	-2.4	27.0	39	—	21	—	37	0	1	—
QENA	00	8	24	2	0	0	—	7.9	-2.6	25.6	42	+3	20	-1	33	0	13	—
LUXOR	00	7	28	1	0	0	—	8.2	-2.2	30.4	43	+3	19	-1	29	0	0	—
ASWĀN	00	9	00	0	0	0	—	7.3	-2.7	30.4	42	+3	22	-2	17	0	dr	
WESTERN DESERT																		
SĪWA	00	7	08	4	0	0	—	12.8	-1.4	25.3	39	+5	21	+5	72	0	5	8
BAHARĪYA	00	9	00	0	0	0	—	13.0	-0.3	23.5	36	+1	17	0	49	0	0	7
KHĀRGA	00	9	00	0	0	0	—	10.2	-0.9	25.6	40	+2	20	-2	47	0	1	—
DĀKHLA	00	8	08	2	0	0	—	10.0	-2.0	29.0	40	+2	22	+2	34	0	0	—
RED SEA																		
TŌR	00	7	28	3	0	0	—	7.5	-3.0	26.1	33	+2	22	+1	67	0	0	13
HURGHĀDA	00	8	30	5	0	0	—	8.3	-2.5	28.0	32	-1	19	-2	33	0	1	3
QUSEIR	00	8	32	1	0	0	—	7.2	-3.3	29.2	33	+2	22	-2	33	0	11	4
PORT SŪDĀN	00	8	00	0	0	0	—	7		32					10	0	18	97
NORTH SŪDĀN																		
WĀDI HALFA	00	8	00	0	0	2	1	8		29					12	0	tr	—
KAREIMA	01	8	06	2	1	5	2	7		—					—	0	7	2
'ATBARA	01	8	32	1	2	4	1	6		31					11	0	8	5
KHARTŪM	00	8	28	2	0	2	1	5		32					15	0	3	6
KASSALA	00	8	08	1	1	1	1	4		34					20	0	31	19
CENTRAL SŪDĀN																		
WAD MEDANI	00	9	32	4	0	0	—	5		33					07	0	13	20
RENK	00	9	18	3	0	0	—	6		33		—		—	36	—		73
ROSEIRES	00	8	16	2	0	0	—	8?		33					36	0	123	87
EL OBEID	01	9	18	2	1	5	4,2	7		32					06	0	44	28
EL FĀSHER	02	9	31	3	1	5	4,2	—	—	29					31	0	2	12
GENEINA	02	9	22	2	1	5	2	—	—	26		—		—	45	—	—	19
KADUGLI	02	8	24	4	1	5	2	9		31		—		—	41	—	—	141
S. SŪDĀN																		
MALAKĀL	01	8	20	3	1	5	4,5	9		28					58	0	213	162
WĀU	02	7	16	3	2	8	7	11		23					94	10	123	309
JUBA	65	5	12	2	6	8	9	13		23					94	8	450	400

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.

MATRŪH h. m.	MARIUT 12h. 45m.	PORT SA'ĪD 12h. 15m.	ALMĀZA h. m.	MINYA 13h. m.	LUXOR 13h. 45m.	HURGHĀDA 13h. 45m.	WĀDI HALFA 13h. m.	KAREIMA 12h. 45m.	KHARTŪM 13h. m.	KASSALA 12h. 45m.	EL OBEID 12h. 30m.	MALAKAL 13h. m.	JUBA 13h. m.
	03 04 35	03 06 30		03 35 15	03 27 05	03 05 20	09 34 05	09 31 05	09 30 05	09 31 30	09 26 05	09 21 10	09 17 20
	06 07 30	06 05 30		06 33 15	06 25 05	06 02 15	15 26 05	15 29 15	15 30 05	15 31 25	15 21 05	15 20 30	15 14 10
	09 06 45	09 04 40		09 04 05	09 24 05	09 34 15	21 24 10	21 21 15	21 26 20	21 02 10	21 27 10	21 19 35	21 18 20
	12 05 35	12 04 40		15 32 15	15 29 15		27 25 20	24 21 15	24 20 15	27 35 15	27 25 20	27 19 20	33 13 15
	15 08 15	15 03 40		21 33 05	21 28 05		33 21 05	30 20 05	30 22 15	33 06 15	33 21 30	30 18 15	
		18 01 35		27 32 10	30 27 15		39 20 05				39 21 30		
		21 01 35		30 33 10	39 23 20								
		24 02 30		39 17 20	48 26 35								
		30 02 35		45 23 30	51 24 50								

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.

MATRŪH h. m.	MARIUT 7h. 15m.	PORT SA'ĪD 6h. 15m.	HELWĀN 9h. m.	MINYA 6h. 45m.	ASYŪT 7h. m.	LUXOR 7h. 30m.	ASWĀN 7h. m.	WĀDI HALFA 7h. 15m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTŪM 7h. m.
	03 04 40	03 03 35	02 05 64	03 36 55	02 33 25	03 01 15	02 31 10	09 01 35	09 04 20	09 03 35	09 35 35
	06 03 30	06 02 40	05 03 40	06 03 60	05 05 30	06 34 05	05 02 10	15 26 30	15 03 30	15 02 35	15 33 15
	09 01 20	09 01 40	08 05 35	09 04 65	10 01 25	09 32 05	10 36 15	21 26 50	21 34 15	21 01 20	21 29 15
	15 01 20	12 01 35	10 05 90	12 03 50	15 36 25	15 33 20	15 32 05	27 33 40	29 21 10	27 36 05	24 31 15
	21 35 25	15 01 40	15 04 50	15 02 50	20 36 20	21 30 15	20 29 05	33 31 50	33 24 20	33 33 05	30 23 15
	24 34 20	18 36 45	18 04 45	18 01 45		30 28 15	25 27 15		39 27 20	39 37 10	39 18 15
	30 34 40	21 36 30		21 01 40							
	33 33 35	24 36 40									
	36 33 40	27 36 40									

KASSALA 6h. 45m.	PORT SŪDĀN 7h. m.	EL OBEID h. m.	EL FĀSHER 7h. m.	GENEINA 7h. m.	MALAKAL 7h. m.
09 06 10	09 06 15		09 01 15	09 26 20	09 24 35
15 04 10	15 19 30		15 11 20	15 28 10	15 18 20
21 03 25	21 18 35		21 08 20	21 07 15	21 20 15
27 02 15	27 26 20		27 09 10	27 07 10	27 20 05
33 02 25	30 25 20		33 07 10	33 05 20	33 02 25
			39 02 20	39 05 20	39 03 20

Upper Air Temp — ALMĀZA at 23h G.M.T. on 18th

Height feet	PPP mb	TT	
Surface	1003	70	67
500	984	67	63
1000	966	68	57
1500	949	70	56
2000	932	68	56
4000	865	65	51
6000	803	58	44
8000	744	51	39
10000	689	41	32
12000	637	32	24
14000	589	22	21
16000	543	16	16

CYPRUS SYNOPTIC 8h. ON 19th

34800 01890 08103 10231 21801 00160

347XX 019XX 06304 1024X XXXXX 00XXX

Remarks

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

Mean of day

Station	Humidity % on 18th	Diff. from normal	Wet Bulb Temp °C on 18th	Diff. from normal
Alexandria	60	-11	18.4	-0.3
Ezbekiya	40	-10	18.9	+0.3
Giza	42	-8	18.8	+0.5
Helwān	21	-17	16.7	+0.2

GĪZA — GRASS MINIMUM TEMP ON 19th 15.5 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h ON 19th 23.3 °C

Discharges at Aswān measured by sluices m³ per sec.		
DATE	1946	1945
19.5	1157	984
18.5	1157	984

Gauges (Date 1946: 19th)

Gauge	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba			12.68	-0.86
Nasser			6.03	-0.27
Malakāl	9.76	-0.44	9.78	-0.46
J. Aulia Res.				
J. Aulia D.S.				
Roseires	11.55	-0.39	11.60	-0.31
Sennar Res.			11.61	—
Kharṭūm			9.98	-0.27
Kh. el Girba			10.38	+0.10
Atbara	10.00	-0.01	9.99	-0.03
Kajnarti	132.19	+0.25	132.21	+0.27
Aswān Res.	118.91	—	118.97	—
Aswān D.S.	85.46	-0.33	85.46	-0.32
Roda (Cairo)	16.31	+0.83	16.27	+0.79

PRESENT WEATHER (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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ANNUAL SUBSCRIPTION P.T. 150

CAIRO Time of Sunrise h. 04 m. 59 — Sunset h. 18 m. 44

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

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Sunday 19th (الساعة ١٤ يوم ١٩) and At 20h. on 19th (الساعة ٢٠ يوم الأحد ١٩)

Station	14h ww	V	Dir. DD	Force F	Past W	Cloud N	Form C	Bar PPP	Temp °C TTT	% Hum. UU	Rain 8-14h mms	20h ww	V	Dir. DD	Force F	Past W	Cloud N	Form C	Bar PPP	Temp °C TTT	% Hum. UU	Rain 14-20h mms	Station Number
Mediterranean																							
SALUM																							130
MATRÛH	00	9	04	1	0	0	—	13.8	24.0	74	0	00	8	06	1	0	0	—	13.1	21.0	87	0	131
MARIUT	00	7	30	4	0	0	—	12	25	42	0	00	7	01	2	0	0	—	12	21	83	0	150
ALEXANDRIA	00	9	02	4	0	0	—	12.8	24.6	68	0	00	6	04	2	0	0	—	12.8	21.6	77	0	132
DAMIETTA	00	8	32	3	0	0	—	11.5	28.9	41	0	00	7	30	2	0	0	—	11.8	22.0	87	0	159
PORT SAÎD	00	8	30	3	0	0	—	11.6	28.0	61	0	00	8	28	2	0	0	—	12.2	22.0	82	0	134
EL ARÎSH	01	9	30	1	0	3	3	12.3	24.4	66	0	00	9	00	0	0	3	1	12.2	21.1	88	0	135
Lower Egypt																							
DAMANHÛR	00	6	08	4	0	0	—	11.2	33.0	29	0	00	7	08	2	0	0	—	13.1	22.3	68	0	136
MANSÛRA	00	8	02	1	0	0	—	11.2	34.0	13	0	00	6	02	2	0	0	—	12.4	23.4	62	0	137
TANTA	00	8	32	2	0	0	—	10.7	35.1	25	0	00	8	28	1	0	0	—	12.3	25.1	49	0	138
ZAGAZIG	00	6	32	3	0	0	—	10.8	33.4	24	0	00	6	32	2	0	0	—	13.2	24.5	75	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	—	10.3	34.9	24	0	00	7	04	2	0	0	—	12.1	26.0	45	0	—
Middle Egypt																							
CAIRO ALMÂZA	00	8	05	4	0	0	—	9.8	34.6	15	0	00	7	06	4	0	0	—	11.0	29.3	22	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	—	10.2	34.5	24	0	00	7	02	2	0	0	—	11.0	28.4	32	0	—
CAIRO GÎZA	00	8	02	2	0	0	—	10.2	34.2	22	0	00	8	04	2	0	0	—	11.1	28.4	31	0	—
HELWÂN	00	8	02	5	0	0	—	9.9	35.1	11	0	00	7	04	6	0	0	—	10.8	28.9	19	0	143
SUEZ	00	9	32	3	0	0	—	10.4	32.8	19	0												144
Upper Egypt																							
FAIYÛM	00	8	32	4	0	0	—	9.2	35.5	19	0	00	8	02	2	0	0	—	9.9	30.0	29	0	153
MINYA	00	8	04	4	0	0	—	8.4	37.4	17	0	00	8	32	2	0	0	—	8.7	30.4	21	0	154
ASYÛT												00	6	28	1	0	0	—	8.2	31.1	17	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	6.2	37.8	19	0	00	8	00	0	0	0	—	6.1	28.0	42	0	164
QENA	00	9	22	1	0	0	—	5.1	40.0	30	0	00	6	24	2	0	0	—	6.6	31.1	59	0	156
LUXOR	00	7	18	2	0	0	—	5.9	41.0	17	0	00	6	28	3	0	0	—	6.2	34.0	22	0	157
ASWÂN	00	9	30	1	0	0	—	4.7	39.4	06	0	00	9	00	0	0	0	—	5.2	35.0	—	0	158
Western Desert																							
SÎWA	00	8	12	3	0	0	—	12.2	37.0	39	0	00	—	00	0	0	0	—	10.6	31.7	62	0	148
BAHARÎYA	00	9	00	0	0	0	—	10.2	35.0	32	0	00	—	00	0	0	0	—	12.2	—	—	0	149
KHÂRGA	00	9	32	3	0	0	—	9.2	39.4	17	0	00	9	30	2	0	0	—	7.6	34.6	19	0	151
DÂKHLA	00	9	32	2	0	0	—	9.0	37.0	17	0	00	7	32	2	0	0	—	10.4	31.0	29	0	152
Red Sea																							
TÔR	00	7	26	5	0	0	—	8.4	29.2	60	0	00	7	32	4	0	0	—	7.0	33.5	60	0	145
HURGHÂDA	00	8	02	4	0	0	—	—	28.6	53	0	00	8	—	—	0	0	—	8.8	27.4	26	0	146
QUSEIR	00	7	32	2	0	0	—	6.7	30.4	47	0	00	8	24	2	0	0	—	6.4	29.0	30	0	147
PORT SÛDÂN	00	9	06	3	0	2	2	5	34	36	0												188
North Sûdân																							
WÂDI HALFA	00	8	04	2	0	0	—	6	41	07	0												165
KAREIMA	01	8	02	2	1	4	1	4	43	06	0												166
ATBARA	01	8	30	2	1	4	1	2	42	06	0												167
KHARTÛM	01	8	24	2	1	4	1	2	42	25	0												169
KASSALA	00	8	04	1	0	1	8	0	44	07	0												170
Central Sûdân																							
WAD MEDANI	00	8	30	2	0	2	3	2	43	07	0												171
RENK	00	9	28	3	0	0	—	—	41	13	0												182
ROSEIRES	00	8	16	3	0	0	—	—	41	17	0												172
EL OBEID	01	9	24	3	1	4	1	2	41	13	0												174
EL FASHER	01	9	02	2	1	4	8,1	—	38	11	0												175
GENEINA	01	9	22	3	1	4	8,1	—	37	17	—												179
KADUGLI	01	8	14	3	1	4	4	5	39	20	—												187
S. Sûdân																							
MALAKÂL	02	8	18	3	1	5	8	6	36	09	0												176
WÂU	02	7	12	3	1	5	8,4,5	9	30	55	0												177
JUBA	02	8	12	2	1	7	4,5	8	38	42	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 19th

MATRÛH	MARIUT	PORT SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h 45m	13h 45m	h. m.	13h m.	13h 30m	h. m.	13h m.	13h m.	13h m.	13h m.	h. m.	12h 30m	13h m.
	01 04 20	03 03 15		03 03 30	03 28 20		09 36 20	09 03 20	09 01 05	09 12 20		09 21 35	09 20 30
	06 02 15	06 02 30		06 02 20	06 28 30		15 25 25	15 25 20	15 24 05	15 06 25		15 22 30	15 19 25
	09 34 20	09 36 25		09 03 20	09 28 20		21 33 40	21 35 15	21 27 05	21 07 20		21 21 35	21 16 25
	15 36 15	15 35 30		15 02 35	15 42 10		27 30 40	27 33 10	24 25 05	24 06 20		27 24 15	27 14 15
	18 01 15	18 35 35		21 06 35	21 27 05		33 31 65	33 27 05	30 21 15	33 05 35		33 23 15	33 02 35
	21 35 20			27 04 30	30 29 15		39 26 30	39 25 40	39 16 10	39 02 10		39 01 20	36 07 40
	24 36 —			30 04 30									

Remarks

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

Station	Humidity 19th	Diff from normal	Wet bulb temp 19th	Diff from normal
Alexandria	68	-3	19.9	+1.1
Ezbekiya	44	-6	19.5	+0.9
Giza	57	+7	18.8	+0.4
Helwân	21	-17	16.9	+0.3

GIZA — Grass minimum temp on 20th 12.5°C

CAIRO — Water temp River Nile at 9h on 20th 23.7°C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	20th	1157	1042
	19th	1157	984

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	20th				
Nasser					
Malakâl				9.76	-0.44
J. Aulia Res.				370.80	—
J. Aulia D.S.				370.77	-0.13
Roseires		11.54	-0.44	11.55	-0.39
Sennar Res.					
Khartûm					
Kh. el Girba				10.39	+0.11
Atbara		10.02	+0.01	10.00	-0.01
Kajnarti		132.17	+0.22	132.19	+0.25
Aswân Res.		118.82	—	118.91	—
Aswân D.S.		85.46	-0.35	85.46	-0.33
Roda (Cairo)		16.40	+0.92	16.31	+0.83

At 8h. on Monday 20th (الساعة ٨ يوم الاثنين ٢٠)

Station	ww	V	Dir. DD	Force F	Past W	Cloud N	Form 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
Mediterranean																		
SALÛM												—		—				98
MATRÛH	02	9	14	2	6	5	9	11.4	-2.5	20.8	26	+1	18	+2	75	3	101	160
MARIUT	01	8	08	2	2	3	4,1	12	—	25	29	—	20	—	56	0	187	138
ALEXANDRIA	01	8	12	1	1	3	1	11.5	-2.3	25.6	29	+3	19	+1	53	0	173	185
DAMIETTA	01	8	14	1	1	4	3	11.4	-1.8	25.6	29	—	18	—	67	0	81	105
PORT SA'ÎD	01	8	32	2	1	3	2	11.1	-1.5	24.3	28	+1	19	+1	66	0	71	79
EL 'ARÎSH	00	9	00	0	0	0	—	11.4	-1.9	24.2	27	0	16	+1	60	0	—	93
Lower Egypt																		
DAMANHÛR	01	6	12	4	1	4	1	11.4	-2.3	24.0	34	+4	17	+1	57	0	92	100
MANSÛRA	01	8	04	1	1	3	0	11.4	-1.9	26.8	35	+3	17	+1	56	0	64	54
TANTA	00	8	08	1	0	0	—	11.4	-2.3	24.7	35	+2	14	-1	58	0	84	42
ZAGAZIG	00	6	08	2	0	0	—	10.7	-2.9	26.8	35	+3	17	+1	38	0	14	27
SHEBÎN EL KÔM	00	8	02	2	0	0	—	10.6	-3.0	25.8	36	—	17	—	55	0	35	—
Middle Egypt																		
CAIRO ALMAZA	00	7	08	5	0	0	—	9.7	-3.4	29.3	36	—	21	—	17	0	9	—
CAIRO EZBEKÎYA	00	6	02	2	0	0	—	10.3	-2.8	29.9	35	+2	19	+2	24	0	21	25
CAIRO GÎZA	00	7	30	1	0	0	—	10.4	-2.7	25.8	35	+2	15	0	49	0	40	26
HELWÂN	00	7	00	0	0	0	—	9.6	-3.3	28.8	36	+3	19	+1	24	0	16	29
SUEZ																	—	17
Upper Egypt																		
FAIYÛM	00	8	06	1	0	0	—	10.3	-2.6	27.8	36	+2	18	+1	37	0	8	8
MINYA	00	9	08	1	0	0	—	10.3	-1.9	28.4	38	+4	19	+1	26	0	dr	—
ASYÛT	00	7	12	2	0	0	—	9.6	-2.4	30.0	39	+4	21	+2	23	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	9.1	-1.6	27.0	39	—	19	—	41	0	1	—
QENA	00	8	04	2	0	0	—	8.2	-2.2	29.0	43	+4	23	+2	59	0	13	—
LUXOR	00	7	28	1	0	0	—	9.1	-1.2	30.0	42	+2	21	+1	25	0	0	—
ASWÂN	00	9	02	1	0	0	—	8.0	-2.5	28.7	41	+2	24	0	17	0	dr	
Western Desert																		
SÎWA	00	7	06	5	0	0	—	—	—	26.3	39	+4	21	+4	86	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	—	—	25.4	36	+1	19	+2	45	0	0	7
KHÂRGA	00	9	32	2	0	0	—	10.2	-0.8	28.7	40	+2	23	+1	29	0	1	—
DÂKHLA	00	8	16	2	0	0	—	10.3	-1.7	30.0	39	+1	22	+2	33	0	0	—
Red Sea																		
TÔR	00	7	28	3	0	0	—	9.4	-1.0	25.9	33	+2	24	+3	66	0	0	13
HURGHÂDA	00	8	28	1	0	0	—	9.1	-1.6	29.0	—	—	20	-1	19	0	1	3
QUSEIR	00	8	32	2	0	0	—	7.6	-2.8	28.6	33	+2	25	+1	45	0	11	4
PORT SÛDÂN	00	9	32	1	2	2	1	6		34					25	0	18	97
North Sûdân																		
WÂDI HALFA	00	8	04	1	0	0	—	8		30					12	0	Tr	—
KAREIMA	00	8	06	3	0	1	1	6		33					07	0	7	2
'ATBARA	00	8	32	3	1	3	1	6		32					15	0	8	6
KHARTÛM	01	9	30	3	1	4	1	5		34					05	0	3	6
KASSALA	00	8	14	2	0	3	1	3		36					20	0	31	19
Central Sûdân																		
WAD MEDANI	01	8	06	5	1	3	1	5		33					—	0	13	21
RENK	00	9	18	3	0	0	—	—		31		—		—	43	—	—	75
ROSEIRES	00	8	20	1	0	0	—	8		32					38	0	123	89
EL OBEID	01	8	22	2	1	4	4	6									44	29
EL FÂSHER	02	9	00	0	1	6	4	—	—	25					16	0	2	12
GENEINA	02	8	12	1	1	6	4,2	—	—	27		—		—	45	—	—	20
KADUGLI	01	8	24	4	1	4	1	8		20		—		—	43	—	—	144
S. Sûdân																		
MALAKÂL	02	8	18	2	1	7	4,5	11		27					66	0	213	165
WÂU	02	8	00	0	1	8	4,5	10		24					84	0	123	313
JUBA	64	8	00	0	6	8	5	15		21					94	12	462	405

Upper Winds are in the Code HHDDVV where HH is Height 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 (الرياح العليا يوم ٢٠)

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	6h 45m	6h 45m	9h m.	7h m.	7h m.	7h 30m	7h m.	7h m.	h. m.	7	7
	03 07 25	03 12 05	02 28 05	03 08 05	02 08 35	03 02 20	02 36 05	09 36 25		09 03 35	09 03 80
	06 08 15	06 06 10	05 13 10	06 08 20	05 07 50	06 02 35	05 04 30	15 01 40		15 35 30	15 01 60
	09 10 10	09 01 05	08 08 20	09 07 20	10 05 50	09 05 20	10 04 25	21 35 35		21 33 20	21 01 50
	12 14 10	12 32 10	10 05 20	15 06 15	15 04 40	15 02 10	15 03 25	27 35 30		27 33 25	24 01 50
	15 09 20	15 31 15	13 36 10	21 04 20		21 24 20	20 03 15	33 04 30		33 31 20	27 01 45
	18 28 20	21 29 15				30 30 35				39 28 20	
		30 31 40									

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7h m.	h. m.	7h m.	7h m.	7
	09 05 05		09 27 05	09 27 30	09 22 25
	15 13 30		15 06 30	15 30 35	15 21 25
	21 45 30		21 06 45	21 01 15	21 23 20
	27 13 20		33 07 40	27 08 35	27 21 25
			39 07 20	33 07 30	33 20 30
				39 06 30	

Cyprus synoptic on 20th

34850 00941 08401 09211 30502 00150:
34700 00990 22200 0923F XXXXX 00XXX:

Upper Air Temp — Almâza at 4h G.M.T. on 20th

Height (metres)	PPP	TT	
Surface	1001	68	59
500	983	75	55
1000	965	73	55
1500	948	73	55
2000	931	71	54
4000	864	68	51
6000	802	59	46
8000	743	50	40
10000	688	38	32
12000	636	30	26
14000	588	23	19
16000	542	16	15

Wind Force (F)

	km/h	Force
Calm	0	
Almost calm	1-6	
Very light		
Light	-6	
Moderate	-26	
Fresh	27-35	
Strong	36-44	6
Very strong	45-54	
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	0
Storm	91-104	
Hurricane	over 104	

WIND DIRECTION (DD)

DD on Scale 01-32, e.g. 08 = East, 18 = 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
Tenth	2
2, 3 Tenths	
4, 5, 6 Tenths	
Tenths	
Tenths	
Nearly Tenths	
Overcast	
Fog or Dust	

CLOUD FORM (C)

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

CAIRO Time of Sunrise h. m. 04 59 — Sunset h. m. 18 45

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦ — 1417 F.C.

At 14h. on Monday 20th (الساعة ١٤ يوم الاثنين ٢٠) — At 20h. on 20th (الساعة ٢٠ يوم الاثنين 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 8-14h 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	2	4	8	10.0	29.6	33	0	01	8	06	2	1	4	8	8.4	20.8	89	0	131
MARIUT	02	7	06	1	2	5	4,5,2	11	28	42	0	01	7	06	2	2	3	1	9	22	65	0	150
ALEXANDRIA	02	8	04	2	2	5	2	11.4	26.6	52	0	00	5	04	3	0	0	—	9.4	21.4	32	0	132
DAMIETTA	01	8	30	3	1	5	5	11.5	25.4	65	0	00	7	02	2	1	0	—	10.8	22.0	86	0	159
PORT SA'ÎD	01	7	32	5	1	5	6	11.9	25.6	64	0	01	8	32	2	2	3	2	11.2	21.8	79	0	134
EL 'ARÎSH	05	7	30	5	0	0	—	11.2	24.0	68	0	00	9	00	0	0	0	—	11.5	20.7	92	0	135
LOWER EGYPT																							
DAMANHÛR	01	6	04	4	1	4	8	11.2	30.8	32	0	01	7	04	4	1	4	8	12.6	20.3	68	0	136
MANSÛRA	01	8	30	2	1	4	0	11.5	32.0	29	0	00	6	32	2	1	0	—	11.0	23.5	57	0	137
TANTA	01	8	28	1	1	4	8	11.8	31.9	31	0	01	8	32	1	1	4	8	10.8	24.3	50	0	138
ZAGAZIG	01	6	24	2	0	4	8	11.1	32.4	35	0	00	6	32	2	1	0	—	11.0	25.0	54	0	139
SHEBÎN EL KÔM	00	8	04	2	0	0	—	11.0	31.9	42	0	00	7	02	2	1	1	6	9.8	26.3	47	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	02	2	0	2	4	10.7	33.4	22	0	01	7	06	2	1	3	4,5	9.5	30.0	27	0	141
CAIRO EZBEKÎYA	00	8	28	3	0	3	3	11.1	32.8	28	0	00	8	02	1	0	0	—	8.4	28.6	36	0	—
CAIRO GÎZA	00	8	30	3	3	1	5	11.1	32.7	25	0	00	7	00	0	1	1	5	9.8	27.9	36	0	—
HELWÂN	00	7	28	7	0	0	—	10.3	32.8	21	0	00	7	32	2	0	1	4	9.8	28.9	25	0	143
SUEZ	00	9	18	1	0	0	—	10.8	33.4	19	0	00	9	00	0	0	0	—	10.8	27.0	41	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	4	0	0	—	9.5	34.0	18	0	01	8	02	2	1	3	3	9.0	28.8	27	0	153
MINYA	01	9	04	2	1	4	2	8.6	38.4	—	0	01	9	32	2	1	4	3	8.7	30.9	22	0	154
ASYÛT	00	6	12	1	0	0	—	7.5	37.1	18	0	00	6	30	1	0	0	—	7.6	31.2	26	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	6.4	38.0	15	0	00	8	00	0	0	0	—	6.3	25.3	38	0	164
QENA	00	9	24	1	0	0	—	6.2	40.0	18	0	00	6	06	2	0	0	—	6.0	30.6	23	0	156
LUXOR	00	7	32	1	0	0	—	7.0	39.0	—	0	00	6	28	2	0	0	—	6.3	27.8	39	0	157
ASWÂN	00	9	30	1	0	0	—	5.4	39.0	07	0	00	9	00	0	0	0	—	5.5	36.0	07	0	158
WESTERN DESERT																							
SÎWA	18	4	12	6	3	0	—	—	35.0	37	0	00	—	08	4	0	0	—	—	33.5	35	0	148
BAHARÎYA												00	—	00	0	0	0	—	—	—	—	0	149
KHÂRGA	00	9	04	2	0	0	—	7.9	38.6	18	0	00	9	23	1	0	0	—	7.9	33.8	16	0	151
DÂKHLA	00	9	12	2	0	0	—	7.1	39.0	16	0	00	7	28	2	0	0	—	10.2	31.0	30	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	8.7	37.5	43	0	00	7	16	3	0	0	—	7.1?	28.5	58	0	145
HURGHÂDA	00	8	04	1	0	0	—	9.6	39.6	25	0	00	8	32	2	0	0	—	8.8?	28.4	33	0	146
QUSEIR	00	8	32	2	0	0	—	8.0	42.3	32	0	00	8	32	2	0	0	—	7.8	29.4	33	0	147
PORT SÛDÂN	00	8	04	4	0	2	1	5	33	56													169
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	0	—	5	40	06													165
KAREIMA	01	8	02	3	1	4	2	4	42	04													166
'ATBARA	01	7	30	4	3	4	1	1	42	06													167
KHARTÛM	05	6	28	4	0	1	1	2	42	09													168
KASSALA	01	8	18	1	1	4	8,1	99	44	11													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	30	5	1	4	1	—	44	04													171
RENK	00	9	18	3	0	0	—	1	39	23													182
ROSEIRES	02	8	18	3	0	6	8	—	38	25													172
EL OBEID	01	9	06	4	0	4	1	3	39	20													174
EL FÂSHER	02	8	02	4	1	6	4,2	—	39	07													175
GENEINA	01	8	04	2	1	5	8,1	—	38	16													179
KADUGLI	02	8	20	4	1	5	4	4	39	23													187
S. SÛDÂN																							
MALAKÂL	02	8	16	4	2	6	8,2	7	33	47													176
WÂU	01	8	12	3	1	4	8,4	8	31	52													177
JUBA	52	8	10	2	6	8	0,5	10	23	94													178

At 8h. on TUESDAY 21st (الساعة ٨ يوم الثلاثاء 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												—		—				98
MATRÛH	00	9	06	3	6	0	9	8.4	-5.5	22.0	31	+6	19	+2	80	tr	101	160
MARIUT	02	7	10	2	1	5	8	8		27	29	—	17	—	42	0	187	138
ALEXANDRIA																	173	185
DAMIETTA	00	7	06	3	1	2	3	9.2	-4.0	25.0	29	—	21	—	74	0	81	105
PORT SA'ÎD	00	8	04	3	0	3	2	8.4	-4.2	25.0	28	+1	21	+3	70	0	71	79
EL 'ARÎSH	00	9	00	0	0	0	—	9.8	-3.4	24.9	27	0	16	+1	47	0	—	93
LOWER EGYPT																		
DAMANHÛR	02	6	20	4	1	5	5	8.3	-5.3	26.3	31	0	18	+2	50	0	92	101
MANSÛRA	01	8	04	1	1	4	6	9.0	-4.3	28.2	33	+1	19	+3	43	0	64	54
TANTA	01	8	32	1	1	4	8	8.8	-4.9	26.3	32	-1	17	+2	43	0	84	43
ZAGAZIG	01	6	04	3	1	5	8	8.7	-4.8	26.8	34	+1	18	+2	45	0	14	27
SHEBÎN EL KÔM	00	8	04	2	0	1	8	7.8	-5.8	24.2	33	—	18	—	53	0	35	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	12	4	1	3	4	7.0	-6.0	32.6	36	—	25	—	16	0	9	—
CAIRO EZBEKÎYA	01	6	02	1	1	5	2	7.5	-5.5	30.7	35	+2	22	+4	39	0	21	26
CAIRO GÎZA	01	7	26	1	1	3	4	7.5	-5.5	27.2	36	+3	18	+3	47	0	40	26
HELWÂN	01	7	08	4	0	3	4	6.6	-6.3	32.2	35	+2	21	+3	14	0	18	29
SUEZ	01	9	00	0	1	3	3	9.1	-3.3	29.2	36	+3	20	+1	38	0	—	17
UPPER EGYPT																		
FAIYÛM	01	8	30	1	1	4	2	7.0	-5.8	28.0	35	+1	20	+2	38	0	8	8
MINYA	01	8	12	2	3	4	2	6.7	-5.4	30.7	39	+4	23	+5	25	0	dr	—
ASYÛT	01	7	12	3	1	4	2	7.4	-4.6	30.0	39	+4	23	+4	27	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.2	-2.5	28.7	39	—	17	—	43	0	1	—
QENA	01	7	10	2	0	3	1	8.4	-2.0	32.0	41	+2	22	+1	18	0	13	—
LUXOR	00	7	28	1	0	0	—	8.6	-1.7	32.0	41	+1	19	-1	19	0	0	—
ASWÂN	00	9	00	0	0	0	—	7.6	-2.9	28.7	41	+1	23	-1	20	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	4.6	-9.6	27.0	37	+2	24	+7	63	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	7.1	-6.2	26.0	33	-2	18	0	55	0	0	7
KHÂRGA	00	9	00	0	0	0	—	7.9	-3.0	28.3	39	+1	21	-1	35	0	1	—
DÂKHLA	00	8	00	0	0	0	—	7.1	-4.9	30.0	40	+2	22	+2	23	0	0	—
RED SEA																		
TÔR	00	7	12	3	0	0	—	8.2	-2.2	26.3	38	+7	20	-1	66	0	0	13
HURGHÂDA	00	8	00	0	0	0	—	8.3	-2.3	32.4	40	+7	21	0	24	0	1	3
QUSEIR	00	8	32	2	0	0	—	8.0	-2.3	29.7	43	+12	24	0	37	0	11	4
PORT SÛDÂN	00	8	30	3	0	1	1	7		32					43	0	18	97
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	7		28					18	0	tr	—
KAREIMA	01	8	04	1	1	5	1	7		29					20	0	7	2
'ATBARA	01	8	32	3	0	4	1	5		32					13	0	8	6
KHARTÛM	01	7	12	3	0	3	1	7		34					09	0	3	7
KASSALA	02	8	18	3	1	5	2	5		32					26	0	31	20
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	4	1	4	1	8		33					36	0	13	21
RENK	00	9	18	3	0	0	—	8		31		—		—	43	—	—	76
ROSEIRES	00	8	16	3	0	0	—	10?		31					49	0	123	91
EL OBEID	01	8	16	4	1	5	4,2	7		29					35	0	44	29
EL FÂSHER	02	9	32	1	1	7	2	—	—	26					18	0	2	12
GENEINA	02	8	18	3	1	6	2	—	—	27		—		—	35	—	—	20
KADUGLI	01	8	20	3	1	4	1	9		28		—		—	62	—	—	147
S. SÛDÂN																		
MALAKÂL	01	8	16	3	1	3	4	—		28					58	0	213	168
WÂU	00	8	18	3	0	3	4	9		25					79	0	123	318
JUBA	52	8	10	1	6	8	0,5	13		22					94	5	467	410

Upper Winds are in the Code HHDDVV where HH is Height 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 (الرياح العليا يوم ٢٠)

MATRÛH	MARIUT 13h	PORT SA'ÎD 12h 30m	ALMÂZA	MINYA 13h	LUXOR 13h 15m	HURGHÂDA 13h	WÂDI HALFA 12h 15m	KAREIMA 12h 45m	KHARTÛM 13h	KASSALA 13h	EL OBEID 13h	MALAKAL 13h	JUBA 13h 15m
	03 30 05	03 31 35		03 36 25	03 33 05	03 06 15	09 01 20	09 01 20	09 36 25	09 17 30	09 08 20	09 20 15	09 18 55
	06 23 30	06 29 20		06 01 30	06 26 10	06 05 25	15 01 35	15 35 15	15 01 10	15 15 35	15 09 40	15 22 15	15 18 25
	09 26 30	09 27 20		09 03 15	09 18 05	09 35 15	21 01 25	21 33 15	18 03 05	21 16 20	21 08 30	21 25 25	21 31 20
	12 26 35	12 27 20		12 09 05	12 08 05	15 22 05	27 34 20	24 31 15		27 02 05	27 08 25	27 30 20	27 25 35
	15 26 30	15 27 25		15 09 05			33 30 30	27 30 15			33 07 25	33 35 30	30 27 40
	18 26 35	21 27 30		21 03 30				30 29 15			39 02 15	39 01 35	
		30 20 30		30 01 40									
				36 33 35									
				42 36 30									

UPPER WINDS ON 21st (الرياح العليا يوم ٢١)

MATRÛH 9h 30m	MARIUT 7h 15m	PORT SA'ÎD 6h 30m	HELWÂN	MINYA 6h 30m	ASYÛT 7h	LUXOR 7h	ASWÂN 7h	WÂDI HALFA 7h 15m	ABU HAMAD	KAREIMA 7h	KHARTÛM 7h
02 10 45	03 11 40	03 11 25		03 14 25	02 14 45	03 08 40	02 10 15	09 06 30		09 03 40	09 22 25
05 13 20	06 12 45	06 09 20		06 16 40	05 14 45	09 07 35	05 08 35	15 01 10		15 02 25	15 35 25
08 13 20		09 08 15		09 16 25	10 13 40	15 04 20	10 07 30	21 36 30		21 34 25	21 24 15
10 14 15		12 05 10		15 18 30		18 35 45	15 04 20	27 35 25		27 31 30	24 25 50
15 13 25		15 02 20		21 21 30			20 35 40	33 35 30			
20 12 25		18 34 20						39 31 25			
22 13 25		24 31 30									
		30 27 35									
		36 27 50									

KASSALA 6h 30m	PORT SÛDÂN	EL OBEID	EL FÂSHER 7h	GENEINA	MALAKAL 7h
09 18 25			09 00 00		09 20 35
15 13 10			15 17 05		15 19 25
21 12 05			21 12 20		21 19 15
27 05 05			27 10 15		27 15 05
33 05 10			30 09 25		33 03 30
39 07 15					39 03 40

CYPRUS SYNOPTIC 8h ON 21st

UPPER AIR TEMP ALMÂZA AT 4h GMT ON 21st

HEIGHT (feet)	PPP (mb)	TT	
Surface	998	77	59
500	980	84	60
1000	962	83	59
1500	945	81	58
2000	928	78	56
4000	862	70	50
6000	800	60	44
8000	741	50	38
10000	686	41	32
12000	635	32	29
14000	586	22	19
16000	541	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 20th	Diff from normal	Wet bulb temp °C on 20th	Diff from normal
Alexandria				
Ezbekiya	28	-22	19.1	+0.4
Giza	40	-10	19.0	+0.5
Helwân	21	-17	17.7	+1.0

GÎZA — GRASS MINIMUM TEMP ON 21st 15.7°C

CAIRO — WATER TEMP RIVER NILE AT 8h ON 21st 24.2°C

Discharges at Aswan measured by sluices m³ per sec.

Date	1946	1945
21th	1157	1042
20th	1157	1042

Gauge	Date 1946	Reading m	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21.5			12.74	-0.81
Nasser				6.19	-0.18
Malakâl		9.80	-0.41	9.78	-0.42
J. Aulia Res.				370.78	—
J. Aulia D.S				370.76	-0.44
Roseires		11.56	-0.46	11.54	-0.44
Sennar Res.				10.72	—
Khartûm				10.93	+0.76
Kh. el Girba				10.36	+0.08
'Atbara		10.04	+0.04	10.02	+0.01
Kajnarti				132.17	+0.22
Aswân Res.		118.74	—	118.82	—
Aswân D.S		85.46	-0.36	85.46	-0.35
Roda (Cairo)		16.49	+1.01	16.46	+0.92

PRESENT WEATHER 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
[illegible]	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 — 1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise h. 04 m. 58 — Sunset 18 45 — Month MAY 1946 — شهر هاتور ١٩٤٦

At 14h. on TUESDAY 21st — الساعة ١٤ يوم الثلاثاء ٢١

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 8-14 mms	STATION NUMBER
	WW	V	DD	F	W	N	C	PPP	TTT	UU		
MEDITERRANEAN — SALÛM												130
MATRÛH	00	9	06	2	0	0	—	7.4	23.8	69	0	131
MARIUT	01	7	04	4	2	4	4	7	27	62	0	150
ALEXANDRIA	02	8	04	4	2	5	6	7.1	25.6	71	0	132
DAMIETTA	02	7	06	4	2	6	6	8.7	26.4	75	0	159
PORT SAÏD	02	7	04	4	2	7	5	8.7	25.7	73	0	134
EL ʿARÎSH	02	9	02	2	1	7	3	8.7	26.1	63	0	135
LOWER EGYPT — DAMANHÛR	02	6	16	3	2	6	5	6.4	35.8	18	0	136
MANSÛRA	02	6	04	1	2	5	0	6.8	36.5	20	0	137
TANTA	03	8	08	3	2	3	6	6.7	31.8	22	0	138
ZAGAZIG	01	6	32	3	1	4	8	—	36.2	18	0	139
SHEBÎN EL KÔM	02	3	02	3	2	5	6	5.8	34.7	13	0	—
MIDDLE EGYPT — CAIRO — ALMAZA	02	7	18	3	1	7	4,5	5.2	39.8	09	0	141
EZBEKÎYA	21	7	16	4	5	8	6	5.2	37.9	12	dr	—
GÎZA	50	6	10	3	3	5	7	5.4	38.1	14	dr	—
HELWÂN	03	7	18	3	2	8	4	4.7	38.2	07	0	143
SUEZ	01	9	00	0	1	4	2	7.5	37.6	19	0	144
UPPER EGYPT — FAIYÛM	02	8	18	4	2	6	2	5.0	40.0	12	0	153
MINYA	02	7	16	2	2	7	5	5.2	39.4	12	0	154
ASYÛT	01	7	22	1	1	4	2	5.5	40.6	10	0	155
NAG HAMADI	00	8	00	0	0	0	—	5.8	39.6	16	0	164
QENA	00	9	16	2	1	0	—	5.4	41.4	16	0	156
LUXOR	00	7	28	1	0	0	—	5.5	43.0	—	0	157
ASWÂN	00	9	30	1	0	0	—	5.8	41.5	04	0	158
WESTERN DESERT — SÎWA	00	8	24	5	0	0	—	4.0	37.5	25	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	35.2	31	0	149
KHÂRGA	00	9	24	2	0	0	—	6.7	40.6	15	0	151
DAKHLA	00	8	16	5	0	0	—	5.6	39.0	16	0	152
RED SEA — TÛR	00	7	16	3	0	0	—	8.2	32.1	62	0	145
HURGHADA	00	8	12	1	0	0	—	8.8	32.3	45	0	146
QUSEIR	00	8	32	2	0	0	—	7.9	32.0	45	0	147
PORT SUDÂN	00	8	04	3	0	0	—	5	33	56		308
NORTH SÛDÂN — WÂDI HALFA	00	8	02	2	0	3	2	4	42	06		165
KAREIMA	01	8	02	3	1	3	1	3	42	04		166
ʿATBARA	02	8	28	3	1	6	2	2	42	06		167
KHARTÛM	01	7	28	2	1	4	1	4	41	03		309
KASSALA	01	8	20	2	1	3	1	99	43	09		170
CENTRAL SÛDÂN — WAD MEDANI	01	8	08	4	1	4	3	2	40	14		171
RENK	00	9	18	3	0	0	—	1	38	25		182
ROSEIRES	01	8	24	1	0	5	8	—	38	25		172
EL OBEID	02	9	32	1	1	7	2	2	39	11		174
EL FÂSHER	02	8	08	4	1	6	4,5	—	38	15		175
GENEINA	02	9	10	4	1	6	2	—	37	17		179
KADUGLI	01	8	04	3	1	4	4	5	37	27		187
S. SÛDÂN — MALAKÂL	01	8	18	3	1	4	8	5	36	33		176
WÂU	00	8	16	3	1	3	8	6	34	34		177
JUBA	02	8	00	0	1	6	8,4	8	30	59		178

At 20h. on 21st — الساعة ٢٠ يوم الثلاثاء ٢١

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESS M.S.L. 1000+ mbs.	°C TEMP.	% HUMIDITY	RAIN 14-20 mms
	WW	V	DD	F	W	N	C	PPP	TTT	UU	
MEDITERRANEAN — SALÛM											
MATRÛH	01	8	08	1	0	4	8	8.0	20.6	87	0
MARIUT	01	7	05	5	2	4	2	4	23	65	0
ALEXANDRIA	00	5	06	5	2	0	—	5.8	22.2	63	0
DAMIETTA	01	7	08	4	1	4	6	7.1	23.2	79	0
PORT SAÏD	01	8	02	3	1	4	4	7.5	23.6	73	0
EL ʿARÎSH	01	9	04	2	0	4	1	8.8	23.9	46	0
LOWER EGYPT — DAMANHÛR	01	6	16	4	1	3	5	5.5	24.0	53	0
MANSÛRA	01	6	04	1	2	4	6	6.3	24.5	72	0
TANTA	01	8	04	1	1	4	8	6.2	27.1	42	0
ZAGAZIG	00	6	32	3	0	0	—	5.9	27.8	39	0
SHEBÎN EL KÔM	00	7	04	3	1	1	6	5.1	28.6	32	0
MIDDLE EGYPT — CAIRO — ALMAZA	05	6	18	2	1	3	4,5	4.5	34.5	16	0
EZBEKÎYA	01	6	14	2	5	3	6	6.7	32.5	24	dr
GÎZA	00	7	00	0	2	2	8	4.7	31.6	24	dr
HELWÂN	02	7	16	2	2	5	4	4.7	33.6	17	0
SUEZ	00	9	00	0	0	—	—	6.7	29.8	34	0
UPPER EGYPT — FAIYÛM	02	8	12	2	2	5	2	4.6	33.0	24	0
MINYA	02	7	00	0	2	5	5	5.9	30.9	28	0
ASYÛT	00	6	20	1	1	0	—	6.2	32.0	18	0
NAG HAMADI	00	8	00	0	0	0	—	6.2	29.7	29	0
QENA	01	6	24	1	0	4	4	5.6	32.6	24	0
LUXOR	00	6	32	1	0	0	—	6.2	38.8	33	0
ASWÂN	00	9	00	0	0	0	—	5.2	37.5	07	0
WESTERN DESERT — SÎWA	00	—	00	0	0	0	—	—	34.0	36	0
BAHARÎYA	00	—	00	0	0	0	—	—	34.0	18	0
KHÂRGA	03	—	12	1	2	8	5	7.5	34.2	17	0
DAKHLA	00	7	16	2	0	0	—	7.0	30.0	33	0
RED SEA — TÛR	00	7	12	3	0	0	—	7.5	28.9	56	0
HURGHADA	00	8	10	1	0	0	—	8.3	29.8	51	0
QUSEIR	00	8	22	2	0	0	—	7.4	29.6	42	0
PORT SUDÂN											
NORTH SÛDÂN — WÂDI HALFA											
KAREIMA											
ʿATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN — WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN — MALAKÂL											
WÂU											
JUBA											

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 SAÏD h. m.	ALMAZA 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.
				12 30	13		13 15	12 30	13	13		13 30	13
				03 18 20	03 12 05		09 06 15	09 03 15	09 03 20	09 24 05		09 19 20	09 18 15
				06 19 35	06 16 10		15 04 15	15 01 30	15 01 15	15 21 15		15 18 10	15 11 25
				09 21 30	09 13 10		21 02 20	21 35 25	21 23 15	21 22 20		21 19 15	21 12 20
				12 20 55	15 08 20		27 31 20	27 31 20	24 23 05	27 19 20		27 19 10	
				15 20 50	21 05 15		33 33 35	33 29 20					
				18 20 30	27 32 10		39 32 30	39 27 15					
				21 20 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 21st	Diff. from normal	Mean of day WET BULB TEMP °C on 21st	Diff. from normal
Alexandria	51	-20	19.1	+0.1
Ezbekîya	30	-20	19.9	+1.1
Giza	33	-17	19.6	+1.1
Helwân	13	-25	17.9	+1.1

GIZA — GRASS MINIMUM TEMP on 22nd 19.4° C

CAIRO — WATER TEMP AT 9h; RIVER NILE on 22nd 24.6° C

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	22nd	1157	1042
	21st	1157	1042

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22nd			13.00	-0.56
Nâsser				6.17	-0.25
Malakâl		9.84	-0.38	9.80	-0.41
J. Aulia Res.				370.79	—
J. Aulia D.S				370.75	-0.16
Roseires		11.54	-0.53	11.56	-0.46
Sennar Res.		10.04	—	10.27	—
Khartûm				9.90	-0.28
Kh. el Girba					
ʿAtbara		10.03	+0.05	10.04	+0.04
Kajnarti				132.14	+0.19
Aswân Res.		118.68	—	118.74	—
Aswân D.S.		85.46	-0.37	85.46	-0.36
Roda (Cairo)		16.49	+1.01	16.49	+1.01

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

At 8h. on WEDNESDAY 22nd — الساعة ٨ يوم الاربعاء ٢٢

STATION	PRESENT WEATHER	VISIBILITY	WIND Dir.	WIND Force	PAST WEATHER	CLOUD Amount	CLOUD Form	BAR PRESSURE M.S.L. 1000+ mbs.	BAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm °C	MINIMUM Today °C	MINIMUM Diff. from norm °C	% HUMIDITY	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm From Oct 1 mms
	WW	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU			
MEDITERRANEAN — SALÛM												—		—				98
MATRÛH	01	9	02	3	1	4	8	8.2	5.7	21.0	24	-1	19	+2	87	0	101	160
MARIUT	02	7	10	2	1	5	8	8	—	27	36	—	17	—	42	0	187	128
ALEXANDRIA	02	8	12	2	2	7	5	5.5	8.3	25.2	33	+7	21	+3	52	0	170	185
DAMIETTA	02	6	08	2	2	7	5	6.3	6.8	24.7	29	—	22	—	76	0	81	105
PORT SAÏD	02	8	02	3	2	7	0	5.2	7.3	25.3	26	-1	23	+5	72	0	71	79
EL ʿARÎSH	01	9	00	0	0	3	3	—	—	27.1	30	+3	21	+6		0	—	93
LOWER EGYPT — DAMANHÛR	02	6	12	3	2	8	5	5.8	7.8	25.0	36	+5	21	+5	64	0	92	101
MANSÛRA	02	7	04	1	2	5	0	6.0	7.2	28.0	37	+5	22	+5	52	0	64	54
ṬANṬA	02	8	12	2	1	6	9	6.4	7.2	26.3	37	+4	22	+6	43	0	84	43
ZAGAZIG	02	6	08	2	2	8	8	5.8	7.7	28.6	37	+4	23	+7	34	0	24	27
SHEBÎN EL KÔM	02	8	20	2	1	5	6	6.3	7.2	25.7	38	—	21	—	53	0	35	—
MIDDLE EGYPT — CAIRO — ALMAZA	05	6	18	2	2	7	4,5	5.9	7.1	32.2	41	—	28	—	21	0	9	—
EZBEKÎYA	21	6	14	1	5	8	5	6.3	6.7	28.6	39	+6	26	+8	30	dr	21	26
GÎZA	02	7	00	0	2	6	5	6.2	6.8	28.7	40	+7	22	+7	30	dr	40	26
ḤELWÂN	05	6	00	0	0	8	5	6.6	6.8	29.2	41	+8	28	+10	32	0	18	29
SUEZ	02	9	00	0	2	5	2	6.8	5.6	30.7	38	+5	24	+5	40	0	—	17
UPPER EGYPT — FAIYÛM	50	8	14	1	2	8	7	6.2	6.6	26.8	40	+5	25	+7	38	dr	8	8
MINYA	02	8	28	3	2	7	5	6.6	5.5	29.9	39	+4	23	+5	29	e	dr	—
ASYÛT	03	6	22	1	1	8	5	8.4	3.5	28.8	42	+6	23	+3	28	a	a	4
NAG HAMÂDI	00	8	00	0	0	0	—	6.4	4.2	28.8	40	—	19	—	49	a	1	—
QENA	02	7	16	1	1	6	4	6.8	3.6	27.6	43	+4	22	+1	29	a	13	—
LUXOR	00	7	32	2	0	a	—	7.9	2.3	32.2	42	+3	23	+3	25	a	0	—
ASWÂN	01	9	00	0	1	4	1	6.4	4.0	30.6	42	+2	25	+1	28	a	dr	—
WESTERN DESERT — SÎWA	00	7	06	4	0	0	—	8.4	5.8	24.2	39	+4	20	+3	59	0	5	8
BAHARÎYA	03	9	00	0	2	8	—	12.4	0.9	26.0	37	+2	19	+1	55	e	e	7
KHÂRGA	03	9	24	5	2	8	7	9.0	1.9	29.6	41	+2	26	+4	26	e	1	—
DAKHLA	00	8	08	3	0	0	—	5.2	6.7	33.5	40	+2	25	+5	32	e	a	—
RED SEA — TÛR	01	6	12	3	0	3	5	6.8	3.5	29.1	32	a	24	+3	59	0	e	13
HURGHÂDA	00	8	04	1	0	0	—	7.4	3.2	28.4	33	a	21	a	59	e	1	1
QUSEIR	02	8	02	1	1	4	1	6.3	4.0	29.0	33	+2	23	-1	34	a	11	4
PORT SÛDÂN	00	8	00	0	1	3	2	8		35					47	a	13	97
NORTH SÛDÂN — WÂDI HALFA	01	8	00	0	1	4	2	6		32					24	a	tr	—
KAREIMA	02	8	00	0	1	5	2	7		29					17	0	7	2
ʿATBARA	01	8	10	3	1	4	1	7		31					16	a	8	6
KHARTÛM	00	8	10	1	1	2	2	7		33					30	0	3	7
KASSALA	00	8	16	2	1	2	4,1	6		33					34	0	21	20
CENTRAL SÛDÂN — WAD MEDANI	01	9	20	4	1	4	3	7		34					32	a	13	22
RENK	01	9	18	3	1	4	4	—		32	—	—	—	—	41	—	—	77
ROSEIRES	02	8	16	1	1	6	1	—		29					46	e	123	92
EL OBEID	00	9	20	4	0	3	1	6		33					32	a	44	30
EL FÂSHER	02	9	30	1	1	6	4,3	—	—	27					28	a	2	13
GENEINA	02	9	20	2	1	6	1	—	—	27	—	—	—	—	33	—	—	21
KADUGLI	01	8	20	3	0	4	1	8		30	—	—	—	—	46	—	—	150
S. SÛDÂN — MALAKÂL	02	8	14	4	1	5	4,5	10		28					55	0	213	171
WÂU	01	8	18	2	1	4	4	9		28					62	a	123	323
JUBA	00	8	12	3	0	1	4	11		25					94	0	467	415

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 SAÏD h. m.	HELWÂN 7 h. m.	MINYA 6 h. m.	ASYÛT 7 h. m.	[illegible] 8 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 8 h. m.
	03 16 25		02 23 20	03 30 25	03 12 25	02 16 15	02 22 15	09 12 30	09 06 30	09 06 20	09 06 10
	06 18 15		05 41 25	06 29 20	05 13 20	05 21 15	05 12 25	15 16 15	15 09 10	15 05 10	15 35 20
	09 22 20		08 21 30	09 29 20	10 12 25	10 20 20	10 13 25	21 24 25	21 09 10	21 35 15	21 36 20
	12 21 30		10 20 25	12 21 20	15 20 30	15 17 25	15 10 10	27 25 35	27 09 15	27 35 20	24 32 15
			15 18 25	15 27 35	20 23 15	20 18 25	20 12 10	33 27 40	33 01 20	33 36 25	
			20 13 25	18 28 35	25 27 10	25 17 35		39 29 45	39 11 20	39 36 20	
			23 15 30			26 10 10		45 11 40	45 27 10		
			25 15 35					51 27 20			
			27 16 45					63 29 25			

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
			09 17 10	09 24 25	09 18 45
			15 19 30	15 28 35	15 15 15
			21 16 25	21 02 15	21 08 20
			27 14 10	27 09 10	27 06 25
			33 08 20	33 08 15	33 05 45
			39 06 20		39 06 40
			45 05 10		48 05 30

UPPER AIR TEMP ALMAZA AT 24h GMT ON 22nd

HEIGHT FEET	PPP mb	TT °C	tt °C
Surface	995	86	62
500	978	91	62
1000	960	90	62
1500	942	86	61
2000	925	85	59
4000	859	76	52
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 22nd

38720	02790	08728	09241	67000	00140
44850	01841	10315	10231	46000	00150

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	39-49	6
Very strong	49-54	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 Duststorm	18
Rain in past hour	20-99
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	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 PT 150

CAIRO Time of Sunrise h. m. 04 57 Sunset h. m. 18 46

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Wednesday 22nd — الساعة ١٤ يوم ٢٢ ; At 20h. on 22nd — الساعة ٢٠ يوم الأربعاء ٢٢

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	30	3	1	0	—	9.2	21.6	87	0	00	8	30	3	c	0	—	10.4	20.6	93	0	131
	MARIUT	22	6	31	3	5	6	4,5	5	26	55	dr.	00	7	14	2	1	0	—	5	24	69	dr	150
	ALEXANDRIA	02	8	04	2	5	5	2	5.0	25.4	73	dr.	00	5	08	2	0	0	—	6.3	22.2	72	0	132
	DAMIETTA	21	7	04	2	5	8	6	8.8	24.7	77	dr.	21	8	12	3	5	8	7	6.3	25.0	51	dr	159
	PORT SA'ÎD	50	7	20	2	5	8	5	8.7	27.0	64	dr.	50	8	32	2	5	8	7	—	24.7	69	dr	134
	EL 'ARÎSH	03		28	1	1	8	2	6.4	28.7	47	0	00	9	00	0	6	0	—	7.5	23.3	77	4	135
Lower Egypt	DAMANHÛR	01	5	08	5	1	4	5	5.0	36.0	25	0	01	6	08	3	1	4	5	5.2	25.8	58	0	136
	MANSÛRA	03	8	12	2	2	8	6	7.0	33.5	28	0	02	6	08	2	6	5	9	7.0	24.8	52	2	137
	TANTA	02	8	20	4	2	8	7	5.6	35.5	18	0	03	8	16	2	2	8	7	6.0	23.0	60	2	138
	ZAGAZIG	03	6	16	2	3	8	8	6.7	35.0	24	dr.	91	6	24	3	3	8	9	6.6	29.0	34	dr	139
	SHEBÎN EL KOM	02	8	12	3	2	7	0	5.0	36.7	24	0	00	7	12	2	5	2	6	5.5	25.1	54	1	—
Middle Egypt	CAIRO ALMÂZA	02	7	19	5	2	5	4,5	4.7	36.6	22	0	07	7	10	5	6	7	4,5	4.9	25.8	55	1	141
	CAIRO EZBEKIYA	02	8	16	5	5	5	5	5.6	35.8	19	dr.	93	8	10	3	3	6	9	6.0	26.3	48	1	—
	CAIRO GÎZA	05	7	14	3	5	5	8	5.2	36.9	16	dr.	93	6	10	3	3	5	9	5.4	27.2	40	1	—
	HELWÂN	18	4	14	7	5	0	—	5.5	35.7	13	dr.	29	5	06	3	9	8	7	6.3	25.4	45	1	143
	SUEZ	13	8	14	1	2	8	5	7.9	32.0	30	0	13	8	28	5	3	8	5	8.7	28.6	31	0	144
Upper Egypt	FAIYÛM	01	8	16	3	3	4	2	4.7	36.9	21	dr.	21	8	06	2	6	5	8	5.0	24.5	61	5	153
	MINYA	50	7	16	2	3	8	5	5.5?	33.0	30	dr.	01	8	32	2	5	4	8	4.2	30.3	31	dr	154
	ASYÛT	02	7	04	1	1	5	5	6.3?	36.3	24	0	01	6	30	1	1	5	5	4.3	30.3	35	0	155
	NAG HAMADI	00	8	00	0	0	0	—	5.1	37.8	27	0	00	8	08	3	0	0	—	1.5	34.4	19	0	164
	QENA	01	8	04	1	2	4	3	5.4	38.4	15	0	01	6	06	2	1	4	3	2.4	33.8	21	0	156
	LUXOR	00	7	30	2	0	0	—	5.1	40.0	23	0	00	6	28	3	0	0	—	3.0	34.0	27	0	157
	ASWÂN	01	9	18	1	1	4	1	2.3	42.8	09	0	00	9	16	1	0	0	—	2.2	39.0	08	0	158
Western Desert	SÎWA	00	8	04	4	0	0	—	8.7	35.8	27	0	00	—	32	4	0	0	—	9.0	29.8	46	0	148
	BAHARÎYA	00	9	24	1	0	0	—	5.1	37.5	22	0												149
	KHÂRGA	03	9	32	2	2	8	7	3.6	41.4	14	0	00	9	28	2	0	0	—	1.1	34.8	22	0	151
	DAKHLA	00	9	16	3	0	0	—	1.8	42.0	25	0	00	7	28	3	0	0	—	5.5	32.0	33	0	152
Red Sea	TÔR	01	6	28	4	0	3	5	7.8	29.9	40?	0	01	6	32	4	0	3	5	5.5	33.2	35	0	145
	HURGHADA	03	8	04	1	2	8	5	8.0	30.2	48	0	00	8	04	2	0	0	—	—	27.8	58	0	146
	QUSEIR	02	8	04	1	2	6	5	6.6	31.2	40	0	01	8	16	2	1	3	5	6.2	29.2	35	0	147
	PORT SÛDÂN	00	9	06	3	0	1	8	6	36	35	0												[illegible]
North Sûdân	WÂDI HALFA	00	8	20	3	0	2	8	2	44	04	0												165
	KAREIMA																							166
	'ATBARA	00	8	00	0	1	3	1	2	43	07	0												167
	KHARTÛM	00	8	08	1	0	0	—	4	41	09	0												[illegible]
	KASSALA	01	8	24	1	0	4	1,4,8	1	42	13	0												170
Central Sûdân	WAD MEDANI	01	8	20	2	1	4	6	2	42	11	0												171
	RENK	01	9	18	3	1	4	8	3	37	40	0												182
	ROSEIRES	02	8	20	2	1	7	9	—	37	35	0												172
	EL OBEID	02	8	28	2	1	7	9	2	38	18	0												174
	EL FASHER	02	9	12	2	1	7	2	—	39	20	0												175
	GENEINA	02	9	28	2	1	5	8	—	38	17	0												179
	KADUGLI	02	8	20	3	1	6	4	4	38	25	0												187
S. Sûdân	MALAKÂL	02	8	14	3	1	5	4,8	—	33	41	0												176
	WÂU	01	8	16	3	1	4	9	5	34	25	0												177
	JUBA	62	8	00	0	7	8	9	8	—	—	0												178

At 8h. on Thursday 23rd — الساعة ٨ يوم الخميس ٢٣

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	Max. Diff. from norm. °C	Min. Today °C	Min. 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												—		—				98
	MATRÛH	00	9	32	2	0	0	—	10.3	-3.6	21.5	22	-3	18	+1	80	0	101	160
	MARIUṬ	00	7	05	3	0	1	1	8.2	—	26	33	—	18	—	55	dr.	187	138
	ALEXANDRIA	01	9	08	2	8	3	4	8.3	-5.5	24.8	30	+3	20	+1	68	dr	170	185
	DAMIETTA	01	7	32	3	1	3	4	7.4	-5.6	25.2	27	—	22	—	67	dr	81	105
	PORT SA'ÎD	01	8	02	2	5	4	0	7.4	-5.1	25.2	28	+1	23	+5	71	dr	71	79
	EL 'ARÎSH	50	9	00	0	5	8	5	7.2	-6.0	24.1	32	+5	22	+6	60	4	—	93
Lower Egypt	DAMANHÛR	01	6	11	4	1	4	3	7.2	-6.4	26.7	36	+5	18	+2	48	0	92	101
	MANSÛRA	01	8	32	2	1	3	0	7.9	-5.3	25.5	34	+2	19	+2	67	2	66	54
	ṬANṬA	00	8	30	1	0	0	—	7.2	-6.4	24.3	36	+3	16	0	69	2	86	43
	ZAGAZIG	00	6	16	2	1	0	—	7.2	-6.2	25.8	35	+2	19	+3	65	dr	24	27
	SHEBÎN EL KÔM	00	8	30	2	1	2	8	6.8	-6.7	24.2	37	—	19	—	56	1	36	—
Middle Egypt	CAIRO ALMAZA	05	6	22	2	6	3	0	7.2	-5.8	23.8	37	—	19	—	75	1	10	—
	CAIRO EZBEKÎYA	01	6	18	2	1	4	8	7.4	-5.6	24.6	36	+3	20	+2	66	1	22	26
	CAIRO GÎZA	01	7	22	2	1	3	8	7.6	-5.4	24.8	37	+4	18	+3	68	1	41	26
	ḤELWÂN	05	6	00	0	1	4	8	8.0	-4.8	21.9	36	+3	19	+1	79	2	20	29
	SUEZ	13	8	00	0	8	8	0	7.4	-4.9	23.0	35	+2	22	+3	73	4	—	17
Upper Egypt	FAIYÛM	02	8	18	2	2	5	9	7.6	-5.2	24.0	37	+2	18	0	67	5	13	8
	MINYA	01	8	30	2	1	4	8	9.1	-2.9	23.4	35	0	20	+2	64	dr	dr	—
	ASYÛT	00	7	28	2	0	0	—	8.8	-3.1	23.9	37	+1	21	+1	61	0	0	4
	NAG HAMÂDI	00	8	32	1	0	0	—	6.6	-3.9	28.9	39	—	—	—	40	0	1	—
	QENA	00	8	22	3	0	0	—	4.7	-5.6	29.3	41	+2	22	+1	36	0	13	—
	LUXOR	00	7	14	2	0	0	—	5.4	-4.8	30.0	42	+2	24	+3	32	0	0	—
	ASWÂN	01	9	28	1	1	4	1	4.8	-5.6	32.5	44	+4	28	+4	18	0	dr.	—
Western Desert	SÎWA	00	7	00	0	0	0	—	12.8	-1.1	23.0	37	+2	16	-1	66	0	5	8
	BAHARÎYA	00	9	32	1	0	0	—	10.8	-2.4	22.0	39	+4	15	-3	58	0	0	7
	KHÂRGA	00	9	28	3	0	0	—	8.6	-2.2	27.9	43	+4	20	-2	32	0	1	—
	DÂKHLA	00	8	28	2	0	0	—	9.5	-2.4	28.0	43	+5	16	-4	39	0	0	—
Red Sea	TÔR	00	7	28	3	0	0	—	4.4	-5.8	27.8	33	+1	23	+2	53	0	0	13
	HURGHÂDA	00	8	28	1	0	0	—	—	—	28.6	32	-1	24	+3	44	0	1	3
	QUSEIR	01	8	32	2	1	4	4	39	-6.3	30.2	32	+1	24	0	38	0	11	4
	PORT SÛDÂN	01	9	12	3	1	3	1	7		36					35	0	18	97
North Sûdân	WÂDI ḤALFA	18	6	32	4	0	0	—	7		31					21	0	tr	—
	KAREIMA	02	8	32	1	1	5	2	6		33					10	0	7	2
	'AṬBARA	02	8	16	1	1	8	2	6		32					29	0	8	6
	KHARTÛM	01	7	18	5	1	4	4,5,7	8		31					15	0	3	7
	KASSALA	00	8	14	2	1	0	—	7		33					36	0	31	20
Central Sûdân	WAD MEDANI	18	6	20	5	3	4	3	—		32					49	0	13	22
	RENK	00	9	18	3	0	0	—	8?		31		—		—	49	—	—	79
	ROSEIRES	01	8	24	1	2	4	4	9		31					52	0	123	96
	EL OBEID	01	9	18	5	1	4	4,1	9		29					52	0	44	30
	EL FÂSHER	02	9	14	4	1	7	2	—	—	28					55	0	2	13
	GENEINA	01	8	18	5	1	5	4,1	—	—	29		—		—	11	—	—	21
	KADUGLI	02	8	20	3	1	6	1	11		26		—		—	62	—	—	153
S. Sûdân	MALAKÂL	02	8	18	3	1	7	4,5	11		26					62	0	213	174
	WÂU	02	8	18	2	1	6	4,5	11		24					74	0	123	338
	JUBA	01	8	16	1	1	4	8,4	13		23					89	1	468	420

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 12h. 30m.	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA 13h.	LUXOR 13h. 30m.	HURGHÂDA	WÂDI HALFA 13h.	KAREIMA	KHARTÛM 13h.	KASSALA 13h.	EL OBEID	MALAKAL 13h.	JUBA
03 16 05				03 20 25	03 02 10		09 22 20		09 14 15	09 21 05		09 15 20	
06 17 05				06 23 45	06 01 20		15 23 30		15 14 10	15 24 10		15 17 15	
				09 24 40	09 21 10		21 23 30		21 14 15	21 25 05		21 17 10	
				12 25 50	12 09 05					27 09 02		27 18 10	
				15 25 60	15 06 20					33 21 10		33 30 10	
				18 25 65	21 16 30							39 25 10	
				21 27 80	27 17 40								
				24 28 75	30 17 45								
					33 18 45								

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

MAṬRÛḤ	MARIUT 6h. 05m.	PORT SA'ÎD 6h. 30m.	ḤELWÂN 9h. 15m.	MINYA 7h.	ASYÛT 7h.	LUXOR 7h.	ASWÂN 7h.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h.	KAREIMA 7h.	KHARTÛM
	03 02 50	03 07 10	02 26 15	03 33 25	02 31 35	03 22 05	02 34 10	09 35 40	07 11 15	09 25 10	
	06 03 40	06 06 15	05 25 15	06 22 45	05 33 40	06 35 25	05 33 30	15 28 20	15 26 05	15 17 05	
	09 05 35	12 04 05	08 29 10	09 31 40	10 35 50	09 34 10	10 29 15		18 23 05	21 13 10	
	12 05 30	15 01 05	10 29 10	12 29 40		12 33 20	15 26 30		27 18 10	24 24 05	
	15 05 30	18 20 15	12 33 05	15 30 45		15 27 30	20 24 30		33 20 05	30 22 05	
	18 04 30	21 22 15		18 30 25		18 32 25			39 28 10		
		24 22 15		21 26 20							
		27 22 15									

KASSALA 6h. 30m.	PORT SÛDÂN 7h. 15m.	EL OBEID	EL FÂSHER	GENEINA 7h.	MALAKAL
09 20 15	09 17 20			09 21 25	
15 22 30	15 14 20			15 20 20	
21 23 35				21 13 05	
27 20 15				27 09 15	
33 09 15				33 09 15	
39 05 20					

UPPER AIR TEMP ALMÂZA AT 4h GMT ON 23rd

HEIGHT (feet)	PPP (mb.)	TT (°F)	[illegible] (°F)
Surface	998	87	64
500	980	66	63
1000	962	68	62
1500	945	69	59
2000	928	66	58
4000	862	66	51
6000	800	58	47
8000	741	51	36
10000	686	41	31
12000	635	34	29
14000	586	24	19
16000	541	13	11

CYPRUS SYNOPTIC 8h ON 23rd

34807 02797 32127 09241 3X101 00/90
347XX 02BXX 12227 08277 XXXXX 00XXX

Remarks

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

Mean of day

Station	Humidity % on 22nd	Diff from normal	Wet bulb temp °C on 22nd	Diff from normal
Alexandria	61	-10	16.6	-2.5
Ezbekiya	37	-13	19.2	+0.3
Giza	32	-18	19.1	+0.5
Helwan	35	-3	18.6	+1.8

GÎZA — Grass minimum temp on 23rd 15.4°C

CAIRO — Water temp River Nile at 8h on 23rd 24.7°C

Discharges at Aswan measured by sluices m³ per sec	Date	1946	1945
	23-5	1157	1042
	22-5	1157	1042

Gauge	Date 1946	Reading m	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.02	-0.55
Nâsser	5			6.10	-0.35
Malakâl		9.86	-0.39	9.84	-0.38
J. Aulia Res		—	—	370.80	—
J. Aulia D S		—	—	370.35	-0.17
Roseires		11.52	-0.60	11.54	-0.53
Sennar Res.				10.04	—
Khartûm		9.90	-0.36	9.90	-0.31
Kh. el Girba					
Atbara		10.01	+0.04	10.03	+0.05
Kaj Arit		132.46	+0.10	132.10	+0.14
Aswân Res.	23	118.59	—	118.68	—
Aswân D S		85.46	-0.38	85.46	-0.37
Roda (Cairo)		16.49	+1.01	16.49	+1.01

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

WIND FORCE (F)

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

WIND DIRECTION (DD)

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

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

ANNUAL SUBSCRIPTION P.T. 150

Cairo
Time of Sunrise h. 04 m. 57
Sunset h. 18 m. 47

Month MAY 1946 — شهر مايو ١٩٤٦

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h on THURSDAY 23rd (الساعة ١٤ يوم ٢٣) — At 20h on 23rd (الساعة ٢٠ يوم الخميس ٢٣)

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	00	0	0	0	—	10.3	22.8	72	0	00	8	00	0	0	0	—	10.6	20	78	0	131
Mariut	00	7	30	4	0	0	—	9	24	74	0	00	7	29	2	1	1	1	10	21	83	0	150
Alexandria	00	9	02	4	0	0	—	9.0	24.9	75	0	00	5	32	1	0	0	—	11.1	21.6	86	0	132
Damietta	00	7	02	3	1	2	3	7.5	26.4	59	0	00	7	28	2	1	0	—	8.6	22.5	87	0	159
Port Saʿîd	01	8	02	3	1	3	1	7.2	27.6	67	0	00	8	28	3	0	0	—	8.8	22.8	79	0	134
El ʿArîsh	03	9	28	1	5	8	4	6.3	26.1	67	dr.	00	9	00	0	0	0	—	7.2	21.1	97	0	135
LOWER EGYPT Damanhûr	00	6	08	4	1	0	—	7.2	30.8	42	0	00	6	04	3	0	0	—	9.9	20.6	72	0	136
Mansûra	00	8	02	2	1	0	—	7.2	32.5	36	0	00	6	02	1	0	0	—	9.2		66	0	137
Tanta	00	8	32	1	0	2	8	7.0	32.0	38	0	00	8	00	0	0	0	—	9.4	23.6	62	0	138
Zagazig	01	6	32	3	1	3	8	6.3	33.5	33	0	00	6	16	2	1	0	—	9.5	24.5	63	0	139
Shebîn el Kôm	01	8	02	3	1	4	3	7.1	34.6	31	0	00	7	02	2	0	0	—	8.0	25.3	54	0	—
MIDDLE EGYPT Cairo Almaza	01	8	04	1	0	3	8	5.8	32.4	30	0	00	7	04	3	0	0	—	8.2	28.2	35	0	141
Cairo Ezbekîya	00	8	30	2	0	2	8	6.4	31.9	40	0	00	7	02	3	0	0	—	9.4	29.2	33	0	—
Cairo Gîza	00	8	02	2	1	2	8	6.2	31.7	35	0	00	7	02	2	1	0	—	8.4	27.8	33	0	—
Helwân	00	7	28	1	0	0	—	6.2	31.4	41	0	00	7	32	3	0	0	—	7.8	28.2	35	0	143
Suez	01	9	32	2	6	4	3	6.4	29.0	44	1	00	9	30	1	0	0	—	8.2	26.0	54	0	144
UPPER EGYPT Faiyûm	00	8	30	2	1	0	—	6.2	29.3	50	0	00	8	32	2	1	0	—	7.2	29.4	43	0	153
Minya	00	9	24	2	1	0	—	6.2	35.0	28	0	01	8	32	2	1	3	3	7.9	29.0	34	0	154
Asyût	00	8	30	1	0	0	—	7.2	33.2	29	0	00	6	28	1	0	0	—	7.1	29.3	36	0	155
Nag Hamâdi	00	8	32	1	0	0	—	5.6	33.4	28	0	00	8	00	0	0	0	—	6.8	27.7	40	0	164
Qena	00	9	22	3	0	0	—	4.2	38.2	20	0	01	6	28	2	0	4	1	5.9	31.4	16	0	156
Luxor	00	7	30	3	0	0	—	5.2	38.0	27	0	00	6	28	1	0	0	—	6.6	31.0	32	0	157
Aswân	00	9	24	1	0	0	—	3.6	39.8	11	0	00	9	32	2	0	0	—	5.6	36.5	12	0	158
WESTERN DESERT Sîwa	00	8	00	0	0	0	—	12.0	32.5	43	0	00	—	00	0	0	0	—	10.4	29.0	40	0	148
Baharîya	00	9	32	1	0	0	—	8.0	33.0	34	0												149
Khârga	00	9	32	1	0	0	—	8.0	36.2	12	0	00	—	32	1	0	0	—	7.5	30.9	25	0	151
Dâkhla	00	9	28	3	0	0	—	8.0	34.0	31	0	00	7	28	1	0	0	—	9.9	27.6	42	0	152
RED SEA Tôr	00	7	28	4	0	0	—	4.6	34.7	53	0	00	7	28	4	0	0	—	5.2	27.4	83	0	145
Hurghâda	00	8	06	1	0	0	—	—	30.6	49	0	00	8	04	1	0	0	—	6.4	28.5	57	0	146
Quseir	00	8	04	2	1	0	—	3.9	31.0	59	0	00	8	08	2	0	0	—	4.2	30.2	45	0	147
Port Sûdân	02	8	10	3	1	6	2,8	4	35	56													200
NORTH SÛDÂN Wâdi Halfa	00	7	30	3	0	0	—	4	41	12													165
Kareima	01	8	20	2	1	3	1	3	43	06													166
ʿAtbara	03	8	24	1	1	8	2	1	44	08													167
Khartûm	02	8	22	3	2	5	2	3	41	13													169
Kassala	81	7	10	3	0	5	9	3	42	21													170
CENTRAL SÛDÂN Wad Medani	00	8	24	3	3	0	—	2	41	28													171
Renk	00	8	20	3	0	0	—	—	38	25													182
Roseires	01	8	12	1	1	4	8	5	39	30													172
El Obeid	02	9	20	3	1	5	4,8	3	38	33													174
El Fâsher	02	9	04	2	1	7	2,8	—	38	14													175
Geneina	01	8	12	3	1	4	8,1	—	37	22													179
Kadugli	0b	8	20	3	0	1	1	6	36	33													187
S. SÛDÂN Malakâl	01	9	18	3	1	4	4	6	36	37													176
Wâu	01	8	16	3	1	5	4	6	34	44													177
Juba	01	8	32	1	1	4	8	8	35	44													178

At 8h. on FRIDAY 24th (الساعة ٨ يوم الجمعة 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.	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												—		—				98
Matrûh	03	9	12	3	2	8	5	8.4	-5.4	22.5	23	-2	16	-1	—	0	101	160
Mariut	05	5	14	1	4	0	—	11		20	26	—	16	—	88	0	187	138
Alexandria	02	7	14	2	1	7	2	11.2	-2.6	20.6	26	-1	19	0	89	0	170	185
Damietta	00	7	22	1	0	0	—	11.2	-1.8	25.5	28	—	19	—	67	0	81	105
Port Saʿîd	00	8	06	3	0	0	—	11.5	-1.0	24.8	29	+2	20	+2	64	0	71	79
El ʿArîsh	00	9	00	0	0	0	—	10.7	-2.4	26.1	29	+1	18	+2	72	dr.	—	93
LOWER EGYPT Damanhûr	00	6	20	3	0	0	—	10.7	-2.8	24.0	31	0	18	+2	75	0	92	141
Mansûra	00	8	16	1	0	0	—	11.4	-1.8	26.0	33	+1	17	0	62	0	66	54
Tanta	00	8	00	0	0	0	—	12.2	-1.4	22.0	32	-1	17	+1	88	0	86	43
Zagazig	00	6	16	2	0	0	—	11.8	-1.5	26.0	34	+1	17	+1	48	0	24	27
Shebîn el Kôm	41	7	28	2	4	2	8	11.2	-2.1	22.9	34	—	18	—	68	0	36	—
MIDDLE EGYPT Cairo Almaza	05	6	02	1	0	1	1	10.7	-2.2	24.9	34	—	18	—	62	0	10	—
Cairo Ezbekîya	09	5	00	0	0	1	1	11.1	-1.8	24.2	35	+2	19	+1	69	0	22	26
Cairo Gîza	09	6	26	1	1	2	5	11.2	-1.7	23.3	34	+1	17	+2	75	0	41	26
Helwân	05	6	00	0	0	2	1	11.0	-1.8	23.8	34	+1	18	0	61	0	20	29
Suez	00	9	28	1	0	0	—	11.4	-0.9	24.8	31	-2	18	-1	62	0	—	17
UPPER EGYPT Faiyûm	01	8	02	1	1	4	1	10.6	-2.1	25.2	33	-2	19	+1	60	0	13	8
Minya	01	9	32	2	1	4	2	10.3	-1.7	24.0	35	0	17	-1	49	0	dr.	—
Asyût	00	7	28	1	0	0	—	10.8	-1.1	29.1	34	-2	20	0	39	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	9.6	-0.9	27.0	34	—	20	—	45	0	1	—
Qena	00	8	22	2	0	0	—	9.1	-1.2	27.4	40	+1	21	0	30	0	13	—
Luxor	00	7	28	2	0	0	—	9.1	-1.0	30.8	39	-1	20	-1	33	0	0	—
Aswân	01	9	28	1	1	4	1	8.8	-1.5	29.0	—	—	—	—	25	0	dr	—
WESTERN DESERT Sîwa	00	7	08	3	0	0	—	9.4	-4.7	25.2	35	0	20	+3	51	0	5	8
Baharîya	00	9	32	1	0	0	—	11.6	-1.6	27.0	35	0	18	0	56	0	0	7
Khârga	00	9	32	3	0	3	1	10.0	-0.8	27.3	37	-2	23	+1	62	0	1	—
Dâkhla	00	8	04	1	0	0	—	10.4	-1.5	28.0	35	-3	21	+1	39	0	0	—
RED SEA Tôr	00	7	28	4	0	0	—	8.7	-1.5	26.2	30	-2	21	0	63	0	0	13
Hurghâda	00	8	30	4	0	0	—	8.3	-2.1	28.2	32	-1	22	+1	41	0	1	3
Quseir	00	8	30	2	0	0	—	7.4	-2.7	28.0	32	0	24	0	53	0	11	4
Port Sûdân	01	8	14	2	1	5	4,1	5		33					42	0	18	97
NORTH SÛDÂN Wâdi Halfa	00	8	02	1	1	2	1	9		28					20	0	tr	—
Kareima	00	8	04	3	0	0	—	7		33					14	0	7	2
ʿAtbara	01	8	32	2	0	4	1	5		33					14	0	8	6
Khartûm	01	7	22	3	2	4	4,5,3	6		33					23	0	3	7
Kassala	02	8	20	3	8	5	4,5,2	6		34					34	dr	31	21
CENTRAL SÛDÂN Wad Medani	02	9	16	3	1	8	5	8		31					43	0	13	22
Renk	00	8	20	3	0	0	—	7		31		—		—	52	—		80
Roseires	02	8	16	2	1	6	0	11		28					58	2	125	98
El Obeid	02	8	10	1	1	8	4	8		31					49	0	44	31
El Fâsher	01	9	00	0	1	4	4,2	—	—	31					38	0	2	13
Geneina	01	9	22	2	1	4	4,1	—	—	28		—		—	42	0	—	22
Kadugli	02	7	20	2	1	5	1	9		31		—		—	43	—	—	156
S. SÛDÂN Malakâl	02	8	00	0	1	6	2,4,5	10		29					59	0	213	177
Wâu	00	8	18	3	0	3	4	7		29					59	0	123	333
Juba	02	8	10	1	1	5	0,4,5	11		26					84	0	468	425

UPPER WINDS ON 23rd

Upper Winds are in the Code HHDDVV where HH is Height above 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 12h 45m	Almaza	Minya 13h	Luxor	Hurghâda	Wâdi Halfa 13h 15m	Kareima 11h 30m	Khartûm 13h	Kassala 13h	El Obeid 12h 30m	Malakal 14h 45m	Juba 14h
		03 04 20		03 26 30			09 31 20	09 18 05	09 25 20	09 26 10	09 27 10	09 21 05	09 07 05
		06 02 15		06 35 10			12 29 30	15 22 10	15 29 15	21 24 10	15 24 25	15 21 15	15 11 10
		09 03 15		09 32 05				21 22 15	21 33 15	27 23 20	21 22 40	21 16 20	21 13 10
		12 36 05		12 30 30				24 21 10	24 35 20	33 17 05	27 23 05	27 16 20	
		15 25 05		15 31 40				30 23 05	30 02 15	39 20 05	33 05 20	33 24 15	
		21 26 15		18 31 30				39 29 10	39 02 15		39 05 30	39 07 20	
		24 25 10		21 30 30									
		27 23 15		24 31 40									
		30 23 25		27 31 35									

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 Saʿîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa 7h 15m	Abu Hamad 7h	Kareima 7h	Khartûm 7h
								09 02 25	09 04 35	09 02 25	09 29 20
								15 26 25	15 32 15	15 29 20	15 12 40
								21 20 10		21 27 15	
								27 25 10		27 20 10	
								33 27 10		33 20 25	
								39 25 15		39 19 15	

Kassala 7h	Port Sûdân 7h 45m	El Obeid 7h	El Fâsher 7h	Geneina 7h	Malakal 7h
09 30 45	09 21 10	09 22 30	09 09 05	09 29 15	09 22 10
15 18 15	15 17 20	15 20 15	15 20 15	15 28 15	15 20 20
21 12 10	21 21 15	27 26 20	21 19 20	21 31 15	21 20 10
27 09 05	24 21 15	33 01 20	24 18 10	27 14 10	27 21 15
33 23 35		39 02 25	33 17 10	33 07 05	33 24 10
			39 12 15	39 08 10	39 24 10

Upper Air Temp Almâza at 5h G.M.T. on 24th

Height Feet	PPP mb	TT °F	Td °F
Surface	1001	67	64
500	982	68	63
1000	964	70	56
1500	947	70	56
2000	930	70	56
4000	864	65	50
6000	801	56	43
8000	743	52	34
10000	688	44	29
12000	636	39	26
14000	588	30	24
15000	542	21	18

Cyprus Synoptic 8h. on 24th
34700 00890 22200 08271 40000 00150.
34800 01990 26312 09241 11803 04170.

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	-5	20.6	+1.4
Ezbekîya	48	-2	20.5	+1.8
Gîza	50	0	20.2	+1.5
Helwân	54	+16	20.0	+3.1

GÎZA — Grass Minimum Temp on 24th 15.2 °C

CAIRO — Water Temp River Nile at 8h on 24th 24.8 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1946	1945
24th	1157	1042
23rd	1157	1042

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24th	12.87	-0.70	12.96	-0.62
Nâsser		5.93	-0.62	6.01	-0.47
Malakâl		9.88	-0.40	9.86	-0.39
J. Aulia Res.				370.80	—
J. Aulia D.S.				370.75	-0.18
Roseires		11.54	-0.62	11.52	-0.60
Sennar Res.		9.40	—	9.76	—
Khartûm		9.86	-0.41	9.90	-0.36
Kh. el Girba				10.40	+0.11
Atbara		9.98	+0.02	10.01	+0.04
Kajnarti		132.03	+0.07	132.06	+0.10
Aswân Res.		118.45	—	118.59	—
Aswân D.S.		85.46	-0.40	85.46	-0.38
Roda (Cairo)		16.47	+0.99	16.49	+1.01

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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

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

CAIRO
Time of Sunrise 04 h. 57 m.
Sunset 18 h. 47 m.

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

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Friday 24th (الساعة ١٤ يوم ٢٤) — At 20h. on 24th (الساعة ٢٠ يوم الجمعة 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 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	03	9	12	3	2	8	5	7.4	31.6	25	0	00	8	12	3	0	0	—	4.4	29.0	46	0	131
MARIUT	01	7	30	2	1	4	1	10	29	31	0	01	7	06	2	1	3	4,5	8	24	74	0	150
ALEXANDRIA	01	8	08	2	2	4	1	9.9	28.4	61	0	01	5	10	2	2	3	8	8.8	25.7	59	0	132
DAMIETTA	00	8	12	3	1	2	3	10.4	29.9	41	0	02	7	12	2	2	6	6	9.5	25.0	72	0	159
PORT SA'ÎD	01	8	04	3	1	4	2	10.4	28.0	56	0	01	8	04	2	1	4	2	10.2	24.0	76	0	134
EL 'ARÎSH	01	9	32	1	0	4	1	11.0	26.7	57	0	00	9	00	0	0	0	—	11.1	22.1	84	0	135
LOWER EGYPT																							
DAMANHÛR	01	6	20	3	1	3	1	—	31.4	42	0	01	6	08	3	1	3	1	11.9	21.4	68	0	136
MANSÛRA	01	8	12	1	1	4	0	9.8	34.0	32	0	00	6	08	2	1	0	—	10.0	27.0	66	0	137
TANTA	00	8	00	0	0	0	—	9.5	34.4	24	0	00	8	00	0	0	0	—	9.8	28.0	41	0	138
ZAGAZIG	01	6	16	2	1	5	8	8.0	33.4	22	0	00	6	32	2	0	0	—	9.5	27.2	46	0	139
SHEBÎN EL KÔM	00	8	04	3	0	2	8	8.8	34.9	27	0	00	7	04	1	0	3	6	9.1	29.2	38	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	8	10	2	1	4	4	7.9	35.1	17	0	01	7	06	3	1	3	4	8.2	32.0	20	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	3	3	7.5	35.7	14	0	00	7	02	2	0	0	—	9.4	29.5	35	0	—
CAIRO GÎZA	00	8	30	2	1	2	8	8.4	35.7	17	0	00	7	04	1	1	0	—	8.8	29.9	29	0	—
HELWÂN	00	8	00	0	0	3	1	8.9	35.0	16	0	00	6	02	2	0	1	1	8.2	31.7	15	0	143
SUEZ	00	9	02	1	0	3	2	10.6	33.0	21	0	00	9	32	1	0	0	—	10.2	28.4	35	0	144
UPPER EGYPT																							
FAIYÛM	01	8	02	1	1	4	1	9.2	34.8	21	0	01	8	30	1	1	4	1	8.3	29.6	39	0	153
MINYA	01	9	32	2	1	4	3	8.6	35.1	23	0	01	9	32	1	1	4	2	8.4	30.9	27	0	154
ASYÛT	00	8	20	1	0	0	—	8.2	36.9	22	0	00	6	26	1	0	0	—	7.8	32.0	24	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	7.8	36.6	22	0	00	8	00	0	0	0	—	7.9	28.0	39	0	164
QENA	01	8	06	2	0	4	1	6.7	39.0	15	0	00	6	24	1	1	0	—	6.8	29.2	31	0	156
LUXOR	00	7	30	2	0	0	—	7.2	40.0	22	0	00	6	32	1	0	0	—	6.8	29.0	29	0	157
ASWÂN	00	9	32	2	0	0	—	6.2	37.0	10	0	00	9	00	0	0	0	—	6.3	35.0	10	0	158
WESTERN DESERT																							
SÎWA	00	8	12	4	0	0	—	8.3	38.5	30	0	00	—	12	3	0	0	—	5.6	36.0	33	0	148
BAHARÎYA												00	—	00	0	0	0	—	—	28.0	57	0	149
KHÂRGA	00	9	04	2	0	3	1	9.8	36.4	12	0	00	9	00	0	0	3	1	9.1	32.1	18	0	151
DÂKHLA	00	9	12	1	0	0	—	9.1	36.0	33	0	00	7	04	1	0	0	—	9.3	30.0	36	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	10.8	27.2	57	0	00	7	28	4	0	0	—	8.8	26.9	54	0	145
HURGHÂDA	00	8	02	4	0	0	—	8.7	29.6	50	0	00	8	04	1	0	0	—	8.8	26.8	35	0	146
QUSEIR	00	8	02	2	0	0	—	8.3	31.2	48	0	00	8	02	2	0	0	—	8.7	29.2	45	0	147
PORT SÛDÂN	01	8	04	4	1	4	1	5	34	62	0												208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	2	1	5	40	06	0												165
KAREIMA	00	8	32	3	0	0	—	4	42	08	0												166
'ATBARA	00	8	28	3	1	0	—	1	44	08	0												167
KHARTÛM	01	7	30	3	1	4	1	2	42	08	0												209
KASSALA	02	8	08	2	1	6	8,2	1	42	17	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	24	2	1	4	0	2	41	17	0												171
RENK	01	8	18	3	1	5	8	—	—	—	—												182
ROSEIRES																							172
EL OBEID	02	9	26	2	1	8	8,2	1	39	36	0												174
EL FÂSHER																							175
GENEINA	01	8	22	2	0	4	8	—	37	19	0												179
KADUGLI	02	7	20	3	1	5	9	4	38	29	0												187
S. SÛDÂN																							
MALAKÂL	02	8	14	3	1	8	4,5	8?	26	—	0												176
WÂU																							177
JUBA	10	8	00	0	1	5	8	7	32	55	0												178

At 8h. on Saturday 25th (الساعة ٨ يوم السبت ٢٥)

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. 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												—		—				98
MATRÛH	02	—	28	3	1	6	4	9.6	-4.2	21.0	37?	+12	16	-1	82	0	101	160
MARIUT	05	6	14	2	0	5	0,1	6	—	24	34	—	19	—	74	0	187	138
ALEXANDRIA	02	6	24	2	2	7	2	8.6	-5.2	21.0	33	+6	19	0	88	0	170	185
DAMIETTA	00	7	14	3	1	1	3	8.0	-4.9	27.5	30	—	23	—	54	0	81	105
PORT SA'ÎD	00	8	10	3	0	3	2	8.6	-3.9	26.2	29	+2	23	+4	62	0	71	79
EL 'ARÎSH	00	9	00	0	0	0	—	9.5	-3.6	27.4	28	0	16	0	40	0	—	93
LOWER EGYPT																		
DAMANHÛR	01	6	28	3	1	4	3	7.8	-5.7	28.0	35	+4	21	+5	46	0	92	101
MANSÛRA	01	8	04	1	1	4	0	8.2	-4.9	28.2	35	+3	19	+2	49	0	66	54
TANTA	01	8	00	0	0	4	8	7.8	-5.7	27.4	35	+2	19	+3	44	0	86	43
ZAGAZIG	01	6	32	2	1	5	9	7.1	-6.2	27.5	34	+1	21	+5	49	0	24	27
SHEBÎN EL KÔM	00	8	12	2	0	1	1	6.4	-7.0	28.2	36	—	19	—	37	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	8	17	3	0	5	4	5.8	-7.1	35.7	37	—	26	—	22	0	10	—
CAIRO EZBEKÎYA	05	5	16	3	0	5	1	6.6	-6.3	31.2	37	+3	23	+5	29	0	22	26
CAIRO GÎZA	01	7	18	1	1	5	8	6.4	-6.5	29.5	36	+3	19	+4	30	0	41	26
HELWÂN	01	7	00	0	1	5	1	6.8	-5.9	30.8	37	+4	25	+7	23	0	20	29
SUEZ	00	9	16	1	0	0	—	9.1	-3.2	29.6	34	+1	22	+3	38	0	—	17
UPPER EGYPT																		
FAIYÛM	01	8	14	2	1	4	2	7.4	-5.3	31.3	37	+2	21	+3	25	0	13	8
MINYA	01	9	20	2	1	4	3	8.2	-3.8	30.0	38	+3	21	+3	25	0	dr	—
ASYÛT	00	7	14	2	0	0	—	8.0	-3.8	30.0	39	+3	20	0	31	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.5	-0.9	29.7	37	—	19	—	40	0	1	—
QENA	00	8	04	1	0	0	—	9.2	-1.0	28.4	41	+2	20	-1	29	0	13	—
LUXOR	00	7	28	1	0	0	—	9.6	-0.4	31.6	41	+1	21	0	30	0	0	—
ASWÂN	00	9	02	2	0	0	—	8.6	-1.7	29.2	40	0	22	-2	22	0	dr	
WESTERN DESERT																		
SÎWA	00	7	28	4	0	0	—	11.4	-2.7	23.0	40	+5	20	+3	55	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	9.2	-4.0	30.2	38	+3	20	+2	46	0	0	7
KHÂRGA	00	9	00	0	0	0	—	—	—	26.6	37	-2	20	-2	32	0	1	—
DÂKHLA	00	8	04	1	0	0	—	9.4	-2.4	28.5	39	+1	18	-3	38	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	—	9.4	-0.7	27.5	28	-4	19	-2	37	0	0	13
HURGHÂDA	00	8	32	3	0	0	—	9.9	-0.4	29.1	31	-2	21	0	34	0	1	3
QUSEIR	00	8	28	2	0	0	—	8.0	-2.0	31.2	32	0	23	-1	22	0	11	4
PORT SÛDÂN	00	8	00	0	0	0	—	7		33					38	0	18	97
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	—	9		22					15	0	tr	—
KAREIMA	00	8	04	3	0	0	—	7		33					10	0	7	2
'ATBARA	00	8	28	3	0	0	—	5		33					23	0	8	6
KHARTÛM	01	7	30	1	1	3	1	5		34					12	0	3	7
KASSALA	01	8	18	2	1	4	1	5		33					34	0	31	21
CENTRAL SÛDÂN																		
WAD MEDANI	03	9	20	4	1	8	1	6		35					32	0	13	23
RENK	00	9	18	3	0	0	—	7?		30		—		—	55	—	—	81
ROSEIRES	00	8	20	2	0	0	—	9?		30					59	0	125	100
EL OBEID	02	8	20	3	1	5	2	8		29					52	0	44	31
EL FÂSHER								—	—								2	13
GENEINA	01	9	00	0	1	3	1	—	—	27		—		—	52	—	—	23
KADUGLI	01	8	20	3	1	4	1	10		27		—		—	66	—	—	159
S. SÛDÂN																		
MALAKÂL	02	8	16	2	0	6	4,5	11		23					32	0	213	180
WÂU	01	8	20	2	1	5	4	10		24					79	0	123	338
JUBA	02	8	12	1	1	5	1	12		24					94	0	468	430

UPPER WINDS ON 24th

Upper Winds are in the Code HHDDVV where HH is Height above 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 12 h. 30 m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. 30 m.	KAREIMA 12 h. 30 m.	KHARTÛM 13 h. m.	KASSALA 13 h. m.	EL OBEID 12 h. 30 m.	MALAKAL 13 h. m.	JUBA 13 h. m.
					03 30 05		09 01 05	09 35 15	09 05 05	09 20 05	09 30 30	09 19 20	09 16 05
					06 32 05		15 29 10	15 27 15	15 05 10	15 21 45	15 31 15	15 21 05	15 15 05
					09 36 05		21 23 20	21 24 15	21 04 30	21 22 15	21 35 10	21 32 15	21 15 10
					12 02 05		27 22 30	24 22 15	24 05 20	27 24 20	27 36 05	27 03 20	27 13 15
					15 26 10		33 36 15	33 19 20	30 05 35		30 36 05		33 14 15
					18 32 15		39 31 20	39 21 20					39 12 20
					21 28 10								
					24 27 15								
					27 31 35								

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 7 h. m.	PORT SA'ÎD 6 h. 30 m.	HELWÂN 9 h. m.	MINYA 6 h. 30 m.	ASYÛT 7 h. m.	LUXOR 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 12 h. 30 m.
	03 26 20	03 18 20	02 18 20	03 13 25	02 12 20	03 20 05	02 01 10	09 05 40	09 05 25	09 03 40	09 03 35
	06 21 30	06 14 20	05 17 35	06 15 15	05 10 10	06 11 15	05 07 25	15 03 15	15 02 20	15 35 20	15 03 40
	09 22 35	09 19 15	08 18 50	09 16 20	10 11 20	09 11 15	10 05 15	21 08 20	21 07 05	21 29 25	18 03 30
	12 22 30	12 23 30	10 19 50	12 18 30	15 14 20	12 09 15	15 07 10	27 09 15	27 08 05	30 19 20	
	15 20 30	18 18 25		15 20 30	20 16 35	15 11 15	20 06 25	33 04 20	33 09 15	39 16 25	
	21 20 40	21 10 25		21 17 25		18 06 15	25 06 25	39 22 10	39 16 10	51 15 10	
	24 20 70			27 19 25		24 01 55		51 02 30			
	27 19 60			30 20 25		30 03 15		57 35 30			
	30 20 65					36 02 05		63 33 30			

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7 h. m.
09 20 20	09 01 40				09 18 25
15 25 25	15 06 30				15 17 30
21 20 15	21 13 25				21 16 30
27 10 20	27 17 20				27 05 25
					33 02 35

UPPER AIR TEMP ALMÂZA AT 23h G.M.T. ON 24-25th

HEIGHT FEET	PPP mb	TT °F	
Surface	997	78	63
500	980	86	60
1000	962	85	59
1500	945	83	59
2000	928	81	58
4000	862	75	50
6000	800	69	47
8000	741	60	43
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 25th
34800 01890 10327 10241 47501 00160.
347XX 018XX 06338 0924X XXXXX 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 24th	Diff from normal	Wet Bulb Temp °C on 24th	Diff from normal
Alexandria	73	+2	20.9	+1.6
Ezbekîya	50	-1	19.7	+0.6
Gîza	49	-1	19.6	+0.8
Helwân	35	-3	18.4	+1.5

GÎZA — GRASS MINIMUM TEMP ON 25th 15.3°C

CAIRO — WATER TEMP RIVER NILE AT 8h ON 25th 25.2°C

Discharges at Aswan measured by sluices m³ per sec. Date	1946	1945
25-5	1157	1042
24-5	1157	1042

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				12.87	-0.70
Nâsser	25			5.93	-0.62
Malakâl		9.86	-0.46	9.88	-0.40
J. Aulia Res.					
J. Aulia D.S.					
Roseires		11.62	-0.58	11.54	-0.62
Sennar Res.				9.40	—
Khartûm				9.86	-0.41
Kh. el Girba					
Atbara		9.98	+0.01	9.98	+0.02
Kajnarti				132.03	+0.07
Aswân Res.	25	118.39	—	118.45	—
Aswân D.S.	24	85.46	-0.42	85.46	-0.40
Roda (Cairo)		16.47	+1.00	16.47	+0.99

PRESENT WEATHER 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	55-66	8
Strong gale	66-77	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

CLOUD FORM (C)

Cirrus	1
Cirro-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. m. 04 56
Sunset h. m. 18 47

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

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h on Saturday 25th (الساعة ١٤ يوم ٢٥) / At 20h on 25th (الساعة ٢٠ يوم السبت ٢٥)

Region	Station	14h ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs.)	TTT (°C)	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	28	4	0	0	—	9.2	23.4	65	0	00	9	32	2	0	0	—	10.3	20.5	83	0	131
	MARIUT	02	7	28	4	2	6	4,8	10	24	69	0												150
	ALEXANDRIA	02	8	10	4	2	6	4	9.4	25.0	66	0	02	5	28	4	2	5	2	11.5	21.4	68	0	132
	DAMIETTA	02	8	10	3	1	5	5	6.8	33.0	41	0	14	6	30	5	2	7	5	8.6	22.0	84	0	159
	PORT SA'ÎD	01	8	06	3	1	4	4	7.1	28.4	58	0	14	7	26	4	2	4	2	8.3	22.9	86	0	134
	EL 'ARÎSH	01	9	02	3	0	3	1	7.2	31.1	41	0	01	9	24	3	1	3		6.6	25.0	68	0	135
Lower Egypt	DAMANHÛR	02	6	28	5	2	6	5	8.2	31.0	42	0	01	6	26	5	1	4	8	10.4	20.7	78	0	136
	MANSÛRA	01	8	20	1	1	4	6	7.1	37.5	24	0	01	6	30	3	1	4	6	9.4	22.4	77	0	137
	TANTA	02	8	24	2	1	5	8	6.8	35.1	30	0	01	8	28	3	1	5	8	10.8	22.1	68	0	138
	ZAGAZIG	01	6	16	2	1	5	8	5.9	37.0	18	0	00	6	30	2	0	0	—	9.8	22.2	73	0	139
	SHEBÎN EL KÔM	01	8	26	3	1	4	6	6.6	37.4	26	0	01	7	30	3	1	4	6	9.1	22.6	69	0	—
Middle Egypt	Cairo ALMAZA	01	8	20	4	2	4	1	6.0	40.0	25	0												141
	Cairo EZBEKÎYA	02	8	20	3	1	5	4	6.3	40.3	10	0	01	6	28	4	0	3	5	10.2	24.3	58	0	—
	Cairo GÎZA	01	8	22	3	1	5	8	6.4	41.7	11	0	00	7	30	4	1	2	5	9.8	23.7	61	0	—
	HELWÂN	01	8	22	3	0	5	1	6.3	38.7	08	0	01	7	30	6	1	5	2	9.2	24.1	60	0	143
	SUEZ	02	9	14	1	2	5	2	7.2	36.0	19	0	00	9	28	4	0	0	—	8.2	27.8	56	0	144
Upper Egypt	FAIYÛM	01	8	26	1	1	4	2	5.8	39.3	20	0	03	8	32	6	2	8	2	9.4	25.9	55	0	153
	MINYA	01	9	16	3	1	4	2	6.7	42.8	—	0	01	8	32	4	1	5	4	7.9	31.1	37	0	154
	ASYÛT	00	8	20	1	0	0	—	7.0	42.2	07	0	00	6	22	1	0	0	—	6.8	33.4	24	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	6.7	39.7	21	0	00	8	00	0	0	0	—	7.2	31.6	27	0	164
	QENA	00	9	08	1	0	0	—	6.3	42.8	—	0	00	6	24	1	0	0	—	6.0	32.0	30	0	156
	LUXOR	00	7	22	2	0	0	—	6.4	43.5	22	0	00	6	28	1	0	0	—	6.0	32.3	27	0	157
	ASWÂN	00	9	32	1	0	0	—	5.2	42.3	07	0	00	9	00	0	0	0	—	5.0	37.0	10	0	158
Western Desert	SÎWA	00	8	24	4	0	0	—	13.0	30.0	43	0	00	—	00	0	0	0	—	12.4	27.8	45	0	148
	BAHARÎYA	00	9	00	0	0	0	—	7.8	36.0	20	0	00	—	00	0	0	0	—	10.8	26.0	55	0	149
	KHÂRGA	00	9	16	1	0	0	—	8.2	42.4	—	0	00	—	32	1	0	3	1	7.8	33.2	21	0	151
	DÂKHLA	00	9	16	1	0	0	—	8.3	42.0	25	0	00	7	28	2	0	0	—	10.3	29.0	37	0	152
Red Sea	TÔR	00	7	16	4	0	0	—	8.2	31.5	48	0	00	7	16	4	0	0	—	6.2	30.1	46	0	145
	HURGHÂDA	01	6	06	2	1	4	2	9.2	33.2	28	0	00	6	32	2	0	0	—	7.5	28.4	45	0	146
	QUSEIR	00	8	32	2	0	0	—	7.9	34.0	31	0	00	8	02	2	0	0	—	7.2	32.0	28	0	147
	PORT SÛDÂN	00	7	04	4	0	0	—	6	35	53													169
North Sûdân	WÂDI HALFA	00	6	32	1	0	0	—	5	41	07													165
	KAREIMA	00	8	02	2	0	0	—	3	44	06													166
	'ATBARA	01	6	28	2	1	4	8	0	44	15													167
	KHARTÛM	00	7	02	3	0	1	1	1	43	12													168
	KASSALA	01	8	14	1	1	4	8,2	1	41	19													170
Central Sûdân	WAD MEDANI	02	6	20	3	1	8	1	—	37	43													171
	RENK	00	9	18	3	0	0	—	—	37	27													182
	ROSEIRES	01	8	18	2	0	4	8	7	38	29													172
	EL OBEID	02	8	02	2	1	6	2	3	38	11													174
	EL FÂSHER	02	9	12	2	1	6	2	—	38	31													175
	GENEINA	01	8	10	1	1	4	1	—	37	20													179
	KADUGLI	02	8	20	3	1	5	9	6	36	31													187
S. Sûdân	MALAKÂL	01	8	16	3	1	4	4	8	32	46													176
	WÂU																							177
	JUBA	02	8	12	1	1	6	8,4,5	9	31	59													178

At 8h on SUNDAY 26th (الساعة ٨ يوم الاحد ٢٦)

Region	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	Rain Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	SALÛM												—		—				98
	MATRÛH	03	9	28	4	2	8	6	13.1	-0.7	20.4	25	-1	17	0	78	0	101	160
	MARIUT	01	8	26	3	1	4	8	12	—	22		—		—	65	0	187	138
	ALEXANDRIA	01	9	28	3	2	4	8	12.8	-0.4	21.5	26	-1	19	0	70	0	170	185
	DAMIETTA	01	8	28	3	1	4	8	11.9	-1.0	22.2	34	—	20	—	72	0	81	105
	PORT SA'ÎD	02	8	28	3	2	5	8	12.0	-0.4	23.2	36	+3	20	+1	65	0	71	79
	EL 'ARÎSH	01	9	28	3	0	4	3	11.8	-1.2	22.8	34	+6	21	+5	74	0		93
Lower Egypt	DAMANHÛR	01	7	08	4	1	4	8	12.0	-1.5	22.0	31	0	17	0	68	0	92	101
	MANSÛRA	01	8	32	2	1	4	6	12.6	-0.5	22.8	38	+6	17	0	66	0	66	54
	TANTA	01	8	32	2	1	4	8	12.8	-0.7	22.3	35	+2	16	0	69	0	86	43
	ZAGAZIG	01	6	32	2	1	5	8	12.8	-0.4	23.2	38	+5	17	+1	65	0	24	27
	SHEBÎN EL KÔM	01	8	02	2	1	5	8	12.0	-1.3	22.2	39	—	18	—	71	0	36	—
Middle Egypt	Cairo ALMAZA	6											—		—		0	10	—
	Cairo EZBEKÎYA	49	6	32	3	1	4	8	12.7	-0.2	22.0	41	+7	19	+1	71	0	22	26
	Cairo GÎZA	01	7	02	2	1	4	8	12.8	0.0	22.1	42	+9	17	+1	71	0	41	26
	HELWÂN	00	6	32	2	0	1	8	12.4	-0.3	21.2	40	+7	17	-2	67	0	20	29
	SUEZ	01	9	30	1	1	4	3	13.0	+0.8	23.0	37	+4	20	+3	59	0	—	17
Upper Egypt	FAIYÛM	00	8	30	3	0	2	8	12.4	-0.3	22.0	41	+6	18	0	67	0	13	8
	MINYA	00	9	32	2	0	0	—	11.9	0.0	24.1	43	+8	20	+2	52	0	dr	—
	ASYÛT	00	8	30	1	0	0	—	11.5	-0.2	27.1	44	+8	21	+1	31	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	10.0	-0.3	26.9	41	—	23	—	44	0	1	—
	QENA	01	9	26	2	0	3	1	8.4	-1.8	30.0	44	+5	25	+3	30	0	13	—
	LUXOR	00	7	28	1	0	0	—	8.7	-1.3	32.4	45	+8	26	+3	18	0	0	—
	ASWÂN	01	9	28	3	1	4	1	7.4	-2.8	31.3	44	+4	27	+2	21	0	dr	-
Western Desert	SÎWA	00	7	00	0	0	0	—	15.6	+1.5	21.2	31	-4	16	-1	77	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	14.3	+1.1	27.3	38	+3	20	+2	55	0	0	7
	KHÂRGA	01	9	04	4	1	4	1	11.6	+0.9	25.6	43	+4	20	-2	41	0	1	—
	DÂKHLA	00	8	28	2	0	0	—	14.3	+2.5	26.0	44	+5	20	-1	47	0	0	—
Red Sea	TÔR	00	7	28	4	0	0	—	9.2	-0.8	28.2	32	0	19	-3	44	0	0	13
	HURGHÂDA	18	6	30	6	0	3	—	9.4	-0.9	26.7	35	+2	20	-1	54	0	1	3
	QUSEIR	00	8	32	2	0	0	—	6.6	-3.4	28.6	35	+3	26	+2	65	0	11	4
	PORT SÛDÂN	01	9	10	1	1	4	4	6		34					53	0	18	97
North Sûdân	WÂDI HALFA	05	6	04	3	0	0	—	9		31					28	0	tr	—
	KAREIMA	00	8	04	4	1	2	4	5		36					08	0	7	2
	'ATBARA	01	6	18	2	1	3	4	4		37					26	0	8	6
	KHARTÛM	01	8	20	4	1	4	4	5		34					32	0	3	7
	KASSALA	18	7	18	4	0	3	1	7		32					41	0	31	21
Central Sûdân	WAD MEDANI	18	9	20	5	3	4	5	7?		33					41	0	13	23
	RENK	01	8	18	3	1	4	4	8?		26		—		—	—	—	—	83
	ROSEIRES	01	6	16	2	2	5	4	11?		27					52	70	195	102
	EL OBEID	00	4	20	5	0	3	4	7		32					41	0	44	32
	EL FÂSHER	00	9	30	1	0	3	1	—	—	27					45	0	2	14
	GENEINA	01	6	18	3	1	4	1	—	—	27		—		—	48	0	—	24
	KADUGLI	02	8	20	3	1	6	4	10		29		—		—	59	—	—	162
S. Sûdân	MALAKÂL	01	8	16	2	1	4	4,5	10		27					66	0	213	183
	WÂU	01	8	20	4	1	4	2	11		25					76	0	123	343
	JUBA	10	8	16	1	6	8	6,4	13		25					94	tr	468	435

Upper Winds are in the Code HHDDVV where HH is Height 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)

MATRÛH	MARIUT	PORT SA'ÎD 12h 30m	ALMÂZA	MINYA 13h	LUXOR	HURGHÂDA	WÂDI HALFA 13h	KAREIMA 13h	KHARTÛM	KASSALA 13h	EL OBEID 13h	MALAKAL 13h	JUBA 13h
		03 19 10		03 20 35			09 04 15	09 36 15		09 18 35	09 33 05	09 22 20	09 18 02
		06 22 25		06 22 45			15 07 10	15 35 10		15 14 05	15 01 05	15 17 15	15 17 15
		09 25 10		09 22 55			21 02 10	21 19 05		21 14 05	21 06 20	21 20 30	21 17 35
		12 23 25		12 22 45			27 04 10	24 16 15		27 13 05	27 05 25	24 19 30	27 14 20
		15 22 20		15 22 30			33 03 05	30 14 10		33 16 20	33 09 30		33 10 15
		18 22 60		18 24 25			39 33 05	39 17 35		39 14 20	39 09 25		
		21 21 50											
		24 20 50											

UPPER WINDS ON 26th (٢٦)

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN 8h 45m	MINYA 6h 45m	ASYÛT 7h	LUXOR	ASWÂN 7h	WÂDI HALFA 7h 15m	ABU HAMAD 7h	KAREIMA 7h	KHARTÛM 7h
			02 36 25	03 01 20	02 36 30		02 35 35	09 01 50	09 09 10	09 03 40	09 27 30
			05 01 30	06 31 55	05 01 60		05 35 45	15 02 25	15 04 10	15 03 35	15 01 15
			06 35 20	09 34 55	10 35 65		10 32 25	21 02 25	21 09 10	21 05 35	21 31 25
			10 35 45	12 34 35			15 34 20	27 02 20	27 05 10	27 03 30	24 05 30
				15 34 35			20 35 30	33 33 30	33 05 10	33 36 10	30 06 15
				18 27 30			25 32 15		39 07 10	34 35 15	39 10 20
				21 29 30							
				24 27 55							
				27 28 50							

KASSALA 6h 30m	PORT SÛDÂN 7h	EL OBEID 7h 15m	EL FÂSHER 7h	GENEINA 7h	MALAKAL 7h
09 26 20	09 02 10	09 23 50	09 27 15	09 23 20	09 22 30
15 24 15	15 05 30	15 28 25	15 24 05	15 25 30	15 22 30
21 25 20	21 06 20	21 33 20	21 05 10	21 30 05	21 19 30
27 25 55		27 03 25	33 05 30	27 31 05	27 22 20
33 01 95		33 05 35	34 05 40	33 32 05	33 27 10
				37 36 05	39 16 05

Upper Air Temp — Almâza at 23h G.M.T. on 25th

Height feet	ppp	TT	TdTd
Surface	1002	67	63
500	984	64	61
1000	966	62	60
1500	749	65	52
2000	932	66	49
4000	865	63	42
6000	803	58	46
8000	744	57	38
10000	689	49	32
12000	637	39	28
14000	584	29	23
15000			

CYPRUS SYNOPTIC 8h ON 26th
34766 06442 22462 06241 45366 06216.
34852 01842 26414 08211 72401 06184.

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	77	+6	19.4	0.0
Ezbekîya	42	-4	19.5	+0.3
Gîza	43	-7	19.6	+0.7
Helwân	39	+1	18.7	+1.7

GÎZA — GRASS MINIMUM TEMP ON 26th 13.7°

CAIRO — WATER TEMP RIVER NILE AT 8h ON 26th 25.3°

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	26-5	1157	1123
	25-5	1157	1042

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	26-5			12.74	-0.82
Nâsser		—	—	5.87	-0.76
Malakâl		9.89	-0.47	9.86	-0.46
J. Aulia Res.		—	—	—	—
J. Aulia D.S.		—	—		
Roșeires		11.56	-0.69	11.62	-0.58
Sennar Res.		8.81	—	9.17	—
Kharṭûm		—	—	9.94	-0.34
Kh. el Girba		—	—	10.39	0.00
'Atbara		—	—	9.98	+0.01
Kajnarti		—	—	131.99	+0.03
Aswân Res.		118.27	—	118.39	—
Aswân D.S.		85.46	-0.44	85.46	-0.42
Roda (Cairo)		16.45	+0.98	16.47	+1.00

PRESENT WEATHER (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

CAIRO

Time of Sunrise h. m. 04 56

Sunset h. m. 18 48

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

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on Sunday 26th — الساعة ١٤ يوم 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 8-14h mms
MEDITERRANEAN											
SALUM											
MATRUH	00	9	28	4	0	0	—	12.7	22.5	78	0
MARIUT	01	8	28	3	0	4	8	12	24	61	0
ALEXANDRIA	01	9	30	4	2	4	8	12.6	21.6	57	0
DAMIETTA	00	8	30	4	1	1	6	11.4	23.4	63	0
PORT SAID	00	8	28	4	0	0	—	11.1	25.7	59	0
EL ARISH	01	9	28	4	1	4	3	11.4	23.4	73	0
LOWER EGYPT											
DAMANHUR	01	7	04	4	1	3	8	11.8	25.0	60	0
MANSURA	01	8	24	2	1	4	8	10.7	28.6	45	0
TANTA	00	8	28	2	0	2	8	11.2	29.0	40	0
ZAGAZIG	01	6	16	2	1	5	8	10.7	29.0	39	0
SHEBIN EL KOM	01	8	30	3	1	4	8	10.6	29.4	37	0
MIDDLE EGYPT											
CAIRO ALMAZA	01	8	28	3	1	3	8	10.4	28.0	35	0
CAIRO EZBEKIYA	00	8	30	2	1	3	4	10.7	29.8	28	0
CAIRO GIZA	00	8	30	3	1	2	8	10.6	29.2	36	0
HELWAN	00	8	28	3	0	3	8	10.3	28.1	34	0
SUEZ	00	9	32	1	0	0	—	11.0	28.0	33	0
UPPER EGYPT											
FAIYUM	00	8	32	3	0	0	—	10.4	29.0	37	0
MINYA	00	9	32	2	0	0	—	10.8	31.4	28	0
ASYUT	00	8	30	2	0	0	—	9.2	32.2	26	0
NAG HAMADI	00	8	00	0	0	0	—	6.7	34.0	17	0
QENA	00	9	26	3	1	0	—	6.8	36.0	12	0
LUXOR	00	7	26	3	0	0	—	6.4	37.0	24	0
ASWAN	00	9	32	3	0	0	—	5.0	40.6	08	0
WESTERN DESERT											
SIWA	00	8	28	2	0	0	—	15.2	29.0	47	0
BAHARIYA											
KHARGA	00	9	32	2	0	0	—	9.8	38.3	06	0
DAKHLA	00	9	32	2	0	0	—	11.2	32.0	33	0
RED SEA											
TOR	00	7	28	5	0	0	—	7.5	28.8	50	0
HURGHADA	00	8	32	6	0	0	—	7.5	30.4	47	0
QUSEIR	00	8	32	3	0	0	—	5.9	30.3	57	0
PORT SUDAN	00	9	04	3	0	3	4	5	37	37	
NORTH SUDAN											
WADI HALFA	00	7	32	3	0	0	—	5	41	11	0
KAREIMA	00	8	32	4	1	3	4	2	43	08	
ATBARA	01	8	08	1	0	4	8	0	45	15	
KHARTUM	00	8	12	2	0	0	—				
KASSALA	00	8	22	3	0	2	2, 8	1	42	18	
CENTRAL SUDAN											
WAD MEDANI	01	8	20	3	1	3	4	1	42	17	
RENK	01	7	18	3	1	4	8	—	38	29	
ROSEIRES	01	8	16	5	1	4	6	7	35	39	
EL OBEID	01	8	24	4	1	5	2,4,8	2	40	24	
EL FASHER	00	9	32	2	0	2	8	—	39	21	
GENEINA	01	8	04	1	0	3	8	—	37	19	
KADUGLI	02	8	28	3	1	5	4	6	35	37	
S. SUDAN											
MALAKAL	01	8	18	2	1	4	2, 6	6?	35	32	
WAU											
JUBA											

At 20h. on 26th — الساعة ٢٠ يوم الأحد 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 14-20h mms	Station Number
SALUM												130
MATRUH	00	8	28	4	0	0	—	12.7	20.4	91	0	131
MARIUT	00	7	27	3	1	3	6	12	20	78	0	150
ALEXANDRIA	01	5	30	2	2	3	4	12.7	21.4	68	0	132
DAMIETTA	01	7	24	2	1	4	8	11.1	21.0	78	0	159
PORT SAID	01	8	28	3	0	3	8	11.8	21.0	74	0	134
EL ARISH	01	9	32	4	0	4	3	11.6	21.2	82	0	135
DAMANHUR	00	7	32	3	1	0	—	11.8	21.0	74	0	136
MANSURA	00	6	32	2	1	0	—	11.4	21.8	67	0	137
TANTA	00	8	04	1	0	0	—	12.2	21.1	58	0	138
ZAGAZIG	00	6	32	2	0	0	—	13.1	20.5	71	0	139
SHEBIN EL KOM	00	7	30	2	0	0	—	11.5	20.8	68	0	—
CAIRO ALMAZA	00	7	32	2	0	0	—	11.2	23.2	53	0	141
CAIRO EZBEKIYA	00	7	30	2	0	0	—	11.6	23.5	59	0	—
CAIRO GIZA	00	7	30	2	0	0	—	11.6	22.5	16	0	—
HELWAN	00	7	30	4	0	0	—	11.1	24.0	42	0	143
SUEZ	00	9	32	3	0	0	—	10.7	24.7	53	0	144
FAIYUM	00	8	32	2	0	0	—	10.3	25.9	43	0	153
MINYA	00	9	32	2	0	0	—	10.0	27.1	38	0	154
ASYUT	00	6	30	1	0	0	—	10.2	27.2	48	0	155
NAG HAMADI	00	8	00	0	0	0	—	—	27.7	39	0	164
QENA	00	6	26	3	0	0	—	6.8	30.2	29	0	156
LUXOR	00	6	28	3	0	0	—	7.4	30.9	28	0	157
ASWAN	00	9	32	3	0	0	—	6.4	37.0	10	0	158
SIWA	00	—	00	0	0	0	—	14.2	27.0	49	0	148
BAHARIYA	00	—	00	0	0	0	—	12.7	26.0	55	0	149
KHARGA	00	—	32	1	0	0	—	10.0	32.4	19	0	151
DAKHLA	00	7	32	2	0	0	—	13.1	25.0	51	0	152
TOR	00	7	28	4	0	0	—	7.4	24.5	66	0	145
HURGHADA	00	8	32	4	0	0	—	8.1	26.6	45	0	146
QUSEIR	00	8	32	3	0	0	—	6.6	28.6	51	0	147
PORT SUDAN												169
WADI HALFA												165
KAREIMA												166
ATBARA												167
KHARTUM												169
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FASHER												175
GENEINA												179
KADUGLI												187
MALAKAL												176
WAU												177
JUBA												178

At 8h. on Monday 27th — الساعة ٨ يوم الاثنين 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.	Min. Today °C	Min. Diff. from norm.	% Humidity	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALUM												—		—				98
MATRUH	00	9	28	4	0	0	—	12.8	-1.0	21.4	26	0	17	0	83	0	101	160
MARIUT	01	8	27	3	1	4	8	12.		23	25	—	19	—	65	0	187	138
ALEXANDRIA																	170	185
DAMIETTA	01	8	28	3	1	4	8	11.4	-1.4	22.1	24	—	18	—	76	0	81	105
PORT SAID	02	8	30	3	2	5	8	12.0	-0.4	24.0	26	-1	20	+1	69	0	71	79
EL ARISH	00	9	24	2	0	3	3	11.4	-1.6	24.8	25	-3	17	+1	64	0	—	93
LOWER EGYPT																		
DAMANHUR	01	7	28	3	1	5	8	11.5	-1.9	22.2	27	-4	18	+1	75	0	92	101
MANSURA	01	8	32	1	1	4	8	11.2	-1.8	23.0	29	-4	18	+1	70	0	66	54
TANTA	01	8	28	2	1	4	8	12.3	-1.2	22.2	30	-3	16	0	68	0	86	43
ZAGAZIG	01	6	24	2	1	5	8	12.2	-1.0	24.0	30	-3	15	-1	67	0	24	27
SHEBIN EL KOM	00	8	30	2	0	1	8	11.1	-2.2	22.8	30	—	17	—	67	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	7	30	2	1	5	6	12.4	[illegible]	21.4		—	17	—	70	0	10	—
CAIRO EZBEKIYA	02	6	30	2	1	6	6	12.6	-0.2	21.9	30	-4	18	0	69	0	22	26
CAIRO GIZA	09	6	30	2	1	5	8	12.6	-0.2	21.8	30	-4	16	0	72	0	41	26
HELWAN	05	6	32	1	2	8	8	12.6	-0.1	20.1	29	-4	17	-2	76	0	20	29
SUEZ	01	9	02	1	1	4	4	13.0	+0.8	22.6	32	-1	18	-2	63	0	—	17
UPPER EGYPT																		
FAIYUM	02	8	32	3	2	5	8	12.7	+0.1	21.9	30	-5	17	-1	69	0	13	8
MINYA	01	8	32	2	1	4	8	12.6	+0.7	22.4	32	-3	19	0	63	0	dr.	—
ASYUT	00	7	28	1	0	0	—	11.9	+0.2	23.5	34	-2	19	-1	51	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	10.8	+0.5	25.7	35	—	19	—	46	0	1	—
QENA	00	8	26	2	0	0	—	9.6	-0.5	26.8	40	+1	22	0	38	0	13	—
LUXOR	00	7	28	3	0	0	—	10.2	+0.3	27.6	40	±	22	+1	29	0	0	—
ASWAN	01	9	32	3	1	4	1	10.0	-0.2	27.1	42	+2	23	-2	27	0	dr.	—
WESTERN DESERT																		
SIWA	00	7	00	0	0	0	—	15.6	+1.6	23.0	21	-5	16	-1	66	0	5	8
BAHARIYA	00	9	00	0	0	0	—	15.1	+1.9	25.5	37	+2	20	+2	49	0	0	7
KHARGA	00	9	04	5	0	0	—	12.2	+1.6	23.6	38	-1	20	-2	65	0	1	—
DAKHLA	00	8	04	1	0	0	—	13.6	-1.8	25.0	34	-5	20	-2	51	0	0	—
RED SEA																		
TOR	00	7	28	5	0	0	—	—	—	24.1	30	-2	18	-4	66	0	0	13
HURGHADA	00	8	30	5	0	0	—	8.8	-1.4	25.0	33	0	20	-1	57	0	1	3
QUSEIR	00	8	32	5	0	0	—	7.5	-2.4	26.0	31	-1	24	-1	52	0	11	4
PORT SUDAN	01	9	32	3	1	4	4	6		29					55	0	18	97
NORTH SUDAN																		
WADI HALFA	01	8	02	2	0	3	4	10		27					22	0	tr.	—
KAREIMA	01	8	04	4	1	4	4	7		33					11	0	7	2
ATBARA	02	8	28	3	1	6	4,5	6		34					12	0	8	6
KHARTUM	02	7	16	4	1	6	4	6		32					21	0	3	7
KASSALA	01	8	16	2	1	4	2	6		34					29	0	31	22
CENTRAL SUDAN																		
WAD MEDANI	18	8	20	5	3	8	1	5		33					41	0	13	23
RENK	01	9	18	3	1	4	4	8		28		—		—	58	—	—	84
ROSEIRES	02	8	20	5	2	6	8	10		29					59	0	195	105
EL OBEID	02	9	00	0	1	6	4,5	7	—	30					38	0	44	32
EL FASHER	01	8	32	2	1	4	2	—	—	29					29	0	2	14
GENEINA	00	7	00	0	0	0	—	—	—	24		—		—	14	0	—	24
KADUGLI																	—	165
S. SUDAN																		
MALAKAL	02	9	14	2	1	7	4,5	11		23					78	0	213	186
WAU																0	123	348
JUBA	02	8	14	1	6	5	6,4	12		24					94	90	558	440

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.

MATRUH 13h	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA 13h 15m	KAREIMA 11h 30m	KHARTUM 13h	KASSALA 13h	EL OBEID 12h 30m	MALAKAL 13h	JUBA
03 29 25							09 35 35	09 03 25	09 30 15	09 22 25	09 24 35	07 17 15	
06 26 30								15 24 20	15 26 15	15 23 20	15 26 45	15 16 20	
09 29 25								21 02 20	21 07 10	21 25 35	21 30 40	21 21 15	
12 28 25								27 34 25	24 08 10	27 25 15	27 34 40	27 23 16	
15 28 35								33 01 05		33 27 20	33 07 20	33 25 05	
18 28 45								39 05 10					
21 28 60													

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.

MATRUH	MARIUT	PORT SAID	HELWAN 9h	MINYA 7h	ASYUT 7h	LUXOR	ASWAN 7h	WADI HALFA 7h	ABU HAMAD 7h	KAREIMA 7h	KHARTUM 7h
			02 33 15	03 01 20	02 32 35		02 35 30	09 01 55	09 35 65	09 36 45	09 18 25
			05 33 15	06 01 45	05 36 35		05 35 50	15 34 40	15 03 20	15 01 20	15 19 35
			08 34 25	09 34 40	10 35 50		10 35 55	21 29 30	21 01 30	21 36 25	24 10 15
			10 01 25	12 34 40	15 36 45		15 34 55	27 27 40		27 01 05	30 22 15
			13 01 30	15 34 40			20 35 25	33 27 50		30 36 05	
			Est.Co.				25 07 15	39 22 45		39 22 20	

KASSALA 6h 30m	PORT SUDAN 6h 45m	EL OBEID 7h	EL FASHER	GENEINA 7h	MALAKAL 7h 15m
09 21 25	09 36 15	09 28 45		09 27 10	09 20 30
15 25 30	15 04 05	15 31 20		15 34 20	15 17 35
21 25 20	21 09 10	21 04 30		21 01 20	21 17 35
27 32 15	27 09 10	27 07 25		27 05 20	27 19 25
		33 23 05		33 04 10	

UPPER AIR TEMP — ALMAZA at 24 G.M.T. on 27th

HEIGHT feet	PPP mb	TT	Td
Surface	1002	64	61
500	984	73	59
1000	966	61	58
1500	949	60	56
2000	932	58	54
4000	865	55	45
6000	803	51	36
8000	744	51	33
10000	689	44	31
12000	637	36	28
14000	599	33	26
	543	23	21

CIRRUS SYNOPTIC ON 27th

34766 01973 22454 08221 60001 97141

34823 01863 10213 08221 60601 00140

REMARKS

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

STATION	Humidity on 26th	Diff. from normal	Wet bulb temp on 26th	Diff. from normal
Alexandria				
Ezbekiya	63	+12	18.8	-0.5
Giza	41	-9	16.6	-2.4
Helwan	51	+13	17.4	+0.2

GIZA — GRASS MINIMUM TEMP on 27th 13.0°

CAIRO — WATER TEMP RIVER NILE at 9h on 27th 25.4°

Discharges at Aswan measured by sluices m³ per sec	1946	1945
27 - 5	1157	1273
26 - 5	1157	1123

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	27—5—1946				
Nasser				5.89	-0.81
Malakal		9.88	+0.50	9.89	-0.47
J. Aulia Res				370.80	
J. Aulia D.S				370.74	-0.22
Roseires		11.74	-0.54	11.56	-0.69
Sennar Res				8.81	
Khartum				9.84	-0.46
Kh. el Girba				10.37	-0.05
Atbara		9.99	-0.01	10.00	+0.02
Hajnarti		121.61	-0.14	121.93	-0.02
Aswan Res		118.14		118.27	
Aswan D.S		85.47	-0.48	85.46	-0.44
Roda (Cairo)				16.45	+0.98

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 „	[illegible]
500 „	[illegible]
1 kilometre	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
50 „	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	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

WIND FORCE (F)

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

WIND DIRECTION (DD)

On Scale 01-32 [illegible]

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

CAIRO
Time of Sunrise 04 h. 55 m.
Sunset 18 h. 49 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.O.

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on MONDAY 27th — الساعة ١٤ يوم الاثنين ٢٧ / At 20h. on 27th — الساعة ٢٠ يوم الاثنين 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	00	9	24	3	0	0	—	13.0	23.0	66	0	00	8	30	3	0	0	—	12.4	20.5	88	0	131
MARIUT	00	8	29	3	0	0	—	12	24	65	0	00	7	27	2	0	2	6	11	20	88	0	150
ALEXANDRIA	00	9	28	3	0	0	—	12.0	24.4	63	0	01	5	28	2	1	4	4	11.1	20.6	76	0	132
DAMIETTA	00	8	28	3	1	0	—	11.2	24.2	73	0	00	8	28	2	1	1	8	10.8	21.0	90	0	159
PORT SA'ÎD	00	8	02	3	0	2	8	11.6	24.0	64	0	00	8	28	3	0	0	—	11.1	21.3	81	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	11.1	23.5	78	0	00	9	28	4	0	0	—	11.1	21.3	87	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	3	1	0	—	11.2	27.8	48	0	00	7	04	3	0	0	—	11.2	20.6	78	0	136
MANSÛRA	01	8	02	2	1	3	8	10.8	29.0	40	0	00	6	32	2	1	0	—	11.1	22.8	76	0	137
TANTA	01	8	28	2	1	4	8	10.6	29.5	40	0	01	8	28	1	1	4	8	11.9	22.0	71	0	138
ZAGAZIG	01	6	32	2	1	5	8	10.8	29.2	41	0	00	6	32	2	1	0	—	11.8	20.5	71	0	139
SHEBÎN EL KÔM	01	8	28	2	1	4	8	9.0	33.4	23	0	00	7	30	2	0	0	—	10.3	23.9	57	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	7	02	3	1	4	8	10.7	28.9	41	0	00	7	02	2	0	0	—	10	27	45	0	141
CAIRO EZBEKIYA	01	8	30	2	1	5	8	10.8	29.1	42	0	00	7	02	2	0	0	—	10.7	25.5	53	0	—
CAIRO GÎZA	01	8	30	2	1	3	8	10.8	28.6	40	0	00	7	30	2	0	0	—	11.0	24.8	48	0	—
HELWÂN	01	7	32	3	1	5	8	10.4	27.7	38	0	00	7	32	3	0	0	—	10.4	26.5	38	0	143
SUEZ	01	9	02	2	1	4	8	10.8	27.9	40	0	00	9	32	2	0	0	—	11.8	23.7	56	0	144
UPPER EGYPT																							
FAIYÛM	01	8	02	3	1	4	8	10.4	28.0	39	0	00	8	30	1	0	0	—	10.0	25.4	48	0	153
MINYA	01	9	28	2	1	3	8	11.1	29.4	37	0												154
ASYÛT	00	8	28	1	0	0	—	10.0	29.1	35	0	00	6	30	1	0	0	—	9.4	27.1	39	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	9.2	31.4	28	0	00	8	00	0	0	0	—	9.4	28.2	38	0	164
QENA	00	9	26	2	0	0	—	9.2	35.3	16	0	00	6	26	2	0	0	—	7.1	29.2	29	0	156
LUXOR	00	7	30	3	0	0	—	7.1	35.0	32	0	00	6	28	3	0	0	—	7.6	28.8	41	0	157
ASWÂN	01	9	32	2	1	4	1	6.6	33.7	14	0	00	9	32	3	0	0	—	7.6	30.0	16	0	158
WESTERN DESERT																							
SÎWA	00	8	32	4	0	0	—	14.3	33.0	34	0	00	—	00	0	0	0	—	13.0	31.0	36	0	148
BAHARÎYA	00	9	00	0	0	0	—	11.0	31.5	32	0												149
KHÂRGA	00	9	32	2	0	0	—	9.8	31.1	17	0	00	—	32	3	0	0	—	10.6	28.3	22	0	151
DÂKHLA	00	9	32	2	0	0	—	11.4	31.0	37	0	00	7	32	2	0	0	—	12.9	24.0	55	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	8.2	25.9	73	0	00	7	28	5	0	0	—	6.3	26.8	82	0	145
HURGHÂDA	00	8	32	6	0	0	—	8.3	28.6	44	0	00	8	28	4	0	0	—	8.0	26.2	38	0	146
QUSEIR	00	8	32	5	0	0	—	7.1	28.5	49	0	00	8	32	4	0	0	—	7.6	27.4	40	0	147
PORT SÛDÂN	00	8	04	3	0	2	1	5	33	68													268
NORTH SÛDÂN																							
WÂDI HALFA	00	8	32	3	1	1	4	7	34	19													165
KAREIMA	00	7	32	3	1	0	—	5	41	07													166
'ATBARA	01	8	28	3	1	4	4	2	40	14													167
KHARTÛM	02	8	16	4	2	5	4,5	3	41	10													209
KASSALA	02	7	24	3	1	5	8	0	41	17													170
CENTRAL SÛDÂN																							
WAD MEDANI	18	6	20	4	3	8	1	2	40	20													171
RENK	01	9	18	3	1	4	4	4?	34	36													182
ROSEIRES	01	8	20	1	2	4	4	5	34	36													172
EL OBEID	02	7	32	1	1	7	2	3	38	25													174
EL FÂSHER	01	8	08	3	1	3	1	—	36	35													175
GENEINA	01	7	08	3	1	3	1	—	39	04													179
KADUGLI	02	8	20	3	1	6	4,2	7	34	41													187
S. SÛDÂN																							
MALAKÂL	02	8	18	3	6	8	6,4	10	27	66													176
WÂU	01	8	16	2	1	4	8,4	8	32	43													177
JUBA	01	8	16	2	1	4	9	8	32	50													178

At 8h. on TUESDAY 28th — الساعة ٨ يوم الثلاثاء 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	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												—		—				99
MATRÛH	00	9	28	2	0	0	—	10.4	-3.4	24.5	25	-1	17	0	32	0	101	160
MARIUT	00	7	29	1	0	1	1	12	—	23	24	—	18	—	65	0	187	138
ALEXANDRIA	00	9	28	2	0	0	—	12.2	-1.5	22.0	26	-1	19	0	74	0	170	185
DAMIETTA	00	7	18	2	1	2	8	12.0	-0.7	23.4	25	—	17	—	72	0	81	105
PORT SA'ÎD	01	8	18	3	1	4	8	12.3	-0.1	22.7	26	-1	19	0	68	0	71	79
EL 'ARÎSH	00	9	12	1	0	0	—	11.8	-1.1	25.2	25	-3	16	0	66	0	—	93
LOWER EGYPT																		
DAMANHÛR	01	7	12	3	1	4	8	11.8	-1.6	23.0	28	-3	16	-1	78	0	92	101
MANSÛRA	00	8	16	1	0	0	—	12.3	-0.7	23.2	30	-3	16	-1	69	0	66	54
TANTA	00	8	00	0	0	0	—	12.3	-1.1	22.8	30	-3	16	0	68	0	86	43
ZAGAZIG	00	6	16	2	0	0	—	12.8	-0.3	23.8	30	-3	17	+1	65	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	0	—	11.4	-1.8	22.6	34	—	18	—	63	0	36	
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	12.0	-0.8	22.0	30	—	18	—	72	0	10	—
CAIRO EZBEKÎYA	05	5	30	1	0	0	—	12.3	-0.5	23.3	32	-2	19	+1	65	0	22	26
CAIRO GÎZA	09	7	02	1	1	0	—	12.3	-0.5	22.6	30	-4	17	+1	68	0	41	26
HELWÂN	00	7	00	0	0	0	—	12.2	-0.4	21.9	29	-4	17	-2	68	0	20	29
SUEZ	00	9	30	1	0	0	—	12.8	+0.7	24.2	30	-4	20	0	60	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	12.3	-0.3	22.8	30	-5	18	0	66	0	13	8
MINYA	00	9	32	1	0	0	—	—	—	27.0	31	-4	18	-1	43	0	tr.	—
ASYÛT	00	7	30	1	0	0	—	11.0	-0.7	26.0	31	-5	20	0	48	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	10.3	+0.1	26.7	32	—	19	—	49	0	1	—
QENA	00	8	32	2	0	0	—	9.1	-0.9	26.0	36	-3	20	-2	45	0	13	—
LUXOR	00	7	28	3	0	0	—	9.8	0.0	28.0	35	-5	22	+1	39	0	0	—
ASWÂN	00	9	32	3	0	0	—	9.9	-0.2	26.0	36	-4	22	-3	30	0	tr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.5	-0.5	25.0	36	0	16	-1	54	0	5	8
BAHARÎYA																	0	7
KHÂRGA	00	9	32	3	0	0	—	12.2	+1.6	24.0	32	-7	21	-1	47	0	1	—
DÂKHLA	00	8	08	1	0	0	—	13.1	+1.3	26.0	32	-7	20	-1	54	0	0	—
RED SEA																		
TÔR	00	7	28	4	0	0	—	8.4	-1.5	24.9	27	-5	22	0	73	0	0	13
HURGHÂDA	00	8	32	5	0	0	—	10.7	+0.6	25.8	30	-3	20	-2	46	0	1	3
QUSEIR	00	8	32	6	0	0	—	9.1	-0.8	27.3	30	-2	24	-1	40	0	11	4
PORT SÛDÂN	02	8	28	2	1	7	2	8		31					62	0	18	97
NORTH SÛDÂN																		
WÂDI HALFA	00	8	03	2	0	0	—	11		26					37	0	tr.	—
KAREIMA	00	8	32	4	0	0	—	10		30					13	0	7	2
'ATBARA	00	8	24	3	1	0	—	9		26					40	0	8	6
KHARTÛM	05	6	20	2	0	3	4	9		30					43	0	3	7
KASSALA	00	8	16	3	1	2	4,1	9		28					31	0	31	22
CENTRAL SÛDÂN																		
WAD MEDANI	18	8	20	5	3	8	4	8		28					40	0	13	24
RENK	00	9	12	3	0	0	—	8?		30	—		—		49	—	—	85
ROSEIRES	01	8	20	1	0	5	4	11		27					58	0	195	107
EL OBEID	05	6	22	2	1	7	2	8		28					40	0	44	33
EL FÂSHER								—	—							0	2	14
GENEINA	00	7	00	0	0	0	—	—	—	25	—		—		[illegible]	—	—	25
KADUGLI	01	8	20	3	1	4	1	10		27	—		—		70	—	—	168
S. SÛDÂN																		
MALAKÂL	02	8	16	1	1	8	8,4	12		25					79	20	233	189
WÂU	01	8	18	3	1	4	4,2	11		24					84	0	123	353
JUBA	01	8	12	3	1	4	4,1	12		25					79	10	568	445

Upper Winds are in the Code HHDDVV where HH is Height 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	MARIUT	PORT SA'ÎD	ALMAZA	MINYA	LUXOR	HURGHADA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13h. m.	13h. 15m.	12h. 30m.	h. m.	h. m.	h. m.	h. m.	13h. 15m.	12h. 45m.	12h. 45m.	13h. m.	h. m.	13h. 30m.	13h. m.
033225	033015	033215					093675	093520	091930	092030		091830	092020
063335	063405	062920					153670	153505	151735	152535		151540	152015
093240	093420	093015					213630	210305	211205	212610			212010
123335	123625	153330						271910	241010	272405			271515
153240	153630	213330						332620	271020	332315			
183355	183435	243435						392620	300835				
213365		303320							391120				
243475		393335											
273470		453320											

UPPER WINDS ON 28th — الثلاثاء ٢٨

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h. m.	h. m.	6h. 30m.	9h. m.	h. m.	7h. m.	h. m.	7h. m.	7h. 15m.	7h. 15m.	7h. m.	
033015		032305	022810		023620		023515	093650	093520	090210	
063225		063005	053505		053630		053625	153530	152120	152215	
093140		093405	080615		103550		100130	271305	212230	211925	
123140		153330	103615				152510	332515	272145	271630	
153150		213330	153640				202615	392420	302035	301430	
183260		243230	203545				252820				
213270			233445								
243180			253455								
			263535								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 45m.	7h. m.	7h. 15m.	6h. 45m.	7h. m.	7h. m.
091940	092210	093310	090510	091040	092235
151440	151920	153515	150615	151025	152020
210610	211745	213520	211005	210720	212515
271955	241710	273530	272610	270520	272705
332735		333525	333420	330125	303605
		390115	390310	3902—	

UPPER AIR TEMP. ALMÂZA AT 23h. G.M.T. ON 27th.

HEIGHT FEET	PPP m.b.	TT	UU
Surface	1003	68	63
500	986	65	62
1000	968	64	61
1500	951	64	55
2000	934	64	59
4000	867	56	49
6000	804	56	37
8000	746	53	32
10000	690	45	28
12000	639	37	23
14000	590	28	21
16000	544	20	15

NOTES

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

Mean of day

STATION	Humidity % on 27th	Diff. from normal	Wet bulb temp. °C on 27th	Diff. from normal
Alexandria	70	-1	18.7	-0.9
Ezbekîya	59	+7	19.3	-0.1
Gîza	57	+7	18.7	-0.3
Helwân	54	+16	18.0	+0.8

GÎZA — GRASS MINIMUM TEMP. ON 28th 12.4° C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 28th 25.2° C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
28th	1157	1273
27th	457	1273

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28th			12.80	-0.74
Nâsser				5.95	-0.82
Malakâl		9.87	+0.54	9.88	+0.50
J. Aulia Res.				370.78	—
J. Aulia D.S.				370.74	-0.23
Roseires		11.76	-0.57	11.74	-0.54
Sennar Res.				8.54	—
Khartûm				9.82	-0.51
Kh. el Girba					
'Atbara		9.97	-0.06	9.99	+0.01
Kajnarti		131.67	-0.28	131.81	-0.14
Aswân Res.		118.06	—	118.14	—
Aswân D.S.		85.47	-0.48	85.47	-0.45
Roda (Cairo)		16.45	+0.99	16.45	+0.98

CYPRUS SYNOPTIC 8h. ON 28th.

34700 00990 20400 09241 50103 09140
34810 00961 10201 09231 40301 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	[illegible]
Variable sky	[illegible]
Mainly overcast	[illegible]
Sandstorm, Duststorm	3
Fog, thick dust haze	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Snow, sleet	[illegible]
Showers	[illegible]
Thunderstorm	[illegible]

VISIBILITY (V)

Objects not visible at 50 metres	0
200	[illegible]
500	[illegible]
1 Kilometre	[illegible]
2	[illegible]
4	[illegible]
10	6
20	[illegible]
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	4
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	7
Overcast	8
Fog or Dust	9

WIND FORCE (F)

	K.M. per hour	Beaufort
Calm	[illegible]	[illegible]
Almost calm	[illegible]	[illegible]
Very light	[illegible]	[illegible]
Light	[illegible]	[illegible]
Moderate	19-26	[illegible]
Fresh	27-35	[illegible]
Strong	36-44	[illegible]
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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

CAIRO Time of Sunrise h. m.
Sunset h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦ — 1417 F.C.

At 14h. on TUESDAY 28th (الساعة ١٤ يوم الثلاثاء ٢٨) and at 20h. on (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 8-14h 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	—	11.4	25.4	51	0	00	8	00	0	0	0	—	10.4	21.5	82	0	131
Mariut	05	6	28	2	0	0	—	11	27	52	0	00	7	06	1	0	0	—	12	21	74	0	150
Alexandria	00	9	20	2	0	0	—	11.9	25.4	56	0	00	5	00	0	0	0	—	12.4	22.2	66	0	132
Damietta	00	8	30	2	1	0	—	11.0	28.6	59	0	00	7	28	1	0	0	—	11.8	21.8	84	0	159
Port Sa'îd	00	8	02	3	0	0	—	11.2	27.4	60	0	00	8	02	2	0	0	—	12.4	22.4	80	0	134
El 'Arîsh	00	9	30	3	0	0	—	11.2	25.7	65	0	00	9	04	1	0	0	—	12.4	21.3	94	0	135
Lower Egypt																							
Damanhûr	00	7	04	3	1	0	—	10.8	31.6	42	0	00	7	04	2	0	0	—	11.2	22.4	68	0	136
Mansûra	00	8	30	1	0	0	—	10.8	31.8	36	0	00	6	32	2	0	0	—	11.8	24.6	62	0	137
Tanta	00	8	00	0	0	0	—	11.4	32.6	32	0	00	8	00	0	0	0	—	12.4	24.0	67	0	138
Zagazig	00	6	28	2	0	0	—	10.7	31.2	32	0	00	6	16	2	0	0	—	10.8	26.0	62	0	139
Shebîn el Kôm	00	8	30	2	0	0	—	10.4	33.6	29	0	00	7	02	2	0	0	—	11.2	26.2	41	0	—
Middle Egypt																							
Cairo Almaza	00	8	02	2	0	0	—	10.1	31.8	20	0	00	7	02	1	0	0	—	11.4	29.6	32	0	141
Cairo Ezbekîya	00	8	30	1	0	0	—	11.1	31.4	27	0	00	6	30	2	0	0	—	11.4	27.5	36	0	—
Cairo Gîza	00	8	02	2	0	0	—	11.0	32.7	24	0	00	7	30	1	0	0	—	12.0	28.3	35	0	—
Helwân	00	7	26	3	0	0	—	10.3	31.0	22	0	00	7	30	1	0	0	—	11.4	29.0	30	0	143
Suez	00	9	32	1	0	0	—	11.2	30.1	26	0	00	9	00	0	0	0	—	11.5	28.3	38	0	144
Upper Egypt																							
Faiyûm	00	8	32	3	0	0	—	10.4	32.0	28	0	00	8	32	1	0	0	—	11.2	27.7	36	0	153
Minya	00	9	32	3	0	0	—	9.9	33.9	20	0	00	8	32	2	0	0	—	10.4	29.6	21	0	154
Asyût	00	8	28	1	0	0	—	9.6	33.1	12	0	00	6	30	1	0	0	—	10.4	29.9	21	0	155
Nag Hamâdi	00	8	00	0	0	0	—	7.8	34.6	18	0	00	8	00	0	0	0	—	7.9	27.6	37	0	164
Qena	00	9	04	1	0	0	—	7.1	36.4	20	0	00	6	08	1	0	0	—	7.1	30.4	18	0	156
Luxor	00	7	30	2	0	0	—	7.8	36.0	25	0	00	6	32	1	0	0	—	7.5	28.0	33	0	157
Aswân	00	9	32	1	0	0	—	7.1	35.2	16	0	00	9	00	0	0	0	—	7.5	33.0	16	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	13.0	38.4	20	0	00	—	00	0	0	0	—	11.6	32.0	37	0	148
Bahariya	00	9	00	0	0	0	—	12.6	33.0	30	0	00	—	00	0	0	0	—	11.8	26.0	55	0	149
Khârga	00	9	32	4	0	0	—	10.2	34.4	13	0	00	—	04	2	0	0	—	10.3	26.8	30	0	151
Dâkhla	00	9	32	2	0	0	—	10.8	34.0	31	0	00	7	32	2	0	0	—	13.4	26.0	54	0	152
Red Sea																							
Tôr	00	7	28	4	0	0	—	9.9	27.1	72	0	00	7	28	3	0	0	—	8.2	27.5	70	0	145
Hurghâda	00	8	32	4	0	0	—	8.8	28.1	55	0	00	8	32	3	0	0	—	7.8	24.9	40	0	146
Quseir	00	8	32	4	0	0	—	7.7	29.8	42	0	00	8	32	2	0	0	—	7.4	27.2	44	0	147
Port Sûdân	01	8	06	3	1	4	2	6	33	65													169
North Sûdân																							
Wâdi Halfa	00	6	02	2	0	0	—	8	34	13													165
Kareima	00	8	26	3	0	0	—	6	37	10													166
'Atbara	05	6	24	4	0	0	—	4	39	16													167
Khartûm	05	6	18	4	0	1	4	4	38	27													168
Kassala	01	8	26	2	1	4	8	3	38	21													170
Central Sûdân																							
Wad Medani	02	8	12	3	1	8	4	3	38	21													171
Renk	00	9	18	3	0	0	—	—	37	27													182
Roseires	01	8	20	1	1	4	6	7	37	24													172
El Obeid	02	7	22	3	1	6	2	2	38	40													174
El Fâsher	00	8	04	2	0	0	—	—	36	31													175
Geneina	00	7	06	2	0	1	8	—	38	06													179
Kadugli																							187
S. Sûdân																							
Malakâl	01	7	18	2	1	4	8	7	32	41													176
Wâu	01	8	16	2	1	4	8,2	7	33	38													177
Juba	01	8	12	2	1	5	4	9	31	62													178

At 8h. on WEDNESDAY 29th (الساعة ٨ يوم الأربعاء 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												—		—				99
Matrûh	00	9	04	2	0	0	—	12.0	-1.7	22.0	25	-1	17	0	82	0	101	160
Mariut	00	8	00	0	0	0	—	12	—	25	28	—	16	—	61	0	187	138
Alexandria	00	8	00	0	0	0	—	12.7	-1.0	25.0	28	+1	20	+1	60	0	170	155
Damietta	00	8	14	1	0	0	—	12.3	-0.4	28.0	30	—	20	—	45	0	81	105
Port Sa'îd	00	8	18	2	0	0	—	12.6	+0.2	26.3	29	+1	20	+1	39	0	71	79
El 'Arîsh	00	9	04	1	0	0	—	13.0	+0.1	26.4	28	0	16	0	40	0	—	93
Lower Egypt																		
Damanhûr	00	6	28	2	0	0	—	12.2	-1.1	25.0	33	+2	17	0	67	0	92	101
Mansûra	00	8	16	1	0	0	—	12.2	-0.7	28.5	34	+1	18	+1	43	0	66	54
Tanta	00	8	16	1	0	0	—	12.3	-1.0	27.6	33	0	17	+1	46	0	86	43
Zagazig	00	6	16	2	0	0	—	12.8	-0.3	28.8	33	0	20	+4	50	0	24	27
Shebîn el Kôm	00	8	12	1	0	0	—	11.6	-1.6	27.3	34	—	19	—	50	0	36	—
Middle Egypt																		
Cairo Almaza	00	7	18	2	0	0	—	12.4	-0.4	30.7	34	—	21	—	23	0	10	—
Cairo Ezbekîya	00	6	18	2	0	0	—	13.0	+0.2	29.2	34	0	20	+2	37	0	22	26
Cairo Gîza	00	7	14	2	1	0	—	13.0	+0.3	27.5	34	0	17	+1	44	0	41	26
Helwân	00	7	12	1	0	0	—	13.1	+0.5	27.2	33	-1	20	+1	40	0	20	29
Suez	00	9	00	0	0	0	—	13.2	+1.1	26.5	33	-1	19	-1	49	0	—	17
Upper Egypt																		
Faiyûm	00	8	22	1	0	0	—	13.1	+0.5	28.6	34	-1	19	+1	40	0	13	8
Minya	00	9	30	1	0	0	—	12.4	+0.6	28.3	35	0	18	-1	35	0	dr	—
Asyût	00	7	00	0	0	0	—	13.0	+1.4	28.0	35	-1	21	+1	37	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	12.2	+2.1	28.0	36	—	16	—	43	0	1	—
Qena	00	8	24	1	0	0	—	12.3	+2.3	26.2	39	0	19	-3	31	0	13	—
Luxor	00	7	28	2	0	0	—	11.7	+2.1	29.0	38	-2	22	+1	24	0	0	—
Aswân	00	9	02	3	0	0	—	10.7	+0.7	27.0	37	-3	22	-3	23	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	13.4	-0.6	29.5	39	+3	22	+4	38	0	5	8
Baharîya	00	9	32	1	0	0	—	12.0	-1.1	25.0	36	+1	22	+4	53	0	0	—
Khârga	00	9	32	4	0	0	—	12.8	+2.3	28.4	35	-4	23	+1	30	0	1	—
Dâkhla	00	8	28	1	0	0	—	13.8	+2.1	28.0	37	-2	21	0	39	0	0	—
Red Sea																		
Tôr	00	7	28	4	0	0	—	11.5	+1.7	26.5	31	-1	23	+1	66	0	0	13
Hurghâda	00	8	30	3	0	0	—	10.7	+0.6	28.2	30	-3	18	-4	32	0	1	3
Quseir	00	8	32	4	0	0	—	7.5	-2.3	28.4	31	-1	25	0	49	0	11	4
Port Sûdân	00	9	00	0	0	1	3	9		33					47	0	18	97
North Sûdân																		
Wâdi Halfa	00	8	32	2	0	0	—	11		27					15	0	tr	—
Kareima	00	8	04	2	0	0	—	10		29					17	0	7	2
'Atbara	02	8	28	2	1	6	4,5	9		32					20	0	8	6
Khartûm	20	8	08	3	5	6	5	11		27					66	4	7	7
Kassala	02	8	22	2	1	5	4,5	9		31					38	0	31	23
Central Sûdân																		
Wad Medani	02	9	20	4	1	8	4	9		29					49	0	13	24
Renk	01	9	28	3	1	4	4	11		28		—		—	52	—	—	87
Roseires																0	195	109
El Obeid	18	6	08	5	1	5	4,2	11		27					52	0	44	33
El Fâsher	00	8	00	0	0	0	—	—	—	23					41	0	2	15
Geneina	00	9	04	4	0	0	—	—	—	27		—		—	09	0	—	26
Kadugli	01	8	20	3	1	4	1	10		29		—		—	52	—	—	171
S. Sûdân																		
Malakâl	02	8	16	3	1	6	4,5	10		28					70	0	233	192
Wâu	01	8	18	3	1	4	4	10		27					70	0	123	358
Juba	01	8	14	1	0	4	4,5	12		24					79	2	570	450

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 12h 30m	Mariut 12h 15m	Port Sa'îd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa 13h 15m	Kareima 12h 30m	Khartûm 13h	Kassala 13h	El Obeid 12h 30m	Malakal 13h 30m	Juba 13h 45m
03 34 15	03 23 10						09 33 15	09 34 25	09 15 35	09 30 10	09 21 40	09 22 15	09 20 20
06 25 20	06 30 20						15 21 05	15 30 16	15 16 35	15 33 15	15 20 20	15 22 15	15 19 15
09 28 20	09 29 30						21 22 15	21 26 20	21 13 50	21 29 05	21 30 05	21 26 15	21 22 15
15 28 45	12 29 25						27 22 20	27 20 20	24 11 45	27 27 20	27 01 20	27 21 10	27 14 16
21 28 55							33 21 25	33 21 30		30 28 15		33 17 05	33 11 15
30 30 55							39 24 30	39 22 35				39 12 10	39 09 05

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.

Cairo 8h 15m	Mariut	Port Sa'îd 6h 46m	Helwân 8h 30m	Minya 6h 45m	Asyût 7h	Luxor 8h	Aswân 7h	Wâdi Halfa 7h 15m	Abu Hamad 7h	Kareima 7h	Khartûm 7h
02 16 15		03 21 15	02 16 15	03 05 15	02 09 10	03 03 05	02 01 20	09 02 34	09 36 20	09 31 10	09 16 30
06 15 10		06 25 15	05 16 10	06 05 20	05 06 45	06 02 30	05 02 20	15 33 14	15 24 15	15 21 20	15 17 05
10 25 10		09 28 15	08 13 05	09 04 25	10 03 35	09 03 20	10 02 50	21 04 15	21 22 50	21 24 15	21 33 10
15 27 30		12 30 15	10 32 05	12 36 05	15 05 45	12 03 15	15 03 25	27 02 15	27 24 50	24 23 30	24 01 15
20 30 40		15 32 30	15 26 25	15 34 30		15 30 05	20 31 10	33 09 05		30 24 20	30 35 15
25 31 40		18 29 40		18 35 30		18 36 05	25 06 05	39 20 20			39 35 35
30 31 35		21 29 45		21 34 35		21 31 15		51 22 40			
35 32 45		24 29 45		24 35 05		24 36 25		63 23 20			
		27 30 40		30 01 35		27 01 40					

Kassala 7h	Port Sûdân 7h	El Obeid 7h	El Fasher	Geneina	Malakal 6h 45m
09 23 20	09 01 15	09 02 30			09 20 35
15 25 30	15 07 25	15 09 55			15 21 30
21 22 15	21 07 25	21 18 40			21 23 15
27 04 20	24 03 10	27 11 25			27 01 15
33 04 35	30 36 15	30 18 20			33 03 20
					39 04 35
					51 06 10

Upper Air Temp — Almaza at 23h G.M.T. on 28th

Height feet	PPP mb.	TT	
Surface	1002	73	64
500	984	75	62
1000	966	76	57
1500	949	76	56
2000	932	76	53
4000	865	70	51
6000	803	60	42
8000	744	50	36
10000	689	40	27
12000	637	31	23
14000	589	21	17
16000	543	16	13

Cyprus Synoptic 8h. on 29th
34710 01973 22203 12241 60002 00140
34810 01863 20143 13221 60201 00140

Remarks

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

Station	Humidity 28th	Diff. from normal	Wet Bulb Temp. 28th	Diff. from normal
Alexandria	69	-2	18.9	-0.8
Ezbekiya	48	-3	18.9	-0.5
Giza	49	-1	19.0	-0.1
Helwân	46	+7	18.1	+0.9

GIZA — Grass Minimum Temp. on 29th 14.0°C

CAIRO — Water Temp. River Nile at 9h. on 29th 25.4°

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
29-5	1157	1273
28-5	1157	1273

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29-5	—	—	13.02	-0.50
Nasser		—	—	6.12	-0.76
Malakâl		9.87	-0.56	9.87	-0.54
J. Aulia Res.		—	—	370.78	—
J. Aulia D.S		—	—	370.71	-0.28
Roseires		11.75	-0.59	11.76	-0.57
Sennar Res.		—	—	—	—
Khartûm		—	—	9.78	-0.59
Kh. el Girba		—	—	10.35	-0.11
Atbara		9.95	-0.09	9.97	-0.06
Kajnarti		131.56	-0.39	131.67	-0.28
Aswân Res.		117.93	—	118.06	—
Aswân D.S		25.47	-0.50	25.47	-0.48
Roda (Cairo)		16.49	+1.01	16.45	+0.99

Present Weather (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 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	55-66	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.

Cloud Form (C)

Cirrus	1
Cirro-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. m. 04 55
Sunset h. m. 18 50

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MAY 1946 — شهر مايو ١٩٤٦

At 14h. on WEDNESDAY 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 8–14h. mms
SALÛM											
MATRÛH	00	9	04	2	0	0	—	11.6	24.3	66	0
MARIUT	00	7	32	2	0	2	4	12	29	52	0
ALEXANDRIA	01	9	04	3	1	3	1	12.0	26.0	71	0
DAMIETTA	00	7	04	3	0	0	—	12.0	26.0	69	0
PORT SAÏD	00	5	04	3	0	0	—	12.3	26.5	59	0
EL ARÎSH	00	9	32	3	0	0	—	12.3	29.1	33	0
DAMANHÛR	00	6	04	4	0	3	3	11.1	36.7	27	0
MANSÛRA	00	8	32	2	0	0	—	10.7	37.8	16	0
TANTA	00	8	28	3	0	0	—	11.0	38.4	12	0
ZAGAZIG	00	6	16	2	0	0	—	11.0	37.2	18	0
SHEBÎN EL KÔM	00	8	20	4	0	0	—	10.3	39.3	13	0
CAIRO ALMAZA	00	8	26	3	0	0	—	10.8	37.0	12	0
CAIRO EZBEKÎYA	00	8	26	2	0	0	—	11.8	38.0	17	0
CAIRO GÎZA	00	8	18	2	0	0	—	11.5	38.7	10	0
HELWÂN	00	7	26	3	0	0	—	11.2	37.0	11	0
SUEZ	00	9	16	1	0	0	—	12.4	34.4	18	0
FAIYÛM	00	8	32	2	0	0	—	11.2	37.0	17	0
MINYA	00	9	02	1	0	0	—	12.0	37.7	15	0
ASYÛT	00	8	02	1	0	0	—	10.7	36.1	13	0
NAG HAMÂDI	00	8	00	0	0	0	—	9.1	37.8		0
QENA	00	9	32	2	0	0	—	8.3	39.4	10	0
LUXOR	00	7	30	3	0	0	—	9.4	40.0	22	0
ASWÂN	00	9	28	1	0	0	—	8.2	38.0	06	0
SÎWA	00	8	00	0	0	0	—	12.6	41.0	30	0
BAHARÎYA	00	9	32	1	0	0	—	11.8	34.0	31	0
KHÂRGA	00	9	32	3	0	0	—	10.7	42.6	02	0
DÂKHLA	00	9	32	2	0	0	—	11.6	37.2	29	0
TÔR	00	7	28	5	0	0	—	10.2	30.8	59	0
HURGHÂDA	00	8	32	3	0	0	—	9.4	31.6	27	0
QUSEIR	00	8	02	3	0	0	—	7.0	30.0	61	0
PORT SUDÂN	02	8	24	3	0	5	8,1	7.8	33	50	
WÂDI HALFA	00	8	02	3	0	0	1	9	38	09	
KAREIMA	00	8	24	3	0	0	—	7	39	07	
ATBARA	02	8	24	2	1	5	4	5	39	16	
KHARTÛM	02	8	22	2	2	5	8,1	8	36	31	
KASSALA	02	8	30	2	1	5	4	4	39	17	
WAD MEDANI	02	8	21	5	3	5	4	4	36	27	
RENK	02	9	12	3	2	6	8	7	25	70	
ROSEIRES	02	7	20	1	2	6	6,5	—	28	77	
EL OBEID	02	8	12	3	1	7	8	5	36	27	
EL FÂSHER	06	9	06	2	0	2	8	—	36	29	
GENEINA	20	9	04	2	0	2	8	—	37	08	
KADUGLI	02	8	28	3	5	0	4	6	35	35	
MALAKÂL	03	8	04	6	6	8	6	—	24	79	
WÂU	01	8	18	3	1	5	8,4	7	33	47	
JUBA	02	8	06	1	1	5	9,4	8	31	59	

At 20h. on 29th — الساعة ٢٠ يوم الأربعاء 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 14–20h. mms	Station Number
SALÛM												130
MATRÛH	00	8	04	3	0	0	—	11.6	20.5	89	0	131
MARIUT	00	7	04	1	0	0	—	13.	22	74	0	150
ALEXANDRIA	00	5	28	2	0	0	—	14.2	22.4	69	0	132
DAMIETTA	00	7	06	2	0	0	—	12.4	23.0	80	0	159
PORT SAÏD	00	8	04	2	0	0	—	13.0	23.2	66	0	134
EL ARÎSH	00	9	08	3	0	0	—	12.0	23.7	69	0	135
DAMANHÛR	00	7	04	3	0	2	8	12.3	24.2	78	0	136
MANSÛRA	00	6	04	1	0	0	—	12.8	24.8	79	0	137
TANTA	00	8	28	1	0	0	—	12.8	25.1	65	0	138
ZAGAZIG	00	6	32	2	0	0	—	13.6	24.5	63	0	139
SHEBÎN EL KÔM	00	7	02	2	0	0	—	11.4	28.2	51	0	—
CAIRO ALMAZA	05	6	04	2	0	1	4	11.9	31.2	44	0	141
CAIRO EZBEKÎYA	00	8	02	2	0	0	—	12.7	31.8	37	0	—
CAIRO GÎZA	00	7	02	2	1	0	—	12.7	29.9	46	0	—
HELWÂN	00	6	32	4	01	8	8	11.6	32.1	28	0	143
SUEZ	00	9	30	1	00	0	—	12.2	32.1	25	0	144
FAIYÛM	01	8	22	1	1	2	8	10.8	31.3	34	0	153
MINYA	00	8	30	1	0	0	—	10.6	33.0	19	0	154
ASYÛT	00	6	30	1	0	0	—	10.4	32.2	15	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	9.9	32.4		0	164
QENA	00	6	32	2	0	0	—	8.6	33.4	18	0	156
LUXOR	00	6	28	1	0	0	—	9.6	29.6	22	0	157
ASWÂN	00	9	32	2	0	0	—	8.7	35.0	05	0	158
SÎWA	00		00	0	0	0	—	11.2	35.2	38	0	148
BAHARÎYA	00		00	0	0	0	—	12.0	28.0	57	0	149
KHÂRGA	00		32	1	0	0	—	11.1	32.0	45	0	151
DÂKHLA	00	7	28	2	0	0	—	13.6	27.6	29	0	152
TÔR	00	7	28	5	0	0	—	9.1		55	0	145
HURGHÂDA	00	8	32	2	0	0	—	8.3	28.7	45	0	146
QUSEIR	00	8	32	2	0	0	—	7.1	28.2	54	0	147
PORT SUDÂN												169
WÂDI HALFA												165
KAREIMA												166
ATBARA												167
KHARTÛM												168
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

At 8h. on THURSDAY 30th — الساعة ٨ يوم الخميس ٣٠

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.	Temperature 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												—		—				99
	MATRÛH	00	9	08	2	0	0	—	14.4	+0.7	22.5	25	-1	17	0	78	0	101	160
	MARIUT	00	7	04	2	0	0	—	15		23		—	18	—	74	0	187	138
	ALEXANDRIA	00	9	04	3	0	0	—	15.1	+1.4	24.0	29	+2	20	+1	69	0	170	185
	DAMIETTA	00	8	30	3	1	0	—	14.4	+1.8	22.9	30	—	20	—	64	0	81	105
	PORT SAʿÎD	01	8	02	3	1	3	8	15.2	+2.9	23.8	31	+3	21	+2	76	0	71	79
	EL ʿARÎSH	01	9	04	3	0	4		13.8	+1.0	24.1	31	+2	16	0	80	0	—	93
LOWER EGYPT	DAMANHÛR	00	6	08	3	0	0	—	14.6	+1.2	24.6	38	+7	18	+1	62	0	92	191
	MANSÛRA	00	8	02	2	0	0	—	14.4	+1.5	24.5	39	+6	18	+1	72	0	66	54
	TANṬA	01	8	32	1	1	4	8	14.8	+1.5	24.6	38	+4	16	0	74	0	86	43
	ZAGAZIG	00	6	32	2	0	0	—	14.3	+1.3	25.0	38	+5	18	+2	76	0	24	27
	SHEBÎN EL KÔM	02	8	02	2	2	5	0	13.6	+0.5	20.8	40	—	17	—	86	0	36	—
MIDDLE EGYPT	CAIRO ALMAZA	05	6	02	1	0	0	—	13.9	+1.2	24.2	39	—	19	—	66	0	10	—
	CAIRO EZBEKÎYA	00	5	02	1	0	0	—	14.6	+1.9	25.2	39	+5	20	+2	60	0	22	26
	CAIRO GÎZA	00	7	04	2	0	0	—	14.7	+2.0	23.4	40	+6	17	+1	62	0	41	26
	HELWÂN	05	6	28	3	0	0	—	14.0	+1.5	26.7	38	+4	20	+1	38	0	20	29
	SUEZ	00	9	30	2	0	0	—	14.0	+2.0	26.8	38	+4	20	0	48	0	—	17
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	13.5	+1.0	30.5	39	+4	21	+3	45	0	13	8
	MINYA	00	8	12	1	0	0	—	12.8	+1.1	30.7	39	+4	21	+2	29	0	dr.	—
	ASYÛT	00	7	22	1	0	0	—	13.4	+1.8	29.5	38	+2	22	+2	24	0	0	4
	NAGʿ HAMÂDI												—		—			1	—
	QENA	00	8	28	1	0	0	—	12.2	+2.2	28.8	41	+1	21	-1	29	0	13	—
	LUXOR	00	7	28	2	0	0	—	12.4	+2.7	30.8	42	+2	19	-2	23	0	0	—
	ASWÂN	00	9	32	2	0	0	—	11.6	+1.6	28.0	40	0	23	-2	12	0	dr.	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	12.8	-0.2	26.8	42	+6	20	+2	50	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	14.8	+1.7	30.5	37	+1	22	+4	50	0	0	7
	KHÂRGA	00	9	04	3	0	0	—	12.6	+2.1	30.6	43	+4	24	+2	21	0	1	—
	DÂKHLA	00	8	32		0	0	—	13.9	+1.8	26.4	39	0	20	-1	30	0	0	—
RED SEA	TÔR	00	7	28	4	0	0	—	11.4	+1.6	27.1	31	-1	25	+3	70	0	0	13
	HURGHÂDA	00	8	30	3	0	0	—	11.2	+1.2	22.2	33	0	23	+1	17	0	1	3
	QUSEIR	00	8	30	3	0	0	—	7.6	-2.1	28.9	31	-1	24	-1	50	0	11	4
	PORT SUDÂN	00	8	30	2	0	0	—	9		33					34	0	18	97
NORTH SÛDÂN	WÂDI HALFA	00	8	04	2	0	0	—	11		27					13	0	tr.	—
	KAREIMA	00	8	06	1	0	1	4	9		30					5	0	7	2
	ATBARA	01	8	00	0	0	4	4	9		33					28	0	8	6
	KHARTÛM	01	8	32	3	0	3	4	11		29					57	0	7	7
	KASSALA	01	8	16	2	1	4	—	10		28					48	0	31	23
CENTRAL SÛDÂN	WAD MEDANI	00	9	20	4	0	3	6	10		29					46	0	13	24
	RENK	00	9	20	3	0	0	—	—		27		—		—		—	—	88
	ROSEIRES	02	8	12	1	1	6	8	12		28					66	0	195	111
	EL OBEID	02	9	20	2	1	6	4,5	10		27					58	0	44	34
	EL FÂSHER	01	9	00	0	1	4	2	—	—	27					40	0	2	15
	GENEINA												—		—		tr.	—	27
	KADUGLI	02	8	04	2	1	7	8	12		23		—		—	28	—	—	174
S. SÛDÂN	MALAKÂL	02	8	16	1	1	6	4	12		24					84	tr.	233	195
	WÂU	02	8	24	2	1	8	4,5	12		23					28	7	130	363
	JUBA	02	8	12	2	1	7	7	13		23					94	2	572	455

PRESENT WEATHER (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
- [illegible] 8
- [illegible] 9
- [illegible] 0

Upper Winds 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 12h. 15m.	Mariut	Port Saʿîd 12h. 15m.	Almâza	Minya 13h.	Luxor	Hurghâda	Wâdi Halfa 12h. 15m.	Kareima 12h. 30m.	Khartûm 12h. 45m.	Kassala 12h.	El Obeid	Malakal 12h.	Juba 13h.
03 06 15		03 06 05		02 35 05			09 01 25	09 22 05	09 23 10	09 30 05		09 28 10	09 17 10
06 13 15		06 23 20		06 33 05			15 02 20	15 24 10	15 27 05	15 28 10		15 30 20	15 22 15
06 27 30				09 33 15			21 08 05	21 24 25	18 11 05	21 25 20		21 32 30	21 19 20
12 25 55				15 01 20			27 21 05	24 24 25	21 12 10	27 30 05		27 32 15	27 22 10
15 26 40				21 01 25			33 24 20	27 23 25	24 19 15	30 31 05		33 32 30	33 26 10
				27 02 25			39 24 50	30 23 20	27 21 16			39 32 30	39 23 20
				30 03 30				33 24 15					
								39 23 20					

Upper Winds on 30th — الرياح العليا يوم ٣٠

Matrûh 7h. 15m.	Mariut 6h. 45m.	Port Saʿîd	Helwân 9h.	Minya 6h. 45m.	Asyût 7h.	Luxor 6h. 15m.	Aswân 7h.	Wâdi Halfa	Abu Hamad	Kareima 7	Khartûm 7
03 11 10	03 01 20		02 31 10	03 12 05	02 31 15	03 02 20	02 36 20			12 01 20	09 35 25
06 11 15	06 09 05		05 31 10	06 14 20	05 07 05	06 02 35	05 02 40			15 02 20	15 03 10
09 11 10	09 32 10		08 27 15	09 14 10	10 06 25	09 03 35	10 36 45			21 01 05	21 06 10
	12 30 20		10 27 15	15 19 15	15 03 15	15 03 50	15 36 30			24 30 05	24 05 15
	15 29 40			21 32 15	20 01 20	21 02 50	20 32 15			33 25 10	33 11 25
	18 28 45			24 32 20		24 02 65					39 13 25
	21 28 55			30 33 30		30 01 50					51 12 25
				42 33 40		33 02 55					60 11 20
				57 34 55		36 03 50					

Kassala 6h. 45m.	Port Sûdân 7h.	El Obeid 6h. 30m.	El Fâsher	Geneina	Malakal 7h.
09 23 25	09 01 35	12 12 10			09 18 10
15 23 30	15 04 20	15 02 20			15 10 05
33 36 15	18 08 15	21 03 20			21 12 25
		27 07 20			27 11 20
		33 10 30			
		39 11 20			

UPPER AIR TEMP — ALMÂZA AT 23h. G.M.T. ON 29th

Height feet	PPP mb.	TT	UU
Surface	1003	74	65
500	985	82	62
1000	967	81	60
1500	950	81	79
2000	933	81	57
4000	866	73	52
6000	825	63	46
8000	745	53	40
10000	690	42	33
12000	638	31	29
14000	590	21	19
16000	544	16	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	55-66	8
Strong gale	67-77	9
Whole gale	78-90	10
Storm	91-104	11

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 on 29th	Diff. from normal
Alexandria	63	-8	20.3	+0.6
Ezbekiya	35	-16	20.8	+1.3
Giza	42	-8	20.1	+0.9
Helwân	31	-8	19.2	+1.9

GIZA — GRASS MINIMUM TEMP on 30th 15.5°

CAIRO — WATER TEMP RIVER NILE on 30th 25.7°

Discharges at Aswân measured by sluices m³ per sec

Date	1946	1945
30th	1157	1273
29th	1157	1273

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal
Jûba	30th			12.90	-0.62
Nasser				6.30	-0.63
Malakâl		9.90	-0.56	9.87	-0.56
J. Aulia Res.				370.75	—
J. Aulia D.S.				370.68	-0.33
Roseires		12.10	-0.27	11.75	-0.59
Sennar Res.					
Khartûm					
Khashm el Girba		9.95	-0.11	9.95	-0.09
Atbara				131.56	-0.37
Gairarti					
Aswân Res.		117.82	—	117.93	—
Aswân D.S.		85.46	-0.53	85.47	-0.50
Roda (Cairo)		16.47	+1.01	16.47	+1.01

on 30th

34700 00990 18300 13231 80002 00190
34850 00951 28201 14211 50205 00140

CAIRO Time of Sunrise h. 04 m. 55 — Sunset h. 18 m. 50

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

DAILY WEATHER REPORT

Month *MAY* 1946 — شهر مايو ١٩٤٦

At 14h. on THURSDAY 30th (الساعة ١٤ يوم الخميس ٣٠) and At 20h. on 30th (الساعة ٢٠ يوم الخميس 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: SALUM																							130
MATRUH	00	9	04	3	00	0	–	14.3	24.5	64	0	00	8	08	3	0	0	–	15.2	21.5	78	0	131
MARIUT												00	7	04	2	0	0	0	16	20	73	0	150
ALEXANDRIA	00	9	04	2	00	0	–	15.8	25.4	63	0	00	5	04	2	0	0	0	16.6	21.0	74	0	132
DAMIETTA	00	8	32	3	0	0	–	14.8	25.2	56	0	00	8	32	2	0	0	–	15.1	21.3	76	0	159
PORT SAID	00	8	06	3	0	0	–	15.1	25.0	66	0	00	8	02	2	0	0	–	15.8	21.5	73	0	134
EL ARISH	00	9	32	3	0	0	–	14.4	24.8	73	0	00	9	32	3	0	0	–	14.8	22.2	79	0	135
LOWER EGYPT: DAMANHUR	00	6	08	3	0	0	–	14.8	29.6	38	0	00	7	12	3	0	0	–	15.4	21.2	73	0	136
MANSURA	00	8	02	1	0	0	–	14.7	31.5	41	0												137
TANTA	00	8	32	1	1	0	–	13.9	33.5	33	0	00	8	32	1	0	0	–	15.9	23.2	73	0	138
ZAGAZIG	00	6	32	2	0	0	–	13.9	24.0	32	0	00	6	32	3	0	0	–	13.2	23.6	59	0	139
SHEBIN EL KOM	00	8	02	2	0	0	–	13.2	34.8	28	0	00	7	02	2	0	0	–	14.3	26.2	46	0	—
MIDDLE EGYPT: CAIRO ALMAZA	00	8	32	2	0	0	–	12.8	34.8	20	0	00	7	04	3	0	0	–	14.3	28.0	44	0	141
CAIRO EZBEKIYA	00	8	30	1	0	0	–	13.0	35.0	23	0	00	8	02	1	0	0	–	14.8	28.0	43	0	—
CAIRO GIZA	00	8	02	2	0	0	–	13.5	34.4	24	[illegible]	00	8	02	3	1	0	–	15.0	27.7	46	0	—
HELWAN	00	7	28	4	0	0	–	12.7	34.8	15	[illegible]	00	7	04	5	0	0	–	13.8	28.9	39	0	143
SUEZ	00	9	30	2	0	0	–	13.2	33.8	27	[illegible]	00	9	30	1	0	0	–	15.1	27.3	32	0	144
UPPER EGYPT: FAIYUM	00	8	30	2	0	0	–	12.2	37.5	19	0	00	6	32	1	0	0	–	13.0	31.1	32	0	153
MINYA	00	9	32	2	0	0	–	10.6	41	10	0	00	8	32	3	0	0	–	11.5	34.4	18	0	154
ASYUT	00	8	26	1	0	0	–	11.4	38.3	12	0	00	6	30	1	0	0	–	11.2	33.9	18	0	155
NAG HAMADI	00	8	32	1	0	0	–	9.2	38.8	14	0	00	8	00	0	0	0	–	9.8	31.0	38	0	164
QENA	00	9	22	2	0	0	–	8.6	41.0	08	0	00	6	32	1	0	0	–	9.0	34.0	18	0	156
LUXOR	00	7	30	2	0	0	–	9.2	42.0	22	0	00	6	32	1	0	0	–	9.6	32.2	28	0	157
ASWAN	00	9	32	3	0	0	–	7.4	40.2	05	0	00	9	32	1	0	0	–	7.8	37.0	08	0	158
WESTERN DESERT: SIWA	00	8	16	3	0	0	–	13.4	40.5	32	0	00	–	00	0	0	0	–	12.7	34.0	34	0	148
BAHARIYA	00	9	00	0	0	0	–	11.5	35.0	32	0	00	–	00	0	0	0	–	13.5	28.0	51	0	149
KHARGA	00	9	32	3	0	0	–	11.2	39.2	08	0	00	–	32	2	0	0	–	12.3	33.2	18	0	151
DAKHLA	00	9	04	2	0	0	–	11.9	39.2	20	0	00	7	32	1	0	0	–	13.8	27.8	22	0	152
RED SEA: TOR	00	7	28	5	0	0	–	11.2	34.8	34	0	00	7	28	5	0	0	–	9.0	30.9	55	0	145
HURGHADA	00	8	10	1	0	0	–	9.4	–	–	0	00	8	28	4	0	0	–	8.7	30.2	19	0	146
QUSEIR	00	8	32	3	0	0	–	7.1	31.2	49	0	00	8	02	2	0	0	–	6.8	29.4	44	0	147
PORT SUDAN	00	8	04	4	0	2	1	7.	34	36													[illegible]
NORTH SUDAN: WADI HALFA	00	8	02	2	0	0	–	8	41	05	0												165
KAREIMA	00	8	04	2	0	2	4	5	42	09	0												166
ATBARA	01	8	28	2	1	3	1	4	41	13													167
KHARTUM	01	8	24	1	1	3	8,4	6	38	21													[illegible]
KASSALA	02	8	30	2	1	6	8	4	38	22													170
CENTRAL SUDAN: WAD MEDANI	01	8	20	2	0	4	8	5	37	20													171
RENK	00	9	20	3	0	0	–	–	39	34													182
ROSEIRES	01	8	12	1	1	4	8	9	36	35													172
EL OBEID	10	9	00	0	1	7	8,4	5	37	27													174
EL FASHER	01	9	08	2	0	4	2	–	36	40													175
GENEINA	01	9	08	2	1	3	8	–	37	08													179
KADUGLI																							187
S. SUDAN: MALAKAL	01	8	18	3	1	4	8,4	8	33	38													176
WAU	01	8	16	2	1	5	1,4	10	28	62													177
JUBA	10	8	16	3	8	8	6,4	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.

Upper winds 30th:

MATRUH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
13h. 30m.	12h. 45m.	12h. 5m.	1	13h.			13h. 15m.	13h.	13h.	13h.	12h. 30m.	13h. 30m.	13h.
03 09 30	03 02 02	03 02 15		03 35 15			09 03 20	09 03 10	09 31 05	09 28 05	09 36 10	09 20 05	09 21 05
06 10 20	06 27 10	06 31 15		06 32 05			15 03 20	15 06 10	15 29 05	15 31 05	15 03 20	15 17 10	15 21 25
09 10 10	09 28 15	09 28 20		09 29 10			21 04 20	21 28 05	21 04 05	21 31 05	21 04 30	21 13 05	21 17 15
	15 29 40	15 29 40		15 31 20			27 06 05	27 10 05	24 07 05	27 28 15	27 06 35		27 17 05
	21 30 45	21 28 55		21 31 45			33 25 30	33 14 15	30 02 20	33 25 15			33 13 05
	30 28 75	27 28 65		24 32 30				39 13 30	36 07 20	39 28 15			

Mean of day: Humidity % / Evaporation (Piche) mm.

	Humidity 30th	from normal	Evaporation 30th	from normal
Alexandria	70	-1	19.6	-0.2
Ezbekiya	60	+9	20.2	+0.6
Giza	51	+1	19.9	+0.6
Helwan	35	-4	18.8	+1.4

GIZA — GRASS MIN. TEMP. on 31st 15.2

Discharges at Aswan measured by sluices		
31st	1273	1273
30th	1157	1273

CAIRO — WATER LEVEL RIVER NILE on 31st

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal m.
Juba	31st	14.00	+0.50	12.80	-0.71
Nasser		6.44	-0.61	6.35	-0.62
Malakal		9.94	-0.54	9.90	-0.56
J. Aulia Res.				370.78	—
J. Aulia D.S.				370.71	-0.31
Roseires		12.95	+0.56	12.10	-0.27
Sennar Res.		6.84	—	6.59	—
Khartum		9.74	-0.69	9.74	-0.67
Kh. el Girba		—	—	16.33	-0.13
Atbara		10.95	+0.87	10.95	+0.89
Kajbarti		131.50	-0.44	131.50	-0.44
Aswan Res.		117.66	—	117.82	—
Aswan D.S.		85.64	-0.37	85.46	-0.53
Roda (Cairo)		16.42	+0.96	16.47	+1.01

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

At 8h. on FRIDAY 31st (الساعة ٨ يوم الجمعة ٣١)

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. 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: SALUM												—		—				99
MATRUH	00	9	00	0	0	0	–	15.1	+1.5	23.0	25	-1	17	0	74	0	101	160
MARIUT	00	8	08	1	0	0	–	16	–	23	24	—	16	—	65	0	187	138
ALEXANDRIA	00	9	12	1	0	0	–	15.6	+2.0	24.4	26	-1	18	-1	57	0	170	185
DAMIETTA	00	8	04	2	0	0	–	16.0	+3.5	24.5	26	—	19	—	60	0	81	105
PORT SAID	00	8	04	2	0	0	–	16.0	+3.7	23.2	26	-2	20	+1	68	0	71	79
EL ARISH	00	9	06	3	0	0	–	16.2	+3.4	24.9	25	-3	16	0	65	0	—	93
LOWER EGYPT: DAMANHUR	00	7	12	3	0	0	–	15.2	+2.0	23.3	32	+1	16	-1	72	0	92	101
MANSURA	00	8	04	1	0	0	–	16.2	+3.4	25.0	33	4	17	0	62	0	66	54
TANTA	00	8	32	2	0	0	–	16.0	+2.8	24.0	34	0	15	-1	60	0	86	43
ZAGAZIG	00	6	32	3	0	0	–	14.7	+1.8	25.2					50	0	24	27
SHEBIN EL KOM	00	8	04	2	0	0	–	14.7	+1.7	22.8	36	—	16	—	67	0	36	—
MIDDLE EGYPT: CAIRO ALMAZA	00	7	06	4	0	0	–	14.9	+2.2	23.3	36	—	19	—	59	0	10	—
CAIRO EZBEKIYA	00	7	02	3	0	0	–	15.0	+2.3	25.6	36	+2	19	+1	49	0	22	26
CAIRO GIZA	00	7	02	2	0	0	–	15.2	+2.6	24.3	36	+2	18	+2	55	0	41	26
HELWAN	00	7	02	4	0	0	–	13.9	+1.4	27.0	36	+2	19	0	20	0	20	29
SUEZ	00	9	30	2	0	0	–	15.4	+3.5	24.9	35	+1	21	+1	51	0	—	17
UPPER EGYPT: FAIYUM	00	8	02	2	0	0	–	14.2	+1.7	25.8	38	+3	18	-1	43	0	13	8
MINYA	00	9	30	1	0	0	–	13.4	+1.7	28.2	42	+7	20	+1	32	0	dr.	—
ASYUT	00	7	22	1	0	0	–	12.7	+1.2	31.2	40	+4	23	+3	24	0	0	4
NAG HAMADI	00	8	00	0	0	0	–	12.0	+2.0	30.0	40	—	21	—	41	0	1	—
QENA	00	8	28	2	0	0	–	10.8	+0.9	30.8	42	+2	22	0	28	0	13	—
LUXOR	00	7	32	1	0	0	–	11.0	+1.3	34.6	42	+3	21	0	20	0	0	—
ASWAN	00	9	02	2	0	0	–	10.6	+0.6	32.0	42	+2	24	-1	10	0	dr.	—
WESTERN DESERT: SIWA	00	7	00	0	0	0	–	14.0	0.0	28.0	42	+6	21	+3	39	0	5	8
BAHARIYA	00	9	00	0	0	0	–	13.5	+0.4	29.0	36	0	20	+2	58	0	0	7
KHARGA	00	9	02	4	0	0	–	12.4	+2.0	32.4	40	+1	24	+1	18	0	1	—
DAKHLA	00	8	28	1	0	0	–	13.0	+1.4	28.6	40	+1	21	0	28	0	0	—
RED SEA: TOR	00	7	28	5	0	0	–	8.7	-1.0	25.8	36	+4	23	+1	65	0	0	13
HURGHADA	00	8	02	4	0	0	–	—	—	28.8	35	+2	26	+4	40	0	1	3
QUSEIR	00	8	28	2	0	0	–	7.0	-2.6	29.8	32	0	24	-1	36	0	11	4
PORT SUDAN	00	9	00	0	0	0	–	9		34	3				32	0	18	97
NORTH SUDAN: WADI HALFA	00	8	02	2	0	0	–	10		29					17	0	tr.	—
KAREIMA	00	8	07	2	1	0	–	7		24					10	0	7	2
ATBARA	01	8	06	2	1	3	1	6		36					22	0	8	6
KHARTUM	01	8	18	4	1	5	1	8		32					36	0	7	7
KASSALA	01	8	14	3	1	4	1	9		31					49	0	31	23
CENTRAL SUDAN: WAD MEDANI	02	9	16	5	1	8	1	10		29					57	0	13	24
RENK	01	9	18	3	1	4	4	–		28		—		—	66	—	—	89
ROSEIRES	02	7	16	4	2	6	5	–		26					70	0	195	113
EL OBEID	02	9	14	4	1	6	4,5	9		29					57	0	44	35
EL FASHER	01	9	04	1	1	3	4	—	—	28					63	0	2	15
GENEINA	01	9	20	2	0	3	4,1	—	—	27		—		—	45	0	—	28
KADUGLI	02	8	12	3	1	6	4	11		26		—		—	70	—	—	178
S. SUDAN: MALAKAL	01	8	02	2	1	5	8,4	12		26					55	12	245	197
WAU	01	8	16	2	1	4	4,1	12		24					84	0	130	368
JUBA	02	8	12	1	1	5	4,2	14		24					84	tr.	572	460

Upper Winds are in the Code HHDDVV where HH is Height 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 31st (الرياح العليا يوم ٣١)

MATRUH	MARIUT	PORT SAID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
7h.		6h. 30m.		7h. 15m.		6h. 30m.		7	7	7	7
03 11 20		03 07 15		03 04 25		03 35 15		09 05 50	09 06 20	09 05 60	09 26 40
06 10 20		06 04 15		06 03 40		06 20 45		15 04 45	15 08 30	15 07 20	15 31 30
09 13 15		09 03 15		09 36 45		09 01 65		21 06 05	21 08 30	27 07 20	21 30 25
15 30 30		15 34 30		12 35 45		15 02 25			27 07 15	32 07 25	27 31 25
21 31 20		21 32 65		15 35 50		21 36 30			33 05 10	39 07 20	30 31 20
27 21 30		24 22 60		18 36 50		24 01 30					
				21 36 50							

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
7	6h. 30	6h. 30		7	7
15 22 15	09 01 40	09 21 35		09 05 20	15 07 10
21 04 35	15 05 –	15 26 15		15 28 30	21 08 15
27 01 45	21 07 30	21 31 20		21 30 10	27 07 20
	27 07 30	27 36 20		27 18 15	
	33 05 05	33 05 20		33 03 10	
	39 22 15			39 [illegible] 10	

UPPER AIR ALMAZA 03 h. on 31st

HEIGHT	PPP		
Surface	1005	67	62
500	988	66	60
1000	969	73	51
1500	952	71	49
2000	935	71	49
4000	868	72	51
6000	805	64	46
8000	747	56	38
10000	691	45	31
12000	640	37	24
14000	591	29	22
16000	545	23	18

CYPRUS ... on 31st

34700 00990 08200 14261 60004 00140
34610 00961 26301 14241 10801 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)

WIND DIRECTION on Scale: 08 = East, 24 = West, ...

ANNUAL SUBSCRIPTION ... P.T. 150

CAIRO
Time of Sunrise h. 04 m. 54
Sunset h. 18 m. 50

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on FRIDAY 31-5 (الساعة ١٤ يوم ٣١/٥) — At 20h. on 31-5 (الساعة ٢٠ يوم الجمعة ٣١/٥)

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	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 14-20 mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	00	9	32	4	0	0	—	14.8	27.0	43	0	00	8	28	3	0	0	—	14.2	22.8	68	0	131
Mariut	00	7	01	3	0	0	—	15	29	46	0	00	8	03	1	0	0	—	15	22	74	0	150
Alexandria	00	9	04	2	0	0	—	15.6	26.0	60	0	00		08	1	0	0	—	15.6	22.2	72	0	132
Damietta	00	8	04	2	0	0	—	15.4	26.4	58	0	00	7	32	1	0	0	—	15.1	23.0	74	0	159
Port Sa'îd	00		04	2	0	0	—	15.8	27.0	56	0	00	8	08	2	0	0	—	15.4	22.8	70	0	134
El 'Arîsh	00	9	30	3	0	0	—	15.4	24.3	82	0	00	9	04	4	0	0	—	15.8	22.2	98	0	135
Lower Egypt																							
Damanhûr	00	6	16	4	0	0	—	15.2	31.8	36	0	00	7	04	3	0	0	—	15.0	24.0	68	0	136
Mansûra	00	8	04	1	0	0	—	14.8	32.2	30	0	00	6	02	2	0	0	—	15.0	24.8	54	0	137
Tanta	00	8	28	2	0	0	—	14.7	33.3	34	0	00	8	30	1	0	0	—	15.4	24.2	66	0	138
Zagazig	00	6	32	2	0	0	—	14.3	32.2	25	0	00	6	32	2	0	0	—	15.0	24.2	53	0	139
Shebîn el Kôm	00	8	04	2	0	0	—	13.8	34.3	25	0	00	7	04	2	0	0	—	13.9	27.4	43	0	—
Middle Egypt																							
Cairo Almaza	00	8	04	3	0	0	—	13.4	33.0	23	0	00	7	05	3	0	0	—	13.9	29.0	30	0	141
Cairo Ezbekîya	00	8	02	4	0	0	—	13.1	34.7	21	0	00	7	02	3	0	0	—	13.6	28.5	33	0	—
Cairo Gîza	00	8	02	3	0	0	—	13.9	33.9	21	0	00	7	02	2	0	0	—	14.4	28.6	29	0	—
Helwân	00	8	02	5	0	0	—	12.4	35.2	11	0	00	7	02	4	0	0	—	13.4	28.9	24	0	143
Suez	00	9	30	2	0	0	—	14.6	35.8	24	0	00	9	30	2	0	0	—	14.4	27.2	35	0	144
Upper Egypt																							
Faiyûm	00	8	02	3	0	0	—	12.7	35.2	22	0	00	8	32	2	0	0	—	13.0	30.1	33	0	153
Minya	00	9	32	3	0	0	—	11.8	38.4	12	0	00	8	02	2	0	0	—	11.4	31.3	22	0	154
Asyût	00	8	30	2	0	0	—	11.2	36.0	21	0	00		28	1	0	0	—	11.2	33.2	20	0	155
Nag' Hamâdi	00	8	32	1	0	0	—	7.9	38.7	14	0	00	8	32	1	0	0	—	9.1	35.2	08	0	184
Qena	00	9	06	3	0	0	—	8.0	42.0	10	0	00	6	32	2	0	0	—	8.0	34.0	10	0	156
Luxor	00	7	30	3	0	0	—	9.0	41.0	22	0	00	6	28	2	0	0	—	9.1	34.0	22	0	157
Aswân	00	9	32	2	0	0	—	7.6	40.6	09	0	00	9	00	0	0	0	—	7.6	37.5	10	0	158
Western Desert																							
Sîwa	00	8	10	2	0	0	—	12.8	41.5	26	0	00		00	0	0	0	—	12.7	36.0	38	0	148
Baharîya	00	9	00	0	0	0	—	13.9	38.0	31	0												149
Khârga	00	9	02	5	0	0	—	11.5	40.0	09	0	00	—	04	2	0	0	—	10.8	32.8	15	0	151
Dâkhla	00	9	04	3	0	0	—	10.3	39.8	19	0												152
Red Sea																							
Tôr	00	7	28	6	0	0	—	8.7	29.1	46	0	00	7	28	5	0	0	—	9.2	27.9	82	0	145
Hurghâda	00	8	30	4	0	0	—	9.3	30.2	39	0	00	8	28	3	0	0	—	9.4	28.7	40	0	146
Quseir	00	8	32	2	0	0	—	7.1	31.2	44	0	00	8	32	2	0	0	—	7.5	28.6	40	0	147
Port Sûdân	01	8	06	3	1	3	1,2	7	36	35													209
North Sûdân																							
Wâdi Halfa	00	8	04	3	0	0	—	7	42	07													165
Kareima	01	8	04	3	0	3	8,4	4	44	08													166
'Atbara	00	7	10	3	1	2	8	5	42	14													167
Khartûm	01	8	28	1	1	3	8,4,2	4	42	14													209
Kassala	02	8	16	2	1	5	8,1	4	39	48													170
Central Sûdân																							
Wad Medani	01	8	20	5	1	4	8	5	38	24													171
Renk	01	9	18	3	1	4	4	—	32	43													182
Roseires	01	8	12	4	1	4	4	—	33	41													172
El Obeid	02	9	20	3	1	5	9,1	4	37	33													174
El Fâsher	06	9	08	3	1	5	8,4	—	37	45													175
Geneina	01	9	24	2	1	4	8,4	—	36	19													179
Kadugli	02	8	20	2	1	6	4	9	32	43													187
S. Sûdân																							
Malakâl	02	8	14	3	1	6	6,4	9	31	52													176
Wâu	02	8	18	1	1	6	8,4	9	32	46													177
Juba	01	8	12	1	1	4	8,1	10	31	55													178

At 8h. on SATURDAY 1st (الساعة ٨ يوم السبت 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.	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	14	2	0	0	—	11.6	−2.0	27.0	28	+2	20	+2	37	0	101	161
Mariut	00	8	08	1	0	0	—	15		23	30	—	16	—	65	0	187	138
Alexandria	00	9	12	1	0	0	—	14.2	+0.6	24.4	27	0	18	−1	56	0	170	186
Damietta	00	8	12	2	0	0	—	14.6	+2.1	26.1	28	—	20	—	66	0	81	106
Port Sa'îd	00	8	04	2	0	0	—	14.3	+2.0	24.3	27	−1	21	+2	74	0	71	80
El 'Arîsh	00	9	14	1	0	0	—	14.7	+2.0	22.0	26	−2	16	0	85	0		94
Lower Egypt																		
Damanhûr	00	7	20	3	0	0	—	14.4	+1.2	25.6	33	+2	17	+1	72	0	92	101
Mansûra	00	8	08	2	0	0	—	14.2	+1.5	26.8	34	+1	18	0	57	0	66	55
Tanta	00	8	08	1	0	0	—	14.2	+1.0	25.4	34	0	17	+1	57	0	86	44
Zagazig	00	6	04	2	0	0	—	14.3	+1.4	26.2	33	0	15	−2	42	0	24	27
Shebîn el Kôm	00	8	04	2	0	0	—	13.5	+0.5	25.2	35	—	18	—	54	0	36	—
Middle Egypt																		
Cairo Almaza	00	7	08	4	0	0	—	12.8	+0.2	29.8	35	—	21	—	27	0	10	—
Cairo Ezbekîya	05	7	04	3	0	0	—	13.1	+0.5	29.9	36	+2	20	+2	24	0	22	26
Cairo Gîza	00	7	30	1	0	0	—	13.1	+0.2	26.8	34	0	16?	0	43	0	41	26
Helwân	00	7	00	0	0	0	—	12.7	+0.2	26.9	36	+2	21	+2	44	0	20	29
Suez	00	9	30	1	0	0	—	15.0?	+3.1	25.2	36	+2	20	0	49	0	—	17
Upper Egypt																		
Faiyûm	00	8	02	2	0	0	—	12.7	+0.3	28.0	36	+1	18	−1	40	0	13	8
Minya	00	9	32	2	0	0	—	12.0	+0.4	28.0	39	+4	19	0	31	0	dr.	—
Asyût	00	7	22	1	0	0	—	11.9	+0.4	27.8	41	+5	21	+1	29	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	10.3	+0.4	28.9	40	—	18	—	38	0	1	—
Qena	00	8	00	0	0	0	—	9.9	0.0	26.0	43	+3	20	−2	31	0	13	—
Luxor	00	7	28	2	0	0	—	10.4	+0.8	31.0	43	+3	19	−2	22	0	0	—
Aswân	00		00	0	0	0	—	9.1	−0.8	29.0	42	+1	23	−2	14	0	dr.	
Western Desert																		
Sîwa	00	7	00	0	0	0	—	12.6	−0.3	30.0	43	+7	21	+3	38	0	5	8
Baharîya																		7
Khârga	00	9	32	1	0	0	—	11.0	+0.7	28.4	41	+2	23	0	27	0	1	—
Dâkhla	00	8	28	1	0	0	—	12.2	+0.1	27.2	41	+2	21	0	30	0	0	—
Red Sea																		
Tôr	00	7	28	3	0	0	—	10.0	+0.3	27.3	31	−1	23	+1	65	0	0	13
Hurghâda	00	8	30	4	0	0	—	10.2	+0.4	29.2	34	+1	20	−2	24	0	1	3
Quseir	00	8	30	3	0	0	—	9.0	−0.6	29.0	33	+1	25	0	41	0	11	4
Port Sûdân	01	9	00	0	1	4	1	9		27					52	0	18	97
North Sûdân																		
Wâdi Halfa	00	8	04	1	0	0	—	9		29					10	0	tr.	—
Kareima	00	8	06	2	0	0	—	7		33					14	0	7	2
'Atbara	00	8	20	3	0	0	—	6		33					36	0	8	7
Khartûm	00	7	20	4	0	0	—	7		30					43	0	7	8
Kassala	00	8	16	1	1	2	4,1	9		30					46	0	31	24
Central Sûdân																		
Wad Medani	01	9	16	4	1	5	5	8		29					46	1	14	25
Renk	01	9	18	3	1	4	4	—		28		—		—	55	—		90
Roseires	02	8	16	1	1	6	8	11		27					70	0	195	115
El Obeid	00	9	18	4	1	2	1	8		27					66	0	44	36
El Fâsher	01	9	10	1	1	3	4,2	—	—	27					70	0	2	16
Geneina	00	9	18	2	0	2	4	—	—	26		—		—	51		—	24
Kadugli	00	8	12	4	0	3	1	10		28		—		—	66	—	—	182
S. Sûdân																		
Malakâl	01	8	16	2	1	5	4,5	11		26					74	0	245	200
Wâu	02	8	16	3	1	6	4,5	9		27					52	0	120	373
Juba	01	8	12	1	1	4	4	12		26					79	0	522	464

Upper Winds on 31-5 (الرياح العليا يوم ٣١/٥)

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 13h 15m	Mariut 12h 45m	Port Sa'îd 12h 30m	Almâza	Minya 13h	Luxor	Hurghâda	Wâdi Halfa 13h 15m	Kareima 13h	Khartûm 12h	Kassala 12h 45m	El Obeid 13h	Malakal	Juba 13h
03 09 20	03 06 10	03 06 15		03 36 40			09 03 15	09 03 35	09 24 10	09 25 10	09 23 05		09 14 10
06 15 15	06 03 15	06 04 10		06 01 45			15 03 40	15 05 25	15 23 10	15 20 05	15 27 10		15 22 10
09 23 10	09 32 20	09 36 15		09 36 40			21 36 30	21 07 20	21 26 10	21 22 05	21 35 15		21 22 15
12 29 10	12 33 30	12 01 20		12 35 55			27 32 15	24 07 20	24 22 10	27 23 20	27 06 20		27 20 15
15 32 15		15 35 25		15 35 55				30 09 20	30 13 20	33 17 10	33 08 15		33 20 15
18 28 20		18 34 45		18 35 50				39 13 15	39 09 40	39 09 05			
24 28 30		21 34 60		21 36 45									
30 30 30		24 34 60		24 01 55									
33 30 30				27 36 65									

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 7h	Port Sa'îd	Helwân 8h 45m	Minya	Asyût 7h	Luxor	Aswân 7h	Wâdi Halfa 7h	Abu Hamad 7h	Kareima 7h	Khartûm 7h
	03 12 30		02 11 05		02 31 05		02 03 15	09 04 40	09 09 25	09 05 65	09 22 45
	06 14 25		05 08 20		05 02 20		05 04 25	15 01 40	15 08 30	15 06 55	15 20 25
	09 05 15		08 04 20		10 04 70		10 04 15	21 33 15	21 09 30	21 07 30	21 12 30
	12 01 15		10 03 40				15 32 05	27 25 25	27 09 30	24 06 35	24 10 30
	15 18 25		15 03 35				20 32 10	33 22 30	33 07 30	30 07 25	30 11 45
	18 14 40		20 04 50				25 34 10	39 17 15			39 12 45
	21 33 35		22 03 45					51 07 15			
	30 36 30		24 02 50					63 32 15			
	42 36										

Kassala	Port Sûdân 7h 15m	El Obeid 7h	El Fâsher	Geneina 7h	Malakal 7h
	09 01 35	09 21 35		09 29 20	09 18 25
	15 03 25	15 23 25		15 20 15	15 19 40
	21 04 20	21 30 20		21 26 10	21 19 30
	24 06 20	24 35 20		27 21 05	27 15 15
				33 12 05	33 07 20
					39 04 45
					51 01 75

Upper Air Temp — Almâza at 23h G.M.T. on 31st

Height (feet)	PPP (mb.)	TT (°F)	(°F)
Surface	1004	71	64
500	986	73	60
1000	968	75	56
1500	951	78	52
2000	934	79	54
4000	867	75	52
6000	804	65	47
8000	746	56	41
10000	690	44	34
12000	639	36	25
14000	590	30	22
16000	544	24	18

Cyprus Synoptic 8h. on 1st

34700 00990 16200 14261 50102 00140
34800 00990 28200 14260 90901 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 31-5	Diff from normal	Wet Bulb Temp °C on 31-5	Diff from normal
Alexandria	63	−8	19.6	−0.2
Ezbekiya	39	−12	19.1	−0.6
Gîza	39	−11	18.7	−0.6
Helwân	19	−20	16.6	−0.9

GÎZA — Grass Minimum Temp. on 1st 13.2°C

CAIRO — Water Temp. River Nile at 8h. on 1st 26.0°C

Discharges at Aswân measured by sluices m³ per sec.	1946	1945
Date 1st	1273	1331
Date 31-5	1273	1273

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				14.00	+0.50
Nâsser				6.44	−0.61
Malakâl		9.96	−0.54	9.94	−0.54
J. Aulia Res					
J. Aulia D S					
Roseires		12.72	+0.32	12.95	+0.56
Sennar Res.				6.84	—
Khartûm		9.74	−0.71	9.74	−0.69
Kh. el Girba					
'Atbara		9.95	−0.14	10.95	+0.87
Kajnarti				131.50	−0.44
Aswân Res.		117.49	—	117.66	—
Aswân D.S		85.66	−0.37	85.64	−0.37
Roda (Cairo)		16.42	+0.96	16.42	+0.96

PRESENT WEATHER (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

CAIRO
Time of Sunrise h. m. 04 54
Sunset 18 51

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

DAILY WEATHER REPORT

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on Saturday 1st — الساعة ١٤ يوم ١ / At 20h. on 1st — الساعة ٢٠ يوم السبت ١

	Station	ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14h mms	ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20h mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	10	2	0	0	—	11.1	33.4	37	0	01	8	06	2	0	4	8	11.1	27.2	19	0	131
	MARIUT	00	7	06	2	0	0	—	13	35	29	0	00	7	05	2	0	0	—	12	25	65	0	150
	ALEXANDRIA	00	9	04	2	0	0	—	13.1	27.7	63	0	00	5	08	2	0	0	—	11.8	26.4	59	0	132
	DAMIETTA	00	8	10	3		0	—	13.6	27.9	51	0	00	8	12	2	0	0	—	13.0	24.0	79	0	159
	PORT SA'ÎD	00	8	02	3	0	0	—	13.6	27.1	61	0	00	8	04	3	0	0	—	13.4	23.7	76	0	134
	EL 'ARÎSH	00	9	32	3	0	0	—	13.5	26.2	74	0	00	9	04	1	0	0	—	13.8	23.1		0	135
LOWER EGYPT	DAMANHÛR	00	6	12	2	0	0	—	12.6	36.3	24	0	00	7	12	3	0	0	—	12.2	29.0	49	0	136
	MANSÛRA	00	8	02	2	0	0	—	11.8	35.8	22	0	00	6	08	2	0	0	—	13.0	25.6	61	0	137
	TANTA	00	8	04	1	0	0	—	12.7	36.4	18	0	00	8	04	1	0	0	—	13.2	27.0	56		138
	ZAGAZIG	00	6	04	2	0	0	—	13.0	36.2	18	0	00	6	32	2	0	0	—	12.7	28.5	43	0	139
	SHEBÎN EL KÔM	00	8	04	2	0	0	—	12.2	37.2	—	0	00	7	02	2	0	0	—	12.0	29.2	41	0	—
MIDDLE EGYPT	CAIRO ALMAZA	00	8	06	3	0	0	—	11.1	37.9	08	0	00	7	06	4	0	0	—	11.8	32.2	17	0	141
	CAIRO EZBEKÎYA	00	8	02	3	0	0	—	11.9	37.8	14	0	00	7	02	2	0	0	—	11.8	32.1	23	0	—
	CAIRO GÎZA	00	8	02	2	0	0	—	11.8	37.9	13	0	—											—
	HELWÂN	00	8	02	4	0	0	—	11.0	38.8	07	0	00	7	04	5	0	0	—	11.5	32.2	15	0	143
	SUEZ	00	9	02	2	0	0	—	11.6	35.1	19	0	00	9	30	1	0	0	—	12.4	28.9	34	0	144
UPPER EGYPT	FAIYÛM	00	8	02	3	0	0	—	10.6	40.0	18	0	00	8	02	1	0	0	—	10.8	32.7	29	0	153
	MINYA	00	9	28	3	0	0	—	9.6	39.2	15	0	00	8	32	2	0	0	—	9.8	34.5	13	0	154
	ASYÛT	00	7	30	1	0	0	—	8.2	39.1	12	0	00	6	02	1	0	0	—	8.6	34.0	19	0	155
	NAG HAMÂDI	00	8	00	0	0	0	—	7.6	40.7	17	0	00	8	00	0	0	0	—	8.3	31.5	37	0	164
	QENA	00	9	28	2	0	0	—	8.8	43.4	11	0	00	6	28	2	0	0	—	7.8	36.4	09	0	156
	LUXOR	00	7	30	2	0	0	—	7.5	42.5	20	0	00	6	32	1	0	0	—	6.8	33.0	25	0	157
	ASWÂN	00	9	24	1	0	0	—	6.3	40.6	03	0	00	9	00	0	0	0	—	6.4	37.0	08		158
WESTERN DESERT	SÎWA	00	7	20	3	0	0	—	12.2	43.5	26	0	00		00	0	0	0	—	4.8	37.2	18	0	148
	BAHARÎYA	00	9	00	0	0	0	—	11.1	37.4	29	0	00		00	0	0	0	—	12.2	28.0	51	0	149
	KHÂRGA	00	9	32	2	0	0	—	8.7	40.0	44	0	00	9	32	1	0	0	—	9.6	31.2	15	0	151
	DÂKHLA	00	9	04	3	0	0	—	10.3	40.0	18	0	00	7	08	2	0	0	—	10.4	30.2	20	0	152
RED SEA	TÔR	00	7	28	5	0	0	—	8.8	30.1		0	00	7	28	4	0	0	—	—	28.2	55	0	145
	HURGHÂDA	00	8	02	2	0	0	—	8.8	30.7	41	0	00	8	28	2	0	0	—	7.0	29.2	39	0	146
	QUSEIR	00	8	32	2	0	0	—	8.6	33.0	54	0	00	8	32	2	0	0	—	7.1	30.0	30	0	147
	PORT SÛDÂN	02	9	04	3	1	6	2	6	37	35													208
NORTH SÛDÂN	WÂDI HALFA	00	8	02	2	0	0	—	6	42	04													165
	KAREIMA	00	8	08	2	0	1	8,4	3	44	08													166
	'ATBARA	01	8	00	0	0	4	8	3	41	22													167
	KHARTÛM	01	8	04	3	0	3	8	3	39	21													169
	KASSALA	01	8	04	1	0	4	8	3	39	26													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	16	1	1	5	6	5	39	26													171
	RENK	01	9	20	3	1	4	8	—	36	35													182
	ROSEIRES	01	8	16	1	1	4	8	7	30	55													172
	EL OBEID	01	9	22	1	0	4	8,1	4	37	40													174
	EL FÂSHER	02	9	04	2	1	8	8,1	—	38	51													175
	GENEINA	00	8	08	2	0	3	8	—	37	13													179
	KADUGLI	01	8	20	3	1	4	4	7	34	36													187
S. SÛDÂN	MALAKÂL	25	8	14	3	8	6	8,4,5	7	36	13													176
	WÂU	02	8	16	2	1	6	8,4	7	32	43													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 1st

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Aswân	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13h	13h	12h 30m		13h		12h 45m		13h	13h		12h 45m	13h	
031720	032915	030825		033635		030170		091110	091810		092430	092125	
061820	062815	060815		060130		060902		150910	151820			152035	
091825	093205	090220		090330		090140		211020	211220			211930	
152025	123510	123625		120545		150905		270920	241025			271930	
212210	1532—	153625		150545		180430		330720	300835			331405	
				180445		210426		390515	390830			390940	
				210460				510510	482625			510675	
				240360				543205					
				270360									

Remarks

Hours are ... standard time ... 30°E and are ... hours ... mean time.

Mean of day

Station	Humidity % on 1st	Diff. from normal	Wet bulb temp. on 1st	Diff. from normal
Alexandria	55	−17	20.8	+1.0
Ezbekiya	22	−30	19.0	−0.7
Gîza				
Helwân	27	−12	18.2	+0.6

GÎZA — Grass minimum temp. on 2nd 15.5°

Discharges of Nile at Aswan measured ... m³ per sec.

	1946	1945
2-6	1273	1331
1-6	1273	1331

CAIRO — Water temp. River Nile at 9h on 2nd 26.2°

Gauge	Date 1946	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba					
Nasser					
Malakâl				9.96	−0.54
J. Aulia Res.					
J. Aulia D.S.					
Roseires	2-6	13.10	+0.69	12.72	+0.32
Sennar Res.				6.88	
Khartum				9.74	−0.71
Kh. el Girba					
Atbara				9.95	−0.14
Kajnarti					
Aswân Res.		117.32		117.49	
Aswân D.S.		85.66	−0.39	85.68	−0.37
Roda (Cairo)				16.42	+0.96

Printed ...

At 8h. on Sunday 2nd — الساعة ٨ يوم الاحد ٢

	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												—		—				99
	MATRÛH	02	9	30	3	1	7	8	11.6	−2.0	21.0	37	+11	19	+1	84	0	101	161
	MARIUT	00	7	23	3	0	0	—	10		24	37	—	20	—	56	0	187	138
	ALEXANDRIA	00	9	28	3	0	0	—	10.7	−2.9	24.4	32	+4	22	+2	72	0	170	186
	DAMIETTA	00	7	10	2	0	0	—	10.6	−1.8	28.4	29	—	22	—	54	0	81	106
	PORT SA'ÎD	00	8	08	2	0	0	—	10.8	−1.4	26.7	28	0	21	+2	53	0	71	80
	EL 'ARÎSH	00	9	04	1	0	0	—	11.7	−0.9	25.2	28	0	17	0	49	0		94
LOWER EGYPT	DAMANHÛR	00	6	20	3	0	0	—	10.0	−3.1	31.0	37	+6	21	+4	38	0	92	101
	MANSÛRA	00	8	08	1	0	0	—	10.8	−1.9	30.2	36	+3	18	0	34	0	66	55
	TANTA	00	8	16	1	0	0	—	10.8	−2.3	30.6	37	+3	18	+1	39	0	86	44
	ZAGAZIG	00	6	20	2	0	0	—	10.3	−2.5	31.2	36	+3	19	+2	40	0	24	27
	SHEBÎN EL KÔM	00	8	12	1	0	0	—	10.2	−2.7	29.2	38	—	19	—	46	0	36	—
MIDDLE EGYPT	CAIRO ALMAZA	05	6	00	0	0	0	—	10.4	−2.2	30.5	39	—	22	—	33	0	10	—
	CAIRO EZBEKÎYA	05	6	00	0	0	0	—	10.7	−1.9	32.3	39	+5	21	+2	27	0	22	26
	CAIRO GÎZA	00	6	00	0	0	0	—	11.1	−1.5	31.0	38	+4	17	+1	38	0	41	26
	HELWÂN	05	6	00	0	0	0	—	10.7	−1.7	29.8	40	+6	23	+4	23	0	20	29
	SUEZ	00	9	00	0	0	0	—	11.0	−0.8	28.9	34	0	21	+1	37	0	—	17
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	11.0	−1.4	32.6	40	+5	18	−1	37	0	13	8
	MINYA	00	9	30	1	0	0	—	10.3	−1.3	30.4	40	+5	20	+1	34	0	dr.	—
	ASYÛT	00	7	22	1	0	0	—	10.0	−1.4	32.0	42	+6	24	+3	21	0	0	4
	NAG HAMÂDI	00	8	00	0	0	0	—	9.6	−0.3	31.0	42	—	21	—	29	0	1	—
	QENA	00	8	28	1	0	0	—	9.2	−0.6	29.4	45	+5	25	+3	29	0	13	—
	LUXOR	00	7	14	1	0	0	—	9.5	−0.1	33.0	45	+5	21	−0	20	0	0	—
	ASWÂN	00	9	00	0	0	0	—	8.4	−1.4	29.8	42	+1	24	−1	24	0	dr.	
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	12.2	−1.7	28.5	44	+8	22	+4	49	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	13.2	−0.8	29.0					52	0	0	7
	KHÂRGA	00	9	32	4	0	0	—	9.4	−0.9	33.5	42	+3	27	+4	59	0	1	—
	DÂKHLA	00	8	16	1	0	0	—	10.6	−0.9	34.6	41	+2	27	+6	24	0	0	—
RED SEA	TÔR	00	7	28	3	0	0	—	8.8	−0.8	30.1	32	0	25	+3	67	0	0	13
	HURGHÂDA	00	8	30	1	0	0	—	8.6	−1.1	33.2	34	+1	26	+6	12	0	1	3
	QUSEIR	00	8	32	3	0	0	—	8.2	−1.3	31.0	36	+4	27	+2	34	0	11	4
	PORT SÛDÂN	01	8	30	2	1	3	4	7		32					46	0	18	97
NORTH SÛDÂN	WÂDI HALFA	00	8	00	0	0	0	—	8		29					11	0	tr.	—
	KAREIMA	01	8	08	2	0	3	4	7		37					07	0	7	2
	'ATBARA	00	8	20	2	0	2	4	6		36					33	0	8	7
	KHARTÛM	32	3	06	5	3	2	1	8		31					49	0	7	8
	KASSALA	02	8	16	3	1	5	3,4	9		29					52	0	31	24
CENTRAL SÛDÂN	WAD MEDANI	18	8	16	7	3	6	6	10		30					49	0	14	25
	RENK	02	8	10	3	2	6	8	12		26		—		—	70	—	—	91
	ROSEIRES	50	8	24	1	2	7	7,5	13		24					74	5	200	117
	EL OBEID	02	8	18	3	1	7	8,4	8		28					52	0	44	37
	EL FÂSHER	01	8	04	2	1	4	1	—	—	31					59	0	2	16
	GENEINA								—	—			—		—		—	—	30
	KADUGLI	02	8	12	2	1	5	1	10		27		—		—	70	—	—	186
S. SÛDÂN	MALAKÂL	02	8	14	3	1	5	4,5	11		27					79	tr.	245	203
	WÂU	21	8	16	2	5	7	4,5	11		26					79	tr.	130	378
	JUBA	01	8	12	2	6	4	4	13		25					89	tr.	572	469

Upper Winds are in the Code HHDDVV where HH is Height 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

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7h	7h	6h 30m	9h	7h	7h				7h	7h	7h
033235	031660	031415	022610	030630	023105				090330	091305	091950
063140	061725	061110	051805	060645	050320				150530	151205	151940
092935	091835	090810	081035	090635	100320				210505	211105	212415
	122130	150115	101030	150435					273615	240910	242915
	152330	213420	150725	210245					331705	300715	273205
		303040		300240					391105	3910	
		333135									

Kassala	Port Sudan	El Obeid	El Fasher	Geneina	Malakal
	7h	6h 45m			7h
	090180	091730			091940
	150315	151955			151825
	210420	212025			212210
	273530	272430			271205
	390510	332340			230705
					390620

Upper Air Temp. Almâza at 23h G.M.T. on 1st

Height feet	PPP mb	TT	
Surface	1002.9	79	60
500	984	83	59
1000	966	85	59
1500	949	87	57
2000	932	87	57
4000	865	78	54
6000	803	66	49
8000	744	58	42
10000	689	47	36
12000	637	38	29
14000	589	26	24
16000	543	17	15

Cyprus synoptic 8h on 2nd
347XX 019XX 02304 1225X

PRESENT WEATHER (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	
2-3 Tenths	
4-5-6 Tenths	4
7 Tenths	
9 Tenths	
Over 9 Tenths	
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	
Cumulo-nimbus	
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 = Calm.

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

CAIRO Time of Sunrise 04 h. 54 m. Sunset 18 h. 52 m.

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on SUNDAY 2nd (الساعة ١٤ يوم الأحد ٢) — At 20h. on 2nd (الساعة ٢٠ يوم الأحد ٢)

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	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																							
SALÛM																							130
MATRÛH	01	9	30	3	2	4	8	12.4	22.9	75	0	01	8	28	4	1	4	8	12.7	21.2	89	0	131
MARIUT	01	7	26	3	1	3	6	11	24	74	0	02	7	28	2	2	5	6	11	21	83	0	150
ALEXANDRIA	01	9	26	3	1	5	4	11.6	26.0	70	0	01	5	28	4	2	4	4	12.0	21.2	78	0	132
DAMIETTA	00	6	30	3	0	0	—	9.9	30.0	64	0	01	7	30	3	1	3	8	9.6	23.0	96	0	159
PORT SAÏD	00	7	06	2	0	0	—	9.5	30.3	61	0	00	8	04	2	0	0	—	9.2	24.8	72	0	134
EL 'ARÎSH	00	9	02	2	0	0	—	11.0	30.8	55	0	00	9	12	1	0	0	—	9.0	24.4	83	0	135
Lower Egypt																							
DAMANHÛR	00	6	24	4	0	0	—	10.2	29.3	44	0	00	7	28	4	0	0	—	12.0	21.3	72	0	136
MANSÛRA	00	8	32	3	0	0	—	9.9	36.2	31	0	00	6	28	3	0	0	—	10.0	24.8	69	0	137
TANTA	00	8	28	3	0	0	—	9.4	39.5	27	0	00	8	24	1	0	0	—	11.2	23.6	70	0	138
ZAGAZIG	00	6	32	2	0	0	—	8.4	40.0	17	0	00	6	32	2	0	0	—	—	24.5	25	0	139
SHEBÎN EL KÔM	00	8	30	4	0	0	—	8.6	40.2	28	0	00	7	30	2	0	0	—	9.6	25.9	68	0	—
Middle Egypt																							
CAIRO: ALMAZA	00	8	27	1	0	0	—	8.2	41.3	07	0	00	7	30	2	0	0	—	9.5	31.4	36	0	141
CAIRO: EZBEKÎYA	00	8	22	2	0	1	8	9.0	41.4	11	0	00	6	28	1	0	0	—	9.9	30.0	42	0	—
CAIRO: GÎZA	00	8	00	0	0	0	—	8.6	41.7	11	0	00	7	30	2	0	0	—	10.0	31.1	29	0	—
HELWÂN	00	8	00	0	0	0	—	8.7	41.8	07	0	00	7	28	4	0	0	—	9.5	31.7	35	0	143
SUEZ	00	9	14	1	0	0	—	9.5	37.7	19	0	01	8	30	4	1	4	5	9.2	33.1	40	0	144
Upper Egypt																							
FAIYÛM	00	8	30	1	0	0	—	8.6	42.0	18	0	00	8	32	4	0	0	—	8.4	32.0	43	0	153
MINYA	00	9	30	3	0	0	—	8.0	43.3	10	0	00	8	32	1	0	0	—	7.4	33.4	25	0	154
ASYÛT	00	8	30	1	0	0	—	8.4	40.5	13	0	00	6	28	2	0	0	—	7.8	30		0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	7.8	40.6	12	0	00	8	00	0	0	0	—	6.0	27.6	40	0	164
QENA	00	9	06	2	0	0	—	6.2	43.0	08	0	00	6	08	1	0	0	—	6.2	33.8	22	0	156
LUXOR	00	7	30	2	0	0	—	7.0	44.0	21	0	00	6	28	2	0	0	—	6.2	32.0	28	0	157
ASWÂN												00	9	00	0	0	0	—	5.2	27.0	10	0	158
Western Desert																							
SÎWA	00	8	28	4	0	0	—	11.8	38.0	31	0	00	—	00	0	0	0	—	11.5	34.8	19	0	148
BAHARÎYA	00	9	00	0	0	0	—	10.4	39.0	29	0	00	—	00	0	0	0	—	12.8	—	56	0	149
KHÂRGA	00	9	32	1	0	0	—	8.4	42.0	09	0	00	9	32	1	0	0	—	7.6	33.2	11	0	151
DÂKHLA	00	9	04	3	0	0	—	9.4	40.0	18	0	00	7	28	2	0	0	—	9.5	30.2	20	0	152
Red Sea																							
TÔR	00	7	28	4	0	0	—	8.6	35.2	56	0	00	7	12	3	0	0	—	9.4	—	52	0	145
HURGHÂDA	00	8	10	1	0	0	—	9.1	37.4	12	0	00	8	28	1	0	0	—	7.6	34.8	15	0	146
QUSEIR	00	8	32	2	0	0	—	7.9	34.0	36	0	00	8	32	2	0	0	—	7.2	31.2	30	0	147
PORT SÛDÂN																							260
North Sûdân																							
WÂDI HALFA	01	8	24	2	0	3	8	5	43	16													165
KAREIMA	01	8	28	2	1	3	8	3	44	13													166
'ATBARA	01	7	20	3	1	4	8	3	42	24													167
KHARTÛM																							169
KASSALA	01	8	22	2	1	4	8	4	39	24													170
Central Sûdân																							
WAD MEDANI	01	8	16	4	3	4	3	5	38	24													171
RENK	01	9	20	3	1	4	8	—	36	35													182
ROSEIRES	00	8	20	1	0	0	—	8	33	44													172
EL OBEID	28	9	18	2	9	7	6,4	10	23?	78													174
EL FÂSHER	02	9	04	1	1	7	8	—	43	38													175
GENEINA	01	8	02	3	1	3	8	—	39	10													179
KADUGLI																							187
S. Sûdân																							
MALAKÂL																							176
WÂU	01	8	00	0	8	4	8,5	9	27	79													177
JUBA	01	8	12	1	0	4	8	8	33	53													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 2nd (٢)

MATRÛH	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
13 h.	13 h. 30 m.												
03 32 35	03 31 30												
06 32 20	06 24 35												
	09 23 45												

Station	Mean of day: Humidity % (2nd)	Diff. from normal	Wet bulb temp. °C (2nd)	Diff. from normal
Alexandria	73	+1	20.3	+0.4
Ezbekiya	32	−20	20.9	+1.1
Giza	35	−16	21.4	+2.0
Helwân	26	−13	19.6	+2.0

GÎZA — Grass minimum temp. on 3rd 18.3 °C

CAIRO — Water temp. River Nile at 8h. on 3rd 26.3 °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1946	1945
	3-6	1273	1331
	2-6	1273	1331

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-6-1946				
Nasser					
Malakâl		10.08	−0.50	10.01	−0.51
J. Aulia Res				370.78	—
J. Aulia D.S				370.73	−0.32
Roseires		13.73	+1.30	13.10	+0.69
Sennar Res		7.46	—	7.05	—
Khartûm		9.73	−0.77	9.73	−0.75
Kh. el Girba					
Atbara		9.91	−0.21	9.92	−0.18
Kajbarti				131.63	−0.40
Aswân Res.		117.15	—	117.32	—
Aswân D.S		85.66	−0.42	85.66	−0.39
Roda (Cairo)		16.40	+0.93	16.42	+0.96

Printed by the Survey of Egypt. 1945 (45/206)

At 8h. on MONDAY 3rd (الساعة ٨ يوم الأثنين 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)	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	38	3	1	3	8	13.8	+0.2	22.0	34	−2	18	0	82	0	101	161
MARIUT	01	8	26	2	1	5	6	12		24	30	—	20	—	65	0	187	138
ALEXANDRIA	02	9	36	2	2	5	4	13.0	−0.5	22.6	28	0	20	0	68	0	170	186
DAMIETTA	01	8	28	3	1	5	6	11.6	−0.8	24.1	32	—	21	—	73	0	81	106
PORT SA'ÎD	02	7	28	3	2	6	9	11.5	−0.7	24.3	32	+4	22	+3	64	0	71	80
EL 'ARÎSH	01	9	28	2	0	6	3	11.5	−1.1	24.9	31	+3	22	+5	78	0		94
Lower Egypt																		
DAMANHÛR	01	7	04	3	1	6	8	12.6	−0.5	24.2	33	+1	19	+2	68	0	92	101
MANSÛRA	01	8	30	2	1	4	8	12.4	−0.2	24.5	42	+9	21	+3	64	0	66	55
TANTA	02	8	30	1	1	5	8	13.0	−0.1	23.8	40	+6	20	+3	67	0	86	44
ZAGAZIG	00	6	00	0	0	2	8	12.3	−0.5	25.2	41	+7	20	+3	61	0	24	27
SHEBÎN EL KÔM	01	8	02	2	0	3	8	13.1	+0.3	24.6	43	—	21	—	58	0	36	—
Middle Egypt																		
CAIRO: ALMAZA	00	7	32	3	1	3	6	12.5		23.0	44	—	20	—	70	0	10	—
CAIRO: EZBEKÎYA	05	6	28	1	1	3	8	12.7	+0.1	23.5	43	+9	20	+1	62	0	22	26
CAIRO: GÎZA	01	7	06	1	1	4	8	12.3	−0.2	23.8	44	+10	20	+4	68	0	41	26
HELWÂN	00	7	32	2	0	0	—	12.7	+0.3	22.8	43	+9	19	0	66	0	20	29
SUEZ	00	9	02	2	0	0	—	12.6	+0.8	24.8	39	+5	20	0	61	0		17
Upper Egypt																		
FAIYÛM	00	8	22	2	0	0	—	12.7	+0.4	24.0	43	+8	19	0	69	0	13	8
MINYA	00	8	02	3	0	0	—	11.6	+0.1	24.8	44	+8	22	+3	61	0	dr.	—
ASYÛT	00	7	26	1	0	0	—	11.0	−0.4	22.0	42	+6	23	+2	45	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.4	−0.4	30.0	42	—	21	—	43	0	1	—
QENA	00	8	22	2	0	0	—	8.6	−1.1	31.0	45	+5	22	0	22	0	13	—
LUXOR	00	7	10	1	0	0	—	9.0	−0.5	34.8	45	+5	21	—	26	0	0	—
ASWÂN	00	9	28	1	0	0	—	8.3	−1.4	31.4	44	+3	25	0	25	0	dr.	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	15.0	+1.1	25.0	41	+5	18	0	57	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	14.1	+0.1	31.0	40	+4	22	+4	63	0	0	7
KHÂRGA	00	9	08	1	0	0	—	9.8	−0.5	32.0	43	+4	25	+2	32	0	1	—
DÂKHLA	00	8	32	1	0	0	—	11.6	+0.1	29.7	41	+2	27	+6	36	0	0	—
Red Sea																		
TÔR	00	7	28	4	0	0	—	8.2	−1.3	25.9	36	+4	24	+2	79	0	0	13
HURGHÂDA	00	8	30	4	0	0	—	8.8	−0.8	29.4	39	+5	25	+3	49	0	1	3
QUSEIR	00	8	26	1	0	0	—	6.7	−2.7	34.4	37	+5	29	+4	—	0	11	4
PORT SÛDÂN	00	8	00	0	0	0	—	8		33					59	0	18	97
North Sûdân																		
WÂDI HALFA	00	8	30	1	0	2	2	9		31					11	0	dr.	—
KAREIMA																0	7	2
'ATBARA																0	8	7
KHARTÛM																0	7	8
KASSALA	01	8	18	3	1	6	4	9		33					38	0	31	25
Central Sûdân																		
WAD MEDANI																0	14	26
RENK												—		—		—	—	94
ROSEIRES																14	214	121
EL OBEID																1	55	38
EL FÂSHER								—	—							0	2	16
GENEINA								—	—			—		—		—	—	31
KADUGLI																—	—	190
S. Sûdân																		
MALAKÂL																3	248	207
WÂU																15	145	383
JUBA																0	572	474

Upper Winds are in the Code HHDDVV where HH is Height 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 SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. 15 m.	6 h. 45 m.			7 h.	7 h.		7 h.				
03 31 30	03 32 20			03 36 40	02 31 20		02 02 10				
06 32 35				06 34 20	05 02 30		05 02 10				
				09 33 15	10 33 30		10 02 40				
				15 30 55			15 01 30				
				21 28 45			20 33 20				
				30 26 55			25 31 20				

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

Cirrus / Synoptic on 3rd:

34700 00990 20300 07271 30000 00150

34600 00890 26310 09241 00003 00180

Upper air temp. ALMÂZA at 4h. on 3rd

Height (feet)			
Surface	1002	68	63
500	984	65	62
1000	966	62	61
1500	949	60	59
2000	932	61	57
4000	865	70	51
6000	803	67	48
8000	744	67	39
10000	689	47	36
12000	637	40	28
14000	589	31	24
16000	543	22	19

Wind force: Moderate ... Strong ... Very strong ... Strong gale ... Whole gale ... Storm 91-104 ... Hurricane above 104

Wind direction: 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	
Mainly overcast	
Sandstorm, Duststorm	3
Fog, thick dust haze	
Drizzle	
Rain	6
Snow, sleet	
Showers	
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres 0; 200; 500; 1 kilometre

Cloud form: Strato-cumulus 6; Nimbo-stratus 7; Cirrus; Cumulo-nimbus; Stratus 0

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise 04 h. 54 m. Sunset 18 h. 52 m.

Month June 1946 — شهر يونيو ١٩٤٦

At 14h. on Monday 3rd / At 20h. on 3rd — الساعة ١٤ يوم الإثنين ٣

Station	Present weather (14h)	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. press. M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 8-14h. mms.	Present weather (20h)	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. press. M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20h. mms.	Station number
Salûm																							130
Matrûh	00	9	28	3	0	0	—	14.0	23.4	80	0	00	8	28	3	0	0	—	13.2	21.8	93	0	131
Mariut	01	7	29	4	1	4	6	12	25	70	0	00	7	28	2	0	0	—	12	22	83	0	150
Alexandria	01	9	30	4	2	4	8	12.4	25.8	66	0	00	6	28	2	0	0	—	12.2	22.6	75	0	132
Damietta	01	7	28	4	1	4	8	11.5	25.1	77	0	01	7	28	3	1	4	6	11.1	22.6	84	0	153
Port Sa'îd	00	8	30	4	0	3	4	11.2	27.2	60	0	01	8	30	4	1	4	6	11.5	23.8	68	0	134
El 'Arîsh	00	9	28	3	0	0	—	10.8	25.4	82	0	02	9	28	2	0	7	3	10.7	23.6	80	0	135
Damanhûr	00	7	28	4	1	3	8	11.8	27.6	49	0	00	7	24	3	0	0	—	12.2	21.2	72	0	136
Mansûra	00	8	32	2	1	D	—	11.1	29.5	46	0	00	6	32	2	0	0	—	11.6		69	0	137
Tanta	00	8	28	2	1	0	—	10.6	30.3	48	0	00	8	32	1	0	0	—	12.3	24.2	74	0	138
Zagazig	00	6	28	2	0	0	—	11.1	31.2	42	0	00	6	28	2	0	0	—	12.2	24.0	66	0	139
Shebîn el Kôm	00	8	30	3	0	0	—	10.6	32.9	38	0	00	7	02	2	0	0	—	11.0	24.9	61	0	—
Cairo: Almaza	00	8	30	2	0	0	—	10.3	31.6	34	0	00	7	32	2	0	0	—	11.3	26.4	43	0	141
Cairo: Ezbekîya	00	8	30	1	0	0	—	10.7	31.2	36	0	00	8	30	2	0	0	—	11.9	27.0	48	0	—
Cairo: Gîza	00	8	28	2	0	0	—	11.2	31.0	38	0	00	7	30	2	0	0	—	11.5	26.3	55	0	—
Helwân	00	7	26	3	0	0	—	10.4	29.9	35	0	05	5	30	4	0	0	—	11.2	26.6	47	0	143
Suez	00	9	02	1	0	0	—	10.7	30.6	38	0	00	9	32	1	0	0	—	—	27.1	64	0	144
Faiyûm	00	8	32	3	0	0	—	10.8	31.5	31	0	00	8	32	2	0	0	—	11.2	27.8	45	0	153
Minya	00	9	32	3	0	0	—	10.3	35.2	23	0	00	8	30	2	0	0	—	9.6	29.7	32	0	154
Asyût	00	8	28	1	0	0	—	9.8	36.2	20	0	00	6	30	1	0	0	—	9.6	30.3	35	0	155
Nag Hamâdi	00	8	00	0	0	0	—	7.9	40.0	16	0	00	8	00	0	0	0	—	8.4	30.7	33	0	164
Qena	00	9	26	3	0	0	—	5.8	43.3	11	0	00	6	26	2	0	0	—	6.4	35.6	15	0	156
Luxor	00	7	26	3	0	0	—	7.0	44.0	22	0	00	6	32	1	0	0	—	8.0	33.8	23	0	157
Aswân	00	9	30	2	0	0	—	6.4	43.0	05	0	00	9	32	3	0	0	—	5.2	39.0	08	0	158
Sîwa	00	8	28	2	0	0	—	14.0	34.8	33	0	00	—	00	0	0	0	—	13.1	34.2	35	0	148
Bahariya												00	—	00	0	0	0	—	12.3	27.3	55	0	149
Khârga	00	9	00	0	0	0	—	10.4	40.0	15	0	00	9	32	1	0	0	—	10.3	32.8	28	0	151
Dâkhla	00	9	28	3	0	0	—	10.2	39.2	24	0	00	7	32	2	0	0	—	11.6	27.8	28	0	152
Tôr	00	7	28	4	0	0	—	7.2	31.2	48	0	00	7	28	4	0	0	—	8.7	28.5	52	0	145
Hurghâda	00	8	30	4	0	0	—	8.0?	34.5	30	0	00	8	28	4	0	0	—	7.5	32.8	33	0	146
Quseir	00	8	32	2	0	0	—	6.7	33.0	56	0	00	8	32	2	0	0	—	7.5	31.5	26	0	147
Port Sûdân	00	8	06	3	0	3	8	6	39	40													2808
Wâdi Halfa	00	8	12	1	0	3	1	6	43	04													165
Kareima	01	7	32	2	4	4	8,4	5	43	12													166
Atbara	01	8	20	1	1	5	8	3	42	19													167
Khartum	32	3	18	4	3	—	—	7	36	31													2809
Kassala	02	8	22	3	1	5	8	6	38	29													170
Wad Medani	01	8	16	5	3	3	1	7	37	24													171
Renk	01	9	04	3	1	4	6	—	31	49													132
Roseires	01	8	28	1	1	5	2	—	30	55													172
El Obeid	02	8	08	4	1	5	9	8	35	35													174
El Fâsher	01	8	12	3	1	4	8,4	—	36	19													175
Geneina	01	8	06	1	1	4	8,4	—	37	22													179
Kadugli	01	8	12	3	1	4	—	9	33	41													187
Malakâl	93	7	08	3	9	5	9	11	27	79													176
Wâu	01	8	18	2	1	5	8,4	10	30	62													177
Juba	01	8	10	1	1	5	9,2	10	31	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 3rd:

Matrûh 12h	Wâdi Halfa 13h	Kareima 13h	Malakal 13h	Juba 13h
03 32 20	03 33 30	09 30 05	09 24 05	09 14 25
06 34 20		33 17 05	15 21 05	15 14 35
09 35 20		39 18 35	21 24 05	21 16 25
15 02 15			27 24 15	27 25 30
21 01 20			30 25 05	33 26 20
30 33 25				39 36 15
45 32 55				48 03 14

(No upper wind entries for Mariut, Port Saîd, Almaza, Minya, Luxor, Hurghada, Khartum, Kassala, El Obeid.)

Remarks: All times are local time, i.e. 30° E and are two hours fast on Greenwich mean time.

Means of the day:

Station	Humidity 3rd	from normal	Wet bulb temp. 3rd	from normal
Alexandria	69	-3	19.9	-0.1
Ezbekiya	53	+1	19.9	+0.1
Giza	61	+10	20.4	+0.9
Helwan	53	+14	19.1	+1.4

GIZA — Grass minimum temp.: 4th 18.5°

CAIRO — River Nile temp.: 4th 26.4°

Discharges at Aswan measured by ... in ... per sec.	Date	1946	1945
	4.6	1273	1331
	3.6	1273	1331

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba		—	—	13.03	-0.46
Nasser		—	—	6.87	-0.38
Malakal		10.10	-0.48	10.05	-0.50
J. Aulia Res.		—	—	370.76	—
J. Aulia D.S.		—	—	370.70	-0.37
Roseires		13.35	+0.88	13.73	+1.30
Sennar Res.		—	—	7.46	—
Khartum		9.77	-0.75	9.73	-0.77
Kh. el Girba		—	—	10.30	-0.16
Atbara		—	—	9.91	-0.21
Sinarti		131.50	-0.41	131.52	-0.40
Aswan Res.		116.99	—	117.15	—
Aswan D.S.		85.66	-0.44	85.66	-0.42
Roda (Cairo)		16.40	+0.93	16.40	+0.93

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

At 8h. on Tuesday 4th — الساعة ٨ يوم الثلاثاء ٤

Station	Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud 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. mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
Salûm												—		—				99
Matrûh	00	9	28	3	0	0	—	13.0	-0.6	21.8	28?	+2	18	0	86	0	101	161
Mariut	00	7	23	3	0	0	—	12		25	25	—	21	—	70	0	187	138
Alexandria	00	9	26	3	0	0	—	12.4	-1.1	22.8	27	-1	21	+1	84	0	170	186
Damietta	00	8	20	2	0	0	—	11.2	-1.1	24.9	26	—	18	—	76	0	81	106
Port Sa'îd	01	8	24	4	1	4	8	11.4	-0.8	23.3	28	0	21	+2	76	0	71	80
El 'Arîsh	00	9	20	2	0	0	—	11.0	-1.5	26.1	26	-2	19	+2	67	0	—	94
Damanhûr	00	7	32	3	0	0	—	11.4	-1.6	25.0	28	-4	17	0	65	0	92	101
Mansûra	00	8	20	1	0	0	—	11.6	-1.0	25.0	31	-2	17	-1	68	0	66	55
Tanta	00	8	24	1	0	0	—	12.3	-0.7	24.4	31	-3	16	-1	74	0	86	44
Zagazig	01	6	24	2	1	3	8	12.3	-0.4	24.6	32	-2	20	+3	73	0	24	27
Shebîn el Kôm	00	8	28	2	0	0	—	—	—	25.9	33	—	18	—	66	0	36	
Cairo: Almaza	00	7	28	1	1	0	—	11.9	-0.6	22.9	33	—	20	—	69	0	10	
Cairo: Ezbekîya	05	6	26	1	1	1	8	12.2	-0.3	23.4	33	-1	21	+2	71	0	22	26
Cairo: Gîza	01	7	28	2	1	4	8	12.4	-0.1	23.0	32	-2	20	+4	74	0	41	26
Helwân	05	6	30	2	0	0	—	11.9	-0.4	22.0	32	-2	18	-1	74	0	20	29
Suez	00	9	00	0	0	0	—	12.3?	+0.6	25.1	33	-1	20	0	62	0	—	17
Faiyûm	00	8	02	3	0	0	—	11.9	-0.4	24.0	33	-2	19	0	67	0	13	8
Minya	00	9	32	3	0	0	—	12.3?	+0.8	25.0	36	0	20	+1	60	0	dr.	—
Asyût	00	7	26	1	0	0	—	11.6	+0.3	25.8	38	+2	21	0	49	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	10.6	+0.8	29.5	40	—	19	—	46	0	1	—
Qena	00	8	26	2	0	0	—	9.5	-0.2	27.0	44	+4	22	0	45	0	13	—
Luxor	00	7	18	2	0	0	—	10.3	+0.8	32.5	45	~~+4~~	26	~~+5~~	36	0	0	
Aswân	00	9	32	3	0	0	—	9.8	+0.2	30.0	44	+3	27	+2	25	0	dr.	—
Sîwa	00	7	00	0	0	0	—	15.0	+1.2	25.0	37	0	18	0	68	0	5	8
Baharîya	00	9	00	0	0	0	—	11.2	-1.8	29.0	38	+2	20	+2	55	0	0	7
Khârga	00	9	32	1	0	0	—	10.8	+0.1	27.0	42	+3	24	+1	44	0	1	—
Dâkhla	00	8	24	1	0	0	—	11.9	+0.4	28.8	40	+1	23	+1	45	0	0	—
Tôr	00	7	28	4	0	0	—	8.7	-0.8	25.1	34	+2	23	+1	67	0	0	13
Hurghâda	00	8	30	4	0	0	—	9.0	-0.6	26.3	36	+2	25	+3	59	0	1	3
Quseir	00	8	32	2	0	0	—	7.8	-1.5	28.0	36	+4	26	+1	59	0	11	4
Port Sûdân	00	7	16	1	1	0	—	6		37					40	0	18	97
Wâdi Halfa	00	8	02	1	0	0	—	9		31					15	0	dr.	
Kareima	02	7	00	0	1	5	4	9		32					36	0	7	2
Atbara	01	8	20	2	1	3	4	9		33					36	0	8	7
Khartum	25	8	16	3	8	6	9,4	10		32					38	tr.	7	8
Kassala	01	8	16	3	1	4	4	10		31					31	0	31	26
Wad Medani	01	9	16	4	1	4	1	12		28					45	0	14	27
Renk	01	9	18	3	1	3	3	—		31		—		—	49	—	—	97
Roseires	28	7	20	4	1	6	5	—		25					79	1	215	125
El Obeid	02	9	20	3	1	5	4.5	11		29					59	0	55	39
El Fâsher								—	—							0	2	17
Geneina	01	8	18	2	1	5	4	—	—	26		—		—	55	—	—	32
Kadugli	01	8	20	3	1	4	1	11		30		—		—	55	—	—	194
Malakâl	01	8	18	1	1	4	4	11		28					70	2	250	211
Wâu	01	8	00	0	1	4	4.1	13		24					74	0	145	388
Juba	01	8	18	1	0	3	9.1	14		25					—	0	572	479

Upper Winds are in the Code HHDDVV where HH is Height 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:

Matrûh 7h.15m.	Port Saîd 7h.15m.	Asyût 7h.	Aswân 7h.	Kareima 7h.15m.	Khartum 7h.
03 28 20	03 24 20	02 32 20	02 36 20	09 01 15	09 24 35
06 28 20	06 24 20	05 35 20	05 01 25	15 03 20	15 29 15
		10 33 45	10 33 30	21 01 20	21 10 15
			15 31 35	24 36 10	24 06 15
			20 26 50	27 25 05	30 05 20
			25 25 55	33 19 15	39 07 15
			30 21 50	39 19 15	

(No upper wind entries for Mariut, Helwân, Minya, Luxor, Wâdi Halfa, Abu Hamad.)

Kassala 7h.	Port Sûdân 7h.15m.	El Obeid 6h.30m.	El Fâsher	Geneina 7h.	Malakal 7h.
09 19 10	09 24 35	09 23 35		09 23 20	09 23 25
15 24 20	15 26 30	15 23 30		15 18 25	15 23 20
21 28 15	21 28 25	21 25 20		21 14 15	21 24 05
27 31 15	27 20 20	27 07 20		27 13 15	
33 01 10		33 11 20		33 09 20	
		39 13 20			

Upper air temp. Almâza at 4h. G.M.T. on 4th

Height feet	mb.	T °F	Td °F
Surface	1003	68	66
500	985	65	63
1000	966	63	61
1500	949	61	57
2000	932	66	54
4000	865	63	49
6000	803	59	40
8000	744	55	35
10000	689	48	31
12000	637	40	26
14000	589	33	24
16000	543	26	21

Cyprus synoptic on 4th:

34700 00990 08200 08272 70000 00160
34800 00890 06200 09241 90802

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

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

Present weather	ww
Clear	00
Partly cloudy	01
Cloudy	02
[illegible]	
Variable sky	
Mainly overcast	
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	
Showers	8
Thunderstorm	9

Visibility (V)	
50 metres	0
200	1
500	2
10	6
20	7
50	8
Visible over 50 kms	9

Cloud amount (N): ... 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 ...

DAILY WEATHER REPORT

CAIRO Time of Sunrise h. m. 04 54 — Sunset h. m. 18 52

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on TUESDAY 4th (الساعة ١٤ يوم ٤) — At 20h. on 4th (الساعة ٢٠ يوم الثلاثاء ٤)

Station	14h ww	V	Wind Dir.	Force	W	Cloud N	Form	Bar. M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 8-14h mms	20h ww	V	Wind Dir.	Force	W	Cloud N	Form	Bar. M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20h mms	Station Number
Salûm																							130
Matrûh	00	9	28	3	0	0	—	12.7	24.0	79	0	00	8	28	3	0	0	—	12.4	21.7	81	0	131
Mariut	00	7	27	3	0	0	—	11	27	58	0	00	7	28	2	0	0	—	10	22	83	0	150
Alexandria	00	8	26	3	0	0	—	12.2	25.6	73	0	01	6	26	2	1	4	8	11.0	22.2	84	0	132
Damietta	00	7	28	4	0	0	—	10.4	26.5	71	0	00	8	26	3	0	0	—	9.4	23.3	81	0	159
Port Sa'îd	00	8	28	4	0	0	—	9.9	29.0	62	0	00	8	26	4	0	0	—	9.2	22.7	77	0	134
El 'Arîsh	00	9	28	2	0	0	—	10.3	25.9	50	0	00	9	00	0	0	0	—	9.4	22.8	94	0	135
Damanhûr	00	7	04	3	0	0	—	10.7	31.3	38	0	00	7	04	2	0	0	—	9.6	22.6	68	0	136
Mansûra	00	8	32	3	0	0	—	10.3	34.0	27	0	00	6	02	2	0	0	—	9.8	24.8	62	0	137
Tanta	00	8	28	3	0	0	—	10.2	33.3	60	0	00	8	00	0	0	0	—	10.2	25.6	76	0	138
Zagazig	00	6	28	2	0	0	—	8.8	33.9	35	0	00	6	32	2	0	0	—	10.6	25.5	56	0	139
Shebîn el Kôm	00	8	02	3	0	0	—	9.8	35.2	27	0	00	7	02	2	0	0	—	9.5	26.2	45	0	—
Cairo Almaza	00	8	28	2	0	0	—	9.7	34.3	22	0	00	7	02	1	0	0	—	9.5	29.0	30	0	141
Cairo Ezbekîya	00	8	30	2	0	0	—	10.0	33.8	28	0	00	6	30	2	0	0	—	9.4	29.0	36	0	—
Cairo Gîza	00	8	02	3	0	0	—	10.2	34.0	29	0	00	7	02	2	0	0	—	9.5	28.9	41	0	—
Helwân	00	8	28	4	0	0	—	9.6	32.7	22	0	00	7	30	3	0	0	—	9.1	29.8	26	0	143
Suez	00	9	30	1	0	0	—	10.0	32.9	26	0	00	9	30	2	0	0	—	9.4	28.7	43	0	144
Faiyûm	00	8	02	3	0	0	—	9.9	33.6	24	0	00	8	32	1	0	0	—	9.2	29.0	36	0	153
Minya	00	9	30	3	0	0	—	9.8	34.7	21	0	00	8	32	1	0	0	—	7.5	30.2	30	0	154
Asyût	00	7	26	1	0	0	—	9.0	34.3	26	0	00	6	26	1	0	0	—	8.4	28.0	33	0	155
Nag' Hamâdi												00	8	00	0	0	0	—	7.1	29.3	28	0	164
Qena	00	9	26	2	0	0	—	6.3	39.0	13	0	00	6	26	2	0	0	—	6.0	31.6	18	0	156
Luxor												00	6	28	3	0	0	—	6.8	32.0	28	0	157
Aswân	00	9	30	2	0	0	—	6.0	39.5	10	0	00	9	32	2	0	0	—	5.8	36.5	12	0	158
Sîwa	00	8	00	0	0	0	—	14.2	34.4	44	0	00	—	00	0	0	0	—	11.9	32.8	35	0	148
Baharîya	00	9	00	0	0	0	—	9.8	36.0	29	0	00	—	00	0	0	0	—	11.0	27.5	54	0	149
Khârga	00	9	32	2	0	0	—	9.4	35.5	16	0	00	9	23	1	0	0	—	9.2	32.3	15	0	151
Dâkhla	00	9	28	3	0	0	—	10.6	35.0	30	0	00	6	32	2	0	0	—	10.3	27.9	35	0	152
Tôr																							145
Hurghâda	00	8	02	4	0	0	—	8.0	30.2	37	0	00	8	28	4	0	0	—	6.7	28.7	41	0	146
Quseir	00	8	02	2	0	0	—	7.2	30.0	73	0	00	8	32	2	0	0	—	7.9	28.4	63	0	147
Port Sûdân	18	6	32	4	0	0	—	4	36	58													608
Wâdi Halfa	00	8	32	3	0	0	—	7	41	06													165
Kareima	00	8	06	2	1	1	4	5	43	05													166
'Atbara	01	8	28	1	0	4	4	3	42	14													167
Khartûm	25	7	26	4	8	4	8	5	39	23													169
Kassala	05	7	30	2	0	5	8	4	41	17													170
Wad Medani																							171
Renk	01	9	18	3	1	4	8	—	39	23													182
Roseires	00	8	28	1	8	2	9	8	35	44													172
El Obeid	02	9	14	2	1	5	8	7	35	39													174
El Fâsher																							175
Geneina	10	8	16	2	1	6	8,4	8	36	29													179
Kadugli	11	8	20	3	1	5	9	7	35	39													187
Malakâl																							176
Wâu	01	8	25	3	1	4	8	10	32	46													177
Juba	10	8	04	3	1	8	8,5	13	32	—													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

Matrûh	Wâdi Halfa	Kareima	Kassala	El Obeid	Malakal	Juba
13h 15m	13h	12h 45m	12h 30m	13h	13h	12h 45m
03 31 30	09 04 10	09 03 05	09 23 10	09 25 05	09 27 10	09 06 05
06 30 35	15 36 20	15 11 10	15 21 05	15 23 15		15 36 05
09 32 30	21 02 20	21 11 15	21 26 15	21 22 20		21 36 05
12 30 20	24 36 20	27 02 30	27 05 05	27 18 10		27 02 20
15 30 20	30 35 35	33 35 10		33 02 25		
21 32 30	39 31 30	39 32 15		39 07 20		
27 34 30	51 31 35					
36 34 20	60 28 30					
39 32 40						

Hours are given in standard time (long. 30 E) and are ... mean time

Station	Humidity (4th)	Diff. from normal	Temp. (4th)	Diff. from normal
Alexandria	82	+10	21.2	+1.1
Ezbekiya	51	-1	20.1	+0.2
Giza	55	+4	20.5	+1.0
Helwân	47	+8	18.7	+0.9

GIZA — Grass minimum temp. on 6th 12.8°

CAIRO — Water temp. river Nile on 5th 26.2

Discharges:

	1946	1945	1943
	5-6	1589	1331
	4-6	1273	1331

Gauge	Date	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	5-6-1946			12.98	-0.51
Nasser				7.00	-0.30
Malakal		10.14	-0.45	10.10	-0.48
J. Aulia Res.				370.76	—
J. Aulia D.S.				370.70	-0.38
Roseires		13.65	+1.13	13.35	+0.88
Sennar Res.				7.58	—
Khartûm				9.77	-0.75
Kh. el Girba				10.30	-0.16
Atbara		9.91	-0.23	9.90	-0.23
Kajnarti		131.46	-0.45	131.50	-0.41
Aswân Res.		116.82	—	116.99	—
Aswân D.S.		85.86	-0.25	85.66	-0.44
Roda (Cairo)		16.40	+0.92	16.40	+0.93

Printed ... 1945 ...

At 8h. on WEDNESDAY 5th (الساعة ٨ يوم الأربعاء ٥)

Station	ww	V	Wind Dir.	Force	W	Cloud N	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
Salûm												—		—				99
Matrûh	00	9	28	3	0	0	—	10.0	-3.5	23.6	25	-1	19	+1	—	0	101	161
Mariut	01	5	23	2	0	3	6	9		24	28	—	19	—	69	0	187	138
Alexandria	02	8	28	2	2	5	4	9.5	-3.9	22.3	27	-1	17	-3	83	0	170	186
Damietta	00	8	16	3	0	0	—	8.8	-3.4	24.5	29	—	18	—	80	0	81	106
Port Sa'îd	01	8	20	3	1	4	8	9.0	-3.1	23.8	30	+2	21	+2	80	0	71	80
El 'Arîsh	00	9	24	2	0	0	—	9.0	-3.4	26.4	27	-1	19	+2	78	0		94
Damanhûr	00	7	32	3	0	0	—	9.5	-3.4	24.8	32	0	18	+1	72	0	92	101
Mansûra	00	8	20	1	0	0	—	9.8	-2.7	23.5	35	+2	18	0	73	0	66	55
Tanta	00	8	00	0	0	0	—	10.2	-2.7	23.8	34	0	18	+1	75	0	86	44
Zagazig	00	6	28	2	0	0	—	9.6	-3.1	24.2	35	+1	17	0	72	0	24	27
Shebîn el Kôm	00	8	24	2	0	0	—	9.6	-3.1	24.7	36	—	19	—	65	0	36	—
Cairo Almaza	05	6	00	0	1	0	—	10.8	-2.0	22.0	36	—	18	—	79	0	10	—
Cairo Ezbekîya	05	6	26	2	4	0	—	10.0	-2.5	22.9	35	+1	18	-1	67	0	22	26
Cairo Gîza	00	7	02	1	4	0	—	9.6	-2.8	23.2	35	+1	17	0	73	0	41	26
Helwân	05	6	00	0	0	0	—	9.5	-2.8	22.0	34	0	19	0	75	0	20	29
Suez	00	9	32	1	0	0	—	10.3	-1.3	25.1	35	+1	20	0	58	0		17
Faiyûm	00	8	02	2	0	0	—	9.5	-2.7	25.8	35	0	19	0	55	0	13	8
Minya	00	9	28	2	0	0	—	9.1	-2.3	27.0	36	0	19	0	44	0	dr.	—
Asyût	00	7	20	1	0	0	—	9.4	-1.8	28.0	36	0	21	0	37	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	8.8	-0.9	29.7	36	—	22	—	43	0	1	—
Qena	00	8	26	2	0	0	—	7.9	-1.7	29.0	40	0	22	-1	42	0	13	—
Luxor	00	7	12	1	0	0	—	8.7	-0.7	34.0	40	-7	21	-0	33	0	0	—
Aswân	00	9	32	1	0	0	—	7.9	-1.7	29.0	40	-1	24	-1	24	0	dr.	—
Sîwa	00	7	00	0	0	0	—	12.8	-1.0	26.4	37	0	20	+2	58	0	5	8
Baharîya	00	9	00	0	0	0	—	11.9	-1.0	29.0	38	+2	20	+2	52	0	0	7
Khârga	00	9	08	1	0	0	—	10.3	+0.1	30.0	37	-2	22	-1	30	0	1	—
Dâkhla	00	8	24	1	0	0	—	10.8	-0.6	28.7	36	-3	22	0	38	0	0	—
Tôr																	0	13
Hurghâda	00	8	30	3	0	0	—	7.3	-2.4	29.4	32	-2	23	+1	31	0	1	3
Quseir	00	8	32	2	0	0	—	6.7	-2.5	29.7	32	0	25	0	53	0	11	4
Port Sûdân	00	8	32	1	0	0	—	5		33					56	0	18	97
Wâdi Halfa	00	8	00	0	0	0	—	9		28					20	0	tr.	—
Kareima	00	8	04	3	0	1	4	7		33					15	0	7	2
'Atbara	02	8	32	2	1	7	4	7		32					17	0	8	7
Khartûm	00	8	20	3	0	1	2	9		31					41	0	7	8
Kassala	02	8	18	3	1	8	1	11		28					58	2	33	26
Wad Medani																0	14	28
Renk	02	9	20	4	2	5	4	—		23		—		—	94	—	—	99
Roseires	50	7	08	1	6	8	5	—		22					94	10	225	124
El Obeid																0	55	40
El Fâsher	02	9	14	3	1	8	8,4	—	—	23					94	4	6	17
Geneina	02	9	00	0	8	7	4,5	—	—	23		—		—	78	—	—	33
Kadugli																		198
Malakâl	02	8	08	1	1	5	4	14		23					89	3	253	215
Wâu	62	8	18	2	9	8	5	13		22					88	4	149	393
Juba	02	8	12	1	1	6	8,5	15		23					94	1	573	484

Upper Winds are in the Code HHDDVV where HH is Height 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	Port Sa'îd	Asyût	Aswân	Kareima
7h 30m	8h 45m	7h	7h	7h
03 31 30	02 33 15	02 29 10	02 01 10	09 36 10
06 32 30	05 33 05	05 01 30	05 36 40	15 31 30
09 32 35	08 34 02	10 01 25	10 02 30	21 33 25
12 30 30	10 34 10	15 34 30	15 36 25	24 31 15
15 30 30	15 34 10		20 30 10	30 26 15
18 01 30	20 34 15		25 28 25	39 31 20
21 29 35	30 33 30		30 32 24	
24 29 40	40 33 35		35 30 25	
27 28 25	47 33 35			

Port Sûdân	Geneina	Malakal
7h	7h	7h
09 30 05	09 15 30	09 17 15
15 34 10	15 13 20	15 25 30
	21 10 30	
	27 07 40	
	33 06 25	
	39 05 55	

Upper Air Temp. Almaza at 23 ... on 5th

Height feet			
Surface	1001	73	63
500	983	76	59
1000	965	75	58
1500	948	73	56
2000	931	71	55
4000	864	66	48
6000	802	59	40
8000	743	52	34
10000	688	46	32
12000	636	36	28
14000	588	31	26
16000	542	25	22

Cyprus Synoptic 8h on 5th

34750 01764 14314 07241 90103 00190
34810 00862 10342 07231 90300 00180

WIND FORCE (F): Calm; Almost calm; Very light; Light; Moderate; Fresh; Strong; Very strong; Gale; Strong gale; Whole gale; Storm; Hurricane over 104

WIND DIRECTION (DD) is on Scale ... 08 - East, ... South, 24 - West, ... North, 00 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	
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	
Rain	6
Snow, sleet	
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres 0 ... Visible over 50 kms 9

CLOUD AMOUNT (N)

Clear 0 ... Overcast 8, Sky ... Dust 9

CLOUD FORM (C)

Cirrus; 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. 50

CAIRO Time of Sunrise h. m. 06 53
Sunset 18 53

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JUNE 1946 — شهر يونيه ١٩٤٦

1417 F.O.

At 14h. on WEDNESDAY 5th / At 20h. on 5th (الساعة ١٤ يوم الأربعاء ٥ / 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 8-14 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 14-20 mms	Station Number
MEDITERRANEAN	SALUM																							130
	MATRUH	00	9	28	3	0	0	—	9.5	24.0	77	0	00	9	24	2	0	0	—	9.2	22.0	76	0	131
	MARIUT	00	7	26	3	0	0	—	9	26	70	0	00	7	28	2	0	0	—	9	23	74	0	150
	ALEXANDRIA	00	8	24	3	0	0	—	9.0	25.6	71	0	00	6	00	0	0	0	—	9.4	22.4	72	0	132
	DAMIETTA	00	8	28	3	0	0	—	7.8	29.8	59	0	00	7	26	2	0	0	—	8.4	23.5	87	0	159
	PORT SA'ID	00	7	02	2	0	0	—	8.0	29.0	66	0	00	8	30	2	0	0	—	8.2	23.9	71	0	134
	EL 'ARISH	00	9	32	3	0	0	—	8.3	26.6	68	0	00	9	00	0	0	0	—	7.9	22.1	92	0	135
LOWER EGYPT	DAMANHUR	00	6	04	4	0	0	—	8.4	32.4	39	0	00	7	04	3	0	0	—	8.6	23.4	65	0	136
	MANSURA	00	8	24	1	0	0	—	7.4	35.0	24	0	00	6	28	1	0	0	—	8.7	25.8	56	0	137
	TANTA	00	8	20	1	0	0	—	8.0	34.8	25	0	00	8	24	1	0	0	—	8.6	26.6	45	0	138
	ZAGAZIG	00	6	20	2	0	0	—	7.1	33.2	32	0	00	6	32	2	0	0	—	—		55	0	139
	SHEBIN EL KOM	00	8	30	2	0	0	—	—	35.7	22	0	00	7	30	2	0	0	—	7.5	27.8	41	0	—
MIDDLE EGYPT	CAIRO ALMAZA	00	8	28	2	0	0	—	7.4	34.2	16	0	05	6	30	2	0	0	—	8.1	30.5	30	0	141
	CAIRO EZBEKIYA	00	8	30	2	0	0	—	7.6	34.1	20	0	00	7	28	2	0	0	—	8.0	30.0	35	0	—
	CAIRO GIZA	00	8	32	2	0	0	—	7.9	34.9	22	0	00	7	28	2	0	0	—	8.2	31.0	41	0	—
	HELWAN	00	8	28	1	0	0	—	7.4	33.0	16	0	00	6	28	3	0	0	—	7.9	30.3	28	0	143
	SUEZ	00	9	32	1	0	0	—	8.0	34.3	26	0	00	9	32	1	0	0	—	9.5	28.6	51	0	144
UPPER EGYPT	FAIYUM	00	8	32	2	0	0	—	7.6	34.0	23	0	00	8	30	1	0	0	—	—	30.9	38	0	153
	MINYA	00	9	04	3	0	0	—	7.0	36.8	14	0	00	8	30	1	0	0	—	7.4	31.1	28	0	154
	ASYUT	00	8	22	1	0	0	—	8.0	36.0	17	0	00	6	30	1	0	0	—	8.2	30.0	27	0	155
	NAG HAMADI	00	8	32	1	0	0	—	6.3	36.3	21	0	00	8	00	0	0	0	—	7.0	30.0	29	0	164
	QENA	00	9	26	2	0	0	—	6.0	39.0	12	0	00	6	24	1	0	0	—	—	33.4	16	0	156
	LUXOR	00	7	30	2	0	0	—	5.9	39.0	29	0												157
	ASWAN	00	9	30	2	0	0	—	5.1	38.4	11	0	00	9	32	1	0	0	—	6.6	36.0	10	0	158
WESTERN DESERT	SIWA	00	8	28	2	0	0	—	11.2	36.6	33	0	00	—	00	0	0	0	—	10.0	33.0	44	0	148
	BAHARIYA	00	9	00	0	0	0	—	11.1	36.0	33	0												149
	KHARGA	00	9	24	1	0	0	—	—	36.8	14	0	00	9	32	1	0	0	—	7.8	34.2	17	0	151
	DAKHLA	00	9	28	3	0	0	—	8.7	36.7	26	0	00	7	32	2	0	0	—	9.5	28.2	40	0	152
RED SEA	TOR	00	7	28	4	0	0	—	6.6	31.1	34	0	00	7	28	3	0	0	—	5.9	30.6	48	0	145
	HURGHADA	00	8	02	3	0	0	—	6.5	30.7	41	0	00	8	28	2	0	0	—	6.8	29.4	41	0	146
	QUSEIR	00	9	32	2	0	0	—	6.0	30.4	73	0	00	8	02	1	0	0	—	6.7	29.2	57	0	147
	PORT SUDAN																							168
NORTH SUDAN	WADI HALFA	00	8	32	3	0	0	—	6	39	07													165
	KAREIMA	00	8	32	2	0	1	1	6	41	07													166
	ATBARA	02	8	24	3	1	8	2	3	42	08													167
	KHARTUM	01	8	20	4	1	5	8,1	6	38	27													169
	KASSALA	02	8	24	3	1	6	8,2	5	37	27													170
CENTRAL SUDAN	WAD MEDANI	18	8	20	6	3	6	4	7	34	36													171
	RENK	01	9	20	3	1	4	4	8	31	49													182
	ROSEIRES	02	8	16	1	2	8	5	10	—	—													172
	EL OBEID	02	9	18	3	1	5	4,1	9	29	57													174
	EL FASHER																							175
	GENEINA																							179
	KADUGLI																							187
S. SUDAN	MALAKAL	01	9	16	4	1	4	1	11	31	52													176
	WAU	02	7	32	4	6	8	8	12	26	79													177
	JUBA	01	8	00	0	1	4	8,4	10	32	49													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 5th

MATRUH	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
13 15								12 45		13h.	12h. 45m.	14h.	13h.
033130								093510		092430	092320	092405	091910
062930								153515		152320	152320	152715	152015
092530								213115		212820	211120	212525	212220
152850								272725		272715	271130	272020	272220
212955								332315		333315	330720	301720	332430
302955								392530		390420	390715		

Mean of day

Station	5th	Diff. from normal	5th	Diff. from normal
Alexandria	75	+3	20.6	+0.4
Ezbekiya	49	-3	19.7	-0.2
Giza	54	+3	20.7	+1.1
Helwan	49	+10	18.6	+0.7

GIZA — Grass minimum temp. on 6th 14.5° C

CAIRO — Water temp. River Nile on 6th 26.4 °C

Discharges at Aswan measured by sluices m³ per sec.		
6th	1389	1331
5th	1389	1331

Gauge	Date 946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	6th			13.40	-0.09
Nasser				7.16	-0.20
Malakal		10.19	-0.43	10.14	-0.45
J. Aulia Res.				370.77	—
J. Aulia D.S.				370.71	-0.38
Roseires				13.65	+1.13
Sennar Res.				7.28	—
Khartum				9.75	-0.79
Kh. el Girba					
Atbara		9.93	-0.23	9.91	-0.23
Kajnarti		131.42	-0.47	131.45	-0.45
Aswan Res.		116.62	—	116.82	—
Aswan D.S.		85.86	-0.27	85.86	-0.25
Roda (Cairo)		16.40	+0.92	16.40	+0.92

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

At 8h. on THURSDAY 6th (الساعة ٨ يوم الخميس ٦)

	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. 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	SALUM												—		—				99
	MATRUH	01	9	28	3	0	4	8	9.0	-4.5	21.4	25	-1	17	-1	86	0	101	161
	MARIUT	01	7	24	1	1	4	6	8		24	28		18		69	0	187	138
	ALEXANDRIA	02	9	24	2	1	5	4	8.0	-5.4	23.4	27	-1	21	+1	72	0	170	186
	DAMIETTA	00	8	22	3	0	0	—	7.6	-4.5	25.5	32		19		67	0	81	106
	PORT SA'ID	00	8	20	2	0	0	—	7.5	-4.5	25.9	30	+2	21	+1	59	0	71	80
	EL 'ARISH	00	9	00	0	0	0	—	6.7	-5.6	29.7	29	+1	18	+1	42	0	—	94
LOWER EGYPT	DAMANHUR	00	7	28	3	0	0	—	8.4	-4.4	25.0	33	+1	19	+1	64	0	92	101
	MANSURA	00	8	24	1	0	0	—	7.9	-4.5	26.0	36	+3	18	0	42	0	66	55
	TANTA	00	8	24	1	0	0	—	8.3	-4.6	25.0	35	+1	18	+1	47	0	86	44
	ZAGAZIG	00	6	20	2	0	0	—	7.5	-5.2	28.6	35	+1	21	+4	52	0	24	27
	SHEBIN EL KOM	00	8	22	2	0	0	—	8.8	-3.9	27.8	37		19		38	0	36	
MIDDLE EGYPT	CAIRO ALMAZA	00	6	26	1	0	0	—	7.5	-4.9	29.6	36	—	21	—	29	0	10	—
	CAIRO EZBEKIYA	05	6	16	1	0	0	—	7.8	-4.6	30.0	36	+1	21	+2	36	0	22	26
	CAIRO GIZA	00	7	20	1	0	0	—	8.3	-4.1	29.0	36	+2	18	+1	52	0	41	26
	HELWAN	00	7	00	0	0	0	—	7.6	-4.6	28.9	35	+1	21	+2	42	0	20	29
	SUEZ	00	9	10	1	0	0	—	—	—	29.4	37	+3	22	+2	48	0	—	17
UPPER EGYPT	FAIYUM	00	8	02	1	0	0	—	8.2	-3.9	29.5	36	+1	21	+2	41	0	13	8
	MINYA	00	9	16	1	0	0	—	8.2	-3.2	28.8	37	+1	21	+2	40	0	dr.	
	ASYUT	00	7	04	1	0	0	—	9.2	-2.0	31.8	37	0	23	+2	29	0	0	4
	NAG HAMADI	00	8	00	0	0	0	—	9.4	-0.2	31.0	36		18		27	0	1	—
	QENA	00	8	28	1	0	0	—	8.7	-0.8	28.8	41	+1	22	-1	35	0	13	—
	LUXOR																	0	—
	ASWAN	00	9	32	1	0	0	—	9.0	-0.5	31.0	39	-2	24	-1	19	0	dr.	—
WESTERN DESERT	SIWA	00	7	00	0	0	0	—	10.0	-3.8	25.7	38	+1	18	0	60	0	5	8
	BAHARIYA																	0	7
	KHARGA	00	9	00	0	0	0	—	11.8	+1.7	31.2	38	-1	21	-2	29	0	1	—
	DAKHLA	00	8	08	1	0	0	—	10.7	-0.7	27.8	38	-1	22	0	39	0	0	
RED SEA	TOR	00	7	28	4	0	0	—	8.2	-1.1	29.2	34	+1	23	+1	78	0	0	13
	HURGHADA	00	8	02	3	0	0	—	7.8	-1.7	28.7	33	-1	24	+2	58	0	1	3
	QUSEIR	00	8	02	1	0	0	—	7.5	-1.6	31.3	33	+1	26	+1	44	0	11	4
	PORT SUDAN																0	18	97
NORTH SUDAN	WADI HALFA	00	8	02	1	0	0	—	10		28					16	0	tr.	—
	KAREIMA	00	8	02	3	0	1	1	8		33					14	0	7	2
	ATBARA	00	8	00	0	1	2	1	8		33					23	0	8	7
	KHARTUM	00	8	20	2	1	1	4	8		31					43	0	7	8
	KASSALA	01	8	16	2	1	5	4,2	10		30					43	0	33	27
CENTRAL SUDAN	WAD MEDANI	01	8	16	3	1	4	1	10		29					49	0	14	29
	RENK	00	9	18	3	0	0	—	—		28		—		—	58	—	—	102
	ROSEIRES																0	225	132
	EL OBEID	02	8	20	2	1	6	4,5	11	—	25					79	0	55	41
	EL FASHER	01	9	18	2	1	4	4,5	—	—	24					74	0	6	18
	GENEINA	01	9	16	2	1	5	4			23		—		—	78	—	—	34
	KADUGLI																	—	202
S. SUDAN	MALAKAL	02	8	20	1	1	6	4,5	13		26					74	0	253	219
	WAU	02	8	00	0	1	6	6,4	13		23					94	tr.	149	398
	JUBA	02	8	12	1	1	8	6,4	14		24					94	10	583	489

Upper Winds are in the Code HHDDVV where HH is Height 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 (الرياح العليا يوم ٦)

MATRUH	MARIUT	PORT SA'ID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
7h 45	6h 45				7h	6 30	7	7 15	7	7	7
033030	032715				021605	033615	023410	090320	093540	093625	091720
063030					051405	063630	050120	153520	153330	153320	152815
093025					103320	090835	103645	213320	213050	213220	213015
152850					153030	152625	153520	273515	242950	272820	243215
212755						213615	203115	333330		332530	
						303125	253130	393320		392535	
						423040				512230	
										572620	
										632915	

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
		7h		7	7
		092310		092220	092220
		152330		152115	151710
		212045		211135	211815
		271820		270540	272110
				331320	331935

Upper air temp. — ALMAZA at 23h. on 5th

Height	mb		
Surface	1001	74	63
500	983	73	62
1000	965	73	57
1500	948	75	56
2000	931	73	55
4000	865	68	54
6000	802	59	48
8000	744	50	41
10000	689	42	34
12000	634	33	28
14000	589	27	23
16000	543	22	19

Cyprus synoptic on 6th

34750 01864 18314 07261 70003 00170
34810 00852 10342 06241 60901 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
Variable sky
Mainly overcast
Sandstorm, Duststorm
Fog, thick dust haze
Drizzle
Rain
Snow, sleet
Showers
Thunderstorm

VISIBILITY (V)

Objects not visible at
50 metres
200
500
1 Kilometre

WIND FORCE (F)

Calm
Light
Moderate
Strong
Very strong
Gale
Strong gale
Storm
Hurricane

WIND DIRECTION (DD)
08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm

CLOUD FORM (C)

Strato-cumulus 6
Nimbo-stratus 7
Stratus 0

CAIRO Time of Sunrise 04 h. 53 m. Sunset 18 h. 54 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on THURSDAY 6th — الساعة ١٤ يوم ٦ / At 20h. on 6th — الساعة ٢٠ يوم الخميس ٦

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	28	3	1	0	—	9.2	23.2	73	0	00	8	28	3	0	3	8	9.2	21.0	84	0	131
MARIUT	00	7	27	3	0	0	—	8	25	61	0	00	7	30	2	0	1	1	8	22	78	0	150
ALEXANDRIA	01	9	28	3	2	3	4	8.3	25.4	69	0	01	6	28	2	2	3	4	9.0	22.4	71	0	132
DAMIETTA	00	7	32	4	0	0	—	7.4	25.0	82	0	00	7	28	2	0	0	—	7.4	22.5	87	0	159
PORT SA'ÎD	14	8	32	5	3	3	4	7.1	27.8	68	0	01	8	30	2	1	4	4	7.9	22.8	83	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	8.4	26.1	74	0	00	9	02	1	0	0	—	8.4	24.1	88	0	135
LOWER EGYPT DAMANHÛR	00	7	04	2	0	0	—	7.2	29.3	45	0	00	7	04	2	0	2	1	7.8	23.9	68	0	136
MANSÛRA	01	8	30	2	1	4	8	6.7	34.5	27	0	00	6	04	2	1	0	—	8.2	23.6	70	0	137
TANTA	00	8	20	1	0	3	8	6.6	34.0	27	0	00	8	24	1	0	0	—	7.6	24.3	56	0	138
ZAGAZIG	00	6	28	2	0	0	—	6.4	34.2	27	0	00	6	16	2	0	0	—	7.2	25.0	58	0	139
SHEBÎN EL KÔM	00	8	30	2	0	0	—	6.3	35.8	25	0	00	7	30	2	0	0	—	7.0	26.2	43	0	—
MIDDLE EGYPT CAIRO ALMAZA	01	8	28	2	0	4	8,4	6.0	35.4	14	0	05	6	30	2	1	0	—	7.2	28.0	43	0	141
CAIRO EZBEKÎYA	01	8	30	3	0	3	8	5.9	36.1	19	0	00	7	30	3	0	0	—	7.5	27.7	39	0	—
CAIRO GÎZA	01	8	22	3	1	2	8	6.2	38.4	24	0	00	7	30	3	0	0	—	7.6	28.2	48	0	—
HELWÂN	00	8	20	4	0	3	4	5.4	36.0	17	0	00	7	30	4	0	0	—	6.7	28.4	34	0	143
SUEZ	01	9	10	1	1	4	5	6.2	32.4	40	0	00	9	32	2	0	0	—	7.2	27.3	60	0	144
UPPER EGYPT FAIYÛM	01	8	22	2	1	4	6	5.2	36.5	23	0	00	8	30	2	0	0	—	6.7	29.1	39	0	153
MINYA	02	8	24	3	2	5	8	5.5	39.9	15	0	00	8	32	2	1	0	—	6.0	31.8	25	0	154
ASYÛT	00	8	22	1	0	0	—	7.2	38.2	16	0	00	6	24	1	0	0	—	7.1	30.1	36	0	155
NAG' HAMÂDI	00	8	32	1	0	0	—	7.0	37.0	18	0	00	8	00	0	0	0	—	6.8	27.8	48	0	164
QENA	00	9	22	2	0	0	—	6.9	39.4	21	0	00	6	24	1	0	0	—	6.0	32.0	30	0	156
LUXOR	00	7	04	1	0	0	—	6.3	40.0		0	00	6	28	2	0	0	—	7.0	31.7	30	0	157
ASWÂN	00	9	32	2	0	0	—	5.9	39.0	07	0	00	9	00	0	0	0	—	5.8	36.0	13	0	158
WESTERN DESERT SÎWA	00	8	28	3	0	0	—	10.2	32.3	42	0	00		28	2	0	0	—	9.4	30.6	44	0	148
BAHARÎYA	00	9	00	0	0	0	—	8.9	37.0	30	0	00		32	1	0	0	—	—	27.0	56	0	149
KHÂRGA	00	9	23	1	0	0	—	8.2	40.0	15	0												151
DÂKHLA	00	9	28	2	0	0	—	8.2	39.1	24	0	00	7	28	1	0	0	—	9.0	28.9	36	0	152
RED SEA TÔR	00	7	28	3	0	0	—	7.2	34.1	53	0	00	7	28	3	0	0	—	6.4	30.9	57	0	145
HURGHÂDA	00	8	04	3	0	0	—	7.9	33.8	26	0	00	8	04	2	0	0	—	7.1	32.4	41	0	146
QUSEIR	00	8	32	1	0	0	—	6.8	32.4	46	0	00	8	04	1	0	0	—	6.7	29.6	45	0	147
PORT SÛDÂN																							2008
NORTH SÛDÂN WÂDI HALFA																							165
KAREIMA																							166
ATBARA																							167
KHARTÛM																							2009
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 are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

6th

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13 h. 15 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.
	03 26 18												
	06 26 38												
	09 27 30												
	12 27 30												
	15 27 35												
	18 27 35												
	21 27 50												

Station	Humidity 6th	Diff.	Min. temp 6th	Diff.
Alexandria	69	-3	20.0	-0.3
Ezbekiya	36	-16	19.9	-0.1
Gîza	47	-4	22.0	+2.3
Helwân	35	-4	19.6	+1.7

GÎZA — GRASS MINIMUM TEMP ON 7th 14.0° C

CAIRO — WATER TEMP RIVER NILE AT 8h ON 7th 26.2° C

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	7-6	1389	1389
	6-6	1389	1331

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	7-6-1946	13.00	-0.49	13.20	-0.29
Nasser		7.22	-0.26	7.22	-0.21
Malakâl		10.26	-0.38	10.19	-0.43
J. Aulia Res				370.75	—
J. Aulia D.S				370.70	-0.41
Roseires		13.16	+0.47	13.26	+0.66
Sennar Res.		6.70	—	7.02	—
Khartûm		9.94	-0.64	9.79	-0.77
Kh. el Girba					
Atbara		9.92	-0.26	9.93	-0.23
Kajnarti		131.41	-0.47	131.42	-0.47
Aswân Res.		116.42	—	116.62	—
Aswân D.S		85.86	-0.29	85.86	-0.27
Roda (Cairo)		16.40	+0.91	16.40	+0.92

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

At 8h. on FRIDAY 7th — الساعة ٨ يوم الجمعة ٧

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. (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												—		—				99
MATRÛH	01	9	00	0	0	4	8	10.7	-2.7	22.4	24	-2	16	-2	76	0	101	161
MARIUT	01	7	24	1	1	4	6	8		24	26	—	18	—	69	0	187	138
ALEXANDRIA	01	9	08	2	1	4	8	9.8	-3.6	25.0	27	-1	20	0	61	0	170	186
DAMIETTA	00	8	20	2	1	3	8	9.0	-3.0	24.0	30	—	18	—	69	0	81	106
PORT SA'ÎD	01	8	28	2	1	3	8	9.5	-2.5	24.8	30	+2	21	+1	69	0	71	80
EL 'ARÎSH	00	9	00	0	0	0	—	8.8	-3.4	27.3	29	+1	18	+1	64	0		94
LOWER EGYPT DAMANHÛR	01	7	32	3	1	4	8	8.3	-4.4	23.2	33	+1	19	+1	72	0	92	101
MANSÛRA	01	8	16	1	1	3	0	9.9	-2.5	25.5	35	+2	19	+1	60	0	66	55
TANTA	00	8	28	1	0	0	—	9.9	-2.9	25.0	34	0	16	-1	62	0	86	44
ZAGAZIG	00	6	16	2	0	0	—	9.6	-3.0	26.2	35	+1	18	+1	62	0	24	27
SHEBÎN EL KÔM	00	8	02	1	0	0	—	8.8	-3.8	25.6	36	—	18	—	63	0	36	—
MIDDLE EGYPT CAIRO ALMAZA	00	7	08	1	0	0	—	9.1	-3.3	24.6	38	—	20	—	68	0	10	—
CAIRO EZBEKÎYA	05	6	32	2	0	0	—	9.2	-3.2	26.0	37	+2	20	+1	60	0	22	26
CAIRO GÎZA	00	7	02	1	0	0	—	9.4	-2.9	24.1	39	+5	17	0	72	0	41	26
HELWÂN	00	7	00	0	0	0	—	9.1	-3.1	24.6	37	+3	19	0	56	0	20	29
SUEZ	00	9	02	1	0	0	—	9.5	-2.0	29.5	37	+3	21	+1	39	0		17
UPPER EGYPT FAIYÛM	00	8	02	1	0	0	—	9.2	-2.9	25.6	38	+2	20	+1	60	0	13	8
MINYA	00	9	32	2	0	0	—	8.7	-2.6	26.6	41	+5	20	+1	45	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	8.7	-2.4	28.0	40	+3	22	+1	40	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.7	-0.9	30.4	38	—	20	—	34	0	1	—
QENA	00	8	16	1	0	0	—	7.5	-1.9	30.0	41	+1	21	-2	37	0	13	—
LUXOR	00	7	32	2	0	0	—	8.0	-1.3	32.6	41	0	22	-1	22	0	0	—
ASWÂN	00	9	00	0	0	0	—	8.4	-1.0	31.4	40	-1	25	0	30	0	dr.	—
WESTERN DESERT SÎWA	00	7	28	2	0	0	—	12.4	-1.4	22.0	35	-2	18	0	69	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	10.9	-1.9	28.7	39	+3	20	+1	55	0	0	7
KHÂRGA																	1	—
DÂKHLA	00	8	28	1	0	0	—	10.6	-0.8	27.8	40	+1	24	+2	36	0	0	—
RED SEA TÔR	00	7	28	3	0	0	—	8.4	-0.8	27.8	36	+3	23	+1	67	0	0	13
HURGHÂDA	00	8	32	2	0	0	—	8.2	-1.2	28.3	35	+1	24	+2	57	0	1	3
QUSEIR	00	8	30	1	0	0	—	6.8	-2.2	31.0	35	+3	27	+2	46	0	11	4
PORT SÛDÂN	00	8	02	1	0	1	2	7		34					39	0	18	97
NORTH SÛDÂN WÂDI HALFA	00	8	24	1	0	0	—	9		29					22	0	tr.	—
KAREIMA	00	9	04	1	0	0	—	9		31					17	0	7	2
ATBARA	00	8	30	2	0	3	1	8		32					18	0	8	7
KHARTÛM	00	8	18	3	1	0	—	9		32					43	0	7	9
KASSALA	02	8	18	3	1	5	2	9		31					38	0	33	28
CENTRAL SÛDÂN WAD MEDANI	01	9	20	5	1	4	5	11		28					58	0	14	30
RENK	02	8	12	3	2	5	8	10?		26		—		—	79	—	—	104
ROSEIRES	02	7	18	4	2	8	7,5	—		26					79	0	225	136
EL OBEID	00	9	14	3	0	3	4,2	9		28					55	0	55	42
EL FÂSHER	01	9	00	0	1	5	4	—	—	31					46	0	6	18
GENEINA	01	8	00	0	1	2	4	—	—	24		—		—	24	—	—	35
KADUGLI	62	8	20	3	9	7	9	13		22		—		—	69	—	—	205
S. SÛDÂN MALAKÂL	02	8	00	0	1	8	4,5	11		25					79	8	261	223
WÂU	02	8	24	2	1	6	4	14		24					74	0	149	403
JUBA																0	583	494

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	6 h. 45 m.	6 h. 45 m.	h. m.	7 h. 15 m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	8 h. 45 m.
	03 02 05	03 26 10		03 30 05	—			09 01 15	09 35 30	09 01 25	09 12 45
	06 04 15	06 20 10		06 09 05				15 36 15	15 33 50	15 33 20	15 28 15
	09 01 15	09 26 20		09 10 15				21 02 10	21 28 20	21 30 35	21 0? 15
	12 33 10	15 25 30		15 05 10				27 32 15	27 28 35	27 27 30	24 02 20
	15 36 —							33 32 30		33 25 30	30 08 10
								39 26 10		39 27 25	39 36 10
								51 29 20		51 22 05	51 33 3?

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	6 h. 45 m.		7 h. m.	7 h. m.
09 22 20	09 33 05	09 22 30		09 21 05	09 26 10
15 28 10	15 01 15	15 25 20		15 15 05	15 24 10
21 29 25	21 02 15	21 30 05		21 05 10	21 19 10
27 33 20	27 01 10	27 03 15		27 09 10	27 35 05
33 35 05	33 32 05	33 05 20		33 07 40	30 03 05
39 36 10	36 26 05			39 06 30	39 36 05
51 33 15					51 15 10

UPPER AIR TEMP ALMÂZA AT 23 ... 7th

HEIGHT FEET	mb.		
Surface	999	72	62
500	981	71	62
1000	963	70	61
1500	946	68	55
2000	929	66	54
4000	863	63	52
6000	800	59	47
8000	742	49	39
10000	687	41	31
12000	636	35	27
14000	587	29	28
16000	542	24	20

CYPRUS SYNOPTIC 8h. ON 7th

34710 01874 18414 07261 90102 00160

34820 01854 26214 08231 70303 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 " " " " 47
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- " of Snow 83, 84
- " of Sleet 85, 86
- " of Hail 88, 89
- Thunderstorm 90-99
- " ended, now Rain 91
- " with Hail 94-96
- " with Duststorm 98
- " heavy with Hail 99

PAST WEATHER (W)

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

VISIBILITY (V)

- Objects not visible at 50 metres 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
- 3 Tenths 3
- 5 Tenths 4
- [illegible]
- [illegible]
- Overcast 8

WIND FORCE (F)

- Calm 0
- Light air, almost calm 1
- [illegible]
- Light 3
- Moderate 26 4
- Fresh 5
- Strong -44 6
- Very strong 45-54 7
- Gale 55-65 8
- Strong gale 66-77 9
- Whole gale 78-90 10
- Storm 91-104 11
- Hurricane over 104 12

WIND DIRECTION (DD)

Is on Scale 00-32. e.g. 08 = East, 18 = 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

Time of Sunrise 04 h. 53 m.
Sunset 18 h. 54 m.

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on FRIDAY 7th (الساعة ١٤ يوم الجمعة ٧) — At 20h. on 7th (الساعة ٢٠ يوم الجمعة 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 8-14h 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	30	3	1	0	—	11.0	23.4	73	0	00	8	30	3	0	3	8	12.2	21.5	87	0	131
	MARIUT	00	8	31	3	0	1	8	10	26	55	0	00	7	30	2	0	0	—	10	22	65	0	150
	ALEXANDRIA	01	9	04	2	2	3	4	10.7	26.4	58	0	01	6	04	1	2	3	8	11.2	22.0	74	0	132
	DAMIETTA	00	8	20	4	1	1	8	9.4	25.0	76	0	00	8	30	3	0	0	—	9.5	22.9	82	0	159
	PORT SA'ÎD	14	8	30	5	3	3	8	9.5	26.3	65	0	00	8	30	4	0	0	—	10.2	22.7	74	0	134
	EL 'ARÎSH	20	9	28	3	0	0	—	8.8	25.0	72	0	02	9	32	2	1	5	1	9.9	23.5	70	0	135
Lower Egypt	DAMANHÛR	01	7	04	3	1	3	8	9.2	28.0	42	0	00	7	04	3	1	0	—	9.9	23.0	68	0	136
	MANSÛRA	01	8	32	2	1	4	8	9.1	30.0	38	0	00	6	32	2	1	0	—	9.9	23.8	59	0	137
	TANTA	00	8	24	1	0	0	—	9.4	31.1	37	0	00	8	32	1	0	0	—	10.2	24.0	67	0	138
	ZAGAZIG	00	6	32	3	0	0	—	9.2	32.8	26?	0	00	6	16	2	0	0	—	10.2	23.2	67	0	139
	SHEBÎN EL KÔM	00	8	22	3	0	1	8	8.4	32.9	29	0	00	7	30	3	0	0	—	9.0	24.1	57	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	28	3	0	2	8	8.0	32.3	24	0	00	7	04	3	0	0	—	9.3	26.3	48	0	141
	CAIRO EZBEKÎYA	00	8	26	3	0	0	—	8.3	32.5	23	0	00	7	32	3	0	0	—	9.2	25.9	46	0	—
	CAIRO GÎZA	00	7	28	2	0	0	—	8.4	33.1	30	0	00	6	02	3	0	0	—	9.3	26.8	54	0	—
	HELWÂN	00	8	23	4	0	1	8	7.9	31.6	19	0	00	7	32	5	0	0	—	8.7	26.3	45	0	143
	SUEZ	00	9	30	2	0	0	—	7.6	33.4	23	0	00	9	30	2	0	0	—	8.9	24.8	64	0	144
Upper Egypt	FAIYÛM	00	8	30	1	0	2	8	7.9	33.0	27	0	00	8	32	1	0	0	—	8.6	28.0	43	0	153
	MINYA	00	9	02	2	0	0	—	6.3	34.7	19	0	00	9	30	1	0	0	—	7.5	30.0	25	0	154
	ASYÛT	00	8	26	1	0	0	—	7.4	36.2	19	0	00	6	22	1	0	0	—	7.8	30.0	25	0	155
	NAG HAMÂDI	00	8	00	0	0	0	—	5.6	40.0	16	0	00	8	00	0	0	0	—	6.8	29.8	31	0	164
	QENA	00	6	22	3	0	0	—	5.1	40.4	16	0	00	6	26	2	0	0	—	5.9	33.4	19	0	156
	LUXOR	00	7	26	3	0	0	—	5.4	41.5	28	0	00	6	28	3	0	0	—	5.9	34.7	24	0	157
	ASWÂN	00	9	24	2	0	0	—	5.5	40.2	13	0	00	9	00	0	0	0	—	5.5	38.0	12	0	158
Western Desert	SÎWA	00	8	28	4	0	0	—	12.3	30.3	40	0	00	—	28	2	0	0	—	11.5	29.2	45	0	148
	BAHARÎYA	00	9	32	1	0	0	—	11.1	36.4	28	0	00	—	00	0	0	0	—	11.6	27.4	54	0	149
	KHÂRGA	00	9	24	1	0	0	—	7.6	36.5		0	00	9	32	1	0	0	—	7.6	29.3	34	0	151
	DAKHLA	00	9	32	2	0	0	—	8.6	36.7	26	0	00	7	32	1	0	0	—	10.8	26.4	28	0	152
Red Sea	TÔR	00	7	28	3	0	0	—	7.9	30.7	50	0	00	7	28	4	0	0	—	7.2	30.5	71	0	145
	HURGHÂDA	00	8	04	1	0	0	—	7.7	33.2	32	0	00	8	28	3	0	0	—	6.6	31.7	39	0	146
	QUSEIR	00	8	04	1	0	0	—	6.6	33.2	57	0	00	8	06	2	0	0	—	6.4	31.2	58	0	147
	PORT SUDÂN	00	8	04	3	0	2	2	5	35	59													208
North Sûdân	WADI HALFA	00	8	24	2	0	0	—	6	41	10													165
	KAREIMA	00	8	30	3	0	0	—	6	42	06													166
	ATBARA	01	8	30	3	0	4	1	5	41	13													167
	KHARTÛM	01	8	32	1	0	4	8	5	41	16													169
	KASSALA	02	8	24	2	1	8	4,2	4	39	21													170
Central Sûdân	WAD MEDANI	01	8	24	2	1	4	8	6	38	25													171
	RENK																							182
	ROSEIRES	01	8	24	4	1	4	6	8	32	55													172
	EL OBEID	12	8	18	5	1	6	6	6	33	26													174
	EL FASHER	10	9	04	2	1	5	6,8	—	36	35													175
	GENEINA																							179
	KADUGLI	01	8	20	3	1	4	4	9	32	55													187
S. Sûdân	MALAKAL	02	8	12	1	1	5	8,4	9	32	43													176
	WAU	02	8	18	3	1	6	4,2	9	32	46													177
	JUBA	02	8	02	1	1	8	8,5	9	31	59													178

At 8h. on SATURDAY 8th (الساعة ٨ يوم السبت 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	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												—		—				99
	MATRÛH	01	9	28	2	0	4	8	12.3	-1.1	22.0	24	-2	18	0	82	0	101	161
	MARIUT	01	7	25	1	0	4	6,8	11		25	26	—	20	—	65	0	187	138
	ALEXANDRIA																	170	186
	DAMIETTA	01	8	18	2	1	4	8	10.6	-1.4	24.3	26	—	18	—	72	0	81	106
	PORT SA'ÎD	02	8	30	3	2	5	9	10.6	-1.3	24.2	28	0	21	+1	70	0	71	80
	EL 'ARÎSH	01	9	00	0	0	4	3	10.6	-1.6	26.2	28	0	18	+1	67	0	—	94
Lower Egypt	DAMANHÛR	01	7	32	3	1	3	8	10.8	-1.9	23.8	29	-3	18	0	72	0	92	101
	MANSÛRA	01	8	02	1	1	4	8	11.1	-1.2	24.2	32	-2	18	0	65	0	66	55
	TANTA	01	8	28	1	1	4	8	11.6	-1.1	24.8	31	-3	16	-1	62	0	86	44
	ZAGAZIG	01	6	24	2	1	4	8	10.8	-1.7	24.8	32	-2	18	+1	64	0	24	27
	SHEBÎN EL KÔM	00	8	30	2	0	2	8	10.7	-1.8	23.9	34	—	18	—	66	0	36	
Middle Egypt	CAIRO ALMAZA	01	7	03	1	0	4	8	10.8	-1.5	23.2	34	—	20	—	75	0	10	—
	CAIRO EZBEKÎYA	05	6	02	2	1	5	8	11.1	-1.2	24.4	33	-2	20	+1	65	0	22	26
	CAIRO GÎZA	01	7	30	1	1	4	8	11.1	-1.1	23.0	35	+1	18	+1	74	0	41	26
	HELWÂN	01	7	04	2	0	4	8	10.6	-1.6	23.7	32	-2	19	-1	61	0	20	29
	SUEZ	00	9	30	1	0	0	—	11.1	-0.3	23.9	35	+1	20	-1	63	0	—	17
Upper Egypt	FAIYÛM	01	8	30	3	1	3	8	11.1	-0.9	24.0	34	-2	19	0	66	0	13	8
	MINYA	00	9	32	2	0	0	—	10.0	-1.2	25.3	36	0	21	+2	52	0	dr.	—
	ASYÛT	00	7	30	1	0	0	—	10.8	-0.3	27.1	37	0	21	0	49	0	0	4
	NAG HAMÂDI	00	8	00	0	0	0	—	9.4	-0.1	28.2	40	—	19	—	43	0	1	—
	QENA	00	8	22	2	0	0	—	8.6	-0.7	28.2	41	+1	22	-1	34	0	13	—
	LUXOR	00	7	28	1	0	0	—	8.6	-0.6	34.0	42	+1	22	0	22	0	0	—
	ASWÂN	00	9	00	0	0	0	—	8.4	-1.0	30.4	42	+1	24	-1	23	0	dr.	—
Western Desert	SÎWA	00	7	00	0	0	0	—	14.4	+0.6	22.8	32	-5	17	-1	52	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	12.0	-0.8	28.3	38	+2	19	0	50	0	0	7
	KHÂRGA	00	9	32	1	0	0	—	11.2	+1.2	28.8	38	-1	24	+1	34	0	1	—
	DÂKHLA	00	8	32	1	0	0	—	12.0	+0.7	26.2	38	-1	21	-1	44	0	0	—
Red Sea	TÔR	00	7	28	4	0	0	—	9.7	+0.6	25.2	34	+1	23	0	78	0	0	13
	HURGHÂDA	00	8	28	4	0	0	—	9.2	-0.1	28.3	34	0	—	—	41	0	1	3
	QUSEIR	00	8	32	2	0	0	—	7.0	-2.0	29.0	34	-3	25	0	58	0	11	4
	PORT SÛDÂN	00	8	00	0	0	0	—	9		24					69	0	18	97
North Sûdân	WÂDI HALFA	00	8	02	1	0	0	—	9		30					13	0	tr.	—
	KAREIMA	00	8	08	1	0	0	—	8		32					17	0	7	2
	ATBARA	00	8	12	2	0	3	1	8		31					16	0	8	7
	KHARTÛM	00	8	18	4	0	0	—	9		32					41	0	7	9
	KASSALA	01	8	20	3	1	3	4,1	10		30					49	0	33	29
Central Sûdân	WAD MEDANI	01	9	20	5	1	4	1	9		30					46	0	14	31
	RENK												—		—			—	107
	ROSEIRES	02	7	12	1	2	7	7,5	14		24					84	1	226	140
	EL OBEID	02	7	18	4	1	8	4,2	14		25					58	7	62	43
	EL FÂSHER	02	9	16	3	1	5	4.2	—	—	24					84	0	6	19
	GENEINA								—	—			—		—		—	—	36
	KADUGLI	02	8	24	3	1	5	4	13		25		—		—	70	—	—	210
S. Sûdân	MALAKÂL	81	8	16	1	8	8	4,5	14		23					94	tr.	261	227
	WÂU	51	8	00	0	1	8	4,5	14		23					84	tr.	149	408
	JUBA	02	8	16	1	6	6	4,5	14		23					94	2	585	499

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRÛH	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WADI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h. 45 m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 30 m.	13 h. m.	13 h. m.	13 h. m.	h. m.	13 h. m.	13 h. m.
	033315						093115	093115	090705	092710		090000	090502
	063005						153425	153115	151205	150915		152610	150505
	093110						213425	212915	210905	212830		211105	213005
	123010						273430	272725	240805	272930		271305	273505
	153005						333215	332715	270505	302920		330205	333505
							393210	392815	303505			390505	390405
							512320	512405	391005				
							632530		510110				
									603515				

Upper Winds on 8th

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. 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.	6 h. 45 m.	7 h. 30 m.
	033020				023505		023310	093630	093615	093630	092340
	063105				050120		050125	153120	153535	153625	152815
	093005				103450		103225	212720	243535	183415	210220
	123020						152935	272520	332410	271905	240220
	153125						202925	332730	392215	332515	270115
	183020							392620		342625	303615
	213020										393305
	243025										

KASSALA	PORT SÛDÂN	EL OBEID	EL FASHER	GENEINA	MALAKAL
6 h. 30 m.	7 h. m.	7 h. 15 m.	h. m.	h. m.	7 h. m.
092235	092905	092540			092435
151930	152605	152520			152235
212755		213605			211115
272610		270620			271510
333420		330535			330915
		390340			390820

Upper Air Temp — Almâza at 23 h. G.M.T. on 7th

Height feet	PPP mb	TT	Td
Surface	1002	69	64
500	984	68	61
1000	966	66	58
1500	949	63	56
2000	932	61	58
4000	865	56	51
6000	803	51	44
8000	744	46	32
10000	689	40	27
12000	637	35	26
14000	589	28	24
16000	543	23	20

Cyprus Synoptic 8h. on 8th
34720 00972 16302 09261 70000 00150
34820 00862 06202 10231 70202 00170

Remarks

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

Mean of day

Station	Humidity on 7th	Diff from normal	Wet Bulb Temp on 7th	Diff from normal
Alexandria				
Ezbekiya	51	-1	19.5	-0.6
Giza	60	+9	20.7	+1.0
Helwân	47	+7	18.4	+0.4

GÎZA — Grass Minimum Temp on 8th 13.1°

CAIRO — Water Temp River Nile at 8h. on 8th 26.1°

Discharges at Aswân measured by sluices m³ per sec. Date	1946	1945
8th	1389	1447
7th	1389	1389

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Juba	8th			13.00	-0.49
Nâsser				7.22	-0.26
Malakâl		10.28	-0.37	10.25	-0.38
J. Aulia Res.					
J. Aulia D.S.					
Roseires		12.90	+0.13	13.16	+0.47
Sennar Res.				6.70	—
Khartum				9.94	-0.64
Kh. el Girba					
Atbara				9.92	-0.26
Kajnarti		131.40	-0.47	131.41	-0.47
Aswân Res.		116.19	—	116.42	—
Aswân D.S.		85.87	-0.30	85.86	-0.29
Roda (Cairo)		16.40	+0.91	16.40	+0.97

PRESENT WEATHER (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
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Rec. Fog in last hour	41
Thick ..	47
Fog in patches	44
Drizzle	50-53
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	96
.. heavy, with hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	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 04 h. 53 m. Sunset 18 h. 55 m.

Month JUNE 1946 — شهر يونية ١٩٤٦

At 14h. on SATURDAY 8th (الساعة ١٤ يوم ٨) / At 20h. on 8th (الساعة ٢٠ يوم السبت 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	30	3	1	0	—	12.7	23.4	83	0	00	8	28	3	0	0	—	12.2	22.0	84	0	131
MARIUT	01	8	26	3	1	4	8	12	26	58	0	00	7	30	1	0	0	—	12	22	74	0	150
ALEXANDRIA	01	9	26	3	2	4	8	12.0	26.0	58	0	00	6	32	2	0	0	—	13.0	22.7	70	0	132
DAMIETTA	01	8	28	3	1	3	6	10.6	25.0	72	0	01	8	28	2	1	3	6	11.4	22.4	85	0	159
PORT SA'ÎD	00	8	32	3	0	3	4	10.8	26.8	59	0	01	8	30	3	0	3	4	11.5	22.8	76	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	10.4	25.7	55	0	00	9	32	2	0	0	—	11.1	22.7	70	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	3	1	3	8	11.5	27.4	53	0	00	7	08	2	1	0	—	12.0	23.0	72	0	136
MANSÛRA	01	8	28	2	1	4	8	10.8	28.0	50	0	00	6	32	1	1	0	—	11.9	22.8	70	0	137
TANTA	01	8	32	2	1	4	8	10.6	30.4	43	0	00	8	24	1	1	3	8	12.3	23.2	71	0	138
ZAGAZIG	01	6	30	2	1	4	8	10.8	29.8	57	0	00	6	32	2	0	0	—	10.7	23.2	72	0	139
SHEBÎN EL KÔM	01	8	30	3	1	5	8	9.9	29.8	41	0	00	7	30	2	1	1	8	10.8	24.2	62	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	06	1	1	4	8	10.1	29.9	31	0	00	7	32	2	0	2	6	11.5	26.6	45	0	141
CAIRO EZBEKÎYA	01	8	28	4	1	4	8	10.3	29.4	38	0	00	7	32	2	0	3	8	11.1	26.2	47	0	—
CAIRO GÎZA	01	7	28	2	1	4	8	10.6	30.0	35	0	00	7	30	2	0	0	—	11.2	26.0	55	0	—
HELWÂN	00	8	26	3	0	3	8	10.3	29.0	31	0	00	7	30	4	0	0	—	11.0	26.8	43	0	143
SUEZ	00	9	32	1	0	0	—	10.0	30.1	30	0	00	9	30	2	0	0	—	10.7	24.2	54	0	144
UPPER EGYPT																							
FAIYÛM	01	8	32	3	1	3	8	10.2	30.0	35	0	01	8	32	1	1	3	8	10.6	27.1	46	0	153
MINYA	00	9	32	2	0	0	—	10.4	33.0	34	0	00	8	30	1	0	0	—	9.6?	28.9	31	0	154
ASYÛT	00	8	30	2	0	0	—	9.6	32.3	27	0	00	6	30	1	0	0	—	10.2	28.0	36	0	155
NAG' HAMADI	00	8	28	1	0	0	—	9.6	33.9	28	0	00	8	00	0	0	0	—	9.1	27.9	31	0	164
QENA	00	9	26	3	0	0	—	8.1	36.8	17	0	00	6	26	2	0	0	—	8.0	30.0	21	0	156
LUXOR	00	7	26	3	0	0	—	8.2	37.0	35	0	00	6	28	3	0	0	—	9.0	30.6	23	0	157
ASWÂN	00	9	24	1	0	0	—	6.6	38.3	12	0	00	9	32	1	0	0	—	7.6	35.0	10	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	—	13.6	30.0	47	0	00	—	00	0	0	0	—	13.1	30.2	48	0	148
BAHARÎYA												00	—	32	1	0	0	—	11.5	26.0?	55	0	149
KHÂRGA	00	9	32	1	0	0	—	9.4	33.6	18	0	00	9	32	1	0	0	—	10.8	31.2?	24	0	151
DAKHLA	00	9	28	3	0	0	—	10.4	32.0	40	0	00	7	28	3	0	0	—	11.5	27.7	—	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	8.0	28.2	68	0	00	7	28	3	0	0	—	6.3?	—	—	0	145
HURGHADA	00	8	02	3	0	0	—	8.2	30.4	50	0	00	8	28	3	0	0	—	8.2	28.8	48	0	146
QUSEIR	00	8	32	2	0	0	—	7.0	31.0	65	0	00	8	28	1	0	0	—	7.0	29.0	42	0	147
PORT SUDAN	00	8	08	4	0	0	—	5	39	42													208
NORTH SÛDÂN																							
WADI HALFA	00	8	24	4	0	0	—	8	40	08													165
KAREIMA	00	8	00	0	0	0	—	6	42	08													166
'ATBARA	00	8	12	1	0	0	—	4	42	15													167
KHARTÛM	01	8	00	0	1	3	8,4	5	40	44													209
KASSALA	02	8	24	3	1	5	9,4	5	38	25													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	24	4	1	4	8	6	38	25													171
RENK																							182
ROSEIRES	02	7	20	4	2	6	7,5	—	29	59													172
EL OBEID	01	9	20	2	1	3	8,4	7	32	29													174
EL FÂSHER																							175
GENEINA																							179
KADUGLI	02	8	24	3	1	5	4	9	32	43													187
S. SÛDÂN																							
MALAKÂL	02	8	20	1	6	6	8,4	12	29	55													176
WAU	00	8	00	0	1	2	8,4	10	29	55													177
JUBA	02	8	00	0	1	5	9	10	30	66													178

At 8h. on SUNDAY 9th (الساعة ٨ يوم الأحد 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												—		—				99
MATRÛH	01	9	28	3	0	4	8	12.4	-0.9	22.4	24	-2	18	0	83	0	101	161
MARIUT	02	8	26	1	1	5	8	12		24	26	—	18	—	65	0	187	138
ALEXANDRIA	02	9	24	2	1	5	8	12.3	-0.9	23.0	27	-1	20	0	71	0	170	186
DAMIETTA	01	8	00	0	1	4	6	11.0	-0.9	23.8	27	—	18	—	75	0	81	106
PORT SA'ÎD	01	8	30	3	1	4	9	11.1	-0.7	24.6	27	-1	21	+1	68	0	71	80
EL 'ARÎSH	00	9	26	1	0	2	3	11.2	-0.9	26.1	26	-2	18	+1	58	0	—	94
LOWER EGYPT																		
DAMANHÛR	01	7	04	2	1	4	8	11.4	-1.2	24.0	28	-4	19	+1	67	0	92	101
MANSÛRA	01	8	02	1	1	4	8	11.5	-0.7	24.2	30	-4	18	0	65	0	66	55
TANTA	01	8	00	0	1	4	8	12.0	-0.6	25.0	31	-3	17	0	65	0	86	44
ZAGAZIG	01	6	28	2	2	4	8	11.4	-1.0	25.8	30	-4	17	0	64	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	2	8	11.0	-1.4	25.4	32	—	18	—	61	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	02	1	0	2	8	11.1	-1.1	23.9	31	—	20	—	62	0	10	—
CAIRO EZBEKÎYA	00	7	30	2	0	3	6	11.5	-0.7	24.6	31	-4	20	+1	61	0	22	26
CAIRO GÎZA	00	7	04	1	0	0	—	11.5	-0.7	24.0	32	-2	17	0	66	0	41	26
HELWÂN	00	7	00	0	0	0	—	10.7	-1.4	23.0	30	-4	19	-1	60	0	20	29
SUEZ	00	9	00	0	0	0	—	11.8	+0.4	25.1	32	-2	20	-1	58	0	—	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	11.4	-0.6	24.2	31	-5	19	0	65	0	13	8
MINYA	00	9	32	1	0	0	—	10.4	-0.8	26.6	33	-3	20	+1	50	0	dr.	—
ASYÛT	00	7	00	0	0	0	—	11.0	0.0	28.5	34	-3	21	0	37	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	10.7	+1.3	27.8	34	—	17	—	44	0	1	—
QENA	00	8	26	2	0	0	—	9.6	+0.4	26.0	38	-2	20	-3	44	0	13	—
LUXOR	00	7	28	2	0	0	—	10.0	+0.8	32.5	38	-3	20	-2	29	0	0	—
ASWÂN	00	9	00	0	0	0	—	10.3	+1.0	29.0	39	-2	23	-2	29	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.6	-0.1	26.4	33	-4	17	-2	59	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	12.7	-0.1	27.0	37?	+1	19	0	56	0	0	7
KHÂRGA	00	9	08	1	0	0	—	11.2	+1.3	27.7	35	-4	21	-2	42	0	1	—
DÂKHLA	00	8	20	1	0	0	—	11.5	+0.2	24.2	33	-6	20	-2	50	0	0	—
RED SEA																		
TÔR	00	7	38	4	[illegible]	0	—	9.4	+0.6	25.5	31	-2	24	+1	82	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	10.0	+0.8	28.1	32	-2	22	-1	48	0	1	3
QUSEIR	00	8	32	3	0	0	—	8.6	-0.3	29.0	34	+1	24	-1	46	0	11	4
PORT SÛDÂN	00	8	32	3	0	0	—	7		35					53	0	18	97
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	1	0	0	—	11		27					23	0	tr.	—
KAREIMA	00	8	04	3	0	0	—	9		31					17	0	7	2
'ATBARA	00	8	28	1	1	0	—	8		32					17	0	8	7
KHARTÛM	00	8	18	4	0	0	—	9		32					36	0	7	9
KASSALA	00	8	28	1	1	0	—	9		31					46	0	33	30
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	20	4	1	5	4	10		31					46	0	14	32
RENK	02	8	18	3	2	6	8	—		28		—		—	58	—	—	109
ROSEIRES	02	8	12	1	1	6	8	—		26					79	0	226	144
EL OBEID	01	8	18	4	1	5	4,5	11		26					62	0	62	44
EL FÂSHER	01	9	00	0	1	3	1	—	—	26					51	0	6	19
GENEINA	00	9	20	2	0	1	4	—	—	25		—		—	70	—	—	37
KADUGLI	02	8	20	3	1	5	4	11		28		—		—	62	—	—	214
S. SÛDÂN																		
MALAKÂL	02	8	16	2	1	7	4,5	12		26					79	tr.	261	231
WÂU	—	—	—	—	—	—				—						0	149	413
JUBA	01	8	20	3	1	3	4	15		24					84	7	592	504

UPPER WINDS ON 8th (السبت 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.	13 h. 15 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.	12 h. 45 m.
	033225							090410		092615	092520		090510
	063225							153305		152520	152720		150505
	093215							213415		212620	210610		210215
	123315							243315		273110	270620	273110	240220
	153225							303115		332705		332705	
	Ext. Cu.							393220		391705		391705	

UPPER WINDS ON 9th (الأحد 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.	6 h. 30 m.	6 h. 30 m.	h. m.	6 h. 45 m.	7 h. m.	6 h. 30 m.	7 h. m.	7 h. 15 m.	7	7	7
	033015	033005		030510	021102	033310	023605	090135	090120	090225	092430
	063005	063105	—	060715	050110	063420	050145	153015	152910	153115	153010
	093225	093005	—	090305	103515	093425	100160	213010	213010	213215	213520
	150405	153320	—	153230	153620	153220	153530	272915	272615	273320	243515
		212920		213235		183120	202520	333020	332415	333530	390910
		272815		303150		213115	252825	393015	392235	393625	
		302620				272720					
		332630				303120					
		362630									

KASSALA	PORT SÛDÂN	EL OBEID	EL FASHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.
092035	093505	092125		092615	091935
151705	150405	152230		151030	151935
211415	210805	212235		210740	212025
272515	270602	272340		270660	272310
	300805	332010		300655	330515
					391015

UPPER AIR TEMP — ALMAZA at 23h. G.M.T. on 8th

HEIGHT FEET	PPP mb.	TT	
Surface	1003	71	65
500	985	66	62
1000	967	66	62
1500	950	65	60
2000	933	63	57
4000	866	60	52
6000	804	51	46
8000	745	50	39
10000	690	45	32
12000	638	36	26
14000	590	31	24
16000	544	25	21

CYPRUS SYNOPTIC 8h. ON 9th.

347xx 00900 14301 1026x

34810 00861 04201 10232 00401 00170

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	67	-5	19.5	-1.0
Ezbekiya	54	+1	19.7	-0.5
Giza	61	+9	19.9	+0.1
Helwân	49	+9	18.7	+0.6

GIZA — GRASS MINIMUM TEMP on 9th 15.4 °C

CAIRO — WATER TEMP AT 9h. RIVER NILE on 9th 26.0 °C

Discharges at Aswan measured by sluices m³ per sec. — DATE	1946	1945
9th	1563	1505
8th	1389	1447

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	9th				
Nasser				7.21	-0.31
Malakâl		10.32	-0.35	10.28	-0.31
J. Aulia Res					
J. Aulia D.S					
Roseires		13.32	+0.47	12.90	+0.13
Sennar Res				8.64	—
Khartum		10.72	+0.09	10.46	-0.15
Kh. el Girba					
Atbara				9.92	-0.27
Kajnarti		131.37	-0.54	131.40	-0.47
Aswân Res.		115.92	—	116.19	—
Aswân D.S		86.12	-0.06	85.87	-0.30
Roda (Cairo)				16.40	+0.91

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	13
Slight Duststorm	18
Rain in past hour	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	67
Rain 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
...ded, now Rain	91
... with Hail	94-96
... with Duststorm	98
... heavy, with Hail	99

PAST WEATHER (W)

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

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

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)

	C
Cirrus	1
Cirro-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 04 53 (h. m.)
Sunset 18 55 (h. m.)

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on SUNDAY 9th — الأحد ٩ الساعة ١٤ يوم; At 20h. on SUNDAY — الأحد ٩ 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 8-14h 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	1	0	—	12.0	23.4	83	0	00	8	30	3	0	3	8	10.8	22.4	91	0	131
MARIUT	00	8	28	3	0	2	8	11	26	62	0	00	7	32	1	0	0	—	10	22	74	0	150
ALEXANDRIA	01	9	30	2	2	4	8	11.6	26.3	63	0	00	6	04	1	0	0	—	11.0	22.0	82	0	132
DAMIETTA	01	8	28	2	1	3	8	10.7	25.4	71	0	01	8	30	2	1	3	8	10.4	22.9	84	0	159
PORT SA'ÎD	00	8	30	3	0	3	4	11.0	27.2	60	0	00	8	32	3	0	0	—	10.4	22.8	76	0	134
EL 'ARÎSH	00	9	28	4	0	0	—	10.6	25.7	63	0	00	9	32	2	0	0	—	10.7	22.9	75	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	3	1	3	8	10.7	28.3	45	0	00	7	04	2	1	0	—	10.7	23.4	68	0	136
MANSÛRA	01	8	02	2	1	4	8	10.3	28.7	48	0	00	6	02	2	1	0	—	10.6	23.6	69	0	137
TANTA	01	8	28	1	1	4	8	10.2	31.0	38	0	01	8	24	3	1	4	8	10.6	25.1	57	0	138
ZAGAZIG	01	6	32	2	1	5	8	11.6	29.9	42	0	00	6	32	2	0	0	—	—	23.0	62	0	139
SHEBÎN EL KÔM	01	8	30	3	1	4	8	9.9	30.9	40	0	00	7	02	2	1	0	—	9.4	25.7	59	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	01	8	08	1	1	4	8	9.9	30.1	39	0	00	7	02	4	0	2	4	8.8	27.0	51	0	141
CAIRO EZBEKÎYA	01	8	32	2	1	4	8	10.2	30.0	39	0	00	7	02	2	0	2	8	9.4	27.1	43	0	—
CAIRO GÎZA	01	8	02	2	1	4	8	10.6	29.6	37	0	00	7	00	0	1	2	8	9.3	27.6	54	0	—
HELWÂN	00	7	24	2	0	3	8	10.0	29.3	33	0	00	7	00	0	0	0	—	9.5	27.7	39	0	143
SUEZ	00	9	02	2	0	0	—	10.3	29.8	31	0	00	9	02	3	0	0	—	9.8	25.6	57	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	2	1	3	8	9.9	30.0	30	0	00	8	30	1	0	0	—	9.1	27.3	45	0	153
MINYA	00	9	32	3	0	0	—	9.1	33.2	29	0	00	8	02	1	0	0	—	7.9	29.9	34	0	154
ASYÛT	00	8	28	1	0	0	—	9.4	33.5	30	0	00	6	28	1	0	0	—	8.4	29.1	39	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	8.3	33.3	27	0	00	8	00	0	0	0	—	8.0	25.7	60	0	164
QENA	00	9	26	2	0	0	—	7.1	36.8	15	0	00	6	24	2	0	0	—	7.1	30.6	20	0	156
LUXOR	00	7	26	2	0	0	—	8.2	37.0	22	0	00	6	28	3	0	0	—	7.6	30.4	34	0	157
ASWÂN	00	9	32	1	0	0	—	7.4	35.6	14	0	00	9	00	0	0	0	—	7.5	33.5	11	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	12.7	32.3	42	0	00		00	0	0	0	—	11.1	30.7	69	0	148
BAHARÎYA	00	9	00	0	0	0	—	11.0	38.0	36	0	00		00	0	0	0	—	10.7	27.5	54	0	149
KHÂRGA	00	9	32	1	0	0	—	9.6	34.0	21	0	00	9	32	1	0	0	—	10.0	28.0	41	0	151
DÂKHLA	00	9	32	3	0	0	—	10.0	33.2	35	0	00	7	28	1	0	0	—	10.0	26.2	35	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	9.0	28.8	48	0	00	7	28	3	0	0	—	7.0?	27.3	83	0	145
HURGHÂDA	00	8	02	3	0	0	—	9.8	30.7	42	0	00	8	28	3	0	0	—	8.4?	29.2	44	0	146
QUSEIR	00	8	32	2	0	0	—	8.2	30.2	73	0	00	8	04	2	0	0	—	8.2	27.5	55	0	147
PORT SÛDÂN	00	8	04	3	0	0	—	6	33	68													308
NORTH SÛDÂN																							
WÂDI HALFA	00	8	32	3	0	0	—	7	36	11													165
KAREIMA	00	8	28	2	0	0	—	6	40	08													166
'ATBARA	00	8	20	1	0	0	—	3	42	11													167
KHARTÛM	00	9	20	2	0	2	8	4	41	10													309
KASSALA	02	8	24	3	1	5	8	4	38	29													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	16	4	0	3	4	—	35	—													171
RENK	01	9	18	3	1	4	8	—	36	35													182
ROSEIRES	01	8	16	1	1	4	8	7	35	44													172
EL OBEID	01	9	18	2	1	4	8	5	37	20													174
EL FÂSHER	00	9	30	2	0	2	8	—	38	18													175
GENEINA	01	9	32	3	1	3	9	—	37	10													179
KADUGLI	01	8	20	3	1	4	4	7	36	35													187
S. SÛDÂN																							
MALAKÂL	10	8	16	2	1	5	9,4	8	34														176
WÂU	02	8	18	3	1	6	8,4	9	32	52													177
JUBA	02	8	10	1	0	5	8	9	32	50													178

At 8h. on MONDAY 10th — الاثنين ١٠ 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.	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	3	0	4	8	10.3	-2.9	22.4	25	-1	19	0	91	0	101	161
MARIUT	01	8	00	0	0	4	6	10		26	26	—	18	—	62	0	187	138
ALEXANDRIA	02	9	00	0	1	5	8	10.6	-2.5	22.5	28	0	20	0	74	0	170	186
DAMIETTA	01	8	14	2	1	3	8	9.8	-2.0	26.1	27	—	19	—	66	0	81	106
PORT SA'ÎD	01	8	02	2	1	4	6	9.9	-1.8	24.7	27	-2	21	+1	69	0	71	80
EL 'ARÎSH	00	9	12	1	0	0	—	10.0	-2.0	25.9	27	-1	17	0	67	0		94
LOWER EGYPT																		
DAMANHÛR	00	7	08	2	0	3	8	9.9	-2.6	24.2	31	-1	18	0	62	0	92	101
MANSÛRA	01	8	02	1	1	4	8	10.2	-2.0	25.6	31	-3	19	+1	62	0	66	55
TANTA	01	8	00	0	1	4	8	10.2	-2.4	25.0	32	-2	16	-1	63	0	86	44
ZAGAZIG	01	6	04	2	1	4	8	9.8	-2.6	24.9	31	-3	18	+1	66	0	24	27
SHEBÎN EL KÔM	00	8	04	1	0	2	8	9.4	-3.0	25.2	33	—	18	—	65	0	36	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	08	2	0	0	—	9.5	-2.7	26.3	32	—	19	—	58	0	10	—
CAIRO EZBEKÎYA	00	7	04	2	0	0	—	9.5	-2.7	25.9	31	-4	19	0	59	0	22	26
CAIRO GÎZA	00	7	06	1	0	0	—	9.6	-2.5	26.0	31	-4	18	+1	61	0	41	26
HELWÂN	00	7	00	0	0	0	—	9.2	-2.8	25.6	31	-3	20	0	50	0	20	29
SUEZ	00	9	00	0	0	0	—	10.4	-0.9	27.8	32	-3	21	0	61	0		17
UPPER EGYPT																		
FAIYÛM	00	8	30	1	0	0	—	9.6	-2.3	25.3	32	-4	20	+1	59	0	13	8
MINYA	00	9	32	1	0	0	—	9.5	-1.6	28.0	34	-2	20	0	51	0	tr.	—
ASYÛT	00	7	22	1	0	0	—	8.8	-2.1	28.0	35	-2	21	0	39	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.3	-1.1	29.0	35	—	18	—	48	0	1	—
QENA	00	8	12	1	0	0	—	8.3	-0.9	27.0	38	-2	21	-2	45	0	13	—
LUXOR	00	6	30	2	0	0	—	8.8	-0.3	32.5	38	-3	21	+1	34	0	0	—
ASWÂN	00	9	32	1	0	0	—	7.5	-1.7	29.4	37	-4	24	-2	24	0	tr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	12.3	-1.4	28.5	36	-2	20	+1	65	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	12.4	-0.3	26.0	39	+3	19	0	55	0	0	7
KHÂRGA	00	9	32	1	0	0	—	9.0	-0.9	26.2	36	-3	22	-1	35	0	1	—
DÂKHLA	00	8	00	0	0	0	—	8.8	-2.4	29.2	35	-4	20	-2	40	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	8.0	-1.0	24.9	29	-4	22	-1	78	0	0	13
HURGHÂDA	00	8	32	3	0	0	—	9.0	-0.1	27.9	32	-2	21	-2	48	0	1	3
QUSEIR	00	8	30	2	0	0	—	7.5	-1.3	29.7	31	-2	24	-1	66	0	11	4
PORT SÛDÂN	00	8	02	2	0	0	—	6		33					60	0	18	97
NORTH SÛDÂN																		
WÂDI HALFA	00	8	26	1	0	1	1	6		27					28	0	tr.	—
KAREIMA	00	9	04	1	0	0	—	7		29					14	0	7	2
'ATBARA	00	8	32	1	0	0	—	6		32					21	0	8	7
KHARTÛM	00	8	00	0	0	2	1	7		32					17	0	7	9
KASSALA	00	8	18	3	1	3	4	6		32					41	0	33	30
CENTRAL SÛDÂN																		
WAD MEDANI	03	9	24	3	1	8	5	7		31					43	0	14	33
RENK	01	9	18	3	2	4	4	—		27		—		—	70	—	—	112
ROSEIRES																0	226	147
EL OBEID	01	9	20	3	1	4	4	8		28					56	0	62	45
EL FÂSHER	01	8	00	0	0	4	2	—	—	25					30	0	6	20
GENEINA	00	8	00	0	0	0	—	—	—	23		—		—	36	—	—	39
KADUGLI	02	8	28	2	1	6	4	10		26		—		—	79	—	—	218
S. SÛDÂN																		
MALAKÂL	02	8	14	3	1	8	4,5	10		27					70	11	272	235
WÂU	81	7	16	2	9	8	5	13		20					88	12	161	418
JUBA	02	8	12	1	1	5	6,4	13		24					94	3	595	509

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRÛH	MARIUT 12h 30m	PORT SA'ÎD	ALMÂZA	MINYA 12h 30m	LUXOR 12h 45m	HURGHÂDA	WÂDI HALFA 13h 15m	KAREIMA 13h	KHARTÛM 13h	KASSALA 13h	EL OBEID 13h	MALAKAL 13h	JUBA 13h 15m
	03 01 10			03 33 15	03 30 05		09 01 20	09 29 05	09 33 05	09 26 10	09 27 10	09 19 05	09 19 15
	06 34 10			06 31 10	06 31 10		15 35 20	15 26 15	15 35 05	15 24 15	15 28 05	15 22 05	15 17 10
	09 34 15			09 32 20			21 36 50	21 23 30	21 26 05	21 25 30	21 30 20	21 05 16	21 19 10
	15 35 15			15 32 10			27 36 40	27 23 30	24 29 05	27 26 20	27 31 10		27 20 40
	21 28 30			21 30 25			33 32 30	33 32 10	30 20 05	33 27 10			33 18 20
	27 26 30			30 30 45			39 29 20	09 01 15	39 23 10				
	30 27 30												
	33 36 35												
	36 27 35												

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

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

KASSALA 7h	PORT SÛDÂN 7h 18m	EL OBEID 7h	EL FÂSHER	GENEINA 7h	MALAKAL 7h
09 21 35	09 36 20	09 25 20		09 14 15	09 18 45
15 23 45	15 02 20	15 26 35		15 09 30	15 21 30
21 27 40	21 03 10	21 28 30		21 08 30	21 19 20
27 01 35	27 36 10	27 29 20		27 07 50	27 20 05
	33 22 05				33 03 15
	39 22 15				39 03 15

UPPER AIR TEMP — ALMÂZA at 23 G.M.T. on 10th

Height feet	PPP	T	Td
Surface	1000	72	66
500	982	69	64
1000	964	67	62
1500	947	67	57
2000	930	66	59
4000	864	60	54
6000	801	56	43
8000	743	48	37
10000	688	42	31
12000	636	36	27
14000	588	27	22
15000	542	19	16

CYPRUS SYNOPTIC 6h ON 10th
34710 00971 18301 09261 70302 00170
34870 01963 26203 10231 80201 00176

REMARKS

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

Station	Mean humidity % 9th	Diff. from normal	Mean wet bulb temp. 9th	Diff. from normal
Alexandria	74	+2	20.2	-0.4
Ezbekiya	30	-3	19.9	-0.4
Gîza	57	+5	20.3	+0.6
Helwân	47	+7	18.7	+0.6

GÎZA — GRASS MINIMUM TEMP ON 10th 17.6°C

CAIRO — WATER TEMP RIVER NILE AT 9h ON 10th 26.2°C

Discharges at Aswân measured by sluices m³ per sec. DATE	1946	1945
10-6	1645	1505
9-6	1563	1505

GAUGE	Date 1946	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	10-6-46				
Nasser				7.30	-0.39
Malakâl		10.34	-0.35	10.32	-0.35
J. Aulia Res				370.87	—
J. Aulia D.S				370.83	-0.30
Roseires				13.32	+0.47
Sennar Res				6.60	—
Khartûm				10.72	+0.09
Kh. el Girba					
Atbara		9.94	-0.27	9.92	-0.28
Kajnarti		131.35	-0.60	131.37	-0.54
Aswân Res.		115.68	—	115.92	—
Aswân D.S		86.28	+0.08	86.12	-0.06
Roda (Cairo)		16.45	+0.95	16.42	+0.92

PRESENT WEATHER 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

Cairo
Time of Sunrise h. 04 m. 53
Sunset h. 18 m. 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.G.

DAILY WEATHER REPORT

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on MONDAY 10th. — الساعة ١٤ يوم ١٠ / At 20h. on 10th. — الساعة ٢٠ يوم الاثنين 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	28	3	1	0	—	10.7	24.2	79	0	00	8	28	3	0	0	—	10.8	23.0	87	0	131
	MARIUT	00	7	30	2	0	1	8	10	26	70	0	00	7	00	0	0	0	—	10	22	83	0	150
	ALEXANDRIA	00	9	32	3	0	0	—	10.3	27.0	63	0	00	6	00	0	0	0	—	11.6	21.7	85	0	132
	DAMIETTA	00	8	02	2	1	0	—	9.8	26.2	71	0	00	8	06	2	0	0	—	9.9	23.6	78	0	159
	PORT SAÎD	00	8	02	3	0	0	—	9.0	27.2	61	0	00	8	04	2	0	0	—	10.6	23.2	72	0	134
	EL 'ARÎSH	00	9	32	5	0	0	—	9.6	26.1	57	0	00	9	02	3	0	0	—	10.4	23.2	80	0	135
LOWER EGYPT	DAMANHÛR	01	7	04	2	1	3	8	9.9	30.6	40	0	00	7	08	2	1	0	—	10.4	23.0	68	0	136
	MANSÛRA	01	8	02	2	1	4	8	9.9	31.2	32	0	00	6	04	1	1	0	—	10.4	24.8	61	0	137
	TANTA	01	8	32	1	1	3	6	9.2	31.1	37	0	00	8	32	2	0	0	—	10.3	25.2	55	0	138
	ZAGAZIG	01	6	04	2	1	3	8	9.2	30.2	40	0	00	6	32	2	0	0	—	10.1	28.0	68	0	139
	SHEBÎN EL KÔM	00	8	28	2	0	2	8	8.7	32.9	35	0	00	7	30	2	0	0	—	9.5	26.4	55	0	—
MIDDLE EGYPT	CAIRO ALMAZA	00	8	02	2	0	0	—	8.5	33.0	21	0	00	7	30	1	0	1	4	9.1	30.0	30	0	141
	CAIRO EZBEKÎYA	00	8	28	3	0	0	—	9.1	31.4	33	0	00	8	28	2	0	0	—	9.4	29.1	41	0	—
	CAIRO GÎZA	00	8	06	2	0	0	—	9.5	32.0	33	0	00	7	00	0	0	0	—	8.8	28.9	45	0	—
	HELWÂN	00	8	28	1	0	0	—	8.4	32.0	19	0	00	7	28	2	0	0	—	9.2	29.6	30	0	143
	SUEZ	00	9	04	1	0	0	—	9.2	31.6	30	0	00	9	32	1	0	0	—	9.8	28.0	51	0	144
UPPER EGYPT	FAIYÛM	00	8	02	2	0	2	8	8.7	32.0	25	0	00	8	32	1	0	0	—	9.0	27.6	44	0	153
	MINYA	00	9	28	3	0	0	—	7.8	34.0	23	0	00	8	32	1	0	0	—	8.0	31.3	25	0	154
	ASYÛT	00	8	20	1	0	0	—	8.3	34.4	25	0	00	6	28	1	0	0	—	8.6	30.2	30	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	6.5	36.0	26	0	00	8	00	0	0	0	—	7.5	29.0	55	0	164
	QENA	00	9	22	2	0	0	—	6.0	39.0	22	0	00	6	24	1	0	0	—	6.4	31.0	37	0	156
	LUXOR	00	7	26	2	0	0	—	6.6	40.0	18	0	00	6	28	2	0	0	—	7.1	32.8	33	0	157
	ASWÂN	00	9	28	1	0	0	—	5.9	38.3	14	0	00	9	00	0	0	0	—	5.5	36.5	12	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	11.9	32.8	45	0	00	-	00	0	0	0	—	10.6	31.8	51	0	148
	BAHARÎYA	00	9	00	0	0	0	—	11.0	37.0	35	0	00	—	00	0	0	0	—	—	27.0	56	0	149
	KHÂRGA	00	9	32	1	0	0	—	8.3	36.6	24	0	00	9	32	1	0	0	—	9.6	35.0	21	0	151
	DÂKHLA	00	9	08	1	0	0	—	9.2	37.8	28	0	00	7	32	1	0	0	—	10.2	28.7	34	0	152
RED SEA	TÔR	00	7	28	3	0	0	—	8.1	32.9	46	0	00	7	28	3	0	0	—	7.8	27.1	70	0	145
	HURGHÂDA	00	8	04	2	0	0	—	8.8	30.7	42	0	00	8	00	0	0	0	—	8.2	28.5	46	0	146
	QUSEIR	00	8	02	1	0	0	—	8.3	30.0	62	0	00	8	12	1	0	0	—	8.6	28.0	66	0	147
	PORT SÛDÂN	00	8	04	4	0	0	—	5	33	70													208
NORTH SÛDÂN	WÂDI HALFA	00	8	32	2	0	0	—	5	39	12													165
	KAREIMA	01	9	08	1	0	3	—	3	42	06													166
	ATBARA	00	8	16	1	0	3	1	3	41	13													167
	KHARTÛM	02	9	30	2	2	6	2	4	39	10													209
	KASSALA	01	8	22	2	1	4	8,4	3	37	27													170
CENTRAL SÛDÂN	WAD MEDANI	02	8	16	4	1	6	8	4	37	24													171
	RENK	03	8	04	3	2	8	8	7?	35	74													182
	ROSEIRES																							172
	EL OBEID	01	9	24	2	1	5	8,4																174
	EL FÂSHER	01	9	04	2	1	4	2	—	37	20													175
	GENEINA	00	8	28	2	0	3	8,4	—	37	12													179
	KADUGLI	01	8	20	3	1	4	4	7	33	41													187
S. SÛDÂN	MALAKÂL	97	4	16	4	9	8	9	7	27	79													176
	WÂU	01	8	00	0	8	4	4,2	8	28	66													177
	JUBA	01	8	18	2	1	4	9,4	9	32	49													178

At 8h. on TUESDAY 11th. — الساعة ٨ يوم الثلاثاء 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.	Temperature 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	—	13.4	+0.2	22.7	25	-1	19	0	83	0	101	161
	MARIUT	00	7	00	0	0	3	6	13		26	27	—	18	—	66	0	187	138
	ALEXANDRIA	01	9	00	0	1	3	8	12.0	-1.1	24.2	28	0	21	+1	74	0	170	186
	DAMIETTA	01	8	14	2	1	4	8	12.7	+1.0	25.7	27	—	21	—	77	0	81	106
	PORT SAÎD	01	8	04	2	1	4	4	12.8	+1.1	25.2	28	-1	22	+2	74	0	71	80
	EL 'ARÎSH	00	9	14	1	0	0	—	12.6	+0.7	26.2	28	0	17	0	69	0	—	94
LOWER EGYPT	DAMANHÛR	00	6	12	2	0	0	—	12.6	+0.2	26.2	32	0	20	+2	58	0	92	101
	MANSÛRA	00	8	02	1	0	0	—	13.0	+0.9	27.0	33	-1	20	+2	63	0	66	55
	TANTA	00	8	00	0	0	0	—	12.8	+0.3	26.4	33	-1	17	0	59	0	86	44
	ZAGAZIG	00	6	32	2	0	0	—	12.3	0.0	26.6	32	-2	20	+3	61	0	24	27
	SHEBÎN EL KÔM	00	8	04	1	0	0	—	11.5	-0.8	26.3	34	—	19	—	59	0	36	
MIDDLE EGYPT	CAIRO ALMAZA	05	6	00	0	0	0	—	12.2	+0.1	26.9	34	—	22	—	51	0	10	—
	CAIRO EZBEKÎYA	05	5	28	2	0	0	—	12.6	+0.5	26.8	34	-1	21	+2	55	0	22	26
	CAIRO GÎZA	00	7	30	1	0	0	—	12.3	+0.2	26.7	33	-2	18	+1	58	0	41	26
	HELWÂN	05	6	00	0	0	0	—	12.2	+0.2	26.6	33	-1	21	+1	53	0	20	29
	SUEZ	00	9	00	0	0	0	—	12.7	+1.4	28.0	33	-2	20	-1	51	0	—	17
UPPER EGYPT	FAIYÛM	00	8	30	1	0	0	—	12.0	+0.2	28.3	34	-2	20	+1	50	0	13	8
	MINYA	00	9	32	1	0	0	—	12.0	+1.0	31.2	35	-1	21	+1	37	0	dr.	—
	ASYÛT	00	7	22	1	0	0	—	11.8	+0.9	29.1	36	-1	22	+1	34	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	11.2	+1.9	31.5	37	—	19	—	36	0	1	—
	QENA	00	8	08	2	0	0	—	10.4	+1.3	30.4	40	0	25	+2	34	0	13	—
	LUXOR	00	7	28	2	0	0	—	10.8	+1.8	33.9	41	0	22	0	19	0	0	—
	ASWÂN	00	9	32	3	0	0	—	9.5	+0.3	32.0	40	-1	25	-1	23	0	dr.	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	13.9	+0.2	26.8	35	-2	20	+1	52	0	5	8
	BAHARÎYA	00	9	00	0	0	0	—	13.2	+0.5	29.0	38	+2	20	+1	56	0	0	7
	KHÂRGA	00	9	32	2	0	0	—	9.8	0.0	30.0	37	-2	26	+3	29	0	1	—
	DÂKHLA	00	8	04	2	0	0	—	11.5	+0.3	30.4	38	-1	25	+3	37	0	0	—
RED SEA	TÔR	00	7	28	3	0	0	—	10.8	+1.9	28.9	33	0	21	-2	60	0	0	13
	HURGHÂDA	00	8	30	3	0	0	—	10.7	+1.7	29.5	33	-1	22	-1	44	0	1	3
	QUSEIR	00	8	28	1	0	0	—	9.6	+0.9	32.2	32	-1	26	0	31	0	11	4
	PORT SÛDÂN	00	8	22	1	0	1	1	7		33					53	0	18	97
NORTH SÛDÂN	WÂDI HALFA	00	8	32	1	0	0	—	8		32					18	0	tr.	—
	KAREIMA	—	—														0	7	2
	ATBARA	01	7	20	4	1	4	4	7		32					20	0	8	7
	KHARTÛM	02	8	18	3	1	2	4	9		31					29	0	7	10
	KASSALA	01	8	18	3	1	3	4	10		29					59	0	33	31
CENTRAL SÛDÂN	WAD MEDANI	00	9	18	4	1	2	5	11		27					52	0	14	34
	RENK	02	8	18	3	2	6	6	12		23	—		—		78	—	—	115
	ROSEIRES	02	8	17	4	1	6	8	14		26					74	2	228	151
	EL OBEID	02	9	30	3	1	6	4,1	10		27					58	0	62	46
	EL FÂSHER	02	9	16	5	1	6	4,2	—	—	28					66	0	6	20
	GENEINA								—	—		—		—			—	—	41
	KADUGLI	01	8	12	3	1	4	4	12		23	—		—		84	—	—	222
S. SÛDÂN	MALAKÂL																tr.	272	239
	WÂU	02	8	00	0	1	8	4,5	13		22					88	14	175	423
	JUBA	02	8	08	1	1	7	6,4	14		23					84	44	639	514

Upper Winds are in the Code HHDDVV where HH is Height 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:

MATRÛH	MARIUT	PORT SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13 h. 15 m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	13 h. m.	13 h. m.	13 h. m.	h. m.	13 h. m.	13 h. m.
	033115						090115	090415	091005	092210		091915	091915
	062515						152105	150330	151405	152215			152025
	091915						212505	210125	212505	212220			182110
	152315						273405	270135	242205				
	212620						333415		301805				
	242625						393335		391610				
	302430												
	362235												
	422545												

Upper winds on 11th:

MATRÛH	MARIUT	PORT SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	7 h. m.	6 h. 30 m.	8 h. 45 m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. m.
	033205	030915	023020	030210	022725	030115	020315		090850		092160
	062010	063305	053025	063415	050120	060210	050335		150555		152325
	093205	092810	082910	093610	100125	090220	100625		210540		213015
	152820	1536 –	102710	153020	153310	153015	150810		270635		243410
	212820		152720	213035			201815				
	242815		202925	3029 –			252615				
	302830		253020				302735				
	362835		302825				352735				
			402755				402745				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. 15 m.	7 h. 30 m.	h. m.	h. m.	h. m.
091930	092320	092320			
152235		152515			
212215		213005			
272320		270505			
333425					
390140					

UPPER AIR TEMP. ALMÂZA at 23 h. m. on 10th.

HEIGHT FEET	PPP		
Surface	1001	75	65
500	983	75	62
1000	965	75	61
1500	948	76	62
2000	931	72	60
4000	865	65	52
6000	802	55	45
8000	744	46	36
10000	689	41	28
12000	637	36	28
14000	589	30	26
16000	543	21	19

Synoptic ... on 11th.

34720 00971 14201 11262 10102 00170
34874 01953 26303 12241 80205 00180

Remarks

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

STATION	Humidity on 10th	Diff. from normal	Wet Bulb Temp. on 10th	Diff. from normal
Alexandria	77	+5	20.5	-0.2
Ezbekiya	48	-5	20.4	0.0
Gîza	50	-2	20.9	+1.0
Helwan	37	-3	18.5	+0.2

GÎZA — GRASS MINIMUM TEMP. on 11th. 15.9°

CAIRO — WATER TEMP. RIVER NILE on 11th. 26.9°

Discharges at Aswan measured by sluices m³ per sec.	DATE	1946	1945
	11th.	1643	1505
	10th.	1643	1505

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11th			13.20	-0.29
Nasser				7.18	-0.46
Malakâl		10.42	-0.29	10.34	-0.35
J. Aulia Res.				370.92	—
J. Aulia D.S.				370.88	-0.26
Roseires		13.05	+0.10	13.30	+0.39
Sennar Res.				6.54	—
Khartûm				10.74	+0.08
Kh. el Girba					
Atbara		10.10	-0.12	9.94	-0.27
Hajnarti		131.34	-0.65	131.35	-0.60
Aswân Res.		115.36	—	115.68	—
Aswân D.S.		86.29	+0.07	86.28	+0.08
Roda (Cairo)		16.45	+0.94	16.45	+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 ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud
Variable sky
Mainly overcast
Sandstorm, Duststorm 3
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
2-3 Tenths
... Tenths
... Tenths
... Tenths
Over 9 Tenths
Overcast
Fog or Dust

CLOUD FORM (C)

Cirrus	
Cirro-stratus	
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		
Almost calm		
Very light		
Light		
Moderate		
Fresh		
Strong		
Very strong		
Gale		
Strong gale		
Whole gale	90	10
Storm	91 104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

is on Scale 1-32 e.g.
08 = East, 16 = South,
24 = West, 32 = North,
00 is Calm

Time of Sunrise 02 53 — Sunset 18 56 (h. m.)

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JUNE 1946 — شهر يونيه ١٩٤٦

TUESDAY 11th — الثلاثاء ١١

Present weather (08h)	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	At 20h on 11th: 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
																						130
00	9	28	3	0	0	—	13.9	24.6	80	0	00	8	28	1	0	0	—	14.6	23.2	85	0	131
00	7	30	3	0	0	—	13	26	62	0	00	7	30	2	0	0	—	14	23	78	0	150
01	9	30.	3	2	3	8	13.8	26.8	62	0	00	6	32	2	0	0	—	14.8	22.7	83	0	132
00	8	02	3	1	2	8	12.7	26.5	77	0	00	8	32	2	1	2	6	13.2	23.5	86	0	168
00	8	02	3	0	0	—	13.0	28.3	61	0	00	8	04	2	0	0	—	13.2	23.8	84	0	134
00	9	32	4	0	0	—	12.3	26.8	66	0	00	9	02	3	0	0	—	12.8	23.7	84	0	135
01	6	32	4	1	3	8	12.7	30.3	40	0	00	7	04	3	1	0	—	13.6	23.8	61	0	136
01	8	30	2	1	4	8	12.3	33.5	30	0	00	6	32	2	1	0	—	13.2	28.8	68	0	137
00	8	32	2	0	2	8	12.6	33.0	30	0	00	8	24	2	0	0	—	13.9	25.2	53	0	138
00	6	32	2	0	0	—	11.5	32.9	34	0	00	6	32	2	0	0	—	12.2	26.0	70	0	139
00	8	30	2	0	0	—	11.5	34.4	29	0	00	7	30	2	0	0	—	12.2	27.2	55	0	
00	8	26	2	0	0	—	11.2	33.2	26	0	00	7	04	4	0	0	—	12.8	28.4	59	0	
00	8	26	2	0	0	—	11.8	33.3	27	0	00	6	30	4	0	0	—	12.8	28.5	61	0	
00	8	28	2	0	0	—	12.0	34.1	30	0	00	7	30	3	0	0	—	12.4	29.7	54	0	
00	8	28	2	0	0	—	11.1	32.8	22	0	00	7	02	5	0	0	—	12.2	28.1	56	0	
01	9	16	1	1	3	3	11.9	33.0	34	0	00	9	30	1	0	0	—	12.8	28.3	45	0	
00	8	30	2	0	2	8	11.1	34.8	29	0	00	8	30	1	0	0	—	11.4	30.8	35	0	
00	9	32	2	0	0	—	11.2	37.0	25	0	00	9	32	1	0	0	—	11.4	32.0	28	0	
00	8	20	1	0	0	—	10.4	36.0	20	0	00	6	30	1	0	0	—	11.4	30.0	41	0	
00	8	00	0	0	0	—	9.2	38.9	21	0	00	8	00	0	0	0	—	9.8	31.7	28	0	
00	9	26	2	0	0	—	9.1	41.6	18	0	00	6	24	1	0	0	—	9.2	34.3	23	0	
00	7	30	2	0	0	—	8.7	42.0	18	0	00	6	28	3	0	0	—	9.1	35.3	19	0	
00	9	20	2	0	0	—	7.0	42.0	09	0	00	9	32	2	0	0	—	7.2	38.5	10	0	
00	8	00	0	0	0	—	13.9	34.0	45	0	00	—	00	0	0	0	—	13.5	32.0	28	0	
											00	—	00	0	0	0	—	12.2	28.0	51	0	
00	9	32	1	0	0	—	10.7	39.8	14	0	00	9	32	1	0	0	—	10.7	35.4	15	0	
00	9	28	3	0	0	—	10.6	36.0	29	0	00	8	32	1	0	0	—	13.0	28.4	34	0	
00	7	28	4	0	0	—	—	29.3	63	0	00	7	28	3	0	0	—	—	28.1	61	0	
00	8	32	4	0	0	—	10.2	33.8	24	0	00	8	28	3	0	0	—	9.9	32.3	32	0	
00	8	32	2	0	0	—	10.0	32.0	54	0	00	8	28	1	0	0	—	10.7	29.2	51	0	
00	8	04	3	0	0	—	6	36	65													208
00	8	20	2	0	0	—	5	44	11													
00	8	24	2	0	1	—	—	38	06													
01	8	04	2	1	3	—	4	42	14													
02	8	20	3	1	5	4	5	39	23													
01	8	24	2	1	4	8	5	39	24													209 / 0
01	8	20	5	1	4	5	7	36	27													
02	8	18	3	2	5	8	..	30	55													189
01	8	20	1	1	4	4	11?	32	43													172
02	9	14	3	1	7	4,5	7	35	27													174
02	9	18	4	1	5	8,4	—	37	33													175
01	8	16	3	0	4	8,1	—	34	29													179
01	8	12	3	1	4	4	10	31	49													187
02	9	12	3	1	7	8,4	11	29	62													176
02	8	16	3	1	6	6	11	28	66													177
02	8	00	0	6	8	6	13	25	79													178

Upper Winds are in the code HHDDVV where HH is height ... in hundreds of metres ... DD is Direction East of North in tens of degrees ... VV ... kilometres per hour

	ASSUAN	EL OBEID	MALAKAL	JUBA			
Time	13 15	12 30	13	12 45	13	13	13 15
	09 23 10	09 07 35	09 22 40	09 26 15	09 21 20	09 16 20	09 06 05
	15 23 05	15 05 55	15 23 45	15 29 15	15 22 15	15 19 20	15 17 05
	21 25 10	21 05 40	21 23 45	21 25 30	21 25 10	21 19 20	21 18 15
	27 27 10	27 05 65	24 23 35	27 25 20	27 36 05	27 15 15	
	33 28 05	33 04 50	30 23 20	33 26 20	33 07 15	33 08 15	
	39 24 15	36 05 70			39 10 20	39 08 10	
	51 23 20						

	11th.		11th.	
	76	+4	21.2	+0.4
	56	+3	21.4	+1.0
	53	+1	22.0	+2.0
	51	+11	20.4	+2.1

12th. 18.8°

12th. 1643 1505
11th. 1643 1505

12th. 27.3°

		7.18	-0.52
10.42	-0.30	10.42	-0.29
14.02	+1.02	13.05	+0.10
		6.42	—
		10.74	+0.05
		10.10	-0.12
		131.34	-0.65
115.06	—	115.36	—
86.30	+0.06	86.29	+0.07
16.45	+0.94	16.45	+0.94

11th.

12th.

WEDNESDAY 12th — الأربعاء ١٢

Station	Present weather	Visibility	Wind Dir.	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. press. M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry bulb °C	Maximum	Diff. from normal	Minimum	Diff. from normal	% Humidity	Rain	Rain	Rain
SALUM																		99
MATRUH	01	9	28	3	0	4	8	16.8	+3.7	23.6	26	0	18	-1	83	0	101	161
MARIUT	00	8	27	1	1	3	6	16		26	27		—		66	0	187	138
ALEXANDRIA	01	9	26	2	1	3	8	—	—	24.2	28	0	22	+2	74	0	170	186
DAMIETTA	01	8	28	2	1	4	8	15.6	+3.9	25.8	28	—	20		78	0	81	106
PORT SAID	01	8	30	2	1	4	6	15.9	+4.3	25.7	29	0	22	+2	70	0	71	80
EL ARISH	01	9	20	1	1	5	3	15.5	+3.7	26.6	29	+1	18	+1	73	0	—	94
DAMANHUR	01	7	04	2	1	3	8	16.0	+3.7	25.2	32	0	20	+2	66	0	92	101
MANSURA	00	8	30	1	0	0	—	15.8	+3.8	26.2	34	0	20	+2	67	0	66	55
TANTA	00	8	30	1	0	2	8	16.3	+3.9	25.6	34	0	18	+1	67	0	86	44
ZAGAZIG	00	6	28	2	0	0	—	16.8	+4.6	27.4	34	0	20	+3	64	0	24	27
SHEBIN EL KOM	00	8	30	2	0	0	—	15.2	+3.0	26.6	36		20		63	0	36	
	01	7	02	1	0	3	8	16.0	+4.0	25.0	36		21		73	0	10	
	00	6	04	2	0	1	8	16.0	+4.0	26.2	35	0	21	+2	60	0	22	26
	00	7	04	1	1	2	8	16.3	+4.3	25.4	35	0	20	+3	71	0	41	26
	00	7	32	1	0	0	—	16.0	+4.1	25.0	34	0	20	0	60	0	20	29
	00	9	30	1	0	0	—	16.2	+5.0	26.3	35	0	21	0	61	0	—	17
	00	8	30	3	0	0	—	16.0	+4.3	26.0	36	0	21	+2	64	0	13	8
	00	9	32	2	0	0	—	15.9	+4.9	28.0	37	+1	23	+3	54	0	dr.	
	00	7	30	1	0	0	—	13.9	+3.1	30.0	38	+1	22	+1	42	0	0	4
	00	8	00	0	0	0	—	13.8	+4.6	28.7	39		19		44	0	1	
	00	8	20	1	0	0	—	12.4	+3.4	29.0	42	+2	23	0	44	0	13	
	00	7	28	2	0	0	—	12.8	+3.8	31.6	43	+2	24	+2	30	0	0	
	00	9	32	1	0	0	—	11.9	+2.8	31.0	44	+3	27	+1	20	0	dr.	—
	00	7	00	0	0	0	—	17.0	+3.4	29.0	37	0	19	0	46	0	5	8
	00	9	00	0	0	0	—	..	..	26.5	38	+2	18	-1	53	0	0	7
	00	9	32	2	0	0	—	12.7	+3.0	35.0	40	+1	26	+3	17	0	1	
	00	8	32	2	0	0	—	14.6	+3.4	29.8	38	-1	26	+4	46	0	0	
	00	7	28	3	0	0	—	13.0	+4.2	25.5	34	+1	24	+1	81	0	0	13
	00	8	30	4	0	0	—	12.2	+3.3	29.4	35	+1	..	—	43	0	1	3
	00	8	32	2	0	0	—	11.5	+2.9	30.2	33	0	27	+1	54	0	11	4
	00	7	24	4	0	2	4	9		..					50	0	18	97
	00	8	02	3	0	1	1	10		32					26	0	dr.	
	00	7	16	3	1	3	—	9		33					34	0	7	2
	18	6	20	5	1	4	1	9		32					43	0	8	7
	05	6	18	4	0	4	2	10		30						0	7	10
KASSALA	00	8	16	3	0	2	4	12		27					58	0	33	32
WAD MEDANI	01	9	12	5	1	5	1	11		28					52	0	14	35
RENK	01	9	18	3	1	4	3	12		26					79		—	117
ROSEIRES	01	8	12	4	2	4	3	13		26					79	1	229	155
EL OBEID	01	8	14	3	1	5	4,2	13		28					52	0	62	47
EL FASHER	02	9	12	1	1	8	4,5			27					66	0	6	21
GENEINA	02	8	18	1	1	7	4,5			24					50	—	—	42
KADUGLI	01	8	12	3	1	4	4	13		26					79		—	226
MALAKAL	01	8	12	1	1	5	4,5	16		23					94	0	272	243
WAU	02	8	20	1	1	6	—	14		23					94	0	175	428
JUBA	02	8	12	1	1	8	4,5	17		23					94	1	640	519

PRESENT WEATHER ww
Clear 00
Partly cloudy 01
Cloudy 02

Upper Winds are in the code HHDDVV where HH is height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV ...

MATRUH	MARIUT	PORT SAID								
7	9 15	6 30	7	7	7 15	7 15	7	7
03 28 10	02 01 55	03 02 20	02 35 20	02 36 20	07 09 30	09 10 50	09 18 40	09 23 6.
06 24 10	05 03 15	06 36 25	05 36 40	05 02 30	15 08 30	15 08 35	15 19 20	15 23 45
09 26 15	08 35 10	09 33 40	10 34 35	10 03 35	21 06 30	21 06 40	21 02 35	21 35 30
	10 36 30	15 33 30		15 03 30	33 25 05		30 27 10	
	15 35 30	21 32 40		20 01 15	39 23 25			
	20 34 20	30 32 30		25 29 25	57 25 15			
	23 32 20	39 33 20			63 09 05			
	25 32 30							
	27 32 35							

12th.

KASSALA	PORT SUDAN		
6 45	7 15	7	7
09 18 30	09 36 85	09 18 15	09 18 15
15 25 25	15 05 90	15 19 30	15 17 15
21 33 30	21 10 100	18 19 30	21 17 15
27 36 35		27 09 30	27 18 05
33 36 30		33 08 40	33 15 05
39 02 40		39 08 50	39 10 10
			51 07 20

23h. 11th.

1005	75	69
988	73	67
969	70	66
952	68	64
935	70	61
868	65	50
805	58	46
747	51	39
691	48	32
640	42	31
591	35	27
545	19	15

12th.

34700 00990 14200 1326x xxxax
34850 00841 26401 13241 60203

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise h. 4 m. 57 — Sunset 18 57 — Month JUNE 1946 — شهر يونيه 1946

At 14h. on WEDNESDAY 12th — الساعة ١٤ يوم الأربعاء 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	1	0	—	16.8	24.5	75	0	131
MARIUT	00	8	28	3	0	0	—	16	27	66	0	150
ALEXANDRIA	00	9	32	2	0	0	—	16.0	27.0	64	0	132
DAMIETTA	00	8	30	3	1	0	—	14.7	26.9	76	0	159
PORT SA'ÎD	00	8	32	2	0	0	—	15.2	28.2	65	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	15.1	25.8	76	0	135
LOWER EGYPT DAMANHÛR	00	7	04	4	1	0	—	14.8	30.3	43	0	136
MANSÛRA	00	8	02	2	0	0	—	14.4	32.0	59	0	137
TANTA	01	8	24	2	1	3	8	14.7	32.6	39	0	138
ZAGAZIG	00	6	24	1	0	2	8	14.4	33.2	43	0	139
SHEBÎN EL KÔM	00	8	30	2	0	1	8	13.8	33.4	32	0	
MIDDLE EGYPT CAIRO ALMÁZA	00	8	30	2	0	0	—	13.5	32.8	24	0	141
CAIRO EZBEKÎYA	00	8	32	2	0	0	—	14.2	32.9	33	0	
CAIRO GÎZA	00	8	28	1	0	0	—	14.3	34.0	29	0	
HELWÂN	00	7	28	2	0	0	—	13.2	32.8	27	0	143
SUEZ	00	9	30	1	0	0	—	14.3	32.0	32	0	144
UPPER EGYPT FAIYÛM	00	8	32	3	0	0	—	13.8	33.6	27	0	153
MINYA	00	9	02	3	0	0	—	13.4	35.0	31	0	154
ASYÛT	00	8	30	1	0	0	—	12.6	35.1	19	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	11.4	36.3	21	0	164
QENA	00	9	26	2	0	0	—	9.6	40.3	16	0	156
LUXOR	00	7	26	3	0	0	—	10.4	42.0	15	0	157
ASWAN	00	9	30	2	0	0	—	9.6	39.4	10	0	158
WESTERN DESERT SÎWA	00	8	00	0	0	0	—	16.7	36.4	12	0	148
BAHARÎYA	00	9	00	0	0	0	—		36.0	29	0	149
KHÂRGA	00	9	32	1	0	0	—	13.4	36.7	20	0	151
DAKHLA	00	9	28	3	0	0	—	13.2	37.2	28	0	152
RED SEA TÛR	00	7	28	4	0	0	—	11.2	31.3	73	0	145
HURGHADA	00	8	02	4	0	0	—	10.7	33.8	25	0	146
QUSEIR	00	8	32	2	0	0	—	11.4	31.8	56	0	147
PORT SUDAN	00	8	02	4	0	2	1,2	6	39	24		368
NORTH SUDAN WADI HALFA	00	8	04	3	0	1	1	8	42	12		165
KAREIMA	00	7	02	2	0	1	1	6	43	11		166
'ATBARA	00	7	12	1	1	3	1	5	42	19		167
KHARTÛM	01	8	22	4	1	4	4,2	6	39	26		289
KASSALA	01	8	26	1	0	3	8	7	38	27		170
CENTRAL SUDAN WAD MEDANI	01	8	20	4	1	5	8	7	38	25		171
RENK	00	9	18	3	0	0	—	8	33	41		182
ROSEIRES	01	8	16	1	1	4	8	—	34	41		172
EL OBEID	02	9	20	3	1	5	8,4	7	37	27		174
EL FASHER	02	9	16	1	1	7	8,4,5	—	34	47		175
GENEINA	01	9	16	2	1	5	8,4	—	33	32		179
KADUGLI												187
S. SUDAN MALAKAL	01	8	20	2	1	4	8,4	11	33	44		176
WÂU	02	8	18	1	1	6	8,4,2	11	30	59		177
JUBA	02	7	08	2	1	8	6	—	33	—		178

At 20h. on 12th — الساعة ٢٠ يوم الأربعاء 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 h. mms
MEDITERRANEAN MATRÛH	00	8	28	2	0	0	—	16.4	23.2	89	
MARIUT	00	7	29	1	0	0	—	16	24	79	0
ALEXANDRIA	00	6	32	2	0	0	—	16.3	23.2	83	0
DAMIETTA	00	7	30	2	1	2	6	14.8	23.5	90	0
PORT SA'ÎD	01	8	30	3	1	3	8	15.1	22.8	83	0
EL 'ARÎSH	00	9	32	2	0	3	3	14.7	22.4	90	0
LOWER EGYPT DAMANHÛR	00	7	08	2	0	0	—	15.5	24.0	67	0
MANSÛRA	00	6	02	2	0	0	—	15.2	24.6	71	0
TANTA	00	8	28	1	1	0	—	15.6	24.8	50	0
ZAGAZIG	20	6	32	2	0	0	—	15.9	25.0	68	0
SHEBÎN EL KOM	00	7	02	2	0	0	—	14.4	25.8	59	0
MIDDLE EGYPT CAIRO ALMÁZA	00	7	02	2	0	0	—	14.5	26.4	44	0
CAIRO EZBEKÎYA	00	8	32	2	0	0	—	14.6	28.2	51	0
CAIRO GÎZA	00	7	02	2	0	0	—	14.4	28.9	50	0
HELWÂN	00	6	32	5	0	0	—	13.8	28.4	44	0
SUEZ	00	9	30	2	0	0	—	14.4	28.0	53	0
UPPER EGYPT FAIYÛM	00	8	32	2	0	0	—	13.5	30.3	40	0
MINYA	00	9	32	2	0	0	—	13.2	31.0	27	0
ASYÛT	00	8	28	1	0	0	—	12.7	30.4	24	0
NAG' HAMÂDI	00	8	00	0	0	0	—	10.7	30.5	28	0
QENA	00	6	24	2	0	0	—	10.7	32.6	17	0
LUXOR	00	6	28	3	0	0	—	10.3	33.7	19	0
ASWAN	20	9	32	3	0	0	—	10.2	37.0	10	0
WESTERN DESERT SÎWA	00	—	00	0	0	0	—	15.5	32.2	37	0
BAHARÎYA											
KHÂRGA	00	9	32	1	0	0	—	12.0	35.0	15	0
DAKHLA	00	7	28	1	0	0	—	12.0	35.7	15	0
RED SEA TÛR	00	7	28	4	0	0	—	10.8	30.3	60	0
HURGHADA	00	8	28	4	0	0	—	10.6	32.2	36	0
QUSEIR	00	8	32	3	0	0	—	11.2	28.7	56	0
PORT SUDAN											
NORTH SUDAN WADI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SUDAN WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SUDAN MALAKAL											
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

MATRÛH	MARIUT	PORT SAID	ALMÁZA	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. 13 m. 15	h. 12 m. 30	h. 13 m.	h. 13 m.	h. 13 h. m.	h. 13 m. 30	h. 13 h. m.
							09 04 20	09 02 05	09 28 10	09 25 20	09 23 40	09 17 10	09 20 15
							15 06 05	15 06 10	15 23 05	15 26 20	15 26 10	15 19 10	15 19 15
							21 32 10	21 02 10	21 05 20	21 26 20	21 25 15	21 18 15	21 18 15
							27 29 20	24 06 15	24 07 20		27 26 05	24 15 10	27 10 65
							33 26 30		27 09 20		30 19 10	27 09 10	33 11 65
							39 24 30		30 21 15				39 09 65
							51 14 15						42 07 55
							63 21 10						

Remarks

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

Discharges at Aswan measured by slopes m³ per sec	DATE	1946	1945
	13-6	1643	1505
	12-6	1643	1505

Mean of day

STATION	HUMIDITY at 12th	HUMIDITY Diff. from normal	WET BULB TEMP at 12th	WET BULB TEMP Diff. from normal
Alexandria	76	+ 4	24.4	+ 0.6
Ezbekîya	54	+ 1	21.3	+ 0.8
Gîza	57	+ 5	21.6	+ 1.6
Helwân	44	+ 9	20.1	+ 1.7

GIZA — GRASS MINIMUM TEMP ON 13th .. 17.4 °C

CAIRO — WATER TEMP RIVER NILE ON 13th .. AT 9h. 27.4 °C

GAUGE	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.50	+ 0.02
Nasser				7.22	— 0.54
Malakâl		10.43	— 0.31	10.42	— 0.30
J. Aulia Res				370.99	
J. Aulia D.S				370.94	— 0.23
Roseires		13.18	+ 0.16	14.02	+ 1.02
Sennar Res				6.53	
Khartum				10.75	+ 0.03
Kh. el Girba					
Atbara				10.28	+ 0.05
Kajnarti		131.30	— 0.78	131.34	— 0.69
Aswân Res.		114.72		115.06	
Aswân D.S.		86.30	+ 0.05	86.30	+ 0.06
Roda (Cairo)		16.45	+ 0.93	16.45	+ 0.94

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

At 8h. on THURSDAY 13th — الخميس ١٣ 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													—					99
MATRÛH	00	9	28	3	0	3	8	15.8	+2.8	22.4	26	— 1	19	0	88	0	101	161
MARIUT	00	8	26	1	0	0	—	15		27	28	—	21	—	55	0	187	138
ALEXANDRIA	00	9	24	2	0	0	—	16.0	+3.1	24.8	29	+1	22	+2	74	0	170	186
DAMIETTA	00	7	24	2	4	0	—	14.2	+2.6	26.0	28	—	20	—	75	0	81	106
PORT SA'ÎD	00	8	20	2	0	1	1	14.3	+2.8	25.9	29	0	22	+2	73	0	71	80
EL 'ARÎSH	00	9	20	1	0	0	—	14.2	+2.5	26.9	27	— 1	19	+1	71	0	—	94
LOWER EGYPT DAMANHÛR	00	7	04	3	0	0	—	15.0	+2.8	27.2	31	— 1	20	+2	58	0	92	101
MANSÛRA	00	8	08	1	0	0	—	14.8	+2.9	26.2	33	— 1	18	— 1	67	0	66	55
TANTA	00	8	32	1	0	0	—	15.1	+2.8	25.4	33	— 1	18	+1	70	0	86	44
ZAGAZIG	00	6	24	2	0	0	—	15.1	+3.0	28.0	34	0	19	+1	65	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	0	—	14.6	+2.5	26.2	35	—	20	—	56	0	36	—
MIDDLE EGYPT CAIRO ALMAZA	00	7	08	1	0	3	6	15.0	+3.0	24.5	35	—	20	—	72	0	10	—
CAIRO EZBEKÎYA	05	6	28	1	0	1	8	14.8	+2.8	26.3	35	0	21	+1	66	0	22	26
CAIRO GÎZA	00	7	04	1	1	2	8	15.2	+3.3	25.7	35	0	20	+3	70	0	41	26
HELWÂN	00	7	00	0	0	0	—	14.7	+2.9	23.8	34	0	20	0	71	0	20	29
SUEZ	00	9	30	1	0	0	—	14.6	+3.5	25.0	34	— 1	21	0	68	0	—	17
UPPER EGYPT FAIYÛM	00	8	02	3	0	2	8	15.0	+3.4	25.2	35	— 1	21	+2	69	0	13	8
MINYA	00	9	32	3	0	0	—	14.4	+3.5	26.7	37	+1	22	+2	58	0	dr.	—
ASYÛT	00	7	26	1	0	0	—	13.5	+2.8	27.2	37	0	22	+1	53	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	12.0	+2.8	28.0	37	—	19	—	50	0	1	—
QENA	00	8	26	2	0	0	—	11.0	+2.1	29.0	41	0	23	0	40	0	13	—
LUXOR	00	7	28	1	0	0	—	11.6	+2.7	30.0	41	0	23	+1	30	0	0	—
ASWÂN	00	9	32	4	0	0	—	10.8	+1.8	30.4	41	0	26	0	19	0	dr.	—
WESTERN DESERT SÎWA	00	7	00	0	0	0	—	17.5	+3.9	27.0	38	+1	19	0	45	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	13.4	+0.8	30.0	38	+2	21	+2	53	0	0	7
KHÂRGA	00	9	32	1	0	0	—	14.0	+4.3	28.0	37	— 2	24	+1	50	0	1	—
DÂKHLA	00	8	22	1	0	0	—	14.6	+3.5	29.2	38	— 1	24	+2	44	0	0	
RED SEA TÛR	00	7	28	4	0	0	—	10.7	+2.0	25.2	33	0	24	+1	76	0	0	13
HURGHÂDA	00	8	30	4	0	0	—	10.2	+1.4	27.8	35	+1	25	+2	49	0	1	3
QUSEIR	00	8	32	3	0	0	—	9.9	+1.3	29.6	33	0	26	0	53	0	11	4
PORT SÛDÂN	00	8	02	3	0	2	4	8		36					33	0	18	97
NORTH SUDAN WÂDI HALFA	00	8	32	3	0	0	—	11		29					23	0	dr.	—
KAREIMA	14	7	04	5	0	1	1	9		34					14	0	7	2
'ATBARA	01	8	20	3	1	4	1	8		34					22	0	8	7
KHARTÛM	00	7	18	4	1	2	1	10		31					38	0	7	10
KASSALA	00	8	16	3	0	0	—	11		29					52	0	33	32
CENTRAL SUDAN WAD MEDANI	03	9	20	4	6	8	1	11		27					70	2	16	36
RENK	02	8	20	3	2	6	6	12		24					84	—	—	120
ROSEIRES	02	8	20	1	2	6	4	14		26					74	1	230	158
EL OBEID	02	9	12	7	8	6	9,4	12		26					74	tr.	62	48
EL FÂSHER	01	9	00	0	1	3	1	—	—	26					74	5	11	21
GENEINA	01	8	00	0	1	4	6	—	—	25					61	—	—	44
KADUGLI	02	8	20	3	1	6	9	14		24					74	—	—	230
S. SUDAN MALAKÂL	02	8	16	1	1	5	4,5	15		24					84	0	272	247
WÂU	01	8	18	2	1	3	4,1	14		23					84	12	187	433
JUBA	02	8	10	1	1	5	4,2	15		23					89	1	641	524

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRÛH	MARIUT	PORT SAID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. 6 m. 30	h. m.	h. 7 m.	h. m.	h. m.	h. 7 m.	h. 7 m. 45	h. 7 m. 15	h. 7 m.	h. 7 m.
03 32 15		03 33 10	02 36 05	03 01 30	02 31 20		02 36 15	09 01 60	09 02 45	09 04 45	09 22 60
06 32 15		06 36 20	05 02 20	06 02 45	05 34 35		05 36 40	15 32 40	15 06 25	15 07 45	15 28 40
09 33 30		09 35 30	08 02 30	09 02 50	10 01 45		10 02 35	21 28 40	21 06 25	21 08 45	21 31 20
15 34 25		15 33 30	10 03 45	12 01 35			15 36 45			24 12 05	24 34 25
		21 34 30	15 02 50	15 36 30			20 35 25			27 18 10	27 35 20
		24 35 25	20 36 60	18 36 45			25 36 15			30 09 10	
		30 36 25	23 36 60	21 28 40						33 02 10	
		45 01 05	25 36 45	24 35 35							
			26 01 45	27 34 40							

UPPER WINDS ON 13th

KASSALA	PORT SUDAN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. 6 m. 45	h. 7 m. 45	h. 6 m. 45	h. m.	h. 7 m.	h. 7 m.
09 19 30	09 04 05	09 13 40		09 25 15	09 21 15
15 22 30	15 06 35	15 14 30		15 27 15	15 21 10
21 28 20	18 10 25	21 18 40		21 27 40	
27 24 —				39 03 15	

UPPER AIR TEMP ALMÁZA AT 23h. GMT ON 12th

HEIGHT FEET	PPP mb	TT °C	TT °F
Surface	1006	73	67
500	989	70	66
1000	970	69	62
1500	952	69	58
2000	935	68	57
4000	869	66	52
6000	806	59	47
8000	747	55	87
10000	692	51	32
12000	640	46	31
14000	591	39	28
16000	545	30	26

CYPRUS SYNOPTIC 8h. ON 13th

34700 00990 18200 11281 70903 00170
34800 00990 26300 12271 60502 00200

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)

	KPH	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-28	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD)

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

(417 P.S.)

DAILY WEATHER REPORT

Time of Sunrise 04 h. 53 m.
Sunset 18 h. 57 m.

Month JUNE 1946 — شهر يونيه ١٩٤٦

STATION	At 14h. on THURSDAY 13th (الساعة ١٤ يوم الخميس ١٣) Present Weather ww	Visibility 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	At 20h. on 13th (الساعة ٢٠ يوم الخميس ١٣) Present Weather ww	Visibility 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	28	3	0	0	—	14.7	25.2	74	0												131
MARIUT	00	8	28	3	0	0	—	14	28	60	0	00	7	27	2	0	0	—	12	24	74	0	150
ALEXANDRIA	00	9	26	3	0	0	—	13.8	28.0	68	0	00	6	28	2	0	0	—	13.1	24.2	76	0	132
DAMIETTA	00	8	28	3	0	0	—	12.3	29.8	50	0	00	8	28	3	0	0	—	11.5	23.0	91	0	159
PORT SA'ÎD	00	8	32	2	0	0	—	13.0	29.9	41	0	00	8	30	3	0	0	—	11.4	24.4	82	0	134
EL 'ARÎSH	00	8	28	3	0	0	—	12.7	28.2	70	0	00	9	30	1	0	0	—	11.5	23.1	94	0	135
LOWER EGYPT: DAMANHÛR	00	7	08	4	0	0	—	12.8	31.8	42	0	00	7	08	3	0	0	—	12.4	24.5	96	0	136
MANSÛRA	00	8	32	2	0	0	—	12.4	34.0	21	0	00	6	02	2	0	0	—	11.9	25.6	70	0	137
TANTA	00	8	28	3	0	0	—	12.8	34.3	24	0	00	8	32	2	0	0	—	12.0	26.0	57		138
ZAGAZIG	00	6	24	2	0	0	—	12.3	34.0	29	0	00	6	32	2	0	0	—	12.0	26.0	62	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	—	12.0	34.9	20	0	00	7	30	2	0	0	—	11.4	26.4	65	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	32	2	0	0	—	11.7	33.5	24	0	00	7	02	3	0	0	—	11.2	29.1	35	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	—	12.3	33.2	30	0	00	7	30	2	0	0	—	11.1	28.6	45	0	—
CAIRO GÎZA	00	8	28	2	0	0	—	12.7	34.0	26	0	00	7	28	3	0	0	—	11.5	30.0	31	0	—
HELWÂN	00	7	30	3	0	0	—	11.6	33.0	23	0	00	7	30	4	0	0	—	10.7	29.2	29	0	143
SUEZ	00	9	30	1	0	0	—	12.4	33.0	29	0	00	9	02	2	0	0	—	11.2	28.4	37	0	144
UPPER EGYPT: FAIYÛM	00	8	02	3	0	0	—	11.8	34.0	27	0	00	8	32	2	0	0	—	10.6	29.6	32	0	153
MINYA	00	9	32	4	0	0	—	11.8	35.7	18	0	00	9	32	2	0	0	—	10.2	30.0	32	0	154
ASYÛT	00	8	30	1	0	0	—	10.4	34.0	23	0	00	6	26	1	0	0	—	9.2	30.4	29	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	7.6	37.0	18	0	00	8	00	0	0	0	—	6.8	29.7	33	0	164
QENA	00	9	26	2	0	0	—	6.2	40.2	16	0	00	6	26	2	0	0	—	6.9	34.3	17	0	156
LUXOR	00	7	30	3	0	0	—	7.8	39.0	17	0	00	6	28	3	0	0	—	6.2	34.0	22	0	157
ASWÂN	00	9	30	2	0	0	—	6.8	38.3	08	0	00	9	00	0	0	0	—	6.3	37.0	10	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	15.9	37.4	29	0	00		02	2	0	0	—	13.6	34.0	31	0	148
BAHARÎYA												00		00	0	0	0	—	11.6	—	—	0	149
KHÂRGA	00	9	32	1	0	0	—	11.2	36.2	12	0	00	9	32	1	0	0	—	10.0	32.4	22	0	151
DAKHLA	00	9	28	3	0	0	—	11.9	35.2	26	0	00	7	32	2	0	0	—	10.8	27.6	34	0	152
RED SEA: TÔR	00	7	28	4	0	0	—	10.1	29.1	56	0	00	7	28	4	0	0	—	—	28.1	52	0	145
HURGHÂDA	00	8	02	4	0	0	—	9.4	30.2	47	0	00	8	28	4	0	0	—	8.4	28.5	48	0	146
QUSEIR	00	8	32	2	0	0	—	8.7	31.2	59	0	00	8	28	3	0	0	—	6.6	28.3	55	0	147
PORT SUDÂN	00	7	02	4	0	0	—	5	36	35													189
WÂDI HALFA	00	7	32	4	0	0	—	7	38	11													165
KAREIMA	01	8	04	2	0	3	2	5	42	08													166
ATBARA	02	8	24	1	1	8	2	4	42	17													167
KHARTÛM	00	9	20	3	0	1	4	6	39	21													168
KASSALA	02	8	22	2	1	5	8,4	5	38	31													170
CENTRAL: WAD MEDANI	01	8	24	4	6	5	8	7	34	32													171
RENK	01	9	20	3	1	4	3	—	30	49													182
ROSEIRES	02	8	20	4	1	5	4	—	33	47													172
EL OBEID	14	8	16	4	6	8	6,4	9	28	58													174
EL FÂSHER	02	9	32	5	1	6	8,4	—	37	17													175
GENEINA	10	9	20	3	1	4	8	—	34	29													179
KADUGLI																							187
S. SUDAN: MALAKAL	02	8	24	2	8	5	4,5	10	31	49													176
WAU	02	8	16	2	1	5	8	10	31	49													177
JUBA	10	8	00	0	1	4	9,4	11	31	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.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
	13 h 30 m						13 h 15 m	11 h 30 m	13 h	13 h	13 h	13 h	13 h
	03 31 25						09 36 45	09 04 65	09 35 30	09 34 36	09 19 35	09 24 20	09 18 02
	06 32 30						15 33 30	15 05 38	15 25 30	15 32 20	15 20 35	15 26 20	
	09 32 30						21 29 40	21 06 30		21 21 15		21 22 20	
	12 34 35						27 26 35	24 07 20		24 22 15		27 20 10	
							33 29 25	30 18 05				33 09 10	

Sunrise & set: Hours are given in Standard time (long. 30°E) and are two hours fast on Greenwich mean time.

Station	Humidity on 13th	Diff. from normal	Wet bulb temp. on 13th	Diff. from normal
Alexandria	73	+1	22.2	+1.3
Ezbekiya	54	0	21.2	+0.7
Giza	47	-6	20.6	+0.5
Helwan	47	+6	19.3	+0.9

GIZA — GRASS MINIMUM TEMP. on 14th 16.0°

CAIRO — WATER TEMP. RIVER NILE 8h. on 14th 27.3°

Discharges at Aswan measured by sluices m³ per sec.	Date	1946	1945
	14-6	1643	1620
	13-6	1643	1505

Gauge	Date	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	14-6-46	12.16	-0.32	13.20	-0.28
Nasser				7.28	-0.52
Malakal		10.44	-0.32	10.43	-0.31
J. Aulia Res.					
J. Aulia D.S.					
Roseires		14.23	+1.17	13.18	+0.16
Sennar Res.		6.71	—	6.46	—
Khartum		10.63	-0.16	10.73	-0.02
Kh. el Girba					
Atbara		10.41	+0.14	10.38	+0.13
Gajnarti		131.26	-0.88	131.30	-0.78
Aswan Res.		114.44	—	114.72	—
Aswan D.S.		86.30	+0.04	86.30	+0.05
Roda (Cairo)		16.47	+0.95	16.45	+0.93

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

STATION	At 8h. on FRIDAY 14th (الساعة ٨ يوم الجمعة ١٤) 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	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												—		—				99
MATRÛH	01	9	28	3	0	4	8	12.2	-0.7	28.0	26	-1	19	0	88	0	101	161
MARIUT	00	8	27	3	0	0	—	10		27	29	—	22	—	66	0	187	138
ALEXANDRIA	00	9	24	3	0	0	—	10.8	-2.0	25.4	29	+1	23	+2	73	0	170	186
DAMIETTA	00	6	22	1	4	0	—	9.9	-1.6	26.8	30	—	20	—	78	0	81	106
PORT SA'ÎD	00	8	22	2	0	3	5	9.8	-1.6	29.1	31	+2	23	+3	74	0	71	80
EL 'ARÎSH	00	9	26	3	0	3	3	9.8	-1.8	26.1	29	0	19	+1	82	0	—	94
LOWER EGYPT: DAMANHÛR	00	7	32	3	0	0	—	10.2	-1.9	28.0	33	+1	20	+2	60	0	92	101
MANSÛRA	00	8	02	1	0	0	—	10.0	-1.8	27.2	35	+1	19	0	66	0	66	55
TANTA	00	8	28	1	0	0	—	10.6	-1.7	26.6	35	+1	18	+1	64	0	86	44
ZAGAZIG	00	6	32	2	0	0	—	10.7	-1.4	27.0	35	+1	19	+1	69	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	0	—	10.0	-2.1	27.6	36	—	20	—	61	0	36	—
MIDDLE EGYPT: CAIRO ALMAZA	00	7	30	2	0	0	—	10.4		24.7	36	—	21	—	72	0	10	
CAIRO EZBEKÎYA	00	7	28	2	0	0	—	10.6	-1.3	26.6	36	+1	22	+2	64	0	22	26
CAIRO GÎZA	00	7	28	2	0	0	—	11.1	-0.8	25.7	35	0	18	+1	66	0	41	26
HELWAN	00	7	30	3	0	0	—	10.4	-1.3	24.7	34	-1	20	0	66	0	20	29
SUEZ	00	9	02	1	0	0	—	10.7	-0.3	24.8	35	0	20	-1	69	0	—	17
UPPER EGYPT: FAIYÛM	00	8	02	2	0	0	—	11.0	-0.5	26.5	35	-1	20	+1	58	0	13	8
MINYA	00	9	32	2	0	0	—	—	—	25.0	36	0	20	0	60	0	tr.	
ASYÛT	00	7	28	2	0	0	—	10.3	-0.3	27.1	36	-1	21	0	43	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	7.9	-1.2	27.4	38	—	20	—	41	0	1	
QENA	00	8	24	2	0	0	—	7.2	-1.6	29.2	42	+1	22	-1	32	0	13	
LUXOR	00	7	28	1	0	0	—	7.4	-1.4	34.0	42	+1	20	-2	22	0	0	
ASWÂN	00	9	32	3	0	0	—	7.1	-1.8	30.3	39	-2	24	-2	18	0	tr.	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	14.4	+0.9	24.0	39	+2	19	0	46	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	12.2	-0.3	28.0	39	+3	20	+1	57	0	0	7
KHÂRGA	00	9	32	4	0	0	—	10.7	+1.1	26.6	37	-2	24	+1	43	0	1	
DAKHLA	00	8	32	2	0	0	—	12.4	+1.3	26.8	36	-3	22	0	48	0	0	
RED SEA: TÔR	00	7	28	3	0	0	—	7.6	-1.0	28.1	34	+1	25	+2	70	0	0	13
HURGHÂDA	00	8	30	4	0	0	—	7.3	-1.5	28.5	32	-2	23	0	33	0	1	3
QUSEIR	00	8	30	3	0	0	—	5.9	-2.6	29.8	33	0	27	+1	42	0	11	4
PORT SUDÂN	01	8	00	0	1	5	1	6		33					50	0	18	97
WÂDI HALFA																0	tr.	
KAREIMA																0	7	2
ATBARA	00	7	20	4	0	0	—	7		31					38	0	8	7
KHARTÛM	02	8	14	4	6	8	4	10		27					66	1	8	11
KASSALA	01	8	18	3	0	4	4	10		28					52	0	33	33
CENTRAL: WAD MEDANI	02	9	16	4	1	8	4	12		26					70	23	39	37
RENK												—		—		—	—	123
ROSEIRES	02	8	16	1	2	6	2	14		24					84	0	230	162
EL OBEID	01	9	18	4	1	4	4	9		28					45	0	62	49
EL FÂSHER	01	9	02	2	1	4	2	—	—	25					79	0	11	22
GENEINA												—		—		—	—	46
KADUGLI	02	8	20	2	1	5	9	13		24		—		—	74	—		234
S. SUDAN: MALAKAL	02	8	00	0	1	5	4,5	12		26					79	0	272	251
WAU	02	8	24	1	1	7	4,5	12		22					94	0	187	439
JUBA	02	8	14	2	1	5	8,4	16		23					94	0	661	529

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
	6 h 45 m	6 h 30 m		7 h 13 m		7 h 15 m					
	03 33 35	03 32 05		03 01 02		03 29 05					
	06 34 60	06 01 15		06 01 55		06 32 10					
	09 35 40	09 36 05		09 01 55		09 32 05					
		15 35 25		15 01 65		15 32 20					
						21 32 25					

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
7 h	7 h	7 h			7 h
09 19 25	09 02 35	09 21 35			09 13 10
15 24 25	15 21 15	15 19 25			15 21 30
21 25 40		21 29 05			21 21 30
27 26 45		27 02 15			27 19 20
		33 04 15			33 18 20
					39 18 10

UPPER AIR TEMP. ALMAZA at 23h G.M.T. on 13th

Height feet	P mb		
Surface	1002	72	66
500	984	70	60
1000	966	68	64
1500	949	72	58
2000	932	71	57
4000	865	66	49
6000	803	61	41
8000	744	58	37
10000	689	53	34
12000	637	47	29
14000	589	39	28
16000	543	32	25

CYPRUS SYNOPTIC 8h. ON 14th

34700 00990 12100 07282 1XXXX 00170
34800 00990 26200 08291 40801 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
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
Snow	83, 84
Sleet	85, 86
Hail	88, 89
Thunderstorm	89
Hail	98

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at
50 metres
200
500
1 kilometre
10
20
50
Visible over 50 kms.

CLOUD AMOUNT (N)

Clear
Trace
Over 9/10 tenths
Overcast
Fog or Dust

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

Time of Sunrise 04 59
Sunset 18 57

Month JUNE 1946 — شهر يونيه ١٩٤٦

FRIDAY 14th — الجمعة ١٤

Station	Present weather (8h)	Visibility	Wind dir.	Force	Past weather	Cloud amount	Cloud form	Bar. press M.S.L. 1000+ mbs.	Temp. °C	Humidity	Rain 8–14 mms	Present weather (20h)	Visibility	Wind dir.	Force	Past weather	Cloud amount	Cloud form	Bar. press M.S.L. 1000+ mbs.	Temp. °C	Humidity	Rain 14–20 mms	Station number
[illegible]																							130
[illegible]	00	9	28	3	1	0	—	12.3	25.6	79	0	00	8	28	3	0	0	—	11.6	23.4	91	0	131
[illegible]	00	8	29	4	0	0	—	10	28	62	0	00	8	29	3	0	0	—	10	24	79	0	150
[illegible]	00	9	30	4	0	0	—	10.7	28.2	66	0	00	6	28	2	0	0	—	11.1	24.0	73	●	132
[illegible]	00	7	28	3	0	0	—	9.1	29.4	69	0	00	6	28	2	0	0	—	8.6	25.0	94	0	159
[illegible]	00	8	30	3	0	0	—	8.8	30.6	67	0	00	8	30	2	0	0	—	8.8	25.0	76	0	134
[illegible]	00	9	28	4	0	0	—	9.0	27.1	84	0												135
[illegible]	00	7	08	3	0	0	—	10.2	31.4	49	0	00	7	08	3	0	0	—	9.9	25.2	81	0	136
[illegible]	00	6	32	2	0	0	—	8.6	36.0	30	0	00	6	02	2	0	0	—	9.0	26.6	72	0	137
[illegible]	00	6	20	1	0	0	—	9.1	35.2	31	0	00	8	00	0	0	0	—	7.5	26.4	53	0	138
[illegible]	00	6	24	3	0	0	—	8.4	35.5	35	0	00	6	16	2	0	0	—	9.2	27.5	70	0	139
[illegible]	00	8	02	3	0	0	—	8.6	36.4	29	0	00	7	02	2	0	0	—	8.6	27.2	62	0	—
[illegible]	00	8	02	3	0	0	—	8.1	35.1	29	0	00	7	30	2	0	0	—	8.4	30.7	47	0	141
[illegible]	00	8	32	3	0	0	—	8.4	35.8	33	0	00	7	28	2	0	0	—	8.8	29.7	53	0	—
[illegible]	00	8	02	1	0	0	—	8.8	35.2	28	0	00	7	28	2	0	0	—	8.7	31.2	41	●	—
[illegible]	00	7	30	3	0	0	—	7.9	35.9	20	0	00	7	30	4	0	0	—	8.2	30.9	40	0	143
[illegible]	00	9	02	1	0	0	—	7.8	34.0	18	●	00	9	30	1	0	0	—	8.8	30.3	44	0	144
[illegible]	00	8	32	3	0	0	—	7.6	35.2	24	0	00	8	32	2	0	0	—	8.6	30.3	47	0	153
[illegible]	00	9	30	3	0	0	—	8.1	36.4	27	0	00	9	32	2	0	0	—	8.7	31.9	33	0	154
[illegible]	00	8	30	1	0	0	—	7.8	35.1	19	0	00	6	26	1	0	0	—	7.6	31.3	29	0	155
[illegible]	00	8	00	0	0	0	—	5.9	37.4	19	0	00	8	00	0	0	0	—	5.1	30.7	32	0	164
[illegible]	00	9	00	0	0	2		5.2	39.6	18	0	00	6	24	2	0	0	—	4.8	30.8	28	0	156
[illegible]	00	7	18	2	0	0	—	5.5	40.0	15	0	00	6	28	3	0	0	—	4.8	34.4	17	0	157
[illegible]	00	9	00	0	0	0	—	4.7	38.6	10	0	00	9	00	0	0	0	—	4.4	36.8	12	0	158
[illegible]	00	8	00	0	0	0	—	13.9	35.6	22	0	00		00	0	0	0	—	11.8	33.8	41	0	148
[illegible]	00	9	00	0	0	0	—	9.2	38.0	23	0												149
[illegible]	00	9	32	1	0	0	—	7.4	37.4		0												151
[illegible]	00	9	28	3	0	0	—	10.8	33.8	31	●	00	7	32	1	0	0	—	10.3	27.2	26	0	152
[illegible]	00	7	28	4	●	0	—	7.3	29.3	47	0	00	7	28	4	0	0	—	6.0	30.1	49	0	[illegible]
[illegible]	00	8	20	4	0	0	—	6.7	30.7	47	0												148
[illegible]	00	8	32	2	0	0	—	6.0	32.0	40	0	00	8	30	2	0	0	-	4.8	28.7	54	●	147
[illegible]	00	8	06	3	1	0	—	4	33	50													208
[illegible]	01	8	32	3	1	4	1	5	38	11													
[illegible]	02	8	24	3	1	6	2	6	40	08													
[illegible]	01	7	24	2	1	5	2	4	41	10													
[illegible]	02	8	20	4	2	5	8,4,5	7	36	27													
[illegible]	01	8	24	3	1	3	8,4,1	5	38	21													209
[illegible]	02	8	16	5	1	8	1	7	33	44													
[illegible]	02	8	18	3	1	5	8	9	26	62													
[illegible]	02	8	10	1	2	6	5	11?	29	59													
[illegible]	01	9	17	4	1	4	8,4	6	34	32													
[illegible]	01	9	10	2	1	4	8,2	—	35	22													
[illegible]	01	8	20	4	1	3	8,4	—	33	32													
[illegible]	02	8	20	3	1	5	4	10	27	74													37
[illegible]	93	7	00	0	9	8	7,4,5	11	23	94													
[illegible]	01	8	16	1	1	4	8	10	30	55													
[illegible]	01	8	12	3	1	5	9,4	11	27	58													

SATURDAY 15th — السبت ١٥

Station	Present weather	Visibility	Wind dir.	Force	Past weather	Cloud amount	Cloud form	Bar. press M.S.L. 1000+ mbs.	Diff. from normal mbs.	Temp. dry bulb °C	Max. yesterday °C	Diff. from norm.	Min. today °C	Diff. from norm.	Humidity	Rainfall past 24 hrs mms	Since 1st Oct.	Normal since 1st Oct.
SALÛM																		99
MATRÛH	00	9	28	3	0	0	—	13.0	+0.2	24.0	27	0	20	+1	57	0	101	161
MARIUT	00	7	26	3	0	0	—	11		27	29	—	23	—	70	0	187	138
ALEXANDRIA																	170	186
DAMIETTA	00	8	26	3	0	0	—	9.6	-1.8	27.1	32	—	23		78	0	81	106
PORT SAÎD	00	8	30	2	0	0	—	10.2	-1.1	27.3	31	+2	24	+3	70	0	71	80
EL ARÎSH																	—	94
DAMANHÛR	00	7	08	4	0	0	—	10.4	-1.6	27.0	32	0	20	+2	62	0	92	101
MANSÛRA	00	8	02	1	0	0	—	10.4	-1.4	27.8	37	+3	21	+2	58	0	66	55
TANTA	00	8	28	1	0	0	—	11.2	-1.0	27.9	36	+2	19	+1	62	0	107	44
ZAGAZIG	00	6	28	2	0	0	—	11.2	-0.8	29.9	36	+2	20	+2	54	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	0	—	10.3	-1.7	27.3	37	—	21	—	64	0	36	
ALMAZA	05	6	28	1	0	0	—	11.2	-0.6	25.9	37	—	22		61	0	10	
EZBEKÎYA	05	6	32	2	0	0	—	11.1	-0.7	27.4	37	+2	22	+2	60	0	22	26
GÎZA	00	7	28	1	0	0	—	11.4	-0.4	26.4	36	+1	21	+3	65	0	41	26
HELWAN	05	6	30	1	0	0	—	11.4	-0.2	25.3	36	+1	21	+1	66	0	20	29
SUEZ	00	9	06	1	0	0	—	11.5	+0.6	27.7	36	+1	23	+2	64	0	—	17
FAYÛM	00	8	02	3	0	0	—	11.2	-0.3	26.5	37	+1	22	+2	65	0	13	8
MINYA	00	9	32	2	0	0	—	11.4	+0.6	27.5	38	+2	23	+3	60	0	dr.	
ASYÛT	00	7	20	1	0	0	—	10.2	-0.4	28.5	37	0	23	+2	55	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	9.2	+0.2	29.4	38	—	18		40	0	1	
QENA	00	7	24	2	0	0	—	8.3	-0.5	28.2	41	0	21	-2	38	0	13	
LUXOR	00	7	14	2	0	0	—	8.8	0.0	33.0	42	+1	20	-2	27	0	0	
ASWÂN	00	9	32	1	0	0	—	8.3	-0.5	30.5	41	0	25	-1	19	0	dr.	—
SIWA	00	7	00	0	0	0	—	15.2	+1.7	29.0	39	+1	21	+2	59	0	5	8
BAHARÎYA	00	9	32	1	0	0	—	13.4	+1.0	28.0	40	+4	19	0	51	0	0	7
KHARGA																	1	
DAKHLA	00	8	28	1	0	0	—	12.3	+1.3	28.2	36	-4	24	+2	46	0	0	
[illegible]	00	7	28	3	0	0	—	8.1	-0.4	27.2	33	0	24	+1	74	0	0	13
HURGHADA																	1	3
[illegible]	00	8	32	3	0	0	—	7.1	-1.3	31.2	33	0	24	-2	41	0	11	4
[illegible]	00	7	00	0	0	0	—	7		33					66	0	18	97
[illegible]	00	8	08	1	0	2	1	9		26					23	0	tr.	
[illegible]	01	8	30	2	1	4	1	9		31					11	0	7	2
[illegible]	02	8	18	2	1	8	2	9		31					49	0	8	7
[illegible]	01	8	14	3	2	3	4	11		29					52	0	8	11
[illegible]																0	33	34
[illegible]	01	9	16	5	1	4	4	—		28					58	●	39	38
[illegible]	02	8	12	3	2	6	5	13		25					79		—	125
[illegible]	02	8	18	1	2	6	6,2	14		26					79	0	230	166
[illegible]	10	8	18	3	6	8	6,4,5	12		27					70	11	73	50
EL FASHER	00	9	20	1	1	3	4			27					52	0	11	22
GENEINA	01	8	20	3	1	4	8,1	—		24					74	—	—	48
KADUGLI	02	9	12	2	1	6	4	13		26					79		—	238
MALAKAL	02	8	14	2	1	5	4,5	15		23					89	tr.	272	255
WAU	01	8	24	1	1	4	4,1	14		24					84	15	202	445
JUBA	01	8	12	2	1	4	4	15		24					84	0	641	534

PRESENT WEATHER: Clear; Partly cloudy; Cloudy; Overcast; ... Dust Devils ...

Upper Winds (14th)

13 — 03 32 30, 06 32 25, 09 33 20, 15 34 15, 21 36 20, 30 36 25, 45 34 20, 51 35 30

13 — 03 35 30, 06 36 20, 09 36 25, 15 36 30, 18 35 35, 21 01 30, 27 01 15, 30 03 20, 33 03 15

13 15 | 13 | 13 | 12 30 | 12 45 | MALAKAL / JUBA 13

09 34 30 09 35 20 09 24 30 09 23 05 09 20 25 — 09 20 25
15 33 45 15 35 20 15 24 30 15 21 05 15 20 20 — 15 20 15
21 33 35 21 33 15 — 21 23 15 21 26 05 — 21 19 20
27 34 15 24 32 15 — 27 14 05 27 07 05 — 27 15 15
30 29 15

Upper Winds (15th) — Direction ... Velocity in Kilometres

MATRÛH 7 / MARIUT 7:
03 34 35 03 35 40
06 35 30 06 35 40
09 36 35 09 36 40
15 35 35 12 36 40
21 01 30 15 35 50
27 02 35
30 36 30
42 01 40

HELWAN 9 15 / MINYA 7 / ASYÛT 7:
02 31 20 03 36 40 02 33 15
05 34 05 06 02 40 05 01 35
08 35 30 09 03 35 10 02 55
10 36 40 12 02 30
15 36 55 15 36 35
20 36 55 18 01 40
23 36 65 21 01 45
25 36 45 24 36 55

7 7 7 7:
02 36 10 09 34 30 09 30 20 09 34 35
05 36 36 15 31 15 15 23 20 15 28 20
10 35 05 21 31 10 21 24 35 18 25 30
15 31 10 27 19 05 24 25 35 21 24 40
20 34 10 33 21 25 — 24 23 35
39 24 15 — 30 24 40
39 19 30

7:
09 22 20
15 24 35
18 25 35

7 7:
09 22 35 09 18 25
15 26 15 15 23 20
21 35 25 21 23 20
27 03 15 27 25 20
33 25 10

ALMAZA 23 ... 14th

Surface 1001	75	70
983	73	68
965	74	66
948	80	61
931	77	59
864.5	69	52
802	61	44
742.5	57	38
688.5	51	36
636.5	44	29
588.5	35	28
542.5	28	22

15th
34700 00890 18200 06282 20102 00180
34800 00990 24300 07311 20301 00220

Tanta rainfall on 22/5 should read 23 instead of 2 mm & total 107 instead of 86

14th		14th	
56	+2	22.7	+2.1
51	-2	21.8	+1.7
50	+9	20.9	+2.4

15th 18.0°

15th 27.1°

15-6 16 43 1620
14-6 1643 1620

15th:

13.16 -0.32
7.34 -0.52
10.46 -0.32 10.44 -0.32
371.01 370.99
370.96 -0.27 370.95 -0.26
14.02 +0.91 14.23 +1.17
6.68 6.71
10.60 -0.24 10.63 -0.16
10.44 +0.15 10.41 +0.14
131.21 -0.94 131.26 -0.86
114.12 114.44
86.30 +0.02 86.30 +0.04
16.47 +0.95 16.47 +0.95

DAILY WEATHER REPORT

Time of Sunrise 04 h. 53 m. Sunset 18 h. 57 m.

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on SATURDAY 16th (الساعة ١٤ يوم ١٥) / At 20h. on 15th (الساعة ٢٠ يوم السبت ١٥)

Station	14h ww Present Weather	V Visibility	DD Wind Dir.	F Wind Force	W Past Weather	N Cloud Amount	C Cloud Form	PPP Bar Press M.S.L. 1000+ mbs.	TTT Temp. °C	UU % Humidity	Rain 8-14 mms	20h ww Present Weather	V Visibility	DD Wind Dir.	F Wind Force	W Past Weather	N Cloud Amount	C Cloud Form	PPP Bar Press M.S.L. 1000+ mbs.	TTT Temp. °C	UU % Humidity	Rain 14-20 mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	00	9	28	3	0	0	—	14.0	25.0	82	0	00	8	28	4	0	0	—	15.4	23.2	88	0	131
Mariut	00	7	28	4	0	0	—	12	27	74	0	00	8	28	3	0	0	—	13	24	79	0	150
Alexandria	00	9	30	3	0	0	—	12.4	28.0	71	0	01	6	28	3	1	4	8	14.3	23.7	89	0	132
Damietta	00	7	28	4	0	0	—	9.6	28.3	75	0	00	7	28	3	0	0	—	11.1	25.2	70	0	158
Port Sa'îd	00	8	28	4	0	0	—	10.4	29.9	62	0	00	8	30	4	0	0	—	11.6	26.0	72	0	134
El 'Arîsh	00	9	28	2	0	0	—	10.0	29.3	75	0	00	9	28	2	0	0	—	10.8	26.1	85	0	135
Lower Egypt																							
Damanhûr	00	6	08	4	0	0	—	11.1	32.6	38	0	00	7	32	2	0	0	—	13.2	25.2	64	0	136
Mansûra	00	8	32	2	0	0	—	10.4	34.0	40	0	00	6	04	2	0	0	—	12.2	27.8	53	0	137
Tanta	00	8	32	3	0	0	—	11.2	35.4	29	0	00	8	28	2	0	0	—	13.4	26.6	51	0	138
Zagazig																							139
Shebîn el Kôm	00	8	30	3	0	0	—	11.1	37.4	30	0	00	7	30	2	0	0	—	13.0	26.2	45	0	—
Middle Egypt																							
Cairo Almâza	00	8	01	3	0	0	—	9.7	37.8	24	0	00	7	02	2	0	0	—	11.9	30.4	41	0	141
Cairo Ezbekîya	00	8	26	3	0	0	—	10.2	37.3	30	0	00	7	30	3	0	0	—	12.3	29.9	40	0	—
Cairo Gîza	00	8	04	2	0	0	—	10.4	37.1	26	0	00	7	30	2	0	0	—	11.6	31.3	40	0	—
Helwân	00	7	30	5	0	0	—	9.5	36.2	20	0	00	7	32	4	0	0	—	11.6	30.8	34	0	143
Suez	00	9	30	1	0	0	—	10.4	35.0	26	0	00	9	30	1	0	0	—	11.6	31.0	47	0	144
Upper Egypt																							
Faiyûm	00	8	32	2	0	0	—	9.6	36.8	21	0	00	8	32	2	0	0	—	11.2	31.7	38	0	153
Minya	00	9	32	3	0	0	—	—	37.3	17	0	00	9	32	3	0	0	—	10.3	30.2	34	0	154
Asyût	00	8	30	2	0	0	—	9.0	36.1	19	0	00	6	28	1	0	0	—	9.1	34.0	22	0	155
Nag' Hamâdi	00	8	24	1	0	0	—	6.6	38.8	19	0	00	8	00	0	0	0	—	7.2	31.4	29	0	164
Qena	00	9	22	2	0	0	—	5.9	40.6	18	0	00	6	32	2	0	0	—	6.3	35.3	15	0	156
Luxor																							157
Aswân	00	9	28	1	0	0	—	6.0	40.0	09	0	00	9	00	0	0	0	—	7.2	35.0			158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	14.6	40.7	31	0	00	—	02	2	0	0	—	13.8	36.0	33	0	148
Baharîya	00	9	32	1	0	0	—	10.8	38.0	27	0	00	—	00	0	0	0	—	10.6	28.0	51	0	149
Khârga																							151
Dakhla	00	9	32	3	0	0	—	10.7	36.2	23	0	00	7	28	2	0	0	—	12.2	27.8	24	0	152
Red Sea																							
Tôr	00	7	28	4	0	0	—	—	31.2	48	0	00	7	28	4	0	0	—	7.2	—	—	0	145
Hurghada																							146
Quseir	00	8	32	2	0	0	—	7.2	33.2	50	0	00	8	32	2	0	0	—	7.8	31.4	44	0	147
Port Sudân	00	7	04	3	0	0	—	5	35	50													[illegible]
North Sûdân																							
Wâdi Halfa	00	8	28	3	0	1	2	7	39	12													165
Kareima	00	8	28	2	1	1	1	7	40	06													166
'Atbara	01	8	08	1	1	4	4	6	40	14													167
Khartûm	01	8	20	4	1	3	4,1	8	36	31													[illegible]
Kassala	01	8	20	3	1	3	8,4	9	32	43													170
Central Sûdân																							
Wad Medani	01	8	18	4	1	3	1	9	33	41													171
Renk	02	8	18	3	2	6	8	—	32	43													182
Roseires	28	7	16	4	1	8	9,5	—	26	62													172
El Obeid	93	7	06	4	9	8	9,5	11	26	48													174
El Fasher	01	9	32	2	1	4	8,4	—	35	25													175
Geneina	01	9	18	2	1	5	9	—	33	32													179
Kadugli	01	8	20	2	1	3	9	10	31	49													187
S. Sûdân																							
Malakal	01	8	20	2	1	4	9,1	10	31	55													176
Wau	01	8	28	2	1	5	9,2	10	31	49													177
Juba	01	8	14	2	1	5	8,4	11	31	59													178

Upper Winds on 15th (10 [Arabic])

Upper Winds are in the Code HHDDVV where HH is Height above 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. 30 m.	13 h. 45 m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	11 h. 30 m.	h. m.	12 h. 45 m.	h. m.	13 h. m.	13 h. m.
03 31 45	03 32 50						09 23 20	09 30 10		09 24 10		09 27 20	09 35 05
06 35 40	06 35 40						15 25 15	15 27 10		15 21 30		15 27 05	15 31 30
09 33 40	09 35 30						21 34 05	21 31 10		21 22 30		21 20 20	21 31 30
12 32 35	12 36 35						27 35 20	27 18 15		27 25 30		27 21 05	27 19 05
	15 36 45						33 23 15	36 24 10					
	18 36 35						39 23 15						
	21 36 50						51 09 10						
	24 36 55						63 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 15th	Diff from normal	Wet bulb temp °C on 15th	Diff from normal
Alexandria	83	+11	23.2	+2.1
Ezbekiya	48	+6	22.3	+1.7
Giza	49	−4	22.1	+1.9
Helwân	47	+6	20.7	+2.2

Gîza — Grass minimum temp on 16th 18.7 °C

Cairo — Water temp River Nile at 8h. on 16th 27.0 °C

Discharges at Aswan measured by sluices m³ per sec. Date	1946	1945
16th	1643	1620
15th	1643	1620

Gauge	Date 1946	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	16th			13.84	+0.35
Nâsser		7.63	−0.32	7.48	−0.40
Malakâl		10.48	−0.32	10.46	−0.32
J. Aulia Res		371.04	—	371.01	—
J. Aulia D.S		370.97	−0.28	370.96	−0.27
Roseires		14.20	+1.02	14.02	+0.91
Sennar Res.		6.73	—	6.68	—
Khartûm		10.63	−0.26	10.60	−0.24
Kh. el Girba		11.94	+0.98	11.94	+1.05
Atbara		10.44	+0.13	10.44	+0.15
Kajnarti				131.21	−0.94
Aswân Res.		113.75	—	114.12	—
Aswân D.S		86.30	0.00	86.30	+0.02
Roda (Cairo)		16.47	+0.94	16.47	+0.95

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

At 8h. on SUNDAY 16th (الساعة ٨ يوم الأحد ١٦)

Station	ww Present Weather	V Visibility	DD Wind Dir.	F Wind Force	W Past Weather	N Cloud Amount	C Cloud Form	PPP Bar Pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	UU % Humidity	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
Mediterranean																		
Salûm												—		—				99
Matrûh	00	9	30	3	0	0	—	15.6	+2.8	23.2	26	−1	21	+2	81	0	101	161
Mariut	00	8	29	3	0	0	—	14		25	29	—	22	—	54	0	187	138
Alexandria	00	9	26	3	0	0	—	14.6	+2.0	25.0	29	+1	22	+1	61	0	170	186
Damietta	00	8	26	3	0	1	8	13.2	+1.9	25.1	30	—	23	—	79	0	81	106
Port Sa'îd	01	8	26	3	1	3	4	13.2	+2.0	25.7	31	+2	23	+2	69	0	71	81
El 'Arîsh	01	9	22	2	0	4	3	12.8	+1.4	26.4	30	+1	21	+3	80	0	—	94
Lower Egypt																		
Damanhûr	00	7	32	4	0	0	—	13.9	+2.1	26.2	33	+1	19	+1	56	0	92	101
Mansûra	00	8	02	1	0	0	—	14.0	+2.3	25.8	36	+2	20	+1	60	0	66	55
Tanta	00	8	30	1	0	0	—	14.8	+2.6	26.0	36	+2	19	+1	60	0	07	44
Zagazig																	24	27
Shebîn el Kôm												—		—			36	—
Middle Egypt																		
Cairo Almaza	00	7	28	1	0	0	—	14.5	+2.8	24.6	38	—	22	—	71	0	10	—
Cairo Ezbekîya	00	7	26	3	0	0	—	14.3	+2.6	25.9	38	+3	23	+3	66	0	22	26
Cairo Gîza	01	7	30	2	1	4	8	14.8	+3.1	25.0	38	+3	22	+4	70	0	41	27
Helwân	00	7	30	2	0	0	—	14.4	+2.9	24.0	38	+3	22	+2	69	0	20	29
Suez	00	9	30	1	0	3	2	14.6	+3.8	26.4	38	+3	22	+1	58	0	—	17
Upper Egypt																		
Faiyûm	00	8	32	4	0	0	—	14.6	+3.2	25.5	38	+2	22	+2	67	0	13	8
Minya	00	9	32	2	0	0	—	14.0	+3.4	27.5	39	+3	23	+3	53	0	dr.	—
Asyût																	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	11.1	+2.2	33.8	40	—	22	—	40	0	1	—
Qena	00	8	20	1	0	0	—	11.0	+2.4	30.1	43	+2	22	−1	41	0	13	—
Luxor												—		—			0	—
Aswân	00	9	32	3	0	0	—	10.0	−1.3	32.0	40	−2	26	0	19	0	dr.	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	17.2	+3.7	26.6	41	+3	20	+1	75	0	5	8
Baharîya	00	9	00	0	0	0	—	—	—	29.0	39	+3	20	+1	58	0	0	7
Khârga																	1	—
Dâkhla	00	8	22	2	0	0	—	12.9	+2.9	30.2	38	−2	26	+4	42	0	0	—
Red Sea																		
Tôr	00	7	28	4	0	0	—	10.2	+1.8	28.8	35	+2	26	+3	73	0	0	13
Hurghâda																	1	3
Quseir	00	8	32	3	0	0	—	9.4	+1.1	31.0	35	+2	26	0	49	0	11	4
Port Sûdân	00	8	04	1	0	0	—	8		35						0	18	97
North Sûdân																		
Wâdi Halfa	00	8	30	3	0	0	—	9		31					19	0	tr.	—
Kareima	01	8	20	1	1	4	1	10		30					19	0	7	2
'Atbara	00	7	20	4	1	3	1	11		31					38	0	8	8
Khartûm	01	8	20	1	1	5	2	12		27					62	0	8	11
Kassala	02	9	20	3	1	5	3	12		27					62	0	33	35
Central Sûdân																		
Wad Medani	05	9	20	3	1	8	5	13		27					58	0	39	40
Renk	01	9	18	3	2	5	4	—		25		—		—	79	—	—	128
Roseires	02	8	16	4	1	6	8	15		24					84	0	230	170
El Obeid	02	9	22	3	1	7	4,5	13		23					84	1	74	52
El Fâsher	02	9	12	2	1	6	4,5	—	—	25					70	0	11	23
Geneina	00	8	20	2	1	3	4	—	—	24		—		—	65	—	—	50
Kadugli	02	8	20	3	1	7	9	14		23		—		—	84	—	—	242
S. Sûdân																		
Malakâl	01	8	18	2	1	4	4	15		24					54	0	272	259
Wâu	03	8	24	5	2	8	4	16		22					94	1	203	451
Juba	01	8	12	1	1	5	4,2	16		24					84	8	649	539

Upper Winds on 16th ([Arabic] 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
7 h. m.	6 h. 30 m.	h. m.	4 h. 45 m.	h. m.	h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	7 h. m.
03 32 45	03 32 25		02 35 10			03 26 10	02 01 25		09 31 20	03 33 25	09 21 40
06 32 40	06 33 40		05 35 20			06 36 30	05 05 25		15 30 10	06 01 20	15 23 15
09 32 45	09 32 35		08 36 40			09 04 15	10 04 40		21 25 20	09 34 20	21 35 20
15 32 35	12 32 —		10 02 20			12 07 20	15 05 20		27 20 25	15 33 15	24 36 20
	15 34 50		15 35 30			15 07 40	20 03 15		33 15 05	21 26 15	30 06 10
	18 33 55		20 31 45			21 06 10	25 31 05			27 23 25	39 13 15
	21 33 60		23 30 40			24 36 15	30 35 10			33 20 10	
	24 33 60		25 32 40			30 01 30	35 36 05			39 15 10	
			28 32 45			36 01 15	40 30 05				

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6 h. 45 m.	h. m.	7 h. m.	h. m.	h. m.	7 h. m.
09 21 35		09 25 20			09 24 30
15 21 25		15 15 10			15 23 10
21 20 30		21 08 30			21 22 15
27 26 30		27 07 40			27 22 02
33 02 30					33 22 15
39 07 20					

Upper Air Temp — Almâza at 03 h. G.M.T. on 16th

Height feet	PPP mb.	TT °F	tt °F
Surface	1005	71	69
500	986	69	66
1000	968	66	64
1500	951	67	58
2000	934	70	52
4000	867	71	52
6000	804	65	47
8000	746	55	39
10000	690	45	30
12000	639	42	26
14000	590	35	26
16000	544	27	22

Cyprus synoptic 8h. on 16th

34700 00990 08300 09261 60001
34800 00890 10200 09271 80103

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	56-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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

Time of Sunrise 04 h 53 m
Sunset 18 h 58 m

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on SUNDAY 16th (الساعة ١٤ يوم ١٦) — At 20h. on 16th (الساعة ٢٠ يوم الأحد 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	30	3	0	0	—	15.6	24.6	80	0	00	8	28	3	0	0	—	15.1	24.0	75	0	131
Mariut	01	8	27	4	1	4	6,8	14	27	58	0	00	8	28	3	0	0	—	13	23	69	0	150
Alexandria	01	9	26	4	1	4	8	14.0	26.8	61	0	00	6	28	4	0	0	—	14.3	23.2	70	0	132
Damietta	00	8	26	4	0	0	—	12.6	25.9	76	0	01	8	28	3	1	3	8	12.0	23.2	88	0	159
Port Sa'îd	14	7	30	5	3	0	—	12.2	28.9	58	0	01	8	26	4	1	3	5	—	23.5	77	0	134
El 'Arîsh	00	9	30	2	0	0	—	11.	27.7	67	0	01	9	24	2	0	3	3	13.2	23.1	88	0	135
Lower Egypt																							
Damanhûr	00	7	28	4	0	0	—	13.1	31.6	40	0	00	7	32	2	0	0	—	13.1	24.8	62	0	136
Mansûra	00	8	02	2	0	0	—	12.2	32.8	30	0	00	6	32	2	0	0	—	12.7	24.8	62	0	137
Tanta	00	8	28	3	0	0	—	13.1	31.6	36	0	00	8	00	0	0	0	—	13.6	22.9	66	0	138
Zagazig																							139
Shebîn el Kôm	00	8	30	3	0	0	—	9.1	34.4	29	0	00	7	30	2	0	0	—	—	24.9	56	0	—
Middle Egypt																							
Cairo Almâza	00	8	30	1	0	0	—	10.3	33.0	26	0	00	7	30	3	0	0	—	12.2	27.1	49	0	141
Cairo Ezbekîya	00	8	26	2	0	0	—	11.9	33.0	33	0	00	7	28	2	0	0	—	12.7	26.5	50	0	—
Cairo Gîza	00	8	02	1	0	0	—	12.2	33.7	34	0	00	7	30	2	0	0	—	12.7	29.0	40	2	—
Helwân	00	7	28	3	0	0	—	12.0	32.2	27	0	00	7	30	5	0	0	—	12.4	27.1	42	0	143
Suez	00	9	02	1	0	0	—	11.8	32.6	23	0	00	9	02	2	0	0	—	12.7	27.8	51	0	144
Upper Egypt																							
Faiyûm	00	8	30	3	0	0	—	11.9	33.0	28	0	00	8	32	2	0	0	—	12.0	27.6	44	0	153
Minya																							154
Asyût	00	8	28	1	0	0	—	10.6	37.4	21	0												155
Nag' Hamâdi	00	8	00	0	0	0	—	7.5	40.4	13	0	00	8	00	0	0	0	—	8.2	31.8	33	0	164
Qena	00	9	32	1	0	0	—	7.4	42.6	16	0	00	6	32	2	0	0	—	6.7	36.3	13	0	156
Luxor																							157
Aswân	00	9	32	3	0	0	—	6.8	40.0	11	0	00	9	00	0	0	0	—	6.6	38.8	09	0	158
Western Desert																							
Sîwa	00	8	30	2	0	0	—	16.2	35.0	32	0												148
Baharîya	00	9	32	1	0	0	—	12.4	37.5	29	0	00	—	00	0	0	0	—	12.3	26.0	62	0	149
Khârga																							151
Dakhla	00	9	28	3	0	0	—	11.8	38.8	24	0	00	7	28	1	0	0	—	11.8	28.9	28	0	152
Red Sea																							
Tôr	00	7	28	5	0	0	—	10.7	30.2	47	0	00	7	28	4	0	0	—	9.4	—	—	0	145
Hurghâda												00	8	28	4	0	0	—	8.6	32.8	30	0	146
Quseir	00	8	32	2	0	0	—	9.6	33.2	54	0	00	8	02	2	0	0	—	8.8	28.8	57	0	147
Port Sûdân	00	8	14	3	0	0	—	6	35	53													788
North Sûdân																							
Wadi Halfa	00	9	30	1	0	1	1	7	42	09													165
Kareima	00	8	22	2	0	0	—	7	40	10													166
'Atbara	01	8	20	2	0	4	1	6	41	10													167
Khartûm	01	8	22	3	1	4	8,4,1	8	38	25													209
Kassala	01	8	22	2	1	4	8,2	8	36	31													170
Central Sûdân																							
Wad Medani	01	8	20	3	1	4	8	8	36	35													171
Renk	01	9	00	0	1	4	8	—	32	41													182
Roseires	02	8	25	1	5	6	8	12	31	55													172
El Obeid	10	9	20	3	1	8	6,4,1	11	32	41													174
El Fasher																							175
Geneina																							179
Kadugli	02	8	20	3	1	6	9	—	29	78													187
S. Sûdân																							
Malakal	01	8	30	2	6	5	9,4	10	31	49													176
Wau	02	8	20	3	6	7	8,4	13	27	66													177
Juba	02	8	00	0	1	5	8,1	11	31	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 16th

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
13h m	13h m	12h 45m	h m	13h m	12h 30m	h m	13h 15m	13h m	12h 45m	12h 45m	12h 45m	13h 30m	13h m
033420	033020	033025		033515	030110		093105	092910	092315	092715	092230	092635	093105
063520	063220	062830		063520	060120		153515	152730	151205	152505	152335	152620	152105
093330		092830		093330	090110		213110	212850	181910	211910	212420	212510	212005
153135				153235	153615		272415	273035	210610	272805		242310	272110
213340							391915	303050	240915				332015
303255							450805	393155	271315				391815
423040									301420				
									391330				

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	63	-9	20.4	-0.8
Ezbekiya	56	+2	20.9	+0.2
Giza	52	-1	21.2	+1.0
Helwân	53	+12	19.6	+1.0

GIZA — Grass minimum temp on 17th 15.4°

CAIRO — Water temp River Nile at 8h on 17th 26.8°

Discharges at Aswan measured by sluices m³ per sec.	1946	1945
17th	1701	1620
10th	1643	1620

Gauge	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff from normal
	1946	m.	m.	m.	m.
Jûba	17th				
Nâsser				7.63	-0.32
Malakâl		10.49	-0.33	10.48	-0.32
J. Aulia Res				371.04	—
J. Aulia D.S				370.97	-0.28
Roseires		13.90	+0.66	14.20	+1.02
Sennar Res				6.73	—
Khartûm		10.69	-0.25	10.63	-0.26
Kh. el Girba		11.97	+0.95	11.94	+0.98
Atbara		10.42	+0.09	10.44	+0.13
Kajnarti					
Aswân Res.		113.35	—	113.75	—
Aswân D.S		86.39	+0.07	86.30	0.00
Roda (Cairo)		16.47	+0.94	16.47	+0.94

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

At 8h. on MONDAY 17th (الساعة ٨ يوم الاثنين 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	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	28	3	0	0	—	14.3	+1.6	23.0	25	-2	18	-1	83	0	101	161
Mariut	00	8	28	3	0	0	—	13		26	28	—	23	—	62	0	187	138
Alexandria	00	9	28	4	0	0	—	13.1	+0.6	25.2	28	0	22	+1	60	0	170	186
Damietta	01	8	28	1	1	4	8	11.8	+0.6	25.3	27	—	20	—	82	0	81	106
Port Sa'îd	00	8	26	2	0	2	8	12.0	+0.8	25.0	30	+1	22	+1	72	0	71	81
El 'Arîsh	01	9	20	1	0	4	3	12.0	+0.7	26.8	29	0	20	+2	59	0	—	94
Lower Egypt																		
Damanhûr	00	7	32	4	0	0	—	12.6	+0.9	26.0	32	0	19	+1	62	0	92	101
Mansûra	01	8	02	1	1	3	0	12.7	+1.1	25.2	33	-1	18	-1	67	0	66	55
Tanta	00	8	28	2	0	0	—	13.0	+1.0	25.6	32	-2	17	-1	64	0	107	44
Zagazig	00	6	32	2	0	0	—	12.6	+0.9	27.0	33	-1	19	+1	63	0	24	27
Shebîn el Kôm	00	8	30	2	0	0	—	12.8	+1.0	26.2	35	—	18	—	62	0	36	—
Middle Egypt																		
Cairo Almaza	00	7	32	1	0	1	8	12.5	+0.9	24.5	35	—	20	—	66	0	10	—
Cairo Ezbekîya	05	6	32	3	0	2	8	14.2	+2.6	25.7	34	-1	20	0	63	0	22	26
Cairo Gîza	00	7	28	1	0	0	—	13.0	+1.3	24.9	34	-1	18	0	62	0	41	27
Helwân	00	7	30	1	0	0	—	12.8	+1.3	23.0	34	-1	18	-2	67	0	20	29
Suez	01	9	30	1	1	3	2	13.4	+2.7	24.6	37	+2	21	0	58	0	—	17
Upper Egypt																		
Faiyûm	00	8	30	3	0	0	—	13.0	+1.7	24.8	34	-2	19	-1	64	0	13	8
Minya	00	9	02	3	0	0	—	12.7	+2.2	24.5	37	+1	20	0	60	0	dr.	—
Asyût	00	7	26	2	0	0	—	11.9	+1.5	24.5	38	+1	21	-1	53	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	9.3	+0.4	27.0	41	—	22	—	49	0	1	—
Qena	00	8	28	2	0	0	—	9.1	+0.6	31.0	44	+3	23	0	34	0	13	—
Luxor												—		—			0	—
Aswân	00	9	32	4	0	0	—	8.7	+0.1	32.0	42	0	27	+1	16	0	dr.	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	16.2	+2.8	24.0	37	-1	16	-3	67	0	5	8
Baharîya	00	9	00	0	0	0	—	13.8	+1.6	26.0	39	+3	18	-1	55	0	0	7
Khârga																	1	—
Dâkhla	00	8	28	2	0	0	—	13.1	+2.2	27.2	40	0	23	+1	45	0	0	—
Red Sea																		
Tôr	00	7	28	4	0	0	—	9.2	+0.9	28.5	33	0	23	0	66	0	0	13
Hurghâda	00	8	30	4	0	0	—	8.9	+0.4	27.8	35	+1	25	+2	41	0	1	3
Quseir	00	8	32	3	0	0	—	8.3	+0.1	29.0	36	+3	27	+1	55	0	11	4
Port Sûdân	01	9	28	3	1	4	2	7		34					41	0	18	97
North Sûdân																		
Wâdi Halfa	00	8	02	3	1	3	1	9		31					18	0	tr.	—
Kareima	00	8	00	0	0	3	1	8		31					19	0	7	2
'Atbara	01	8	20	4	1	4	1	7		32					36	0	8	8
Khartûm	01	8	16	5	1	4	4									0	8	12
Kassala	02	8	18	3	1	6	4,1	11		26					58	0	33	35
Central Sûdân																		
Wad Medani	02	9	20	4	1	8	5	11		28					52	0	39	41
Renk	01	8	18	5	0	4	4	11		25		—		—	61	—		131
Roseires	02	5	20	3	1	8	6,4	—		26					40	32	262	174
El Obeid	02	9	26	3	1	8	4,5	11		27					66	0	74	53
El Fâsher								—	—							0	11	23
Geneina	01	8	00	0	1	3	4	—	—	24		—		—	61	—	—	52
Kadugli	02	8	20	2	1	7	8	13		23		—		—	84	—	—	246
S. Sûdân																		
Malakâl	02	8	16	1	1	6	4,5	14		24					84	5	277	263
Wâu	01	8	16	1	1	5	4	13		23					94	tr.	203	457
Juba	01	8	16	2	1	4	8,4	16		23					65	0	649	544

Upper Winds are in the Code HHDDVV where HH is Height 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

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7h 30m	6h 45m	h m	9h m	h m	7h m	h m	7h m	5h m	7h m	7 m	7
033315	033240		023215		023315		020230	090325	090135	093510	092230
060125	063540		053520		050235		050230	150330	150220	153305	152130
090120	093535		083630		103340		100235	210520	213520	212505	213120
153440	153455		100130				150125		272810		243315
213650	213430		153535				203310				303615
303340	243455		203440								390815
	303550		223540								
	333440										

Kassala	Port Sûdân	El Obeid	El Fasher	Geneina	Malakal
h m	h m	h m	h m	7h m	7h 30m
				093020	092120
				150220	152405
				210610	212305
				270905	272205
				3312-	331705

Cyprus synoptic 8h on 17th
34700 00890 08200 09272 00302 00180
34810 00961 08301 10281 20301 00670

Upper air temp Almâza at 23h GMT on 16th

Height feet	PPP mb	TT	Td
Surface	1004	69	65
500	986	63	63
1000	968	62	62
1500	951	60	60
2000	934	53	52
4000	867	48	44
6000	804	47	43
8000	746	42	38
10000	690	37	33
12000	639	30	26
14000	590	28	24
16000	544	23	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

Time of Sunrise h. m. / Sunset 18 58

DAILY WEATHER REPORT

Month JUNE 1946 — شهر يونيه 1946

At 14h. on MONDAY 17th — الساعة ١٤ يوم الاثنين 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	°C TEMP. ttt	% HUMIDITY uu	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN SALÛM												130
MATRÛH	00	9	02	1	0	0	—	13.4	26.6	61	0	131
MARIUT	00	8	28	3	0	0	—	12	27	55	0	150
ALEXANDRIA	00	9	28	3	0	0	—	12.8	28.0	59	0	132
DAMIETTA	00	8	28	4	1	0	—	11.4	27.0	76	0	159
PORT SA'ÎD	00	8	28	4	0	0	—	11.5	29.0	64	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	11.2	26.9	72	0	135
LOWER EGYPT DAMANHÛR	00	7	28	4	0	0	—	12.2	30.6	51	0	136
MANSÛRA	00	8	02	2	1	0	—	11.6	32.2	35	0	137
TANTA	00	8	32	3	0	0	—	11.5	32.2	40	0	138
ZAGAZIG	00	6	24	2	0	0	—	11.1	33.0	39	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	—	33.8	35	0	—
MIDDLE EGYPT CAIRO ALMÂZA	00	8	32	2	0	0	—	10.9	33.3	25	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	—	11.2	33.5	35	0	—
CAIRO GÎZA	00	8	28	2	0	0	—	11.5	33.5	31	0	—
HELWÂN	00	7	28	4	0	0	—	11.0	32.8	25	0	143
SUEZ	00	9	30	1	0	0	—	11.4	32.6	26	0	144
UPPER EGYPT FAIYÛM	00	8	32	3	0	0	—	10.7	33.5	23	0	153
MINYA	00	9	32	3	0	0	—	10.8	34.8	26	0	154
ASYÛT	00	8	30	1	0	0	—	10.3	35.1	19	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	8.3	35.6	25	0	164
QENA	00	9	22	2	0	0	—	6.6	38.2	22	0	156
LUXOR												157
ASWÂN	00	9	30	1	0	0	—	6.6	41.0	11	0	158
WESTERN DESERT SÎWA	00	8	00	0	0	0	—	15.0	35.0	42	0	148
BAHARÎYA	00	9	00	0	0	0	—	11.2	36.0	25	0	149
KHÂRGA												
DAKHLA	00	9	28	3	0	0	—	12.0	34.8	24	0	152
RED SEA TÛR	00	7	28	5	0	0	—	9.0	32.2	44	0	145
HURGHÂDA	00	8	02	3	0	0	—	9.2	30.8	36	0	146
QUSEIR	00	8	02	2	0	0	—	7.6	31.4	56	0	147
PORT SUDÂN	02	9	08	3	2	5	1	5	35	53		148
NORTH SUDAN WÂDI HALFA	00	8	32	3	1	2	1	6	41	07		165
KAREIMA	01	8	28	2	1	3	1,2	5	42	11		166
'ATBARA	02	8	18	2	1	6	2,3	4	42	11		167
KHARTÛM	02	7	20	5	1	6	2,1	7	37	27		209
KASSALA	01	8	20	2	1	5	2,1	7	36	31		170
CENTRAL SUDAN WAD MEDANI	03	8	20	4	1	8	8	8	36	31		171
RENK	02	8	18	3	2	6	6	8	29	59		182
ROSEIRES	02	8	16	4	5	8	7,1	10	26	70		172
EL OBEID	02	9	22	3	1	7	8,4	8	33	36		174
EL FASHER	11	9	28	4	1	6	8,1	—	34	39		175
GENEINA												179
KADUGLI	01	8	12	3	1	4	4	10	31	49		187
S. SUDAN MALAKAL	93	7	32	1	5	5	7	12	26	70		176
WÂU	61	9	16	2	6	8	8,4	11	27	29		177
JUBA												178

At 20h. on 17th — الساعة ٢٠ يوم الاثنين 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	°C TEMP. ttt	% HUMIDITY uu	RAIN 14-20 h. mms
MEDITERRANEAN SALÛM											
MATRÛH	00	8	12	1	0	0	—	12.7	23.4	72	0
MARIUT	00	7	30	2	0	0	—	13	24	69	0
ALEXANDRIA	00	6	00	0	0	0	—	13.8	23.3	76	0
DAMIETTA	00	7	28	2	0	0	—	11.8	24.0	91	0
PORT SA'ÎD	00	8	30	3	0	0	—	11.9	24.2	84	0
EL 'ARÎSH	00	9	28	2	0	0	—	11.9	24.4	74	0
LOWER EGYPT DAMANHÛR	00	7	32	2	0	0	—	12.8	24.6	68	0
MANSÛRA	00	6	30	2	0	0	—	12.2	25.2	64	0
TANTA	00	8	28	1	0	0	—	13.2	25.0	55	0
ZAGAZIG	00	6	24	2	0	0	—	13.0	25.5	69	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	11.9	25.8	59	0
MIDDLE EGYPT CAIRO ALMÂZA	00	7	02	3	0	0	—	11.6	29.6	34	0
CAIRO EZBEKÎYA	00	8	30	3	0	0	—	11.9	29.0	35	0
CAIRO GÎZA	00	7	28	2	0	0	—	11.6	30.3	34	0
HELWÂN	00	7	32	4	0	0	—	11.6	30.5	27	0
SUEZ	00	9	30	1	0	0	—	12.2	28.8	51	0
UPPER EGYPT FAIYÛM	00	8	32	2	0	0	—	11.1	30.1	29	0
MINYA											
ASYÛT	00	6	28	1	0	0	—	9.8	31.5	26	0
NAG' HAMÂDI	00	8	00	0	0	0	—	7.9	29.7	34	0
QENA	00	6	22	2	0	0	—	7.0	31.2	26	0
LUXOR											
ASWÂN	00	9	00	0	0	0	—	6.7	28.4	12	0
WESTERN DESERT SÎWA	00		00	0	0	0	—	12.8	32.2	49	0
BAHARÎYA	00		00	0	0	0	—	12.8	34.0	31	0
KHÂRGA		9	32	2	0	0	—	10.0	31.5	23	0
DAKHLA	00	7	32	1	0	0	—	11.5	27.8	28	0
RED SEA TÛR	00	7	28	4	0	0	—	6.8	30.1	65	0
HURGHÂDA	00	8	28	4	0	0	—	7.2	29.4	44	0
QUSEIR	00	8	28	1	0	0	—	7.2	28.0	39	0
PORT SUDÂN											
NORTH SUDAN WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SUDAN WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SUDAN MALAKAL											
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 ١٧

MATRÛH	MARIUT	PORT SAÎD	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. 45 m.	11 h. 30 m.	13 h. m.	13 h. m.	h. m.	h. m.	h. m.
03 01 25							09 01 45	09 14 05	09 22 15	09 25 15			
06 01 30							15 35 30	15 23 05	15 24 05	15 21 10			
09 36 30							21 30 20	21 25 40		21 21 10			
15 35 30							27 25 20	27 24 10					
21 35 45													
27 36 40													

At 8h. on TUESDAY 18th — الساعة ٨ يوم الثلاثاء 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	BAR PRESSURE 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 SALÛM																			99
MATRÛH	00	9	20	3	0	0	—	10.2	-2.4		28	+1	17	-2		0	10.1	161	
MARIUT	00	8	15	2	0	0	—	11		26	28	—	18	—	62	0	14.7	128	
ALEXANDRIA	00	9	00	0	0	0	—	11.2	-1.2	25.4	29	+1	21	0	58	0	17.0	186	
DAMIETTA	00	7	18	1	0	0	—	11.4	+0.3	26.0	28	—	20	—	76	0	8.1	106	
PORT SA'ÎD	00	7	18	3	0	0	—	11.4	+0.3	25.9	30	+1	21	0	76	0	7.1	81	
EL 'ARÎSH	00	9	00	0	0	0	—	11.8	+0.6	27.3	28	-1	20	+2	69	0		94	
LOWER EGYPT DAMANHÛR	00	7	12	3	0	0	—	11.5	-0.1	25.8	31	-1	19	+1	69	0	9.2	101	
MANSÛRA	00	8	12	1	0	0	—	11.2	-0.3	27.5	34	0	19	0	57	0	6.6	55	
TANTA	00	8	00	0	0	0	—	11.6	-0.2	27.0	34	0	17	-1	60	0	10.7	44	
ZAGAZIG	00	6	16	2	0	0	—	10.8	-0.8	28.0	34	0	19	+1	57	0	2.4	27	
SHEBÎN EL KÔM	00	8	30		0	0	—	11.4	-0.3	24.6	35	—	20	—	73	0	3.6	—	
MIDDLE EGYPT CAIRO ALMAZA	00	7	00	0	0	0	—	11.7	0.0	26.2	35	—	21	—	62	0	1.0	—	
CAIRO EZBEKÎYA	05	6	00	0	0	0	—	11.6	0.0	28.0	35	0	21	+1	51	0	2.2	26	
CAIRO GÎZA	00	7	28	1	0	0	—	12.0	+0.4	26.0	34	-1	19	+1	68	0	4.1	27	
HELWÂN	00	7	00	0	0	0	—	11.5	+0.1	25.7	34	-1	20	0	48	0	2.0	29	
SUEZ	00	9	30	1	0	0	—	11.8	+0.7	25.8	35	0	21	0	66	0		17	
UPPER EGYPT FAIYÛM	00	8	02	2	0	0	—	11.5	+0.3	27.0	35	-1	20	0	84	0	1.3	8	
MINYA	00	9	32	2	0	0	—	11.5	+1.1	26.1	35	-1	21	+1	56	0	dr.	—	
ASYÛT	00	7	22	1	0	0	—	11.1	+0.8	28.0	37	0	21	-1	44	0	0	4	
NAG' HAMÂDI	00	8	00	0	0	0	—	9.6	+0.8	28.7	37	—	18	—	40	0	1	—	
QENA	00	8	24	1	0	0	—	9.5	+1.1	28.0	40	-1	19	-4	39	0	1.3	—	
LUXOR	00	7	28	2	0	0	—	8.8	+0.2	32.0	42	+1	20	-2	24	0	0	—	
ASWÂN	00	9	32	3	0	0	—	8.2	-0.3	29.4	42	0	25	-1	24	0	dr.		
WESTERN DESERT SÎWA	00	7	00	0	0	0	—	12.6	-0.6	29.0	38	0	19	0	54	0	5	8	
BAHARÎYA	00	9	32	1	0	0	—	13.0	+0.9	27.0	38	+2	20	+1	56	0	0	7	
KHÂRGA	00	9	32	2	0	0	—	10.3	+1.0	29.5	36	-3	24	+1	35	0	1	—	
DAKHLA	00	8	24	1	0	0	—	11.6	+0.7	28.8	36	-4	25	+2	45	0	0	—	
RED SEA TÛR	00	7	28	2	0	0	—	8.7	+0.5		34	+1	24	+1	58	0	0	13	
HURGHÂDA	00	8	30	4	0	0	—	8.7	+0.3	28.8	33	-1	23	0	40	0	1	3	
QUSEIR	00	8	30	2	0	0	—	8.2	+0.1		32	-1	26	0	53	0	1	4	
PORT SUDÂN	00	8	00	0	1	3	1,2			35					37	7	25	92	
NORTH SUDAN WÂDI HALFA	01	8	04	2	1	5	2	9		29					17	0	tr.	—	
KAREIMA	01	8	30	1	1	4	1,2	8		32					17	0	7	2	
'ATBARA	18	4	20	5	1	8	2	8		32					41	0	8	8	
KHARTÛM	00	8	18	4	1	2	2	10		29					49	0	8	12	
KASSALA	00	8	18	1	1	2	4	10		28					52	0	33	36	
CENTRAL SUDAN WAD MEDANI																0	39	42	
RENK	01	8	18	3	2	5	4	10		27					66			133	
ROSEIRES	02	8	18	1	2	6	4	—		26					79	6	268	179	
EL OBEID	02	9	16	4	1	7	4,5	10		27					62		74	54	
EL FÂSHER	02	9	12	1	1	5	4,5	—	—	25					79	24	35	24	
GENEINA																—	—	54	
KADUGLI	01	8	20	3	1	4	4	12		27					70	—	—	250	
S. SUDAN MALAKAL	01	8	16	2	1	3	4	13		26					74	0	277	268	
WÂU	01	8	16	1	1	4	4	15		23					84	0	293	463	
JUBA	02	8	16	2	1	6	4,5	14		22					94	0	649	549	

Upper Winds are in the Code HHDDVV where HH is Height 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	ABYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. 30 m.	7 h. 45 m.	6 h. 45 m.	8 h. 45 m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.
03 32 40		03 25 15	02 27 05	03 03 20	02 02 20	03 27 10	02 36 15	09 04 30	09 04 35	09 04 40	09 22 30
06 32 30	06 31 05		05 06 15	06 02 25	05 02 35	06 03 15	05 02 15	15 02 05	15 05 35	15 05 30	15 25 30
09 30 25		09 30 20	08 36 25	09 02 35	10 01 45	09 01 05	10 05 10	21 22 20	18 03 20	21 07 15	21 34 30
15 33 25		15 33 20	10 36 20	15 02 40		12 01 05	15 36 10	27 21 15	27 28 10	27 23 05	24 36 30
21 29 35		21 33 50	15 36 40	21 02 45			20 30 10	33 22 40	33 26 15	33 23 10	30 36 30
24 30 35			20 36 40	30 01 65			25 04 10	39 24 10	36 22 35	39 21 15	39 07 20
			21 36 40	33 36 80			30 03 15	51 01 15			
				36 01 70			35 03 10	63 02 10			
							40 07 15				

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

KASSALA	PORT SUDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. 15 m.	7 h. m.	h. m.	h. m.	6 h. 45 m.
09 18 45	09 25 30	09 22 40			09 19 25
15 21 40	15 29 10	15 19 20			15 19 20
21 34 35	21 28 15	21 11 20			21 21 05
27 30 20		27 09 35			27 20 10
33 34 20		33 07 40			33 34 05
		45 09 25			39 19 05
		51 11 35			51 09 15
		60 15 25			63 07 40

UPPER AIR TEMP ALMÂZA AT 23h GMT ON 17th

HEIGHT feet	PPP m.b.	TT °F	TT °C
Surface	1004	74	68
500	986	71	66
1000	968	69	63
1500	951	71	56
2000	934	72	54
4000	867	725	51
6000	804	67	49
8000	746	58	435
10000	690	51	36
12000	639	43	31
14000	590	32	28
16000			

CYPRUS SYNOPTIC 8h ON 18th

34700 00890 04100 10241 80300 00210
34800 00990 26200 10271 80801 00190

Remarks

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

Mean of day

STATION	HUMIDITY on 17th	HUMIDITY Diff from normal	WET BULB TEMP on 17th	WET BULB TEMP Diff from normal
Alexandria	66	- 6	20.9	- 0.4
Ezbekiya	47	- 7	20.9	+ 0.2
Giza	45	- 9	20.5	+ 0.2
Helwân	44	+ 3	19.2	+ 0.6

GIZA — GRASS MINIMUM TEMP ON 18th 16.6° c

CAIRO — WATER TEMP AT 9h, RIVER MILE ON 18th 26.6° c

GAUGE	Date 1946	Reading m	Diff from normal m.	Previous day Reading m	Previous day Diff. from normal m
Jûba					
Nâsser				7.81	- 0.18
Malakâl		10.52	- 0.32	10.49	- 0.33
J. Aulia Res				371.04	
J. Aulia D.S				370.97	- 0.30
Roseires	17	13.66	+ 0.59	13.90	+ 0.66
Sennar Res					
Khartûm	18			10.69	- 0.25
Kh. el Girba				11.92	+ 0.95
Atbara				10.42	+ 0.09
Kajnarti		131.21	- 1.05	131.20	- 1.02
Aswân Res.		113.60		113.35	
Aswân D.S		86.39	+ 0.06	86.39	+ 0.07
Roda (Cairo)		16.47	+ 0.94	16.47	+ 0.94

	DATE	1946	1945
Discharges at Aswan measured by sluices m³ per sec	18 - 6	1701	1620
	17 - 6	1701	1620

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

Time of Sunrise h. m. 04 54
Sunset 18 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on TUESDAY 18th (الساعة ١٤ يوم الثلاثاء ١٨) — At 20h. on 18th (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																							
Salum																							130
Matruh	00	9	28	3	0	0	—	12.4	25.4	85	0	00	8	28	4	0	0	—	14.3	23.2	81		131
Mariut	00	7	28	1	0	0	—	12.	32	34		00	7	27	4	c	1	4	12	25	74	0	150
Alexandria	00	9	04	1	0	0	—	12.2	31.0	48	0	00	6	30	3	0	0	—	12.6	25.0	80	0	132
Damietta	00	7	02	2	0	0	—	11.5	30.5	70	0	00	6	12	1	0	0	—	10.6	26.6	81	0	159
Port Said	00	7	02	3	0	0	—	11.8	29.9	60	0	00	7	08	2	0	0	—	11.1	26.2	72	0	134
El Arish	00	9	32	2	0	0	—	11.2	28.9	83	0	00	9	04	1	0	0	—	11.0	24.1	85	0	135
Lower Egypt																							
Damanhur	00	6	04	3	0	0	—	11.8	36.4	25	0	00	7	04	2	0	0	—	12.6	27.6	42	0	136
Mansura	00	8	02	1	0	0	—	11.1	36.5	25	0	00	6	04	1	0	0	—	11.0	29.6	54	0	137
Tanta	00	8	24	1	0	0	—	11.8	37.0	22	0	00	8	32	1	0	0	—	11.5	28.6	43	0	138
Zagazig	00	6	02	2	0	0	—	11.2	36.2	46	0	00	6	32	2	0	0	—	13.0	30.0	53	0	139
Shebin el Kom	00	8	02	3	0	0	—	11.4	33.6	34	0	00	7	30	2	0	0	—	12.2	29.8	59	0	—
Middle Egypt																							
Cairo Almaza	00	8	30	1	0	0	—	10.4	38.1	12		00	7	02	1	0	0	—	11.1	34.4	21	0	141
Cairo Ezbekiya	00	8	30	2	0	0	—	11.0	36.9	19	0	00	7	02	1	0	0	—	11.2	32.1	33	0	—
Cairo Giza	00	8	02	1	0	0	—	11.1	38.3	18	0	00	7	04	1	0	0	—	11.6	33.4	38	0	—
Helwan	05	6	26	2	0	0	—	10.2	37.3	14	0	05	6	32	2	0	0	—	11.0	33.5	21	0	143
Suez	00	9	14	1	0	0	—	11.6	36.6	22	0	00	9	02	1	0	0	—	11.9	30.4	42	0	144
Upper Egypt																							
Faiyum	00	8	30	2	0	0	—	10.2	36.5	19	0	00	8	32	1	0	0	—	10.5	32.0	27	0	153
Minya	00	9	32	3	0	0	—	9.5	40.0	18	0	01	8	32	1	1	3	1	10.4	34.3	21	0	154
Asyut	00	8	24	1	0	0	—	9.1	38.8	14	0	00	6	28	2	0	0	—	9.2	34.8	23	0	155
Nag Hamadi	00	8	00	0	0	0	—	7.6	39.1	25	0	00	8	00	0	0	0	—	6.8	35.7	19	0	164
Qena	00	9	24	1	0	0	—	7.0	41.6	16	0	00	6	24	2	0	0	—	6.7	36.0	17	0	156
Luxor	00	7	30	2	0	0	—	8.0	41.8	16	0	00	6	28	2	0	0	—	6.7	33.0	25	0	157
Aswan	02	9	32	1	1	5	1	6.2	40.0	12	0	00	9	00	0	0	0	—	6.4	38.0	10	0	158
Western Desert																							
Siwa	00	8	26	3	0	0	—	13.0	41.3	34	0	00		02	4	0	0	—	12.8	34.6	43	0	148
Bahariya												00	—	00	0	0	0	—	12.3	—	—	0	149
Kharga	00	9	32	2	0	0	—	9.0	40.0		0	00	9	32	2	0	0	—	9.4	35.2	18	0	151
Dakhla	00	9	04	3	0	0	—	9.5	39.2	24	0	00	7	08	2	0	0	—	9.1	34.2	26	0	152
Red Sea																							
Tor	00	7	28	4	0	0	—	8.0	31.9	58	0	00	7	28	5	0	0	—	7.4	31.3	58	0	145
Hurghada	00	8	02	3	0	0	—	9.1	32.3	33	0	00	8	28	3	0	0	—	8.7	31	39	0	146
Quseir	00	8	32	2	0	0	—	8.0	32.4	43	0	00	8	28	2	0	0	—	7.1	30.4	34	0	147
Port Sudan	00	8	04	4	1	3	8	6	36	44													208
Northern Sudan																							
Wadi Halfa	02	8	32	1	1	6	2	6	40	08													165
Kareima	00	8	32	1	1	3	1	5	42	11													166
Atbara	02	7	20	3	1	8	2	3	41	18													167
Khartum	01	8	24	3	0	2	8	6	38	21													209
Kassala	01	8	20	2	0	4	8,4	5	37	27													170
Central Sudan																							
Wad Medani	02	8	24	4	1	5	8	5	38	25													171
Renk	01	9	16	3	1	4	8	—	35	35													182
Roseires	02	8	16	1	2	6	5	9	34	40													172
El Obeid	02	9	24	3	1	6	9,4	7	34	32													174
El Fasher	02	9	10	3	1	7	8,4	—	31	49													175
Geneina	12	8	20	4	8	4	9	—	31	43													179
Kadugli																							187
Southern Sudan																							
Malakal	01	8	18	1	1	4	4	9	34	39													176
Wau	01	8	18	1	1	5	8	10	32	43													177
Juba	01	8	00	0	1	4	8	10	31	49													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.

18th

Port Said	Almaza	Minya	[illegible]	Hurghada	Wadi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakal	Juba
					13h 15m	12h 30m	13h		13h	13h	13h
					09 33 10	09 64 20	09 27 30		09 26 20	09 19 20	09 16 00
					15 27 15	15 16 10	15 28 40		15 28 15	15 18 28	15 12 14
					21 28 35	21 11 15	21 27 38		21 19 10	21 17 35	21 11 15
					27 26 35	27 05 05	24 28 30		27 07 15	27 18 20	27 13 15
						33 29 18	30 29 30			33 19 25	33 11 25
											39 09 18

At 8h. on WEDNESDAY 19th (الساعة ٨ يوم الأربعاء 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	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Salum												—		—				99
Matruh	00	9	32	2	0	3	8	15.0	+2.5	24.4	28	+1	22	+3	77	0	101	161
Mariut	01	8	29	3	0	4	8	15		25	35	—	22	—	65	0	187	138
Alexandria	02	9	04	4	1	5	8	15.1	+2.8	25.0	35	+7	24	+3	63	0	170	186
Damietta	00	8	26	3	1	1	8	13.2	+2.2	25.0	33	—	23	—	80	0	81	106
Port Said	00	8	28	4	0	2	1	13.2	+2.2	25.8	32	+3	23	+2	65	0	71	81
El Arish	01	9	28	3	0	3	3	12.2	+1.2	26.9	33	+4	21	+3	66	0	—	94
Lower Egypt																		
Damanhur	01	7	04	4	1	3	8	13.9	+2.5	25.6	37	+5	21	+2	66	0	92	101
Mansura	01	8	32	2	1	3	0	13.9	+2.5	26.8	40	+6	22	+3	57	0	66	55
Tanta	00	8	32	2	0	0	—	14.3	+2.7	25.0	37	+2	20	+2	63	0	107	44
Zagazig	00	6	16	2	1	2	8	14.4	+2.9	27.2	37	+3	18	0	65	0	24	27
Shebin el Kom	00	8	02	2	0	0	—	13.4	+1.7	25.6	38	—	21	—	70	0	36	—
Middle Egypt																		
Cairo Almaza	01	7	30	1	2	5	6	15.1	+3.6	24.0	39	—	22	—	75	0	10	—
Cairo Ezbekiya	05	7	28	2	1	4	8	14.4	+2.9	25.7	39	+4	22	+2	65	0	22	26
Cairo Giza	01	7	30	1	1	5	8	14.8	+3.3	24.0	39	+4	22	+4	77	0	41	27
Helwan	00	7	30	1	1	1	0	14.3	+3.0	24.1	38	+3	22	+2	69	0	20	29
Suez	00	9	30	2	0	3	2	14.2	+3.7	26.3	38	+3	24	+3	59	0	—	17
Upper Egypt																		
Faiyum	01	8	30	3	1	4	1	14.4	+3.3	25.8	39	+3	22	+2	60	0	13	8
Minya	01	8	32	2	1	4	2	13.1	+2.7	28.2	41	+5	25	+5	43	0	dr.	—
Asyut	00	6	24	1	0	0	—	12.6	+2.4	30.0	40	+3	24	+2	31	0	2	4
Nag Hamadi	00	8	00	0	0	0	—	10.8	+2.1	31.7	41	—	21	—	38	0	1	—
Qena	00	8	24	1	0	0	—	10.0	+1.7	31.8	43	+2	24	+1	34	0	13	—
Luxor	00	7	28	2	0	0	—	9.6	+1.1	33.0	44	+3	23	+1	25	0	0	—
Aswan	02	9	28	1	1	5	1	9.5	+1.1	31.6	42	0	25	-1	24	0	dr.	—
Western Desert																		
Siwa	00	7	04	2	0	0	—	17.6	+4.2	24.0	42	+4	20	+1	66	0	5	8
Bahariya	00	9	00	0	0	0	—	13.8	+1.8	26.0	39	+3	19	0	55	0	0	7
Kharga	00	9	32	3	0	0	—	11.0	+1.8	35.5	42	+3	—	—	16	0	1	—
Dakhla	00	8	28	3	0	0	—	12.7	+1.9	33.2	42	+2	28	+5	30	0	0	—
Red Sea																		
Tor	00	7	28	4	0	0	—	10.2	+2.1	28.3	37	+4	26	+3	68	0	0	13
Hurghada	00	8	02	2	0	0	—	10.4	+2.1	31.7	37	+3	24	+1	30	0	1	3
Quseir	00	8	32	3	0	0	—	8.8	+0.8	33.0	34	+1	27	+1	38	0	11	4
Port Sudan	00	8	18	2	0	1	2	7		37					27	0	25	97
Northern Sudan																		
Wadi Halfa	01	8	20	1	1	4	2	9		27					16	0	tr.	
Kareima	01	8	02	1	1	5	2	9		32					15	0	7	2
Atbara	02	7	20	4	1	8	2	8		31					38	0	8	8
Khartum	01	8	16	4	2	4	4,2	12		29					49	0	8	12
Kassala	01	8	16	3	1	4	2	10		28					52	0	33	38
Central Sudan																		
Wad Medani	02	9	18	5	1	7		10		28					52	2	41	44
Renk	02	8	12	3	2	6	8	—		24					94	—	—	136
Roseires	02	7	16	1	6	5	3	14		24					84	4	272	184
El Obeid	61	8	24	4	6	8	9	13		23					84	5	79	56
El Fasher	11	9	04	3	1	6	9,6	—	—	22					74	7	42	24
Geneina	01	8	00	0	1	4	4,1	—	—	24					74	—	—	56
Kadugli																—	—	254
Southern Sudan																		
Malakal	02	8	20	1	1	7	8,4	14		26					74	0	277	273
Wau	00	8	00	0	0	2	4	13		24					79	0	203	469
Juba	01	8	12	1	1	3	8,1	15		24					89	0	649	554

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

19th

Matruh	Mariut	Port Said	Helwan	CAIRO	Asyut	Luxor	Aswan	Wadi Halfa	Abu Hamad	Kareima	Khartum
7h 15m	6h 30m		9	8h 15m	7	7h 30m	7	7h 15m	7	7	
03 34 35	03 34 30		02 34 15	02 33 20	02 33 30	03 01 30	02 01 15	09 05 30	09 03 35	09 06 40	
06 35 40	06 33 30		05 35 30	05 35 15	05 03 30	06 02 35	05 02 25	15 04 30	15 01 30	15 35 15	
	09 34 40		08 35 30	08 36 20	10 02 30	09 03 38	10 03 50	21 05 30	21 33 25	21 35 20	
	12 35 40		10 33 20	10 34 35	15 35 40	15 02 55	15 01 40	27 07 20	27 23 05	27 01 15	
	15 03 40		15 29 30	15 29 40	20 01 25		20 35 40	33 07 15	33 23 15	33 18 05	
	18 01 48		20 29 —	20 29 —				39 06 15	39 26 30	39 22 05	
	21 46 55							48 06 15		48 24 30	
	24 01 30										

Kassala	Port Sudan	El Obeid	El Fasher	Geneina	Malakal
6 45	7	7		7	7
09 18 30	09 33 10	09 26 30		09 08 05	09 25 20
15 20 30	15 36 20	15 27 40		15 10 15	15 26 20
21 21 30	21 35 25			21 07 10	21 25 20
27 23 30	27 35 20			24 05 05	27 26 20
	33 33 20				36 26 20

Upper Air Temp. Almaza at 23 GMT on 18th

Height	PPP		
Surface	1003	77	67
500	985	74	63
1000	967	73	61
1500	950	80	58
2000	933	79	57
3000	866	73	53
4000	804	64	47
5000	745	53	42
6000	690	46	36
7000	638	36	27
8000	590	32	26
9000	544	25	20

19th
34700 00791 22400 09261 90002 00160
34800 01853 30303 10261 20301 00180

Times are ... Standard time ... 30 E and are ...

Station	Humidity 18th	Diff. from normal	Wet bulb temp. 18th	Diff. from normal
Khartum	67	-6	22.2	+0.8
[illegible]	40	-14	21.0	+0.2
[illegible]	50	-4	21.6	+1.3
[illegible]	31	-11	19.3	+0.6

Kassala Minimum Temp. 19th 19.5°

Max. Temp. 19th 26.5°

19th	1701	1620
18th	1701	1620

River Gauge (19th)

Gauge	Reading	Diff. from normal	Reading	Diff. from
Juba	—	—	7.92	-0.10
Nasser	10.55	-0.31	10.52	-0.32
Malakal	—	—	371.08	—
J. Aulia Res	—	—	371.02	-0.28
J. Aulia D S	14.00	+0.68	13.86	+0.59
Roseires	—	—	7.14	—
Sennar Res.				
Khartum	—	—	12.70	+1.61
[illegible]	10.40	+0.03	10.40	+0.05
[illegible]			131.21	-1.05
[illegible]	112.61	—	113.00	—
[illegible]	86.40	+0.05	86.39	+0.06
[illegible]	—	—	16.47	+0.94

PRESENT WEATHER 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
- Distant Duststorm
- Squally
- Light Duststorm
- ... in past hour 20-29
- Slight Thunderstorm
- Heavy Thunderstorm
- Duststorm 30-34
- Fog or Thick Haze 40-43
- Mod. Fog in last hour
- Thick ...
- Fog in patches
- Drizzle 50-59
- Rain 60-69
- Rain and Fog
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ... Snow 83, 84
- ... Sleet 85, 86
- ... Rain 88, 89
- Thunderstorm 90-99
- ... ided, Low Rain
- ... ith Hail 96
- ... with Duststorm
- ... 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
- 40 metres
- 200
- 500
- 1 Kilometre
- Visible over 50 Kms

CLOUD AMOUNT (N)

WIND FORCE (F)
- Calm
- Almost calm
- Very light
- Light
- Moderate
- Fresh
- Strong
- Very strong
- Gale
- Strong gale
- Whole gale
- Storm
- Hurricane

CLOUD FORM (C)
- Cirrus
- Cirro-stratus
- Cirro-cumulus
- Alto cumulus
- Alto stratus
- Strato-cumulus
- Nimbo-stratus
- Cumulus

WIND DIRECTION CODE
... East
24 — West

Time of Sunrise 04 54
Sunset 18 59

Month JUNE 1946

DAILY WEATHER REPORT

شهر يونيه ١٩٤٦

At 14h on WEDNESDAY 19th — الساعة ١٤ يوم ١٩ / At 20h on 19th — الساعة ٢٠ يوم الأربعاء 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)	Temp °C (TTT)	% Humidity (UU)	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
Salûm																							130
Matrûh	00	9	30	3	0	0	—	17.8	25.0	77	0	00	8	28	3	0	0	—	17.4	23.6	70	0	131
Mariut	01	8	29	4	0	3	8,6	16	27	58	0	01	8	30	3	1	4	6	15	23	78	0	150
Alexandria	01	9	04	5	2	4	8	16.0	26.4	59	0	01	6	02	4	2	4	8	16.3	24.0	60	0	132
Damietta	00	8	30	4	1	2	8	14.0	25.8	77	0	01	8	28	3	1	3	8	13.8	23.6	86	0	159
Port Saʻîd	14	8	30	5	3	0	—	13.9	28.7	58	0	01	8	30	4	1	4	8	13.9	23.7	78	0	134
El ʻArîsh	01	9	28	4	0	3	3	13.0	27.1	63	0	01	9	28	2	1	5	3	13.1	24.3	66	0	135
Damanhûr	00	6	04	4	1	3	8	14.6	27.2	55	0	00	7	04	2	1	0	—	15.0	21.3	79	0	136
Mansûra	00	8	32	2	1	0	—	14.3	30.2	35	0	00	6	32	2	0	0	—	14.8	23.8	72	0	137
Tanta	00	8	32	4	0	0	—	13.9	30.5	39	0	00	8	32	3	0	0	—	14.4	23.6	65	0	138
Zagazig	00	6	24	2	0	0	—	13.8	32.0	38	0	00	6	32	2	0	0	—	14.3	25.2	69	0	139
Shebîn el Kôm	00	8	30	3	0	0	—	-	34.2	32	0	00	7	30	2	0	0	—	—	25.8	58	0	—
Cairo Almaza	00	8	02	2	0	0	—	13.2	32.7	57	0	00	7	02	2	0	0	—	13.9	26.2	47	0	141
Cairo Ezbekîya	00	8	30	3	0	0	—	13.8	32.0	30	0	00	7	28	31	0	0	—	13.9	26.0	53	0	—
Cairo Gîza	00	8	04	2	0	0	—	14.0	32.2	28	0	00	7	30	2	0	0	—	14.0	27.0	46	0	—
Helwân	00	7	28	3	0	0	—	13.5	31.8	23	0	00	7	32	3	0	0	—	13.9	26.0	47	0	143
Suez	00	9	32	2	0	0	—	13.1	33.0	23	0	00	9	32	3	0	0	—	13.9	26.8	44	0	144
Faiyûm	00	8	32	3	0	2	1	13.0	33.2	23	0	00	8	32	1	0	0	—	13.8	27.0	42	0	153
Minya	00	9	32	4	1	0	—	12.8	36.0	42	0	00	9	32	2	0	0	—	12.8	29.0	32	0	154
Asyût	00	8	30	1	0	0	—	11.2	38.4	18	0	00	6	30	1	0	0	—	11.4	31.2	28	0	155
Nag Hamâdi	00	8	32	1	0	0	—	9.0	39.8	22	0	00	8	26	1	0	0	—	9.0	32.8	28	0	164
Qena	00	9	24	2	0	0	—	8.8	43.3	11	0	00	6	26	3	0	0	—	7.8	35.4	19	0	156
Luxor	00	7	30	2	0	0	—	8.3	44.0	15	0	00	6	28	3	0	0	—	7.8	36.2	16	0	157
Aswân	01	9	32	3	1	3	1	5.5	43.6	09	0	00	9	32	5	0	0	—	5.8	39.0	10	0	158
Sîwa	00	8	04	2	0	0	—	17.0	34.0	45	0	00		00	0	0	0	—	16.3	31.0	53	0	148
Baharîya	00	9	32	1	0	0	—	13.4	33.8	36	0												149
Khârga												00	9	32	2	0	0	—	9.0	33.0	25	0	151
Dâkhla	00	8	30	4	0	0	—	11.6	39.2	24	0	00	7	24	2	0	0	—	10.2	33.0	26	0	152
Tôr	00	7	28	4	0	0	—	8.0	30.9	56	0	00	7	28	4	0	0	—	11.9	28.3	76	0	145
Hurghada	00	8	30	4	0	0	—	9.2	31.3	-	0	00	8	28	5	0	0	—	8.8!	34.2	29	0	146
Quseir	00	8	02	2	0	0	—	9.5	34.0	45	0	00	8	28	1	0	0	—	9.4	30.5	50	0	147
Port Sûdân	18	6	08	5	0	0	—	3	37	58													189
	02	8	02	3	1	6	2	6	42	06													
	01	8	02	1	1	4	1	6	42	11													166
	00	8	24	1	1	0	—	4	42	11													167
	00	8	24	2	1		1	4	38	18													168
	01	8	28	1	1	3	2,1	5	38	37													170
	01	8	18	4	1	4	1	6	36	27													
Roseires	01	8	08	1	1	4	3	11	29	66													172
El Obeid	02	9	24	2	1	7	4,4,2	7	33	34													174
El Fasher	02	9	30	2	6	7	2,4,5	—	28	66													175
Geneina																							179
Kadugli	02	8	12	4	9	7	9	10	27	66													187
Malakâl	93	7	04	5	9	7	9,4	12	23	78													176
Wau	02	8	24	2	1	5	8	9	33	41													177
Juba	11	8	16	2	9	5	9	10	28	66													178

At 8h on THURSDAY 20th — الساعة ٨ يوم الخميس 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+ m.bs.	Diff. from normal m.bs.	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm.	Minimum Today °C	Diff. from norm.	Humidity	Rainfall Past 24 hrs mms	Rainfall	Rainfall
Salûm											—		—					99
Matrûh	01	9	32	3	0	4	8	17.0	+4.6	24.0	26	-1	22	+2	75	0	101	161
Mariut	01	8	31	3	1	4	6	15		25	28	—	22	—	70	0	187	138
Alexandria	01	8	30	3	2	4	4	15.4	+3.2	24.6	28	0	23	+2	71	0	170	186
Damietta	01	7	28	2	1	4	8	14.2	+3.3	25.0	26	—	21	—	83	0	88	106
Port Saʻîd	01	8	30	2	1	4	8	14.6	+3.7	25.2	29	0	22	+1	71	0	71	81
El ʻArîsh	01	9			1	5	3	14.3	+3.4	26.3	28	-1	20	+2	66	0		94
Damanhûr	01	7	04	3	1	3	8	15.0	+3.6	25.8	29	-3	19	0	66	0	92	101
Mansûra	01	8	32	1	1	4	8	15.0	+3.7	25.0	31	-3	19	0	68	0	66	55
Tanta	01	8	32	1	1	4	8	15.5	+4.1	24.6	31	-4	17	-1	72	0	107	44
Zagazig	00	6	28	3	0	3	8	15.0	+3.6	26.2	32	-2	18	0	65	0	24	27
Shebîn el Kôm	00	8	30	2	0	0	—	-	-	24.3	35	—	19	—	71	0	36	
Cairo Almaza	01	7	04	2	1	5	6	14.7	+3.3	22.0	33	—	20		71	0	10	—
Cairo Ezbekîya	05	6	30	2	1	5	8	15.2	+3.8	23.7	33	-2	20	0	68	0	22	26
Cairo Gîza	01	7	30	2	1	4	8	15.4	+4.0	23.0	34	-1	19	+1	74	0	41	27
Helwân	01	7	32	2	1	4	8	15.4	+4.2	22.8	32	-3	19	-1	65	0	20	29
Suez	01	9	32	2	1	5	3	15.0	+4.6	24.8	34	-1	21	0	59	0	—	17
Faiyûm	01	8	32	3	1	4	8	15.4	+4.4	23.5	34	-2	19	-1	63	0	13	8
Minya	01	8	32	4	1	3	8	14.6	+4.3	24.3	37	+1	21	+1	62	0	dr.	—
Asyût	00	7	26	2	0	0	—	13.6	+3.5	24.0	40	+3	20	-2	60	0	0	4
Nag Hamâdi	00	8	24	1	0	0	—	11.6	+2.9	26.3	40	—	20	—	56	0	1	
Qena	00	8	26	2	0	0	—	10.6	+2.4	28.0	45	+4	22	-1	42	0	13	
Luxor	00	7	28	2	0	0	—	11.5	+3.1	31.0	45	+4	24	+2	32	0	0	
Aswân	00	9	32	4	0	0	—	9.5	+1.1	29.8	45	+3	27	+1	27	0	dr.	
Sîwa	00	7	00	0	0	0	—	17.2	+3.9	24.0	36	-2	18	-2	67	0	5	8
Baharîya	00	9	32	1	0	0	—	14.2	+2.3	24.5	37	+1	18	-1	57	0	0	7
Khârga	00	9	32	5	0	0	—	13.4	+4.3	24.4	42	+3	22	-1		0	1	
Dâkhla	00	8	32	2	0	0	—	15.0	+3.3	24.8	41	+1	22	-1	54	0	0	
Tôr	00	7	28	5	0	0	—	10.0	+2.0	25.2	31	-2	23	0	64	0	0	13
Hurghada	00	8	30	4	0	0	—	10.7	+2.4	25.2	32	-2	-	-	58	0	1	3
Quseir	18	6	32	7!	3	0	—	9.2	+1.3	28.6	36	+3	27	+1	36	0	11	4
Port Sûdân	00	9	26	1	0	0	—	6		38					38	0	25	97
	00	8	02	3	0	0	—	9		31					17	0	tr.	
	00	8	02	2	0	2	1	7		32					15	0	7	2
	02	8	28	1	1	8	2	6		33					19	0	8	8
	01	8	20	3	1	5	4,2	7	32	32					41	0	8	13
	00	8	20	3	0	0	—	9		29					70	0	33	39
	00	9	16	5	0	3	3	9		29					52	0	41	45
	01	7	12	3	1	4	4	10		26					58		—	138
Roseires																0	272	189
El Obeid	02	9	22	4	1	5	4,5	10		27					58	tr.	79	57
El Fasher	01	9	02	2	1	5	4			26					70	6	48	25
Geneina																—	—	58
Kadugli	02	8	12	2	1	7	4	12		34					44		—	258
Malakâl	01	8	16	1	1	4	4	12		23					89	3	280	278
Wau								12		23					84	0	203	475
Juba	02	8	08	1	1	5	6,4,2	13		23					78	tr.	649	559

PRESENT WEATHER
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 last hour 20-29
Slight Thunderstorm
Heavy Thunderstorm 99
Duststorm 30-34
Fog or Thick Haze
Drizzle
Rain
Rain and Fog
Rain and Snow

Upper Winds are in the code HHDDVV where HH is Height above sea level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is velocity in kilometres per hour.

19th:

Port Saʻîd	Minya	Hurghada / Malakâl	Kassala / El Obeid	Juba
13	13	13 15 12 30	12 45 13	71 15
03 34 15	03 34 20	09 03 15 09 30 25	09 25 10 09 23 10	09 18 20
06 36 30	06 34 20	15 02 30 15 31 25	15 28 20 15 05 02	15 18 20
09 35 35	09 30 35	21 03 30 21 31 50	21 29 10 21 05 05	21 27 05
15 34 35	12 30 35	27 03 20 24 29 30	27 27 20	27 13 05
21 34 45	15 29 45	33 01 15 30 09 20	33 34 15	33 12 15
27 34 45	21 29 50	39 02 20 33 09 10		39 07 25
30 34 50				
33 34 45				

19

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

20th:

Matrûh, Mariut, Port Saʻîd, Helwân, Minya, Asyût, Luxor, Aswân …

6 30 6 30 9 6 30 7 7 7 7 15 7 7 6 30
03 33 30 03 32 25 02 36 30 03 36 40 02 35 20 03 30 05 02 36 20 09 01 55 09 02 30 09 04 15 09 29 30
06 34 30 06 33 15 05 36 20 06 01 55 05 36 30 06 35 25 05 35 25 15 01 45 15 34 15 15 35 10 15 33 35
09 01 35 09 04 15 08 02 40 09 35 45 10 35 50 09 35 30 10 01 25 21 02 30 21 31 15 21 06 20 21 34 30
15 01 45 12 04 15 10 04 45 12 01 45 15 34 10 27 14 15 24 31 15 27 07 20 24 35 30
21 36 30 15 02 20 15 02 50 15 36 35 20 25 15 27 29 15 33 07 40 27 01 30
27 35 30 18 01 25 20 02 35 21 36 35 25 25 20 30 25 20 30 03 25
30 01 20 21 36 20 23 03 40 24 35 35 30 26 25 33 24 15 39 06 25
33 34 35 30 34 45 24 02 30 27 36 30 35 35 10
33 34 40 30 01 25 40 03 05

Kassala, Port Sûdân, El Obeid, El Fasher, Malakâl

7 7 7 7
09 12 15 09 36 50 09 24 35 09 20 15
15 23 20 15 03 30 15 20 20
21 27 35 21 03 15 21 31 20 21 10 05
27 07 10 27 05 10 27 33 65 27 12 10
33 12 35 33 20 40 30 11 05
39 10 15 39 04 35

Almaza 4 — 20th

Surface 1005	67.5	65
987.5	65	63
969	64	62
951.5	62	61
934.5	61	58
868	60	44
805	60	38
746.5	56	34
691	54	31
639.5	48	27
590.5	39	26
544.5	29	21

19th 19th
59 -13 20.1 -1.4
57 +2 20.4 -0.5
59 +5 20.2 -0.1
55 +13 19.2 +0.4

20th 17.8°

20th 26.0°

20-6 1701 1620
19-6 1701 1620

20th:
13.40 -0.10
8.02 -0.06
10.60 -0.28 10.55 -0.31
371.13
371.06 -0.26
13.72+0.36 14.00 +0.68
7.02
10.92 -0.11
12.20 +1.07
10.44 +0.04 10.40 + 0.03
131.24 - 1.08 131.21 - 1.08
112.14 112.61
86.42+0.05 86.40+ 0.05
16.42+0.88 16.42+0.88

20th
14700 00990 32300 13291 20002
14800 20990 32400 15260 80203

DAILY WEATHER REPORT

Time of Sunrise 04 54 h. m.
Sunset 18 59

Month JUNE 1946

شهر يونيه ١٩٤٦

At 14h. on THURSDAY 20th (الساعة ١٤ يوم الخميس ٢٠) and at 20h. on 20th (الساعة ٢٠ يوم الخميس ٢٠)

Station	14h ww	V	Wind DD	Wind F	Past W	Cloud N	Cloud C	Bar press PPP	Temp TTT	% Hum UU	Rain 8-14 mms	20h ww	V	Wind DD	Wind F	Past W	Cloud N	Cloud C	Bar press PPP	Temp TTT	% Hum UU	Rain 14-20 mms	Station number
Mediterranean																							
SALUM																							130
MATRUH	00	9	32	3	1	3	8	17.4	25.8	73	0	00	8	32	4	0	0	—	17.8	23.0	79	0	131
MARIUT	00	8	31	3	0	1	6	15	27	66	0	00	8	31	3	0	2	6	15	24	77	0	150
ALEXANDRIA	01	9	02	2	2	4	4	13.4	27.7	67	0	01	5	05	1	2	3	4	15.4	24.6	74	0	132
DAMIETTA	00	8	02	3	1	0	—	14.0	27.7	78	0	00	7	30	2	0	0	—	13.8	24.7	83	0	159
PORT SAID	00	8	32	3	0	0	—	14.3	27.8	62	0	00	8	30	2	0	0	—	14.3	24.3	78	0	134
EL ARISH	00	9	28	3	0	0	—	13.4	26.3	59	0	01	9	32	3	1	5	8	13.6	25.3	64	0	135
Lower Egypt																							
DAMANHUR	01	7	08	3	1	3	8	14.0	31.2	42	0	00	7	08	2	1	0	—	14.3	24.2	48	0	136
MANSURA	00	8	04	1	1	0	—	14.2	32.2	30	0	00	6	02	2	0	0	—	14.2	25.4	68	0	137
TANTA	01	8	28	3	1	3	8	14.3	32.6	36	0	00	8	24	2	1	3	8	14.4	25.6	61	0	138
ZAGAZIG	00	6	28	2	0	0	—	14.0	31.6	38	0	00	6	32	2	0	0	—	12.4	26.4	55	0	139
SHEBIN EL KOM	00	8	02	3	0	0	—	—	35.2	31	0	00	7	30	2	0	0	—	11.8	24.7	63	0	—
Middle Egypt																							
CAIRO ALMAZA	00	8	02	3	0	0	—	13.4	32.0	25	0	00	7	02	4	0	0	—	12.8	29.0	67	0	141
CAIRO EZBEKIYA	00	8	30	4	0	0	—	13.1	32.6	28	0	00	8	02	2	0	0	—	13.1	27.7	42	0	—
CAIRO GIZA	00	8	04	2	0	0	—	13.5	31.8	27	0	00	7	04	2	0	0	—	13.3	29.0	30	0	—
HELWAN	00	8	32	4	0	0	—	12.3	32.4	21	0	00	7	32	4	0	0	—	12.4	28.3	28	0	143
SUEZ	00	9	32	2	0	0	—	13.6	30.0	36	0	00	9	32	2	0	0	—	13.6	27.3	37	0	144
Upper Egypt																							
FAIYUM	00	8	32	3	0	0	—	12.4	31.9	26	0	00	8	02	2	0	0	—	12.2	29.6	30	0	153
MINYA	00	8	32	4	0	0	—	12.7	32.4	30	0	00	8	32	3	0	0	—	11.4	29.2	33	0	154
ASYUT	00	8	30	1	0	0	—	11.6	32.9	21	0	00	6	28	1	0	0	—	10.3	30.0	29	0	155
NAG HAMADI	00	8	24	1	0	0	—	11.1	34.2	30	0	00	8	24	1	0	0	—	8.0	28.3	32	0	164
QENA	00	9	26	2	0	0	—	8.3	39.3	13	0	00	6	24	1	0	0	—	7.0	32.8	17	0	156
LUXOR	00	7	30	2	0	0	—	9.4	38.5	22	0												157
ASWAN	00	9	32	4	0	0	—		40.0	12	0	00	9	32	2	0	0	—	7.0	37.4	14	0	158
Western Desert																							
SIWA	00	8	28	2	0	0	—	16.4	33.0	39	0	00		02	2	0	0	—	15.5	31.3	53	0	148
BAHARIYA	00	9	00	0	0	0	—	12.9	34.5	29	0												149
KHARGA	00	9	32	1	0	0	—	10.7	33.8	33	0	00	9	32	1	0	0	—	10.8	31.4	37	0	151
DAKHLA	00	8	30	4	0	0	—	13.2	31.8	40	0	00	7	28	2	0	0	—	13.0	25.9	38	0	152
Red Sea																							
TOR	00	7	28	5	0	0	—	9.5	28.1	68	0												145
HURGHADA	00	8	02	4	0	0	—	9.5	29.8	34	0	00	8	28	4	0	0	—	8.8	28.5	44	0	146
QUSEIR	00	8	32	4	0 3?	0	—	8.7	30.3	49	0	00	8	30	3	0	0	—	7.0	28.0	57	0	147
PORT SUDAN	00	7	04	4	0	1	2	3	37	35													208
North Sudan																							
WADI HALFA	01	7	02	4	1	4	2	7	42	06													165
KAREIMA	02	8	30	2	1	5	2	3	43	07													166
ATBARA	02	8	30	1	1	8	2	2	43	08													167
KHARTUM	01	8	30	1	1	4	2	4	41	10													208
KASSALA	01	8	24	3	1	4	8,2	3	38	24													170
Central Sudan																							
WAD MEDANI	00	8	20	3	0	3	1	4	38	21													171
RENK	00	9	20	3	0	0	—	—	34	39													182
ROSEIRES	01	8	16	1	1	4	1	7	34	41													172
EL OBEID	02	9	20	3	1	6	9,4	5	36	27													174
EL FASHER	01	9	28	2	1	6	8	—	36	31													175
GENEINA	01	8	18	2	1	4	8,4	—	34	32													179
KADUGLI																							187
South Sudan																							
MALAKAL	01	8	20	1	1	4	8,4	10	32	52													176
WAU	01	8	20	3	1	4	8,4	9	31	43													177
JUBA	25	8	12	3	1	8	9,6	15	22	94													178

At 8h. on FRIDAY 21st (الساعة ٨ يوم الجمعة ٢١)

Station	ww	V	Wind DD	Wind F	Past W	Cloud N	Cloud C	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
Mediterranean																		
SALUM												—		—				99
MATRUH	00	9	32	3	0	0	—	15.4	+3.1	23.5	26	-1	22	+2	74	0	101	161
MARIUT	00	8	31	2	0	0	—	14		26	28	—	22	—	62	0	187	138
ALEXANDRIA	00	9	04	1	0	0	—	14.6	+2.6	25.6	29	+1	24	+3	64	0	170	186
DAMIETTA	00	8	30	3	0	0	—	13.4	+2.6	25.3	28	—	23	—	81	0	81	106
PORT SAID	00	8	32	3	0	0	—	13.6	+2.9	26.2	28	-1	23	+2	72	0	71	81
EL ARISH	01	9	32	1	1	3	8	12.8	+2.0	26.9	28	-1	18	0	66	0		94
Lower Egypt																		
DAMANHUR	00	7	04	3	0	0	—	14.3	+3.2	25.3	32	0	20	+1	73	0	92	101
MANSURA	01	8	02	1	1	3	8	13.2	+2.0	26.5	34	0	20	+1	67	0	66	55
TANTA	01	8	32	1	1	3	8	14.2	+2.9	26.5	33	-2	17	-1	64	0	107	44
ZAGAZIG	02	6	28	2	1	5	8	13.6	+2.3	25.4	33	-2	19	+1	71	0	24	27
SHEBIN EL KOM	00	8	30	2	0	0	—	13.0	+1.5	23.6	36	—	19	—	67	0	36	
Middle Egypt																		
CAIRO ALMAZA	01	7	04	2	1	4	6	13.0	+1.7	24.7	34	—	20	—	77	0	10	
CAIRO EZBEKIYA	05	6	32	3	1	5	8	13.5	+2.2	25.6	34	-1	20	0	67	0	22	26
CAIRO GIZA	01	7	04	1	1	4	8	13.5	+2.2	23.9	33	-2	20	+2	75	0	41	27
HELWAN	01	8	32	3	1	4	8	13.1	+1.9	24.0	33	-2	20	0	67	0	20	29
SUEZ	01	9	32	2	1	4	8	13.4	+3.1	24.8	32	-3	21	0	68	0	—	17
Upper Egypt																		
FAIYUM	01	8	32	3	1	3	8	12.8	+1.9	25.5	33	-3	21	+1	58	0	13	8
MINYA	00	9	32	2	0	0	—	13.5	+3.3	24.9	34	-2	20	0	60	0	tr.	—
ASYUT	00	7	30	1	0	0	—	11.1	+1.1	26.0	34	-3	20	-2	48	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	9.1	+0.5	27.2	35	—	19	—	41	0	1	—
QENA	00	8	26	2	0	0	—	8.2	+0.1	29.0	41	0	20	-3	34	0	13	—
LUXOR	00	7	26	2	0	0	—	9.0	+0.7	31.0	39	-2	20	-2	32	0	0	—
ASWAN	00	9	32	3	0	0	—	8.2	-0.1	29.0	40	-2	22	-4	24	0	tr.	—
Western Desert																		
SIWA	00	7	00	0	0	0	—	17.2	+3.9	22.2	35	-3	18	-2	74	0	5	8
BAHARIYA																	0	7
KHARGA	00	9	32	2	0	0	—	10.6	+1.5	27.2	35	-4	23	0	30	0	1	—
DAKHLA	00	8	28	2	0	0	—	—	—	—	33	-6	23	0	—	0	0	—
Red Sea																		
TOR																	0	13
HURGHADA	00	8	30	4	0	0	—	9.5	+1.3	27.5	31	-3	21	-2	40	0	1	3
QUSEIR	00	8	32	3	0	0	—	7.5	-0.3	28.7	32	-1	25	-1	48	0	11	4
PORT SUDAN	00	8	16	1	0	1	2	7		36					39	0	25	97
North Sudan																		
WADI HALFA	00	8	32	2	0	0	—	9		27					26	0	tr.	
KAREIMA	00	8	32	4	1	3	2	7		28					16	0	7	2
ATBARA	01	8	32	2	1	5	1	6		33					19	0	8	8
KHARTUM	02	8	22	2	2	5	1	7		32					15	0	8	13
KASSALA	—															0	33	40
Central Sudan																		
WAD MEDANI	00	9	18	5	1	2	1	9		30					55	0	41	46
RENK	00	9	18	3	0	0	—	—		27					70	—	—	141
ROSEIRES	01	8	08	4	0	4	6	13		28					66	0	272	194
EL OBEID	01	9	20	4	0	3	1	10		27					58	0	79	59
EL FASHER																0	48	25
GENEINA	01	8	22	1	1	4	1	—		23	—		—		74	—	—	69
KADUGLI	02	8	12	2	1	5	4	12		26					79		—	262
South Sudan																		
MALAKAL	01	8	16	3	1	5	4,5	12		26					74	0	280	283
WAU	00	8	20	1	0	2	4	11		25					79	0	203	481
JUBA	02	8	12	2	2	5	4	15		23					94	1	650	564

PRESENT WEATHER 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
Fog in past hour
Thick
Fog in patches
Drizzle 50-59
Rain 60-69
Rain and Fog
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
... Snow 83, 84
... Sleet 85, 86
... Hail 88, 89
Thunderstorm 90-99
... with Hail 96

Upper Winds (20th)

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

Minya 13 15 · 12 45 · 13 15

03 36 1503 01 2003 36 40
06 36 3506 01 2506 36 40
09 01 3009 36 3009 35 25
15 36 3515 36 45
21 36 3021 01 30
30 01 25

Port Said 13 30 · 12 30

03 01 1003 32 10
06 03 1506 33 20
09 01 1009 33 20
15 30 15

11 30 · 13 · 13 · 12 48 · 13

09 02 2509 33 1509 20 1509 31 3509 19 10
15 01 2515 33 2015 23 4021 30 3515 19 10
21 29 2021 31 1021 20 2027 27 4021 19 15
27 28 2024 31 1627 09 1033 03 05
33 23 2027 05 10 · 39 02 10
39 20 2030 34 18

20th

Upper Winds (21st)

Matruh 7 · Mariut 6 18 · Port Said 7

03 34 3003 35 2003 02 25
06 35 2006 01 3006 02 30
09 36 3009 02 3009 02 15
15 33 3512 36 3012 04 15
15 02 20
18 02 25
21 01 25
24 01 30
27 36 20

Luxor 7 · 09 01 05

Wadi Halfa 7 18 · Abu Hamad 7 · Kareima 7 · 6 30

09 03 3009 03 5509 01 3509 04 15
15 31 2015 05 3515 04 6015 02 30
21 24 2521 06 3021 05 3521 34 20
27 21 3024 05 3027 08 1524 32 10
33 21 35 · 30 32 15
39 24 15 · 36 36 10

Kassala · Port Sudan 7 15 7

09 36 2509 25 30
15 02 4015 31 40
21 08 3021 01 15
27 12 2527 03 30
30 11 2033 03 20
39 05 –

7 · 7

09 25 1009 18 35
15 32 1515 19 30
21 06 4521 19 25
24 07 3033 19 05

21st

Lower section (20th)

	20th		20th	
	70	-2	21.9	+0.4
	52	-3	19.7	-1.3
	49	-5	19.2	-1.2
Aswan	43	+1	18.2	-0.6

Minimum: 21st 17.8°

21st 26.0°

21-6	1701	1620
20-6	1701	1620

Date: 21-6-46

Gauge	Reading	Diff. from normal	Previous day Reading	Diff. from normal
	13.50	0.00	13.36	-0.14
	8.18	+0.01	8.11	-0.01
Malakal	10.63	-0.27	10.60	-0.28
	13.70	+0.31	13.72	+0.36
	6.90	—	7.00	—
Khartum	11.16	+0.04	10.99	-0.07
	—	—	12.40	+1.22
	10.66	+0.23	10.44	+0.04
	131.25	-1.10	131.24	-1.08
	111.76	—	112.14	—
Aswan	86.42	+0.03	86.42	+0.05
Roda (Cairo)	16.42	+0.88	16.42	+0.88

21st

34700 00990 24200 12391 40902 00180
34800 00990 38200 13261 30803 00190

Almaza 23 ... 20th

Height			
Surface	1004	72	67
	986	70	66
	968	68	65
	951	66	63
	934	68	63
	867	61	48
	804	60	39
	746	60	36
	690	56	31
	639	48	27
	590	38	25
	544	30	21

WIND FORCE: Calm, Light air, Very light, Light, Moderate, Fresh, Strong, Very strong, Gale, Strong gale, Whole gale, Storm, Hurricane

WIND DIRECTION (DD): 09 = East, 18 = South, 27 = West, 36 = North

CLOUD FORM: Cirrus, Cirro-stratus, Cirro-cumulus, Alto-cumulus, Alto-stratus, Strato-cumulus, Nimbo-stratus, Cumulus, Cumulonimbus, Fractus

SUBSCRIPTION ...

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 04 h 54 m. Sunset 18 h 59 m.

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 8h. on FRIDAY 21st — الجمعة ٢١ / At 20h. on 21st

Station	ww (8h)	V	Dir	Force	W	N	C	PPP	TTT	UU	Rain 8–14 mms	ww (20h)	V	Dir	Force	W	N	C	PPP	TTT	UU	Rain 14–20 mms	Station Number
																							130
Matruh	00	9	32	4	0	0	—	14.7	25.0	72	0	00	8	32	4	0	0	—	13.9	22.5	71	0	131
Mariut	00	8	29	3	0	0	—	13	27	55	0	00	7	29	2	0	0	—	12	23	84	0	150
Alexandria	00	9	04	2	0	0	—	13.2	27.8	56	0	00	6	28	2	0	0	—	13.0	24.0	77	0	132
Damietta	00	8	30	3	0	0	—	12.4	27.7	66	0	00	7	30	2	0	0	—	11.8	24.0	91	0	159
Port Said	00	8	30	4	0	0	—	12.3	28.4	60	0	00	8	30	3	0	0	—	11.5	24.3	83	0	134
...ish	00	9	32	3	0	0	—	11.6	26.8	67	0	00	9	28	3	0	0	—	11.1	25.3	75	0	135
	00	7	04	3	0	0	—	13.9	31.4	42	0	00	7	04	3	0	0	—	12.6	22.0	72	0	136
	00	8	02	2	1	0	—	11.9	33.0	25	0	00	6	32	1	0	0	—	12.0	25.2	64	0	137
	00	8	28	3	0	0	—	11.9	33.3	33	0	00	8	32	2	0	0	—	12.3	25.5	58	0	138
	00	6	32	2	0	0	—	11.0	32.4	28	0	00	6	32	2	0	0	—	11.4	26.1	48	0	139
	00	8	30	3	0	0	—	10.2	35.0	29	0	00	7	02	2	0	0	—	12.2	27.9	51	0	—
	00	8	04	4	0	0	—	10.0	33.0	23	0	00	7	04	3	0	0	—	10.6	28.8	27	0	141
	00	8	32	4	0	0	—	10.4	33.3	30	0	00	7	02	3	0	0	—	10.6	27.6	30	0	—
	00	8	02	2	0	0	—	11.1	32.3	35	0	00	7	04	2	0	0	—	11.0	28.8	36	0	—
	00	8	02	3	0	0	—	9.4	32.6	25	0	00	7	02	2	0	0	—	10.3	28.6	27	0	143
	00	9	02	2	0	0	—	10.6	32.0	27	0	00	9	32	2	0	0	—	11.6	27.4	40	0	144
	00	8	32	3	0	0	—	9.8	32.8	27	0	00	8	02	2	0	0	—	10.0	29.1	29	0	153
	00	9	32	2	0	0	—	10.4	32.4	33	0	00	8	32	3	0	0	—	9.0	29.8	34	0	
	00	8	26	1	0	0	—	8.7	34.2	22	0	00		28	1	0	0	—	8.0	29.9	36	0	
												00	8	00	0	0	0	—	6.0	28.4	46	0	
	00	9	22	2	0	0	—	5.4	38.8	19	0	00	6	22	2	0	0	—	6.0	32.0	24	0	
	00	7	26	2	0	0	—	6.2	38.0	18	0	00	6	14	2	0	0	—	—	31.5	27	0	
	00	9	00	0	0	0	—	4.3	39.5	13	0	00	9	00	0	0	0	—	5.5	37.0	10	0	
	00	8	02	2	0	0	—	14.5	34.0	36	0	00		04	2	0	0	—	14.2	31.8	50	0	148
	00	9	00	0	0	0	—	11.0	38.4	26	0	00		00	0	0	0	—	12.2	27.0	56	0	149
	00	9	32	5	0	0	—	9.4	35.0	17	0	00	9	32	3	0	0	—	9.8	30.2	25	0	151
	00	9	32	3	0	0	—	10.7	33.9	28	0	00	7	28	2	0	0	—	9.9	26.2	35	0	152
	00	7	28	4	0	0	—	7.8	28.5	59	0	00	7	28	4	0	0	—	6.2	28.2	70	0	145
	00	8	02	3	0	0	—	7.8	30.5	41	0	00	8	28	4	0	0	—	7.5	28.9	45	0	146
	00	8	32	3	0	0	—	7.2	31.0	50	0	00	8	32	2	0	0	—	7.1	28.4	51	0	147
	00	8	06	4	0	3	8,2	4	37	27													308
	00	8	02	2	0	1	2	5	38	09													
	00	8	30	3	0	3	1	4	42	08													
	01	8	26	1	1	4	1	1	42	10													
...artum	01	8	28	2	1	3	1	3	40	08													309
	02	8	20	2	1	5	8	3	37	33													170
...ad Medani	01	8	18	5	1	5	1	4	38	29													171
...enk	01	9	18	3	1	4	8	—	34	47													182
Roseires	02	8	13	1	1	8	5	9?	29	62													172
...Obeid	01	9	20	3	0	4	8,4	5	37	24													174
...asher	01	9	00	0	1	4	8	—	36	35													175
Geneina	01	8	18	3	1	3	8	—	34	32													179
Kadugli	02	8	20	3	1	5	9	9	33	41													187
Malakal	01	8	20	1	1	4	8	8	33	47													176
Wau	01	8	22	2	1	4	8,4	8	32	50													177
...uba	01	8	00	0	1	3	9	9	31	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 21st:

Matruh 13	Mariut 12 30	Port Said	Almaza	Minya	Luxor	Hurghada	Wadi Halfa 14 15	Kareima 13	Khartum 13	Kassala	El Obeid 13 h.	Malakal 13 h.	Juba 12 h. 45 m.
03 35 30	03 35 15						09 34 20	09 35 25	09 22 10	09 22 30	09 27 18	09 20 10	09 19 15
09 01 15	06 01 20						15 26 20	15 35 25	15 18 10		15 27 10	15 17 15	15 21 20
15 03 25	09 01 15						21 24 30	21 02 20	21 21 10	21 24 30	21 33 20	21 17 15	21 22 30
21 01 30	12 01 10						27 23 35	27 05 20	24 33 15			27 15 15	27 22 30
27 34 25	15 02 20							33 07 10	27 32 10		33 03 02		
30 32 20	18 04 35						39 06 10						
39 32 15	21 02 30												
48 34 20													

Hours ... of standard time long. 30 E. and are ... from Greenwich mean time

Station	Humidity on 21st	Diff. from normal	Wet bulb temp. on 21st	Diff. from normal
Alexandria	68	−4	21.3	−0.3
Ezbekiya	50	−5	20.4	−0.7
Giza	53	−1	20.6	+0.2
Aswan	44	+2	19.0	+0.1

Grass minimum temp. 22nd 16.9°

Cairo ... 22nd 25.3°

22-6	1701	1620
21-6	1701	1620

Gauge	Date 1946	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	22nd			13.50	0.00
Jasser				8.18	+0.01
Malakal		10.66	−0.26	10.63	−0.27
J. Aulia Res					
J. Aulia D.S.					
Roseires		13.35	−0.05	13.70	+0.31
Sennar Res		6.90		6.90	
Khartum				11.16	+0.04
Kh. el Girba					
Atbara		10.80	+0.34	10.66	+0.23
Wadi Halfa				131.25	−1.10
Aswan Res		111.38		111.76	
Aswan D.S.		86.42	+0.01	86.42	+0.03
Roda (Cairo)		16.42	+0.87	16.42	+0.88

At 8h. on SATURDAY 22nd — الساعة ٨ يوم السبت ٢٢

Station	ww	V	Dir	Force	W	Cloud Amount	Form	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
Sallûm																		99
Matrûh	00	9	28	4	0	0	—	11.4	−0.8	23.8	26	−1	19	−1	77	0	101	161
Mariut	00	7	22	3	0	1	6	10		25	28	—	22	—	70	0	187	138
Alexandria	01	9	28	1	1	4	24	10.8	−1.1	24.8	29	0	23	+2	72	0	170	186
Damietta	00	8	28	3	0	0	—	9.6	−1.1	25.2	28	—	21		82	0	81	106
Port Saîd	00	8	30	2	0	0	—	9.5	−1.1	26.3	29	−1	24	+3	63	0	71	81
El 'Arîsh	00	9	24	1	0	0	—	9.4	−1.3	27.7	28	−1	19	+1	61	0	—	94
Damanhûr	00	7	04	3	0	0	—	10.7	−0.3	26.0	32	0	19	0	68	0	92	101
Mansûra	00	8	04	1	0	0	—	10.0	−1.1	25.5	34	0	20	+1	72	0	66	55
Tanta	00	8	28	2	0	0	—	10.2	−1.0	24.6	34	−1	17	−1	79	0	107	44
Zagazig	01	6	24	1	1	4	8	10.0	−1.2	25.1	33	−2	18	0	77	0	24	27
Shebîn el Kôm	00	8	30	2	0	0	—	11.0	−0.4	25.9	36		20		67	0	36	
Almaza	01	7	28	1	1	3	8	10.2	−1.0	22.5	34		20		77	0	10	
Ezbekiya	09	6	02	1	0	3	8	10.4	−0.8	23.9	34	−1	21	+1	72	0	22	26
Gîza	01	7	30	2	1	5	8	10.3	−1.0	23.3	33	−2	19	+1	73	0	41	27
Helwan	00	7	28	3	0	0	—	9.6	−1.5	23.0	34	−1	19	−1	67	0	20	29
Suez	01	9	32	2	1	4	3	10.6	+0.4	24.6	33	−2	21	−1	73	0	—	17
Fayum	00	8	32	3	0	0	—	10.2	−0.6	24.7	34	−2	20	0	64	0	13	8
Minya	00	8	32	3	1	0	—	9.9	−0.2	24.8	35	−1	20	0	65	0	dr.	
	00	7	30	1	0	0	—	9.0	−0.9	26.0	35	−2	20	−2	42	0	0	4
Nag Hamadi	00	8	00	0	0	0	—	7.1	−1.4	27.0	36		22		44	0	1	
	00	8	22	2	0	0	—	6.3	−1.7	27.2	40	−1	21	−2	38	0	13	
	00	7	14	2	0	0	—	7.0	−1.3	32.0	40	−1	20	−2	30	0	0	
	00	9	22	1	0	0	—	5.6	−2.6	29.0	41	−1	23	−3	29	0	dr.	—
	00	7	00	0	0	0	—	14.6	+1.4	22.7	26	−2	17	−3	70	0	5	8
	00	9	00	0	0	0	—	13.6	+2.0	28.0	39	+3	20	+1	51	0	0	7
	00	9	32	2	0	0	—	9.0	0.0	27.5	38	−3	18	−5	34	0	1	
	00	8	02	1	0	0	—	11.2	+0.6	26.2	35	−4	21	−2	58	0	0	
	00	7	28	4	0	0	—	6.0	−1.8	26.2	30	−3	24	0	68	0	0	13
	00	8	30	4	0	0	—	6.3	−1.8	27.8	32	−2	23	0	35	0	1	3
	00	8	32	3	0	0	—	5.5	−2.2	29.0	32	−1	25	−1	47	0	11	4
	02	8	30	1	1	6	1	5		33					56	0	25	97
	00	8	04	2	0	1	1,2	7		28					25	0	tr.	
	00	8	30	3	0	3	1	7		31					17	0	7	2
	00	8	26	2	1	3	1	5		34					12	0	8	8
Khartûm	00	8	20	2	1	0	—	8		31					29	0	8	13
Kassala	01	8	14	3	1	4	4,3	9		26					62	2	35	42
Wad Medani	01	9	16	5	1	3	3	9		30					49	0	41	48
Renk																	—	144
Roseires	01	8	04	3	1	4	8	—		24					74	0	272	199
El Obeid	01	7	20	4	1	3	1	9		28					52	0	79	60
El Fasher	02	8	12	3	1	6	4,5	—		26					70	0	48	26
Geneina	00	8	20	2	1	3	1	—		26	—		—		58	—	—	62
Kadugli	00	8	20	2	0	3	1	10		28	—		—		58		—	266
Malakâl	02	8	14	1	1	8	4,5	10		26					79	7	287	288
Wau	01	8	00	0	1	4	4	12		23					84	43	246	487
Juba	01	8	16	1	1	3	4	13		24					89	0	650	569

PRESENT WEATHER ww: Clear 00; Partly cloudy 01; Cloudy 02; Overcast 03

Upper Winds are in the Code HHDDVV where HH is Height 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 7 h.	Mariut 6 h. 30 m.	Port Saîd 6 30	Helwân 9	Minya 6 30	Asyût 7	Luxor 7	Aswân 7	Wadi Halfa 7 15	Abu Hamad 7 15	Kareima 7 15	7
03 32 35	03 32 30	03 33 15	02 32 15	03 36 40	02 32 15	03 02 30	02 33 05	09 35 35	09 04 20	09 36 25	09 32 15
06 34 45	06 33 20	06 34 15	05 32 10	06 02 55	05 25 30	06 30 45	05 01 10	15 27 25	15 30 10	15 29 10	
09 36 40	09 33 20	09 32 15	08 03 25	09 02 50	10 36 50		10 30 10	21 21 40	21 28 20	21 24 35	
15 36 50	15 32 25	15 35 20	10 03 40	15 01 40	15 01 45		15 23 20	27 19 50		24 22 30	
21 01 35	21 34 20	21 33 30	15 01 40	21 35 30			20 24 45			30 19 35	
30 36 35	27 34 30		20 02 30	30 30 20							
42 28 35	30 34 25		23 35 30	45 01 05							
	36 34 30		25 35 25								
	45 01 40		30 36 25								

Kassala 6 45	Port Sûdân 7 15	El Obeid 7	El Fasher	Geneina 7	Malakal 7
09 20 50	09 26 05	09 23 50		09 22 05	09 21 25
15 25 35	15 23 30	15 23 15		15 23 10	15 23 10
21 24 25	21 25 30	21 36 10		21 26 15	21 16 05
27 23 40	27 26 15	27 36 15		27 08 10	27 07 05
		33 04 10		33 04 15	
		39 09 05		39 05 15	

UPPER AIR TEMP. Almaza at 03 h. G.M.T. on 22nd

Height feet	PPP		
Surface	1002	72	67
500	984	68	66
	966	68	63
	949	71	55
	932	70	54
	862	60	48
	803	60	38
	744	60	36
	689	53	31
	637	44	29
	589	37	29
	543	29	24

WIND FORCE: Calm; Almost calm; Very light; Light; Moderate; Fresh; Strong; Very strong; Gale; Strong gale; Whole gale; Storm

22nd

34850 00971 32301 08271 20501 00190
34700 00990 16200 07281 40902 00190

SUBSCRIPTION ...

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise h. 04 m. 54
Sunset h. 19 m. 00

Month June 1946 — شهر يونيه ١٩٤٦

At 14h. on Saturday 22nd (الساعة ١٤ يوم ٢٢) and At 20h. on 22nd (الساعة ٢٠ يوم السبت 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)	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.	Temp. °C	% Humidity	Rain 14-20 h. mms	Station number
SALÛM																							130
MATRÛH	00	9	32	3	0	0	—	11.2	26.0	55	0	00	8	24	4	0	0	—	11.2	24.3	69	0	131
MARIUT	00	8	27	3	0	0	—	9	27	58	0	00	8	29	3	1	0	—	8	24	74	0	150
ALEXANDRIA	01	9	30	4	2	4	4	9.6	28.3	72	0	00	5	02	3	0	0	—	9.6	23.4	80	0	132
DAMIETTA	00	8	28	4	0	0	—	8.0	27.0	74	0	00	8	30	2	0	0	—	8.2	24.0	93	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	8.6	28.7	68	0	00	8	30	2	0	0	—	8.3	24.2	80	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	8.4	28.1	44	0	00	9	28	2	0	0	—	7.9	24.8	69	0	135
DAMANHÛR	00	7	32	4	0	0	—	9.1	31.6	44	0	00	7	04	3	0	0	—	9.9	21.4	72	0	136
MANSÛRA	00	8	28	1	0	0	—	8.0	32.2	29	0	00	6	28	1	0	0	—	8.4	25.5	54	0	137
TANTA	00	8	28	2	0	0	—	8.7	33.0	39	0	00	8	28	2	0	0	—	9.0	25.4	63	0	138
ZAGAZIG	00	6	30	1	0	0	—	7.8	33.2	30	0	00	6	32	1	0	0	—	9.5	26.6	51	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	—	34.6	30	0	00	7	02	2	0	0	—	—	27.6	64	0	—
CAIRO ALMAZA	00	8	04	2	0	0	—	7.4	33.0	24	0	00	7	03	3	0	0	—	7.8	29.2	45	0	141
EZBEKÎYA	00	8	30	2	0	0	—	7.9	32.8	30	0	00	7	28	2	0	0	—	8.0	28.5	40	0	—
GÎZA	00	8	30	1	0	0	—	8.2	33.8	27	0	00	7	30	1	0	0	—	7.6	29.1	36	0	—
HELWÂN	00	7	02	2	0	0	—	7.4	32.1	24	0	00	7	30	3	0	0	—	7.2	30.0	30	0	143
SUEZ	00	9	02	2	0	0	—	8.0	32.0	28	0	00	9	28	2	0	0	—	8.7	27.4	34	0	144
FAIYÛM	00	8	32	3	0	0	—	7.4	32.8	26	0	00	8	32	1	0	0	—	7.2	29.1	32	0	153
MINYA	00	8	02	4	0	0	—	7.6	34.3	21	0	00	9	32	2	0	0	—	7.2	30.0	28	0	154
ASYÛT	00	8	30	2	0	0	—	7.0	33.5	24	0	00	6	28	1	0	0	—	6.8	29.4	27	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	5.4	33.7	26	0	00	8	24	1	0	0	—	5.1	29.4	30	0	164
QENA	00	9	22	2	0	0	—	4.7	38.8	17	0	00	6	22	2	0	0	—	5.1	30.8	29	0	156
LUXOR	00	7	04	1	0	0	—	5.4	40.0	18	0	00	6	26	2	0	0	—	5.4	33.0	21	0	157
ASWÂN	00	9	16	1	0	0	—	3.4	38.9	11	0	00	9	02	0	0	0	—	3.6	37.0	10	0	158
SÎWA	00	8	00	0	0	0	—	13.0	34.0	40	0	00	4	00	0	0	0	—	11.6	32.4	52	0	148
BAHARÎYA	00	9	00	0	0	0	—	—	37.6	29	0	00	4	32	1	0	0	—	11.1	—	—	0	149
KHARGA	00	9	32	2	0	0	—	8.0	35.3	17	0	00	9	32	2	0	0	—	9.5	30.4	26	0	151
DAKHLA	00	9	32	3	0	0	—	9.0	33.6	34	0	00	7	28	2	0	0	—	9.4	27.2	36	0	152
TÔR	00	7	28	4	0	0	—	5.4	28.5	54	0	00	7	28	4	0	0	—	3.8	30.6	71	0	145
HURGHADA	00	8	02	4	0	0	—	6.7	30.2	42	0	00	8	28	4	0	0	—	6.3	28.9	45	0	146
QUSEIR	00	8	32	2	0	0	—	5.0	30.4	51	0	00	8	28	1	0	0	—	5.4	27.0	63	0	147
PORT SUDÂN	00	8	04	3	1	0	—	3	32	66													208
[illegible]	00	8	32	2	0	0	—	5	37	12													[illegible]
[illegible]	00	8	25	1	0	0	—	5	40	08													[illegible]
[illegible]	00	8	22	3	0	3	1	2	42	02													[illegible]
[illegible]	00	8	22	1	0	1	1	5	40	10													209
KASSALA	01	8	20	2	1	4	4,8	5	33	36													170
WAD MEDANI	01	8	18	4	1	4	8	4	38	21													171
RENK																							182
ROSEIRES	00	8	14	1	0	0	—	8	22	—													172
EL OBEID	02	9	24	1	1	8	1,8	4	36	19													174
EL FASHER	02	9	16	2	1	6	2,4,8	—	33	41													175
GENEINA	01	8	16	3	1	5	1,8	—	33	32													179
KADUGLI	02	8	20	3	1	6	9	7	33	50													187
MALAKAL	01	8	24	2	1	5	4,8	7	31	55													176
WAU	01	8	20	1	1	4	4,9	7	31	55													177
JUBA	61	8	14	2	1	5	9	8	29	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.

22nd

MATRÛH	WADI HALFA	KAREIMA	KHARTOUM	KASSALA	EL OBEID	MALAKAL	JUBA
13 45	13 15	11 30	13	12 30	12 30	13	13
03 33 50	09 31 05	09 34 05	09 24 15	09 22 30	09 22 20	09 26 15	09 17 05
06 34 45	15 29 15	15 31 20	15 28 15	15 24 35	15 26 15	15 25 15	15 15 10
09 35 35	21 26 40	21 25 30	21 29 20	21 25 30	21 29 05		21 14 25
12 35 45	27 18 20	27 22 40	24 28 20	27 26 20	27 31 20		27 18 25
15 34 35							
18 33 25							

[illegible] Standard time [illegible] 30 E and are two hours [illegible] Greenwich mean time.

	22nd		22nd	
	74	+1	21.8	+0.1
	54	−1	20.4	−0.8
	51	−4	20.1	−0.4
	45	+2	19.1	+0.1

23rd 19.5°

23 - 6 1701 1620
22 - 6 1701 1620

23rd 25.3°

23 — 6

Gauge	Reading	Diff. from normal	Previous day Reading	Diff. from normal
			1334	−0.16
			8.22	0.00
	10.70	−0.25	10.66	−0.26
			371.29	
			371.24	−0.15
	14.24	+0.81	13.35	−0.05
			6.70	
			11.24	+0.09
			12.00	+0.76
			10.80	+0.34
			131.33	−1.05
	110.94		111.38	
	86.41	−0.01	86.42	+0.01
	16.42	+0.87	16.42	+0.87

At 8h. on Sunday 23rd (الساعة ٨ يوم الاحد 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.	Diff. from normal mbs.	Dry Bulb °C	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
SALÛM																		94
MATRÛH	00	9	28	4	0	0	—	9.9	−2.2	25.0	27	0	23	+3	71	0	101	161
MARIUT	00	8	31	2	1	1	6	9	—	25	28	—	21	—	70	0	187	158
ALEXANDRIA	01	9	04	1	1	4	4	8.8	−3.0	24.8	28	−1	22	+1	74	0	170	186
DAMIETTA	00	8	30	2	0	0	—	7.5	−3.1	26.0	28	—	21		79	0	81	106
PORT SA'ÎD	00	8	30	2	0	0	—	7.6	−2.8	26.0	29	−1	23	+2	64	0	71	81
EL 'ARÎSH	00	9	24	2	0	0	—	7.5	−3.1	27.2	29	0	19	+1	67	0		74
DAMANHÛR	00	6	28	3	0	0	—	8.6	−2.3	25.3	32	0	19	0	69	0	92	101
MANSÛRA	00	8	02	2	0	0	—	8.4	−2.6	26.0	34	0	20	+1	66	0	66	55
TANTA	01	8	24	3	1	3	8	9.1	−2.0	24.3	33	−2	18	0	75	0	107	44
ZAGAZIG	01	6	28	1	1	4	8	8.6	−2.5	26.6	34	−1	19	+1	66	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	0	—	—	—	24.7	36	—	20	—	77	0	86	
CAIRO ALMAZA	05	6	28	2	2	4	8	8.1	−3.0	23.7	35	—	22		77	0	10	—
EZBEKÎYA	01	6	24	1	1	4	8	8.4	−2.7	26.0	34	−1	22	+2	68	0	22	26
GÎZA	01	7	30	2	1	4	8	8.6	−2.6	24.8	34	−1	21	+3	72	0	41	27
HELWÂN	00	7	30	2	0	3	8	8.4	−2.6	23.9	33	−2	21	+1	66	0	20	29
SUEZ	00	9	32	2	0	3	2	8.8	−1.3	25.0	34	−1	21	−1	60	0	—	17
FAIYÛM	01	8	32	3	1	3	8	8.8	−1.9	24.5	34	−2	20	0	67	0	13	8
MINYA	00	9	32	2	0	0	—	8.8	−1.2	22.8	35	−1	20	0	72	0	tr	
ASYÛT	00	7	28	1	0	0	—	8.6	−1.2	25.1	35	−2	20	−2	68	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.5	−1.0	27.7	36	—	19	—	47	0	1	—
QENA	00	8	26	2	0	0	—	6.3	−1.6	27.6	40	−1	22	−1	41	0	13	
LUXOR	00	7	02	2	0	0	—	6.8	−1.4	32.5	41	0	20	−2	27	0	0	
ASWÂN	00	9	30	2	0	0	—	5.9	−2.2	28.8	41	0	25	−1	24	0	tr	—
SÎWA	00	7	00	0	0	0	—	13.0	−0.2	24.0	36	−2	18	−2	67	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	11.6	+0.1	27.0	39	+3	20	+1	53	0	0	7
KHARGA	00	9	32	1	0	0	—	9.2	+0.3	26.4	36	−3	22	−1	50	0	1	
DAKHLA	00	8	28	2	0	0	—	10.2	−0.3	25.8	35	−4	22	−1	56	0	0	
TÔR	00	7	28	3	0	0	—	—	—	27.9	30	−3	22	−2	69	0	0	13
HURGHADA	00	8	30	4	0	0	—	8.7	+0.7	28.7	32	−2	24	0	37	0	1	3
QUSEIR	00	8	32	2	0	0	—	5.4	−2.2	30.0	32	−1	24	−2	51	0	11	4
PORT SUDÂN	00	8	04	3	0	0	—	4		34					41	0	25	97
[illegible]	00	8	00	0	0	0	—	8		27					33	0	tr	
[illegible]	00	8						8		30					18	0	7	2
[illegible]	00	8	04	2	1	0	—	7		32					17	0	8	8
[illegible]	00	8	00	0	0	0	—	8		30					—	0	8	14
KASSALA	00	8	16	2	0	0	—	9		29					52	0	35	43
WAD MEDANI	00	9	18	4	0	3	3	9		31					46	0	41	49
RENK																		147
ROSEIRES	02	8	13	1	1	5	5,7	9		27					66	0	272	204
EL OBEID	02	9	18	3	1	5	4,8	9		28					52	0	79	61
EL FASHER	02	9	32	3	1	6	2,6			28					66	0	48	27
GENEINA																	—	64
KADUGLI	02	8	20	4	1	6	5	11		26					70			270
MALAKAL	01	8	20	2	1	4	4	11		26					74	0	287	293
WAU	02	8	00	0	1	8	5,4	12		23					57	6	252	493
JUBA	02	8	18	1	6	7	4,6	13		23					94	14	664	574

Upper Winds are in the Code HHDDVV where HH is Height above 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	WADI HALFA	ABU HAMAD	KAREIMA	KHARTOUM
6 30	6 45	6 15	10 15	6 45	7		7				7
03 34 35	03 34 20	03 33 15	00 30 15	03 35 30	02 33 15		02 36 10		09 31 33		09 34 20
06 35 30	09 34 40	06 35 15	02 31 15	06 02 10	05 35 15		05 01 25		21 24 20		15 33 20
09 01 30	15 35 35	09 35 15	05 33 25	09 30 20	10 31 25		10 03 20				21 30 15
15 01 40	21 35 35	12 32 10	08 35 15	12 32 30	15 36 25		15 26 15				24 28 20
21 36 40	24 36 20	15 29 15	10 08 10	15 36 30			20 21 15				27 23 20
27 36 50	27 34 40	18 28 30	15 35 25	18 30 30			25 21 45				30 21 20
30 35 40	36 34 50		20 33 20				30 20 45				
45 33 30	42 33 45		23 35 20								
	48 33 60		25 33 35								

KASSALA	PORT SUDÂN	EL OBEID	EL FASHER	GENEINA	MALAKAL
6 45		7			7 15
09 33 50		09 25 20			09 23 40
15 24 40		15 26 20			15 21 20
21 27 35		21 28 15			21 22 15
33 35 15		27 30 15			27 20 10
					33 08 15

UPPER AIR TEMP. ALMAZA at 24 [illegible] on 23rd

Height			
Surface	999	73	64
[illegible]	981	70	66
[illegible]	963	67	66
[illegible]	946	66	65
[illegible]	922	67	58
[illegible]	863	61	55
[illegible]	800	60	43
[illegible]	742	57	37
[illegible]	687	55	32
[illegible]	636	48	27
[illegible]	587	40	26
[illegible]	542	30	23

23rd
34800 00990 26400 07270 70201 00200
34700 00990 12100 05271 XXXXX 00XXX

WIND FORCE (F)

Calm	[illegible]
Almost calm	[illegible] 6
Very light	[illegible]
Light	[illegible] 18
Moderate	[illegible]-26
[illegible]	[illegible] 35
Strong	[illegible]-44
Very strong	[illegible]
Gale	[illegible]
[illegible]	[illegible]

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light [illegible]	08
Distant Fog	09
Rain in sight	10
Thunder no rain	11
Distant Duststorm	[illegible]
Squally	14
Slight Duststorm	[illegible]
Rain in past hour	20-29
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	30-34
Fog or Thick Haze	[illegible]
[illegible] Fog in last hour	[illegible]
Thick [illegible]	[illegible]
[illegible]	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Rain and Fog	[illegible]
Rain and Snow	[illegible]
Snow	[illegible]
Showers	[illegible]
[illegible] Snow	84
[illegible] of Sleet	86
[illegible] of Hail	89
Thunderstorm	[illegible]

VISIBILITY (V): Objects [illegible] visible at [illegible] Kilometre; Visible over [illegible]

CLOUD AMOUNT (N): Clear; Trace; 1 Tenth; 3 Tenths; [illegible]; Overcast; Fog or Dust

CLOUD FORM (C): Cirrus; Cirro-stratus; Cirro-cumulus; Strato-cumulus; Stratus; [illegible]

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise h. m. 04 55
Sunset 19 00

Month JUNE 1946 — شهر يونيه ١٩٤٦

SUNDAY 23rd — الأحد ٢٣

STATION	At 14h on SUNDAY 23rd: Present weather (ww)	Visibility (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 23rd: Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20h mms	Station number
Salum																							130
Matruh	00	9	28	3	0	0	—	10.4	26.4	66	0	00	8	28	4	0	0	—	11.8	24.5	68	0	131
Mariut	00	8	29	3	0	0	—	9	27	66	0	00	8	30	2	0	0	—	10	24	79	0	150
Alexandria	00	9	28	1	0	0	—	9.2	27.6	62	0	00	6	04	2	0	0	—	10.8	24.0	77	0	132
Damietta	00	8	30	3	0	0	—	7.5	28.1	61	0	00	7	28	3	0	0	—	8.8	24.8	93	0	159
Port Said	00	8	30	3	0	0	—	7.6	29.9	62	0	00	8	30	2	0	0	—	8.8	24.9	83	0	134
El Arish	00	9	28	3	0	0	—	7.4	27.8	60	0	00	9	28	2	0	0	—	8.2	24.9	81	0	135
Damanhur	00	6	04	4	0	0	—	8.0	31.2	43	0	00	7	04	3	0	0	—	9.4	24.2	74	0	136
Mansura	01	8	04	1	1	3	8	7.4	33.2	31	0	00	6	02	2	0	0	—	9.0	25.8	63	0	137
Tanta	00	8	32	2	0	0	—	8.2	32.9	31	0	00	8	32	1	0	0	—	9.8	26.6	63		138
Zagazig	00	6	28	3	0	0	—	7.4	32.4	28	0	00	6	30	2	0	0	—	9.2	27.2	49	0	139
Shebin el Kom	00	8	30	3	0	0	—	—	33.6	36	0	00	7	30	2	0	0	—	9.4	28.6	57	0	—
Almaza	00	8	04	3	0	0	—	7.8	32.0	29	0	00	7	02	3	0	0	—	8.6	28.8	36	0	141
Ezbekiya	05	7	02	1	0	0	—	7.0	32.3	30	0	00	7	32	2	0	0	—	8.4	28.5	40	0	—
Giza	00	8	04	2	0	0	—	7.4	32.6	29	0	00	7	04	2	0	0	—	8.2	29.2	34	0	—
Helwan	00	7	32	2	0	0	—	6.7	34.9	27	0	00	6	32	4	0	0	—	8.0	29.1	31	0	143
Suez	00	9	32	2	0	0	—	7.5	32.3	22	0	00	9	32	2	0	0	—	8.6	28.4	40	0	144
Faiyum	00	8	32	3	0	0	—	6.8	32.0	28	0	00	8	32	2	0	0	—	8.0	30.0	32	0	153
Minya	00	9	32	2	0	0	—	7.2	33.4	28	0	00	9	32	2	0	0	—	8.2	29.8	34	0	154
Asyut	00	7	28	2	0	0	—	7.0	33.1	30	0	00	6	28	1	0	0	—	7.8	29.3	38	0	155
Nag Hamadi	00	8	00	0	0	0	—	5.4	34.7	24	0	00	8	00	0	0	0	—	6.0	28.7	42	0	164
Qena	00	9	22	2	0	0	—	4.9	38.4	19	0	00	6	26	2	0	0	—	4.0	33.0	25	0	156
Luxor	00	7	26	2	0	0	—	4.7	38.5	16	0	00	6	26	3	0	0	—	4.3	33.0	30	0	157
Aswan	00	9	32	2	0	0	—	3.9	38.4	07	0	00	9	32	2	0	0	—	4.4	36.5	18	0	158
Siwa	00	8	28	4	0	0	—	12.0	36.0	38	0	00		04	4	0	0	—	11.2	32.0	28	0	148
Bahariya												00		08	1	0	0	—	11.1	27.0	56	0	149
Kharga	00	9	32	1	0	0	—	7.8	35.0	19	0	00	9	32	1	0	0	—	8.2	30.4	33	0	151
Dakhla	00	8	32	4	0	0	—	8.7	33.3	32	0	00	7	28	2	0	0	—	9.9	26.2	36	0	152
Tor	00	7	28	4	0	0	—	6.7	29.5	64	0	00	7	28	4	0	0	—	6.8	30.1	65	0	145
Hurghada	00	8	02	3	0	0	—	6.7	30.6	46	0	00	8	28	3	0	0	—	6.4	29.1	48	0	146
Quseir	00	8	32	1	0	0	—	4.8	31.4	48	0	00	8	32	1	0	0	—	5.1	29.2	48	0	14[illegible]
Port Sudan	00	8	04	3	1	3	1	3	33	48													208
[illegible]	00	8	28	3	0	1	1	6	37	11													
[illegible]ma	00	9	24	3	0	0	—	5	38	06													
[illegible]	00	8	24	3	0	0	—	3	40	49													
[illegible]toum	00	8	24	1	0	1	4	5	39	10													207
Kassala	01	8	18	2	1	4	8	4	38	25													[illegible]0
Wad Medani	01	8	18	4	0	5	8	3	39	34													177
Renk																							182
Roseires	01	8	20	3	1	5	8	8	33	47													172
El Obeid	28	8	20	4	9	8	8,5	9	32	34													174
El Fasher	02	8	18	4	1	8	8	—	30	50													175
Geneina	10	8	18	3	0	5	9	—	32	36													179
Kadugli	01	8	10	4	1	4	9	9	30	33													187
Malakal	01	8	29	3	1	4	9,4	8	33	50													176
Wau	02	8	24	1	1	5	8,4	9	31	52													177
Juba	02	8	12	2	1	7	8	10	30	59													178

MONDAY 24th — الاثنين ٢٤

STATION	At 8h on MONDAY 24th: Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum yesterday °C	Diff. from norm	Minimum today °C	Diff. from norm °C	% Humidity	Rainfall past 24 hrs mms	Rainfall [illegible] mms	Rainfall Norm[illegible] mms
Salûm											—		—					99
Matrûh	00	9	28	4	0	0	—	13.2	+1.2	24.5	27	0	20	0	80	0	101	161
Mariut	00	8	30	1	0	0	—	11		27	28	—	23	—	55	0	187	138
Alexandria	00	9	04	2	0	0	—	12.2	+0.5	26.0	29	0	22	+1	67	0	170	186
Damietta	00	8	32	2	0	0	—	10.8	+0.3	26.8	30	—	24		67	0	81	106
Port Sa'îd	00	8	32	2	0	0	—	10.4	+0.1	26.8	30	0	23	+2	73	0	71	81
El 'Arîsh	01	9	26	1	1	4	8	10.2	−0.2	26.7	29	0	20	+2	72	0		94
Damanhûr	00	7	08	3	0	0	—	11.0	+0.2	27.0	32	0	19	0	61	0	92	101
Mansûra	00	8	32	2	0	0	—	11.1	+0.2	27.0	34	0	21	+2	68	0	66	55
Tanta	00	8	28	1	0	0	—	11.8	+0.8	26.4	33	−2	18	0	71	0	107	44
Zagazig	00	6	28	1	0	2	1	11.4	+0.4	28.2	34	−1	19	+1	71	0	24	27
Shebîn el Kôm	00	8	30	2	0	0	—	10.6	−0.6	26.3	35	—	19	—	70	0	36	
Cairo: Almaza	05	6	04	1	1	4	6	10.9	−0.1	24.8	34	—	21	—	76	0	10	—
Cairo: Ezbekîya	01	6	32	1	1	4	8	11.2	+0.2	26.4	34	−1	21	+1	71	0	22	26
Cairo: Gîza	01	6	28	2	1	5	8	11.4	+0.3	24.9	33	−2	20	+2	76	0	41	27
Helwân	05	6	30	2	1	4	8	11.2	+0.3	23.7	33	−2	20	0	73	0	20	29
Suez	01	9	32	2	1	4	3	11.2	+1.2	26.0	34	−1	22	0	67	0		17
Faiyûm	00	8	02	2	0	2	8	11.4	+0.7	25.3	34	−2	21	+1	64	0	13	8
Minya	00	9	32	3	0	0	—	10.7	+0.8	26.6	35	−1	21	+1	61	0	dr.	
Asyût	00	7	28	2	0	0	—	9.8	+0.1	27.1	35	−2	22	0	49	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	9.0	+0.6	27.8	35	—	19	—	46	0	1	
Qena	00	8	22	2	0	0	—	7.9	0.0	28.2	40	−1	22	−2	43	0	13	
Luxor	00	7	26	2	0	0	—	8.4	+0.2	32.5	41	[illegible]	22	[illegible]	31	0	0	
Aswân	00	9	00	0	0	0	—	8.2	+0.2	29.4	40	−2	24	−2	28	0	dr.	—
Sîwa	00	7	00	0	0	0	—	14.7	+1.6	23.6	37	−1	18	−2	70	0	5	8
Baharîya	00	9	00	0	0	0	—	13.0	+1.6	26.0	38	+2	19	0	55	0	0	7
Khârga	00	9	32	1	0	0	—	10.0	+1.2	28.5	36	−3	24	+1	37	0	1	
Dâkhla	00	8	28	2	0	0	—	11.9	+1.5	25.8	34	−5	24	+1	56	0	0	
Tôr	00	7	28	2	0	0	—	7.4	−0.2	27.6	30	−3	23	−1	77	0	0	13
Hurghâda	00	8	30	4	0	0	—	—	—	27.6	31	−3	22	−2	47	0	1	3
Quseir	00	8	32	2	0	0	—	6.7	−0.9	28.8	32	−1	25	−1	52	0	11	4
Port Sûdân	00	8	12	3	1	2	1	7		35					44	10	35	97
[illegible]	00	8	00	0	0	2	1	9		27					28	0	tr.	
[illegible]ma	01	8	08	2	0	4	2	10		31					12	0	7	2
[illegible]ya	01	8	20	1	1	5	1	9		31					19	0	8	8
[illegible]tûm	02	8	20	4	2	5	1	10		30					49	0	8	14
Kassala	01	8	16	3	1	4	1	11		28					58	0	35	44
Wad Medani	02	9	18	5	1	5	2	10		30					49	0	41	50
Renk																—		150
Roseires	02	8	12	2	1	8	7,5	14		23					94	5	277	209
El Obeid	02	9	12	2	1	6	6,4	11		27					52	tr.	79	63
El Fasher	02	9	14	3	1	5	4	—	—	26					79	0	48	28
Geneina	00	8	02	2	2	1	4	—	—	23	—		—			—	—	66
Kadugli	02	8	20	2	1	6	8	13		24	—		—			—		275
Malakal	02	8	14	1	1	6	4,5	13		24					89	31	318	298
Wau	01	8	00	0	1	4	4	14		25					84	0	252	499
Juba	02	8	04	1	1	7	8,4	15		23					94	0	664	579

PRESENT WEATHER 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	[illegible]
Distant Duststorm	[illegible]
Squally	[illegible]
Slight Duststorm	[illegible]
Rain in past hour	20-25
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	30-[illegible]
Fog or Thick Haze	[illegible]
Mist Fog in past hour	[illegible]

Upper Winds

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

23rd ٢٣

Almaza … Minya … Luxor … Hurghada … Khartoum … Kassala … El Obeid … Malakal … Juba

13 — 13 — 13 — 12 30 — 12 15 — 13 15 — 13 — 13 — 13 45

03 35 35 — 03 32 10 03 25 10 — 09 26 55 09 28 [illegible] 09 30 25 09 22 25 09 24 40 — 09 18 05
06 36 35 06 34 35 — 06 33 15 06 27 15 — 15 25 40 15 33 60 15 29 25 15 18 45 15 28 30 — 15 21 10
09 35 35 09 34 35 — 09 34 20 09 36 05 — 21 23 35 21 35 40 21 29 20 21 24 15 18 28 20 — 21 26 10
15 34 30 12 34 35 — 15 33 30 15 27 05 — 24 22 35 24 33 50 24 30 35 — 27 31 20 — 27 31 05
21 35 35 18 01 30 — 21 32 20 18 27 10 — 30 22 30 33 29 20 27 31 25 — 33 33 30 — 33 15 05
30 34 25 21 36 40 — 21 26 15 — 39 23 15 39 30 15 — 39 33 20 — 39 15 15
24 01 48 — 24 22 15
30 28 15
33 27 20

24th ٢٤

MATRÛH	MARIUT	PORT SA'ÎD	HELWAN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTOUM
6 30 m.	6 45 m.	6 45 m.	9	7	7	6 45 m.	7	7 15	7		7

02 30 20 03 35 25 02 04 20 02 36 20 03 01 25 02 01 25 02 34 05 02 33 10 09 35 35 09 32 30 — 09 23 20
06 30 30 06 02 25 06 02 25 05 36 55 06 02 50 05 02 26 06 01 15 05 36 25 15 30 15 15 28 30 — 15 01 10
✓ 09 02 20 09 35 18 08 01 45 09 02 35 10 36 25 09 36 15 10 02 20 21 30 20 21 23 35 — 21 32 15
12 02 20 12 01 20 10 01 15 12 02 45 15 34 20 12 34 10 15 25 15 27 33 10 27 21 40 — 24 34 35
15 36 15 15 01 15 15 02 65 15 02 30 15 22 15 20 23 40 33 30 30 — 30 35 20
18 02 20 18 02 15 20 07 25 18 36 25 18 21 20 25 23 10 39 35 15 — 39 21 15
21 02 15 21 03 25 23 04 40 21 01 25 21 21 30 30 27 10
24 01 15 24 02 30 24 01 35 24 27 05
27 01 40 27 03 25 27 01 45 27 32 05

KASSALA	PORT SÛDÂN	EL OBEID	EL FASHER	GENEINA	MALAKAL
6 45 m.		6 45 m.		7	

09 20 45 — 09 25 25 — 09 24 [illegible] 09 23 15
15 24 40 — 15 31 35 — 15 23 1[illegible] 15 29 15
21 23 40 — 21 35 20 — 21 31 05 21 28 10
27 25 50 — 24 03 15 — 27 33 10 27 27 15
33 36 75 — 33 01 20 33 10 —
39 01 30 — 39 04 20 39 07 20

Upper Air Temp.

ALMAZA at 23 … on 23rd

Height	P		
Surface	1000	72	67
[illegible]00	982	70	66
[illegible]00	964	69	64
[illegible]00	947	72	56
[illegible]0	930	70	55
[illegible]00	864	62	50
[illegible]	801	56	43
[illegible]	743	57	36
[illegible]	688	53	31
[illegible]	636	48	27
[illegible]	588	40	26
[illegible]	542	31	23

24th
34700 00990 16100 08311 40300 00180
34800 00990 32200 09291 10101 00200

Wind Force (F)

Calm; Almost calm; Very light; Light; Moderate; …; Strong 36-44; Very strong; Gale; Strong gale; …

Cloud Form (C)

Cirrus; Cirro-stratus; Cirro-cumulus; Alto cumulus; Alto stratus; …

Other observations

	23rd		23rd	
	72	−1	21.7	−0
	52	−4	20.4	−0.3
	50	−5	20.4	−0.1
	45	+2	19.2	+0.2

24th 16.7°

24th 25.4°

24-6	1736	1620
23-6	1701	1620

Gauge 24-6-46

Reading	Diff. from normal	Previous reading	Diff. from
		8.26	0.00
10.76	−0.21	10.70	−0.25
		371.34	—
		371.28	−0.14
13.68	+0.21	14.24	+0.81
		6.78	—
11.20	−0.02	11.21	+0.03
		12.50	+1.23
11.04	+0.52	10.90	+0.41
131.93	−0.52	131.61	−0.80
110.50	—	110.94	—
86.45	+0.02	86.41	−0.01
16.42	+0.87	16.42	+0.87

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

DAILY WEATHER REPORT

Time of Sunrise 04 h. 55 m. Sunset 19 h. 00 m.

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 14h. on MONDAY 24th (الساعة ١٤ يوم الاثنين ٢٤) / At 20h. on 24th (الساعة ٢٠ يوم الاثنين 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	32	3	0	0	—	13.4	26.3	74	0	00	8	28	3	0	0	—	14.2	24.5	63	0	131
Mariut	00	8	28	3	0	0	—	12	27	70	0	00	7	28	3	0	3	6	11	24	79	0	150
Alexandria	00	9	28	3	0	0	—	12.0	28.0	68	0	00	5	30	3	0	0	—	12.2	24.6	77	0	132
Damietta	00	8	28	3	0	0	—	10.4	29.0	49	0	00	8	28	2	1	2	8	10.3	24.2	90	0	159
Port Saîd	00	8	30	3	0	0	—	10.6	30.4	53	0	00	8	30	2	0	0	—	10.8	24.7	83	0	134
El 'Arîsh	00	9	28	3	0	0	—	9.5	28.2	64	0	00	9	28	3	0	0	—	9.8	25.3	81	0	135
Lower Egypt																							
Damanhûr	00	7	04	4	0	0	—	10.7	30.8	48	0	00	7	32	2	0	0	—	10.8	24.0	68	0	136
Mansûra	00	8	04	2	0	0	—	9.9	34.0	27	0	00	6	02	1	0	0	—	10.8	25.6	71	0	137
Tanta	00	8	32	2	0	0	—	10.3	33.3	32	0	00	8	00	0	0	0	—	11.4	26.2	58	0	138
Zagazig	00	6	30	2	0	0	—	10.3	33.2	33	0	00	6	28	2	0	0	—	10.4	27.2	51	0	139
Shebîn el Kôm	00	8	02	3	0	0	—	11.4	34.1	30	0	00	7	30	2	0	0	—	11.8	28.0	61	0	—
Middle Egypt																							
Cairo Almaza	00	8	02	2	0	0	—	9.7	33.8	25	0	00	7	02	3	0	0	—	10.3	29.8	33	0	141
Cairo Ezbekîya	00	9	30	2	0	0	—	9.8	33.8	32	0	00	7	02	3	0	0	—	10.6	29.0	39	0	—
Cairo Gîza	00	8	02	2	0	0	—	9.9	33.7	28	0	00	7	32	2	0	0	—	10.0	29.4	39	0	—
Helwân	00	8	32	3	0	0	—	9.0	33.0	25	0	00	7	32	5	0	0	—	9.6	29.9	30	0	143
Suez	00	9	32	2	0	0	—	10.2	33.4	21	0	00	9	32	2	0	0	—	10.6	28.7	38	0	144
Upper Egypt																							
Faiyûm	00	8	02	3	0	0	—	9.1	34.2	21	0	00	8	32	2	0	0	—	9.4	30.8	31	0	153
Minya	00	9	32	3	0	0	—	9.4	35.0	30	0	00	9	32	2	0	0	—	9.0	30.7	33	0	154
Asyût	00	8	28	1	0	0	—	8.4	34.0	27	0	00	6	30	1	0	0	—	8.4	30.2	35	0	155
Nag Hamâdi	00	8	32	1	0	0	—	7.0	34.4	29	0	00	8	00	0	0	0	—	6.3	30.0	36	0	164
Qena	00	9	22	2	0	0	—	6.4	37.7	18	0	00	6	24	2	0	0	—	6.4	31.0	38	0	156
Luxor	00	7	26	2	0	0	—	6.3	39.2	17	0	00	6	26	3	0	0	—	6.3	33.5	26	0	157
Aswân	00	9	20	1	0	0	—	5.6	39.0	14	0	00	9	32	2	0	0	—	6.4	37.6	14	0	158
Western Desert																							
Sîwa	00	8	28	2	0	0	—	14.2	35.0	41	0	00	—	28	2	0	0	—	12.7	33.4	53	0	148
Baharîya	00	9	00	0	0	0	—	10.3	34.2	30	0	00	—	00	0	0	0	—	12.4	26.0	55	0	149
Khârga	00	9	32	1	0	0	—	9.4	35.0	19	0	00	9	32	1	0	0	—	9.4	33.8	?18	0	151
Dâkhla	00	8	28	4	0	0	—	10.4	33.0	34	0	00	7	28	2	0	0	—	11.4	26.6	36	0	152
Red Sea																							
Tôr	00	7	28	3	0	0	—	6.3	30.1	61	0	00	7	28	4	0	0	—	6.4	30.5	49	0	145
Hurghâda	00	8	04	2	0	0	—	5.6	30.7	37	0	00	8	28	2	0	0	—		29.4	32	0	146
Quseir	00	8	32	2	0	0	—	6.6	30.6	54	0	00	8	28	1	0	0	—	7.0	29.0	40	0	147
Port Sûdân	00	8	04	3	0	2	1	4	33	68													208
Nile																							
Wadi Halfa	00	8	32	3	0	2	1	7	37	09													165
Kareima	00	8	26	3	0	3	1	7	38	06													166
Atbara	01	8	22	2	1	4	2	5	40	08													167
Khartum	01	8	26	2	2	3	1	7	38	11													209
Kassala	01	8	20	2	1	5	8,4	5	36	31													170
Central Sudan																							
Wad Medani	02	8	26	2	1	5	8	6	34	29													171
Renk																							182
Roseires	02	8	06	1	2	7	5	10	31	52													172
El Obeid	02	9	04	1	1	7	6,4	6	35	25													174
El Fâsher	02	9	10	2	1	5	8,1	—	34	41													175
Geneina	01	8	18	3	1	4	8,4	—	33	36													179
Kadugli	02	8	20	3	1	6	1	9	33	47													187
Southern Sudan																							
Malakâl	01	8	00	0	1	4	8,4	10	31	59													176
Wâu	02	8	16	1	1	6	9,4	10	31	49													177
Juba	64	6	04	1	6	8	9	14	—	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 24th

Matrûh	Mariut	Port Saîd	Almaza	Minya	Luxor	Hurghada	Wadi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakal	Juba
12 h. 45 m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	11 h. m.	13 h. m.	13 h. 45 m.	13 h. m.	13 h. m.	h. m.
03 02 35							09 30 30	09 28 10	09 27 05	09 25 15	09 33 20	09 22 10	
06 36 25							15 30 35	15 26 30	15 27 10	15 25 15	15 34 35	15 21 10	
09 32 10							21 31 25	21 26 30	21 26 15	21 23 20	21 01 15	21 23 05	
15 35 15							27 32 20	27 26 30	24 25 15	27 21 10	27 06 10	27 32 05	
21 36 25													
45 35 —													

Times are [illegible] standard time (long. 30 E) and are [illegible] hours [illegible] Greenwich mean time

	24th		24th	
	70	-3	22.4	+0.5
	53	-3	21.5	+0.2
	55	0	21.1	+0.5
	49	+6	19.8	+0.7
	25th		18.6	

25th	1736	1620	
24th	1736	1620	25th

Gauge — 25th

Reading	Diff. from normal	Previous day Reading	Diff. from normal
		8.28	-0.04
10.77	-0.22	10.76	-0.21
		371.36	—
		371.29	-0.15
14.50	+0.96	13.68	+0.21
		6.85	—
		11.20	-0.02
		12.20	+0.86
		11.04	+0.52
132.16	-0.34	131.93	-0.52
110.08	—	110.50	—
86.45	0.00	86.45	+0.02
16.42	+0.86	16.42	+0.87

At 8h. on TUESDAY 25th (الساعة ٨ يوم الثلاثاء 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	Max. Diff. from norm.	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	3	0	0	—	12.7	+0.8	24.5	27	0	20	0	64	0	101	161
Mariut	00	8	26	2	0	1	8	11	—	26	28	—	22	—	66	0	187	138
Alexandria	01	9	28	2	1	3	4	11.8	+0.2	24.6	29	0	22	+1	74	0	170	186
Damietta	00	8	28	2	0	0	—	10.3	-0.1	26.2	30	—	23	—	72	0	81	106
Port Saîd	01	8	26	3	1	5	6	10.4	+0.2	26.3	31	+1	23	+1	74	0	71	81
El 'Arîsh	01	9	28	2	1	4	3	10.2	-0.1	27.8	31	+2	20	+1	73	0	—	94
Lower Egypt																		
Damanhûr	00	7	04	3	0	0	—	10.7	0.0	26.6	32	0	19	0	68	0	92	101
Mansûra	00	8	30	2	0	0	—	11.1	+0.3	26.2	35	0	21	+2	67	0	66	55
Tanta	00	8	28	2	0	0	—	11.5	+0.6	26.0	34	-1	18	0	69	0	107	44
Zagazig	00	6	28	2	0	0	—	10.7	-0.2	26.6	34	-1	21	+3	71	0	24	27
Shebîn el Kôm	00	8	02	2	0	0	—	11.0	-0.1	25.9	35	—	19	—	70	0	36	
Middle Egypt																		
Cairo Almaza	00	7	28	1	0	2	8	11.4	+0.5	24.4	36	—	22	—	72	0	10	—
Cairo Ezbekîya	00	7	32	1	0	1	8	11.5	+0.6	26.0	35	0	22	+2	62	0	22	26
Cairo Gîza	01	7	28	1	1	3	8	11.8	+0.8	25.3	34	-1	21	+3	71	0	41	27
Helwân	09	6	28	2	0	1	0	11.2	+0.4	23.8	34	-1	20	-1	76	0	20	29
Suez	00	9	32	1	0	0	—	11.8	+1.9	25.0	34	-1	21	-1	67	0	—	17
Upper Egypt																		
Faiyûm	00	8	30	2	0	0	—	11.5	+0.9	25.2	35	-1	21	+1	66	0	13	8
Minya	00	9	32	2	0	0	—	11.4	+1.6	25.8	36	0	21	+1	66	0	dr.	—
Asyût	00	7	22	1	0	0	—	10.6	+1.0	27.1	36	-1	22	0	52	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	9.4	+1.0	29.7	36	—	21	—	37	0	1	—
Qena	00	8	24	2	0	0	—	8.6	+0.8	28.3	40	-1	22	-2	44	0	13	
Luxor	00	7	12	1	0	0	—	8.7	+0.7	32.5	40	-1	22	0	29	0	0	
Aswân	00	9	30	1	0	0	—	7.9	-0.1	29.8	40	-2	24	-2	23	0	dr.	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	15.2	+2.1	25.2	37	-1	19	-1	70	0	5	8
Baharîya	00	9	00	0	0	0	—	13.5	+2.2	28.2	37	+1	20	+1	58	0	0	7
Khârga	00	9	32	1	0	0	—	11.2	+2.5	28.2	36	-3	24	+1	38	0	1	
Dâkhla	00	8	32	2	0	0	—	11.8	+1.4	27.3	35	-4	25	+2	47	0	0	
Red Sea																		
Tôr	00	7	28	4	0	0	—	8.7	+1.2	26.9	34	0	26	+2	62	0	0	13
Hurghâda	00	8	30	3	0	0	—	8.1	+0.2	28.2	31	-3	22	-2	44	0	1	3
Quseir	00	8	32	3	0	0	—	7.5	0.0	30.0	32	-1	26	0	47	0	11	4
Port Sûdân	00	8	10	2	0	0	—	7		33					41	0	35	97
Nile																		
Wadi Halfa	00	8	02	1	1	1	1	9		28					23	0	tr.	
Kareima	00	8	06	1	0	3	2	9		29					20	0	7	2
Atbara	01	8	28	2	1	4	1	8		30					22	0	8	8
Khartum	01	7	20	1	1	5	2	10		31					19	0	8	14
Kassala	01	8	20	3	0	4	2	10		30					55	0	35	46
Central Sudan																		
Wad Medani	01	9	18	4	1	4	3	10		32					43	0	41	52
Renk											—		—			—	—	153
Roseires	02	8	12	1	1	6	8	15?		26					79	0	277	214
El Obeid	02	9	18	3	1	5	4	9		29					46	0	79	64
El Fâsher	01	8	14	2	1	5	8,4	—	—	25					79	0	48	29
Geneina								—	—			—		—		—	—	68
Kadugli	02	8	28	2	1	6	4	13		26		—		—	79	—	—	280
Southern Sudan																		
Malakâl	02	8	16	3	1	5	4,5	13		25					89	0	318	303
Wâu	22	8	16	2	6	6	4,5	13		24					79	tr.	252	505
Juba																tr.	664	584

Upper Winds are in the Code HHDDVV where HH is Height 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	Mariut	Port Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
7 h. m.	6 h. 30 m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7	7 h. 15 m.	6
03 30 35	03 32 25		02 33 20		02 33 25	03 34 10	02 35 05	09 35 35	09 34 20	09 01 25	09 33 10
06 32 45	06 34 35		05 34 20		05 01 30	06 04 05	05 03 10	15 33 20	15 34 10	15 34 15	15 34 15
09 34 55	09 34 20		08 36 25		10 34 45	09 08 05	10 27 10	21 28 15	21 24 15	21 26 15	21 29 15
15 34 25	15 33 35		10 34 10			15 01 20	15 23 15	33 35 15	27 23 20	33 17 30	24 28 15
	21 34 35		15 02 15			21 33 05	20 17 25	39 01 15	33 21 30		33 23 15
	24 34 35		20 34 40			24 23 02	25 16 10		39 23 15		
	30 35 45		25 36 40			30 03 20	30 07 10				
	36 02 40		30 36 30			36 03 25	35 04 25				
	39 33 40		35 35 30				40 04 30				

Kassala	Port Sûdân	El Obeid	El Fasher	Geneina	Malakal
h. m.	h. m.	h. m.			7 h. m.
					09 17 40
					15 19 25
					21 19 20
					27 22 05
					33 11 15
					39 08

Upper Air Temp. — Almaza at 04 h. G.M.T. on 25th

Height	PPP	TT	
Surface	1002	71	69
500	984	66	66
1000	966	65	64
1500	949	65	61
[illegible]	932	67	57
[illegible]	865	64	49
[illegible]	803	66	41
[illegible]	744	60	37
[illegible]	689	53	32
[illegible]	637	46	29
[illegible]	589	40	29
[illegible]	543	33	21

On 25th

34700 00990 16100 07291 50001 00200
34800 00990 26300 08291 00200 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	16
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	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	84
of Sleet	86
of Hail	88, 89
Thunderstorm	90-99

Past weather (W): Clear or ... cloud; ... ; Partly overcast; Sandstorm, Duststorm; Fog, thick dust haze; Drizzle; Rain; Snow, sleet; Showers; Thunderstorm

VISIBILITY (V): Objects not visible at 50 metres ... 200 ... 500 ... 1 Kilometre ... visible over 50 kms.

CLOUD AMOUNT (N): ... Tenths ... Over 9 Tenths; Overcast; Fog or Dust

CLOUD FORM (C): Cirrus; Cirro-stratus; Cirro cumulus; Alto cumulus; Alto stratus; Strato-cumulus; [illegible]

WIND FORCE (F): Calm; Almost calm; Very light; Light; Moderate; Fresh; Strong; Very strong; Gale; Strong gale; Whole gale; Storm; ... 36 = East; 27 = West

DAILY WEATHER REPORT

Time of Sunrise 04 55 h. m.
Sunset 19 00 h. m.

Month JUNE 1946 — شهر يونيه ١٩٤٦

At 8h on TUESDAY 25th — الساعة ٨ يوم الثلاثاء ٢٥ / At 20h on 25 — الساعة ٢٠ يوم الثلاثاء ٢٥

Station	Present Weather (8h)	Visibility	Wind Dir.	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs.	Temp.	% Humidity	Rain 8-14 mms	Present Weather (20h)	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
																							130
Matruh	00	9	28	4	0	0	—	11.9	25.6	71	0	00	8	28	4	0	0	—	12.4	24.5	64	0	131
Mariut	00	8	27	3	0	0	—	10	28	62	0	01	7	27	3	0	4	6	10	24	74	0	150
Alexandria	00	9	30	3	0	0	—	11.0	27.6	66	0	01	5	30	2	1	4	8	11.5	24.2	74	0	132
Damietta	00	8	30	3	0	0	—	9.4	28.0	57	0	00	8	28	3	0	0	—	9.8	24.2	83	0	159
Port Said	00	8	30	3	0	0	—	9.5	29.7	63	0	00	8	30	3	0	0	—	9.6	24.7	80	0	134
El Arish	00	9	28	3	0	0	—	9.6	28.1	65	0	00	9	28	1	0	0	—	9.6	24.9	76	0	135
Damanhur	00	7	32	4	0	0	—	11.0	31.3	42	0	00	7	32	2	0	0	—	10.0	24.2	68	0	136
Mansura	00	8	32	1	0	0	—	9.0	34.0	31	0	00	6	04	1	0	0	—	10.0	25.6	62	0	137
Tanta	00	8	32	2	0	0	—	9.9	33.2	35	0	00	8	32	1	0	0	—	10.7	24.4	57	0	138
Zagazig	00	6	28	2	0	0	—	9.1	33.2	39	0	00	6	32	2	0	0	—	10.4	28.2	54	0	139
Shebin el Kom	00	8	02	3	0	0	—	9.0	34.8	30	0	00	7	30	2	0	0	—	10.2	28.6	57	0	—
Almaza	00	8	30	1	0	0	—	8.7	33.0	25	0	00	7	30	2	0	0	—	9.4	30.1	38	0	141
Ezbekiya	00	8	32	2	0	0	—	9.2	32.5	29	0	00	6	32	3	0	0	—	9.5	29.1	44	0	—
Giza	00	8	28	2	0	0	—	9.6	34.1	22	0	00	7	30	2	0	0	—	9.4	30.7	37	0	—
Helwan	00	8	26	3	0	0	—	9.0	32.2	19	0	00	6	30	3	0	0	—	8.8	31.0	28	0	143
Suez	00	9	32	1	0	0	—	9.8	33.0	27	0	00	9	32	2	0	0	—	9.5	29.4	49	0	144
Faiyum	00	8	30	2	0	0	—	9.2	33.0	18	0	00	8	32	2	0	0	—	9.1	30.1	31	0	153
Minya	00	9	02	3	0	0	—	8.6	35.3	30	0	00	8	30	1	0	0	—	9.2	28.5	17	0	154
Asyut	00	8	28	2	0	0	—	8.4	34.0	24	0	00	6	26	1	0	0	—	9.1	30.0	30	0	155
Nag Hamadi	00	8	00	0	0	0	—	7.2	36.3	24	0	00	8	24	1	0	0	—	7.4	30.3	30	0	164
Qena	00	9	26	2	0	0	—	7.1	39.4	14	0	00	6	22	2	0	0	—	6.0	31.8	37	0	156
Luxor	00	7	22	2	0	0	—	6.7	40.0	18	0	00	6	30	2	0	0	—	6.3	32.5	31	0	157
Aswan	00	9	18	1	0	0	—	5.6	39.2	12	0	00	9	00	0	0	0	—	6.3	37.4	10	0	158
Siwa	00	8	28	2	0	0	—	13.9	37.8	32	0	00	—	28	2	0	0	—	13.1	33.0	44	0	148
Bahariya	00	9	32	1	0	0	—	11.5	35.0	28	0	00	—	08	1	0	0	—	—	26.0	55	0	149
Kharga	00	9	32	1	0	0	—	9.9	32.2	18	0	00	9	32	1	0	0	—	9.5	30.4	30	0	151
Dakhla	00	8	28	4	0	0	—	10.0	35.2	30	0	00	7	32	2	0	0	—	10.4	26.2	26	0	152
Tor	00	7	28	4	0	0	—	8.0	29.9	60	0	00	7	28	3	0	0	—	6.7	30.1	55	0	145
Hurghada	00	8	02	3	0	0	—	7.9	30.1	49	0												146
Quseir	00	8	32	2	0	0	—	7.6	32.2	45	0	00	8	32	2	0	0	—	6.8	29.6	46	0	147
Port Sudan	00	9	04	3	0	0	—	5	34	47													208
	00	8	28	3	0	1	1	7	38	11													
	00	9	28	2	1	4	1,2	7	38	11													
	01	8	22	3	1	4	1	4	39	09													
	01	8	26	2	1	4	9,3	5	38	11													209
	01	8	20	2	1	5	8,9,5	6	35	35													
Wad Medani	03	8	18	5	9	8	6	7	28	55													171
Renk																							172
Roseires	11	8	15	2	1	4	9		32	55													173
El Obeid	02	9	22	3	1	5	6,4,1	7	32	38													174
El Fasher	02	9	00	0	1	5	8,4	—	34	47													175
Geneina	20	8	16	3	5	4	9	—	34	32													179
Kadugli	02	8	20	3	1	5	9	9	33	47													187
Malakal	02	8	18	3	1	6	8,4,4	9	29	70													176
Wau	01	8	16	2	1	5	8	9	30	55													177
Juba	01	8	16	1	1	4	8,4,1	11	31	55													178

At 8h on WEDNESDAY 26th — الساعة ٨ يوم الاربعاء ٢٦

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	Rainfall since 1st Oct. mms	Normal mms
																		99
Matruh	00	9	28	4	0	0	—	11.1	-0.7	23.8	27	0	20	0	69	0	101	161
Mariut	01	8	29	2	1	4	8	10		25	29	—	22	—	74	0	187	138
Alexandria	01	9	28	1	2	5	8	10.4	-1.0	25.0					71	0	170	186
Damietta	01	7	26	2	1	5	8	9.4	-0.9	26.0	29	—	20	—	72	0	81	106
Port Said	01	8	28	2	1	4	8	9.5	-0.5	25.3	30	0	23	+1	73	0	71	81
El Arish	00	9	22	1	0	3	3	9.5	-0.7	28.2	29	0	20	+1	61	0	—	94
Damanhur	01	6	04	3	1	3	8	9.9	-0.7	25.4	32	0	20	+1	75	0	92	101
Mansura	01	8	02	1	1	4	8	10.0	-0.7	25.2	35	0	20	+1	74	0	66	55
Tanta	01	8	24	2	1	4	8	10.4	-0.4	25.0	34	-1	18	0	74	0	107	44
Zagazig	00	6	28	1	0	2	1	9.9	-0.9	27.4	34	-1	20	+2	63	0	24	27
Shebin el Kom	00	8	30	2	0	0	—	9.6	-1.4	26.4	36	—	21	—	65	0	36	
Cairo: Almaza	05	6	02	1	2	0	—	9.7	-1.1	24.6	36	—	21	—	68	0	10	
Cairo: Ezbekiya	05	6	28	1	0	0	—	10.0	-0.8	25.6	35	0	22	+2	64	0	22	26
Cairo: Giza	00	7	30	1	1	1	8	10.2	-0.7	25.0	35	0	20	+2	68	0	41	27
Helwan	05	6	00	0	0	0	—	10.0	-0.7	23.2	34	-1	20	-1	73	0	20	29
Suez	00	9	32	1	0	2	2	10.4	-0.6	25.0	35	-1	22	0	68	0	—	17
Faiyum	00	8	32	2	0	0	—	10.0	-0.5	24.2	35	-1	20	0	66	0	13	8
Minya	00	9	28	2	0	0	—	9.9	+0.2	25.3	36	0	20	-1	38	0	dr.	
Asyut	00	7	26	1	0	0	—	9.9	+0.4	25.1	36	-1	20	-2	66	0	0	4
Nag Hamadi	00	8	00	0	0	0	—	8.4	+0.1	27.7	37	—	18	—	47	0	1	
Qena	00	8	22	2	0	0	—	8.0	+0.3	28.6	40	-1	23	-1	33	0	13	
Luxor	00	7	26	2	0	0	—	8.4	+0.4	34.0	41	0	22	0	27	0	0	
Aswan	00	9	00	0	0	0	—	7.9	0.0	29.3	42	0	26	0	21	0	dr.	—
Siwa	00	7	00	0	0	0	—	14.7	+1.7	22.4	39	+1	18	-2	82	0	5	8
Bahariya	00	9	32	1	0	0	—	12.3	+1.1	27.2	38	+2	19	0	55	0	0	7
Kharga	00	9	32	1	0	0	—	10.6	+2.0	28.4	37	-2	20	-3	40	0	1	
Dakhla	00	8	28	3	0	0	—	11.4	-1.1	26.8	37	-2	24	+1	46	0	0	
Tor	00	7	28	3	0	0	—	7.0	-0.4	27.1	32	-2	24	c	68	0	0	13
Hurghada																	1	3
Quseir	00	8	30	2	0	0	—	7.0	-0.4	29.0	32	-1	25	-1	50	0	11	4
Port Sudan	00	9	00	0	2	1		7		35					44	0	35	97
	00	8	02	1	0	2	1,2	9		30					18	0	tr.	
	00	8	32	2	0	1	1	9		31					11	0	7	2
	01	8	20	1	1	3	1,2	9		31					21	0	8	8
	00	8	20	3	1	1	4	10		31					43	0	8	15
	01	8	18	3	1	4	6,4	10		29					59	0	35	47
Wad Medani	01	9	20	4	1	3	5	11		28					66	tr.	41	53
Renk	02	9	18	3	1	6	8	-		25					79		—	156
Roseires	02	8	14	1	2	7	7,5	—		26					79	0	277	219
El Obeid	02	9	20	3	1	6	4	11		22					83	0	79	66
El Fasher	02	8	24	2	1	6	6,4			28					66	0	48	30
Geneina	01	9	20	2	1	4	4			25					65	—	—	70
Kadugli	02	8	12	2	1	6	8	12		24					84		—	285
Malakal	02	8	12	2	1	7	4,5	13		25					89	2	320	308
Wau	02	8	18	1	1	7	6,4,5	14		23					89	3	255	511
Juba	02	8	16	1	6	5	6,4	14		23					74	10	674	589

PRESENT WEATHER
Clear
Partly cloudy
Cloudy
Overcast
Low Fog
Thin Haze
Dust Devils
Distant Lightning
Light Mist
Distant Fog
Distant Duststorm
Squally
Slight Duststorm
Rain in past hour
Slight Thunderstorm
Heavy Thunderstorm
Rain and Snow
Showers
Snow
Sleet

Upper Winds are in the code 4HDDVV where H is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

25th (upper winds):

12 30 13 30 12 30
03 31 35 03 32 20 03 30 15
06 32 55 06 32 25 06 27 15
09 32 55 09 31 15 09 27 25
15 32 45 15 33 40 12 28 20
21 31 20 21 33 35 15 32 25
27 31 45 27 34 55 21 33 20
30 31 55 30 34 50 24 33 20
33 32 45 27 31 20
30 30 15

MALAKAL, JUBA:
13 15 12 30 13 13 13 13 12 15
09 32 40 09 29 10 09 28 10 09 23 45 09 27 30 09 19 20 09 14 15
15 33 50 15 28 10 15 26 10 15 20 25 15 28 15 15 19 20 15 13 15
21 32 70 21 25 05 18 25 10 21 25 65 21 18 20 21 08 15
27 33 65 27 24 25 21 26 25 27 14 10 27 14 05
33 31 65 33 24 10 24 26 20 33 09 30 33 19 05
39 35 15 39 23 10 27 25 20 39 07 25 39 18 15
30 26 25

26th (upper winds):

MATRUH, MARIUT, PORT SAID, HELWAN, CAIRO, ASYUT, LUXOR, ASWAN, WADI HALFA …
7 8 45 8 15 7 7 7 15 7 7 7
03 32 30 | 02 30 15 02 35 10 02 30 15 | 02 35 10 09 02 40 09 31 20 09 31 15 06 24 30
06 33 20 | 05 02 15 05 03 10 05 35 20 | 05 02 25 15 33 20 15 28 20 15 28 15 09 25 30
09 34 20 | 08 02 20 08 36 20 10 32 25 | 10 06 20 21 35 05 21 25 15
15 34 25 | 10 03 15 10 01 20 | 15 31 05 27 09 02 24 24 15
21 33 35 | 15 02 10 15 02 20 | 20 23 20 33 03 25 39 18 20
27 32 35 | 20 34 05 20 35 10 | 25 20 25 39 05 20
30 30 40 | 25 33 20 25 34 15 | 30 20 10
33 30 35 | 30 29 10 30 32 15 | 35 35 15
40 27 10 35 28 10 | 40 34 10

KASSALA, PORT SUDAN, EL OBEID, … GENEINA
6 45 7 6 45 7
09 20 30 09 23 20 09 21 35 09 22 15
15 23 45 15 35 15 15 22 30 15 22 20
21 22 40 21 32 20 21 32 15 21 02 20
27 22 45 27 31 30 27 03 02 27 06 25
33 25 15 33 04 10 33 07 20
39 27 15 39 10 30

25th 25th
…andria 72 -1 21.8 -0.2
…aira 54 -2 20.7 -0.7
51 -4 20.7 +0.1
49 +6 19.4 +0.3
26th 18.0°
26.6 1794 1620
25.6 1736 1620
26th 25.9°

26th
13.40 -0.10
8.25 -0.12
10.80 -0.22 10.77 -0.22
371.38
371.31
14.38 +0.75 14.50 +0.96
7.02
11.18 -0.07
11.85 +0.44
11.08 +0.53
132.32 -0.23 132.16 -0.34
109.64 110.08
86.54 +0.07 86.45 0.00
16.42 +0.86

…MAZA 4h … 26th

Height			
Surface	1000	70	67
	982	66	64
	964	65	64
	947	62	62
	930	68	53
	864	68	48
	801	63	41
	743	58	37
	688	53	31
	636	48	29
	588	39	29
	542	30	23

26th
34750 00881 24101 07262 10003 00180
34800 00890 10200 08261 70204 00179

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.G.

DAILY WEATHER REPORT

Time of Sunrise h. 04 m. 55 — Sunset h. 19 m. 00

Month June 1946 — شهر يونيه ١٩٤٦

At 14h. on Wednesday 26th (الساعة ١٤ يوم ٢٦) — At 20h. on 26th (الساعة ٢٠ يوم الأربعاء ٢٦)

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	Visibility	Wind Dir	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar press M.S.L. 1000+ mbs	Temp °C	% Humidity	Rain 14-20h mms	Station number
Mediterranean																							
Salûm																							130
Matrûh	00	9	28	4	0	0	—	11.2	26.5	73	0	00	8	28	3	0	0	—	11.9	24.5	64	0	131
Mariut	00	7	28	3	1	0	—	10	27	67	0	01	7	29	2	0	4	6	10	24	79	0	150
Alexandria	01	9	28	4	2	3	4	10.4	27.6	65	0	02	5	28	2	2	5	8	11.0	24.4	74	0	132
Damietta	00	8	30	3	0	0	—	9.1	27.1	68	0	00	7	30	2	0	0	—	9.2	24.0	90	0	159
Port Sa'îd	00	8	30	3	0	0	—	9.4	28.8	66	0	00	8	30	3	0	2	4	9.6	24.3	87	0	134
El 'Arîsh	00	9	32	3	0	0	—	7.5	27.3	69	0	00	9	28	2	0	0	—	9.2	24.3	83	0	135
Lower Egypt																							
Damanhûr	00	6	04	4	1	0	—	9.4	31.2	47	0	00	7	32	2	0	0	—	10.4	24.2	72	0	136
Mansûra	01	8	32	1	1	3	8	9.0	33.2	33	0	00	6	32	2	1	0	—	9.8	25.6	71	0	137
Tanta	00	8	32	3	0	0	—	8.6	33.7	39	0	00	8	28	1	0	0	—	9.1	24.6	60		138
Zagazig	00	6	24	3	0	0	—	8.4	33.2	38	0	00	6	28	2	0	0	—	8.7	29.4	47	0	139
Shebîn el Kôm	00	8	30	3	0	0	—	8.6	34.2	31	0	00	8	30	2	0	0	—	8.3	26.9	61	0	—
Middle Egypt																							
Cairo: Almaza	00	8	04	2	0	0	—	8.0	33.8	31	0	00	7	02	3	0	0	—	8.6	29.7	42	0	141
Cairo: Ezbekîya	00	8	30	3	0	0	—	8.4	33.6	34	0	00	8	02	3	0	0	—	8.6	29.1	46	0	—
Cairo: Gîza	00	8	04	2	0	0	—	8.8	34.0	31	0	00	7	02	2	0	0	—	8.7	30.4	43	0	—
Helwân	00	8	32	3	0	0	—	7.8	33.7	23	0	00	6	32	4	0	0	—	8.2	29.6	36	0	143
Suez	00	9	32	1	0	0	—	8.6	33.8	25	0	00	9	32	1	0	0	—	9.0	28.8	48	0	144
Upper Egypt																							
Faiyûm	00	8	30	3	0	0	—	8.2	33.7	25	0	00	8	30	1	0	0	—	7.9	29.0	36	0	153
Minya	00	9	04	3	0	0	—	8.0	34.8	26	0	00	8	30	1	0	0	—	7.1	28.6	38	0	154
Asyût	00	8	26	1	0	0	—	8.6	33.4	33	0	00	6	28	1	0	0	—	7.8	30.2	37	0	155
Nag Hamâdi	00	8	00	0	0	0	—	7.0	35.6	22	0	00	8	00	0	0	0	—	6.7	34.7	31	0	164
Qena	00	9	22	2	0	0	—	5.4	39.0	19	0	00	6	22	2	0	0	—	6.7	32.4	22	0	156
Luxor	00	7	26	2	0	0	—	6.3	40.0	15	0	00	6	26	2	0	0	—	6.3	33.0	25	0	157
Aswân	00	9	24	1	0	0	—	5.4	39.8	10	0	00	9	00	0	0	0	—	5.8	37.5	10	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	13.2	32.0	41	0	00	—	28	3	0	0	—	11.5	32.8	51	0	148
Baharîya	00	9	00	0	0	0	—	10.3	31.0	36	0												149
Kharga	00	9	32	1	0	0	—	9.1	36.8	11	0	00	9	32	1	0	0	—	9.4	33.5	14	0	151
Dakhla	00	8	28	1	0	0	—	9.6	35.4	29	0	00	7	28	2	0	0	—	10.7	27.2	26	0	152
Red Sea																							
Tôr	00	7	28	4	0	0	—	7.5	29.1	64	0	00	7	28	3	0	0	—	6.5	29.2	57	0	145
Hurghâda	00	8	02	3	0	0	—	6.7	30.7	48	0	00	8	00	0	0	0	—	7.2	29.3	40	0	146
Quseir	00	8	32	2	0	0	—	6.7	30.6	51	0	00	8	02	2	0	0	—	6.8	29.2	51	0	147
Port Sudân	00	9	08	3	0	0	—	4	35	—	0												268
[illegible]	00	8	26	3	0	1	1	7	38	12													[illegible]
[illegible]																							[illegible]
[illegible]	01	8	24	3	1	3	8,1	5	40	08													[illegible]
Khartûm	01	8	20	4	1	4	8,4	7	38	—													269
Kassala	25	8	22	3	3	6	7,4	7	33	41													170
Central Sudan																							
Wad Medani	01	8	20	3	1	5	8	8	36	40													171
Renk	01	9	20	3	1	5	8	—	32	49													182
Roseires	02	8	18	1	2	5	4	—	30	55													172
El Obeid	10	9	24	1	1	6	9,4,1	7	34	29													174
El Fasher	10	9	14	4	8	7	8,4	8	33	47													175
Geneina	11	8	20	2	1	6	8	—	34	36													179
Kadugli																							187
S. Sudan																							
Malakâl	65	7	16	5	6	8	9	13	22	100													176
Wau	02	8	16	3	1	6	8,4	10	29	59													177
Juba	62	8	12	1	1	5	8,4	11	29	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.

26th:

Matrûh (13h)	Mariut (12h 30)	Minya (13h)	Wâdi Halfa (13h 15)	Kassala (13h)	El Obeid (13h)	Juba (12h 45)
03 33 35	03 33 25	03 34 30	09 32 10	09 22 55	09 27 20	09 21 15
06 33 30	06 33 20	06 32 15	15 33 15	15 22 45	15 24 05	15 19 10
09 34 20	09 32 20	09 30 05	21 02 10	21 24 95	21 20 05	21 18 15
15 36 20	12 01 10	12 31 15	27 35 10	27 23 70	27 11 10	27 16 05
21 36 20	15 05 25	15 28 15	33 34 15	33 23 75	33 13 15	33 10 15
30 34 25		18 32 20	39 36 20		39 20 10	39 10 15
45 32 15		21 34 15				
		24 30 10				
		27 28 10				

Hours are Egyptian Standard Time (30 E) and are two hours ahead of Greenwich mean time.

	26th		26th	
	70	-3	21.8	-0.2
	53	-3	21.5	0.0
	53	-2	21.6	+0.9
	51	+7	19.9	+0.7

27th 18.9°

27th 25.9°

27-6 1794 1620

26-6 1794 1620

Reading	Diff. from normal	Reading	Diff. from normal
		9.24	-0.16
10.82	-0.23	10.80	-0.22
		371.41	
		371.34	-0.14
14.35	+0.61	14.38	+0.75
		7.02	
11.18	-0.14	11.17	-0.11
		11.84	+0.36
11.16	+0.55	11.08	+0.50
132.38	-0.21	132.32	-0.23
109.24		109.64	
86.54	+0.05	86.54	+0.07
16.42	+0.85	16.42	+0.86

27-6-1946

At 8h. on Thursday 27th (الساعة ٨ يوم الخميس 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	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	4	0	0	—	11.6	-0.1	24.5	27	0	20	0	82	0	101	161
Mariut	00	8	29	2	0	1	6	10	—	25	28	—	22	—	70	0	187	138
Alexandria	00	9	02	2	0	0	—	10.7	-0.6	25.4	29	0	22	0	70	0	170	186
Damietta	00	7	00	0	1	2	8	9.4	-0.8	26.0	28	—	21	—	72	0	81	106
Port Sa'îd	00	8	30	2	0	2	2	10.0	+0.1	25.4	30	0	22	0	72	0	71	81
El 'Arîsh	00	9	28	1	0	3	3	9.9	-0.2	26.3	28	-1	20	+1	75	0	—	94
Lower Egypt																		
Damanhûr	01	6	08	2	1	4	8	9.9	-0.6	25.8	32	0	20	+1	73	0	92	101
Mansûra	01	8	02	2	1	5	8	10.6	0.0	26.0	35	0	21	+2	67	0	66	55
Tanta	00	8	00	0	0	0	—	10.6	-0.1	25.9	34	-1	19	+1	67	0	107	44
Zagazig	00	6	28	2	0	2	1	10.4	-0.3	26.2	35	0	21	+2	65	0	24	27
Shebîn el Kôm	00	8	24	2	0	0	—	9.9	-1.0	27.4	35	—	21	—	59	0	36	—
Middle Egypt																		
Cairo: Almaza	00	7	04	1	0	0	—	10.1	-0.7	24.8	36	—	23	—	69	0	10	—
Cairo: Ezbekîya	00	7	28	1	0	0	—	10.2	-0.6	25.0	35	0	22	+1	63	0	22	26
Cairo: Gîza	00	7	04	1	0	0	—	10.4	-0.4	24.6	35	0	21	+3	66	0	41	27
Helwân	00	6	00	0	0	0	—	9.9	-0.7	23.2	35	0	20	-1	70	0	20	29
Suez	00	9	32	1	0	0	—	10.6	+0.9	25.8	35	-1	21	-1	67	0	—	17
Upper Egypt																		
Faiyûm	00	8	32	3	0	0	—	10.4	0.0	24.5	36	0	21	+1	63	0	13	8
Minya	00	9	02	2	0	0	—	8.8	-0.8	26.4	35	-1	22	+1	59	0	dr	—
Asyût	00	7	22	1	0	0	—	9.2	-0.2	27.7	35	-2	23	+1	54	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	8.4	+0.2	27.2	37	—	23	—	48	0	1	—
Qena	00	8	22	2	0	0	—	7.6	0.0	28.2	40	-1	23	-1	40	0	13	—
Luxor	00	7	04	1	0	0	—	7.5	-0.4	33.5	41	0	22	0	28	0	0	—
Aswân	00	9	00	0	0	0	—	7.5	-0.4	29.5	42	0	24	-2	25	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	13.8	+0.8	22.0	36	-2	19	-1	84	0	5	8
Baharîya																	0	7
Kharga	00	9	32	1	0	0	—	8.6	0.0	29.5	37	-2	21	-2	42	0	1	—
Dakhla	00	8	24	1	0	0	—	10.8	+0.6	26.8	36	-3	20	-3	50	0	0	—
Red Sea																		
Tôr	00	7	28	3	0	0	—	7.4	+0.1	26.9	33?	-1	22	-2	69	0	0	13
Hurghâda	00	8	30	4	0	0	—	7.3	-0.4	29.3	32	-2	19	-5	32	0	1	3
Quseir	00	8	32	2	0	0	—	6.7	-0.6	29.8	32	-1	25	-1	50	0	11	4
Port Sudân	00	8	20	4	0	0	—	6		37					40	0	35	97
[illegible]	00	9	32	1	0	2	1	9		28					05	0	tr	
[illegible]	00	8	20	2	0	1	1	9		29					40	0	7	2
[illegible]	00	8	20	4	1	0	—	8		32					29	0	8	8
Khartûm	01	8	24	3	0	3	1	10		31					46	0	8	15
Kassala	02	8	18	2	1	5	4	11		29					52	tr	35	49
Central Sudan																		
Wad Medani	01	9	18	4	1	5	3	12		26					70	3	44	55
Renk	02	9	18	3	1	8	8	13		25					79	—	—	159
Roseires	02	8	18	3	1	5	8	15		26					74	0	277	224
El Obeid	01	9	20	5	1	5	6,4	13		28					58	0	99	68
El Fasher	01	9	14	2	0	4	4	—		24					—	2	50	31
Geneina	01	8	00	0	1	3	4,1	—		24					74	0	—	72
Kadugli	02	8	20	2	1	6	9	13		26					79	—	—	290
S. Sudan																		
Malakâl	02	8	08	1	1	6	4,5	14		24					94	6	326	313
Wau	02	8	00	0	1	6	6,4	13		23					100	0	255	517
Juba																tr	674	593

Upper Winds are in the Code HHDDVV where HH is Height above 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 45)	Port Sa'îd	Helwân (9h)	Minya (7h)	Asyût (7h)	Luxor (7h)	Aswân (7h)	Wâdi Halfa (7h)	Abu Hamad (7h)	Kareima (7h)	Khartûm
03 31 15	03 33 25		02 31 10	03 36 30	02 32 20	03 28 05	02 33 10	09 35 20	09 26 15	09 30 05	
06 31 15	06 01 20		05 03 10	06 03 35	05 02 20	06 33 05	05 25 20	15 29 20	15 27 15	15 23 05	
09 01 20	09 03 15		08 05 20	09 36 25	10 36 30	09 03 20	10 06 10	21 25 20		21 23 15	
15 01 30	12 35 20		10 01 15	15 29 10		15 11 15	15 24 10	27 21 10		24 23 20	
21 01 25	15 34 20		15 04 10	21 28 05		21 16 15	20 22 20	30 24 15			
30 34 30	18 03 05		20 06 05	30 21 05		30 21 25	25 17 25				
45 33 20	21 01 10		23 34 05	45 30 15		45 27 15	30 17 30				
60 34 10	24 36 10		24 01 05								
75 25 30	27 01 20										

Kassala (6h 45)	Port Sudân (7h)	El Obeid (7h 15)	El Fasher (7h)	Geneina (7h)	Malakal (7h)
09 20 35	09 28 25	09 22 20	09 16 10	09 21 10	09 24 15
15 19 40	15 32 45	15 23 35	15 23 05	15 26 15	15 22 20
21 19 40	21 30 30	21 25 70	21 22 15	21 04 15	21 21 15
24 20 55	27 33 30	27 27 55	27 28 15	27 05 20	27 20 20
	30 32 35	33 31 45		33 02 25	33 20 25
				39 08 05	

Upper Air Temp — Almaza at 23h M.T. on 27th

Height	PPP		
Surface	1000	73	70
[illegible]	982	70	67
[illegible]	964	70	66
[illegible]	947	70	61
[illegible]	930	72	53
[illegible]	864	65	52
[illegible]	801	62	40
[illegible]	743	56	34
[illegible]	688	54	32
[illegible]	636	46	30
[illegible]	588	38	28
[illegible]	542	31	26

27th

34700 00990 08200 09280 70002 00180

34800 00990 02100 09271 70900 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	35-43
Mod. Fog in last hour	41
Thick	42
Fog in patches	43
Drizzle	50-53
Rain	56-63
Rain and Fog	57
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
... of Snow	84
... of Sleet	86
... of Hail	89
Thunderstorm	90-99

Clear ...; Fair ...; Sandstorm, Duststorm; Fog, thick dust haze; Drizzle; Rain; Snow, sleet; Showers; Thunderstorm

VISIBILITY (V): Objects not visible at 50 metres 0; 200 ...; 500 ... 2; 1 Kilometre ...; 2 ...; 4 ...; 10 ...; 20 ...; 50 ...; Visible over 50 kms. ...

CLOUD AMOUNT (N): Clear; Trace; Tenth; 2, 3 Tenths; 4, 5, 6 Tenths; 7, 8 Tenths; 9 Tenths; Over 9 Tenths; Overcast; Fog or Dust

WIND FORCE (F)		Force
Calm	0-1	0
Almost calm	6	1
Very light	12	2
Light	18	3
Moderate	26	4
Fresh	35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	[illegible]	10
Storm		
Hurricane		

CLOUD FORM (C): Cirrus; Cirro-stratus; Cirro-cumulus; Alto cumulus; Alto-stratus; ...

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 4 h. 56 m. — Sunset 19 h. 00 m.

Month JUNE 1946 — شهر يونيه ١٩٤٦

Thursday 27th — الخميس ٢٧

8 h: ww	V	Wind Dir	Force	Past weather	Cloud amount	Form	Bar press M.S.L. 1000+	Temp	Humidity	Rain 8–14 h	At 20 h: Present weather	Visibility	Wind Dir	Force	Past weather	Cloud amount	Form	Bar press M.S.L. 1000+ mbs.	Temp °C	% Humidity	Rain 14–20 h mms	Station number
																						130
00	9	22	4	0	0	—	11.9	26.5	59	0	00	8	28	4	0	0	—	11.1	23.0	66	·0	131
00	8	29	3	0	1	—	10	27	62	0	00	7	29	2	0	3	6	10	24	84	0	150
00	9	30	4	0	0	—	10.6	28.0	60	0	02	5	32	2	1	5	8	10.6	24.4	79	0	132
00	8	28	2	1	0	—	9.1	29.0	54	0	00	7	28	2	0	0	—	9.1	26.0	87	0	158
00	8	32	3	0	0	—	9.4	29.7	60	0	00	8	02	3	0	0	—	8.8	24.9	86	0	134
00	9	30	4	0	0	—	9.0	27.2	69	0	00	9	02	4	0	0	—	9.2	24.8	80	0	135
00	7	30	4	1	3	8	9.4	30.6	55	0	00	7	04	2	0	0	—	9.5	24.8	77	0	136
00	8	02	1	1	0	—	9.1	33.0	32	0	00	6	02	2	0	0	—	9.0	26.0	72	0	137
00	8	28	2	0	0	—	9.9	33.6	31	0	01	8	30	1	1	4	8	9.9	26.2	62	0	138
00	6	24	1	0	0	—	9.0	32.8	30	0	00	6	24	3	0	0	—	7.9?	27.9	59	0	139
00	8	30	3	0	0	—	8.4	34.6	29	0	00	7	30	3	0	0	—	8.2	27.4	64	0	—
00	8	02	1	0	0	—	6.0	33.6	26	0	00	7	02	1	0	0	—	7.8	32.0	23	0	141
00	8	28	1	0	0	—	8.7	32.8	29	0	00	7	30	3	0	0	—	8.8	29.3	41	0	—
00	8	00	0	0	0	—	9.1	33.9	26	0	00	7	04	1	0	0	—	8.3	30.8	39	0	—
00	7	28	4	0	0	—	7.9	35.1	17	0	00	7	30	2	0	0	—	7.8	30.5	24	0	143
00	9	32	1	0	0	—	7.4	33.6	23	0	00	9	32	2	0	0	—	8.4	29.7	50	0	144
00	8	30	2	0	0	—	8.3	33.5	25	0	00	8	00	0	0	0	—	7.9	28.9	37	0	153
00	9	24	3	0	0	—	7.9	35.2	21	0	00	8	32	1	0	0	—	6.6	29.3	27	0	154
00	8	26	1	0	0	—	8.2	35.1	32	0	00	6	22	1	0	0	—	7.6	29.9	31	0	155
00	8	00	0	0	0	—	6.2	37.2	29	0	00	8	00	0	0	0	—	7.5	29.2	45	0	164
00	9	24	2	0	0	—	5.4	39.2	19	0	00	6	24	1	0	0	—	5.1	31.4	39	0	156
00	7	18	2	0	0	—	5.5	41.0	14	0	00	6	30	2	0	0	—	4.4	34.6	25	0	157
00	9	20	1	0	0	—	5.2	39.8	11	0	00	9	00	0	0	0	—	5.0	38.0	10	0	158
00	8	00	0	0	0	—	12.8	35.2	51	0	00	—	28	2	0	0	—	11.1	33.3	54	0	148
00	9	00	0	0	0	—	11.2	35.0	32	0	00	—	00	0	0	0	—	11.0	27.0	56	0	149
00	9	08	1	0	0	—	7.8	35.5	25	0	00	9	32	1	0	0	—	6.9	32.0	33	0	151
00	9	32	2	0	0	—	9.8	33.8	32	0	00	7	32	2	0	0	—	9.6	27.9	30	0	152
00	7	28	4	0	0	—	7.5	29.8	63	0	00	7	28	3	0	0	—	6.0	29.4	64	0	
00	6	02	3	0	0	—	7.8	31.7	38	0	00	8	00	0	0	0	—	7.6	30.4	53	0	
00	8	02	2	0	0	—	6.7	32.0	54	0	00	8	04	1	0	0	—	7.0	29.0	55	0	
02	8	20	3	1	5	2	4	43	31													208
00	8	22	3	0	0	—	7	38	11													
00	9	28	2	0	1	1	6	39	08													
01	8	24	3	1	4	8,1	5	39	15													
01	8	12	1	1	4	8	6	38	18													209
51	7	18	2	1	6	9	8	34	39													
02	9	18	3	1	7	8	3	35	30													
03	9	18	4	2	8	8	10	31	49													
11	9	22	4	1	5	8,4	8	33	36													
02	9	12	1	1	5	8,4	—	33	34													
01	8	20	3	1	4	8	—	33	26													
02	8	20	4	1	6	9	11	31	49													
02	8	14	1	6	5	8,4	11	30	66													
02	8	00	0	1	6	8,4,2	9	32	43													
01	8	04	1	1	4	8	11	31	55													

Friday 28th — الجمعة ٢٨

Station	Present weather ww	Visibility V	Wind Dir	Force	Past weather	Cloud amount	Form	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	Total mms	Normal mms
																		99
MATRŪH	02	9	28	3	1	6	4	—	—	—	27	0	20	0	71	0	101	161
MARIUT	00	7	32	1	0	0	—	10	—	28	31	—	22	—	52	0	187	138
ALEXANDRIA	00	9	04	2	0	0	—	11.1	-0.1	27.0	29	0	22	0	63	0	170	186
DAMIETTA	00	7	26	1	4	0	—	9.6	-0.5	27.0	31	—	21	—	76	0	81	106
PORT SAÏD	01	8	32	2	1	4	6	9.8	0.0	26.3	30	0	22	0	75	0	71	81
EL ARÎSH	00	9	28	1	0	0	—	9.9	-0.1	26.3	29	0	18	-1	76	0	—	94
DAMANHÛR	01	6	04	2	1	4	8	10.0	-0.4	25.8	32	0	21	+2	75	0	92	101
MANSÛRA	01	8	04	1	1	3	8	10.2	-0.3	26.8	36	+1	22	+2	67	0	66	55
TANTA	00	8	28	1	1	0	—	10.6	0.0	26.8	35	0	20	+2	70	0	107	44
ZAGAZIG	00	6	30	2	0	0	—	9.9	-0.7	26.4	34	-1	20	+1	69	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	0	—	9.6	-1.3	27.6	36	—	22	—	62	0	36	
CAIRO: ALMAZA	00	7	02	1	2	0	—	9.8	-0.4	24.8	36	—	22	—	77	0	10	—
CAIRO: EZBEKÎYA	05	6	30	2	0	0	—	9.9	-0.8	25.0	35	-1	22	+1	68	0	22	26
CAIRO: GÎZA	01	7	30	1	1	4	8	10.2	-0.6	24.0	34	-1	21	+3	79	0	41	27
HELWÂN	05	6	32	1	0	0	—	9.9	-0.6	24.4	34	-1	21	0	72	0	20	29
SUEZ	00	9	30	1	0	0	—	9.9	+0.3	27.8	36	0	22	0	56	0	—	17
FAIYÛM	00	8	02	2	0	0	—	9.6	-0.7	26.0	35	-1	22	+2	64	0	13	8
MINYA	00	9	32	2	0	0	—	9.4	-0.1	27.3	36	0	21	0	61	0	dr	
ASYÛT	00	7	22	1	0	0	—	9.4	0.0	28.0	36	-1	22	0	57	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	7.9	-0.3	29.0	39	—	21	—	45	0	1	
QENA	00	8	24	1	0	0	—	7.0	-0.6	29.4	41	0	23	-1	34	0	13	
LUXOR	00	7	12	1	0	0	—	7.5	-0.3	34.0	43	+2	21	-1	22	0	0	
ASWÂN	00	9	00	0	0	0	—	7.4	-0.4	30.6	40	-2	25	-1	28	0	dr	
SÎWA	00	7	00	0	0	0	—	13.4	+0.5	23.0	37	-1	19	-1	85	0	5	8
BAHARÎYA	00	9	00	0	0	0	—	12.0	+0.9	25.0	37	+1	18	-1	61	0	0	7
KHÂRGA	00	9	32	1	0	0	—	9.5	+1.0	22.0	37	+2	21	-2	30	0	1	
DAKHLA	00	8	24	1	0	0	—	10.4	-0.3	29.2	34	-5	21	-2	42	0	0	
TÔR	00	7	28	3	0	0	—	7.9	+0.7	27.1	32	-2	22	-2	72	0	0	13
HURGHÂDA	00	8	30	3	0	0	—	7.4	-0.2	29.3	33	-1	20?	-4	36	0	1	3
	00	8	28	2	0	0	—	6.7	-0.5	29.6	32	-1	25	-1	43	0	11	4
PORT SUDAN	18	6	24	4	0	0	—	6		36					47	0	35	97
	01	8	26	1	1	4	1	8		27					27	0	tr	
	00	8	18	2	0	1	2	9		32					17	0	7	2
	00	8	20	4	1	3	1	9		29					25	0	8	8
	00	8	16	2	0	3	4,5	10		28					58	0	8	15
	01	8	00	0	1	5	4	12		26					—	56?	91	50
	01	8	14	4	1	6	3	11		27					66	0	44	56
	02	9	14	3	2	5	9	12		26					79		—	162
	02	8	16	1	2	6	3	14		26					74	0	277	229
	02	9	00	0	6	7	6,4,5	11		27					66	tr	79	69
	00	9	14	3	1	3	4			27					74	0	50	32
	00	8	20	2	0	3	1			24					65	0	—	74
	02	8	08	2	1	6	4	12		26					70		—	295
MALAKAL	02	8	00	0	6	6	4,5	13		24					89	tr	326	318
WAU	02	8	16	1	1	5	4,5	13		24					89	1	256	523
JUBA	01	8	10	1	1	4	6	14		24					61	0	674	597

PRESENT WEATHER ww
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Dust Devils
Distant Lightning 07
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Heavy Thunderstorm

Upper Winds

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

27th

12 15 — 13 — 13 45
03 33 25 03 35 40 03 26 15
09 34 20 06 34 20 06 14 05
15 34 20 09 32 05 09 12 25
21 36 25 12 01 20 15 09 20
27 36 25 15 07 20 18 07 20
30 35 20 18 07 10
39 34 15 21 07 10
45 33 20 24 05 10
60 33 20 30 06 05

12 45
03 33 15
06 32 10
09 32 10
15 20 10
18 21 05
21 30 05

13 30
09 25 20
15 26 30
21 28 35
27 27 15
33 28 15
39 27 30

14 — 13 — 13 — 13 — 13 (KASSALA, EL OBEID, MALAKAL, JUBA)
09 26 15 09 21 55 09 23 25 09 23 15 09 08 15
15 24 30 15 22 75 15 23 20 15 21 20 15 03 05
21 23 40 21 22 60 21 24 15 21 20 20 21 11 15
24 23 40 27 21 35 27 26 10 27 20 25 27 10 10
30 25 30 33 20 20 33 28 15 33 22 20 33 16 25
39 28 15 — 39 35 05 — 39 17 15

28th

MATRÛH 6 45 — MARIUT — PORT SAÏD 6 45 — HELWÂN — MINYA 7 15 — ASYÛT 7 — LUXOR — ASWÂN — WADI HALFA 7 15 — ABU HAMAD 7 15 — 7 45 — 6

MATRÛH: 03 30 20 / 06 30 15 / 09 35 15 / 15 34 10 / 21 32 15 / 30 32 20 / 45 30 20 / 60 27 35
PORT SAÏD: 03 30 05 / 06 01 05 / 09 01 10 / 12 06 15 / 15 05 20 / 18 06 20 / 21 05 20 / 24 05 15 / 30 23 10
MINYA: 03 01 30 / 06 02 20 / 09 01 15 / 12 35 05 / 15 06 05 / 18 15 15 / 24 18 30 / 30 18 10 / 36 13 10
ASYÛT: 03 35 05 / 06 01 10 / 09 05 05 / 12 10 15 / 15 12 25 / 18 14 20 / 21 15 20 / 24 15 30 / 27 18 35

09 02 35 09 35 20 09 09 05 09 22 40
15 34 10 15 31 05 15 06 05 15 24 50
27 25 20 27 22 30 21 02 05 21 36 35
33 34 10 30 22 33 27 08 10
39 32 15 — 33 07 15
39 04 15

KASSALA 6 15 — PORT SUDAN 7 15 — EL OBEID 6 45 — EL FASHER 7 — 7

09 20 35 09 28 30 09 22 30 09 17 10 09 25 15
15 20 35 12 30 25 15 22 20 15 20 10 15 25 10
21 18 35 — 21 18 15 21 23 05 21 31 05
27 15 20 — 27 10 05 27 27 10 27 06 20
33 27 05 33 04 30
39 19 05 39 05 30

UPPER AIR TEMP. — ALMAZA 03.30 on 28th

Surface	1000	70	69
	982	66	66
	964	73	58
	930	74	55
	864	65	48
	801	60	38
	743	57	35
	688	31	30
	636	43	26
	588	36	26
	542	28	21
	499	23	20

27th		27th	
72	-1	22.1	0.0
50	-6	20.5	-1.0
50	-6	20.8	+0.1
42	-2	18.3	-0.9

28th 18.9°

28th 25.9°

28-6 1794 1620
27-6 1794 1620

28th

13.28	-0.23	13.30	-0.21
8.27	-0.20	8.26	-0.16
10.84	-0.23	10.82	-0.23
—	—	371.42	—
		371.35	-0.15
14.52	+0.65	14.35	+0.61
7.20	—	7.03	—
11.24	-0.10	11.18	-0.14
—	—	11.77	+0.23
11.14	+0.49	11.16	+0.55
132.38	-0.26	132.38	-0.21
108.82	—	109.24	—
86.53	+0.03	86.54	+0.05
16.42	+0.84	16.42	+0.85

28th
34700 00990 08100 08291 80002 00 XXX
34800 00990 28200 09271 80300 00 XXO

Moderate
Strong
Very strong

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 P.G.

DAILY WEATHER REPORT

Time of Sunrise 04 h. 56 m. Sunset 19 h. 00 m.

Month JUNE 1946 — شهر يونية ١٩٤٦

At 14h. on FRIDAY 28th (الساعة ١٤ يوم ٢٨) and at 20h. on 28th (الساعة ٢٠ يوم الجمعة 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 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	32	3	0	0	—	—	26.4	66	0	00	8	28	4	0	0	—	11.1	24.0	83	0	131
Mariut	00	7	29	3	0	0	—	11	28	62	0	00	7	01	1	0	0	—	11	24	74	0	150
Alexandria	00	9	28	4	0	0	—	10.7	27.0	68	0	00	5	04	2	0	0	—	11.6	24.6	74	0	132
Damietta	00	8	32	3	0	0	—	9.6	29.0	58	0	00	8	30	3	0	0	—	9.5	25.4	80	0	159
Port Sa'îd	00	8	30	4	0	0	—	9.4	30.2	62	0	00	8	23	4	0	0	—	9.8	25.3	77	0	134
El 'Arîsh	00	9	30	3	0	0	—	9.1	28.3	65	0	00	9	32	3	0	0	—	9.6	25.4	76	0	135
Lower Egypt																							
Damanhûr	00	6	04	4	1	0	—	10.0	31.8	45	0	00	7	04	2	0	0	—	10.3	24.8	77	0	136
Mansûra	01	8	02	1	1	3	8	9.1	34.2	31	0	00	5	32	1	1	0	—	10.4	25.8	69	0	137
Tanta	00	8	32	3	0	0	—	9.1	34.4	35	0	00	8	28	3	0	0	—	10.7	25.4	59	0	138
Zagazig	00	6	32	2	0	0	—	8.4	33.6	26	0	00	6	32	2	0	0	—	9.1	27.2	57	0	139
Shebîn el Kôm	00	8	02	3	0	0	—	8.7	35.9	28	0	00	7	30	2	0	0	—	9.5	27.2	54	0	—
Middle Egypt																							
Cairo Almaza	00	8	02	2	0	0	—	8.2	34.4	29	0	00	7	02	4	0	0	—	9.6	29.5	49	0	141
Cairo Ezbekiya	00	8	28	2	0	0	—	8.2	35.1	25	0	00	6	30	3	0	0	—	9.9	29.0	52	0	—
Cairo Gîza	00	8	04	1	0	0	—	9.1	34.3	29	0	00	6	04	3	0	0	—	9.4	30.0	42	0	—
Helwân	00	8	30	2	0	0	—	7.8	35.2	18	0	00	7	32	5	0	0	—	8.4	29.5	40	0	143
Suez	00	9	32	1	0	0	—	8.6	35.6	18	0	00	9	32	1	0	0	—	9.6	29.4	45	0	144
Upper Egypt																							
Faiyûm	00	8	32	1	0	0	—			23	0	00	8	32	5	0	0	—	8.2	31.2	38	0	153
Minya	00	9	02	2	0	0	—	6.4	35.8	24	0	00	8	32	1	0	0	—	6.7	30.9	34	0	154
Asyût	00	8	20	1	0	0	—	8.0	36.0	29	0	00	6	26	1	0	0	—	7.5	31.6	35	0	155
Nag Hamadi	00	8	24	1	0	0	—	7.4	37.0	27	0	00	8	00	0	0	0	—	6.4	28.4	55	0	164
Qena	00	9	24	1	0	0	—	5.9	41.0	17	0	00	6	24	1	0	0	—	5.1	32.4	35	0	156
Luxor	00	7	22	2	0	0	—	5.4	41.5	16	0	00	6	26	2	0	0	—	5.5	35.5	22	0	157
Aswân	00	9	16	1	0	0	—	4.8	40.0	12	0	00	9	00	0	0	0	—	5.1	37.0	14	0	158
Western Desert																							
Siwa	00	8	80	0	0	0	—	12.4	33.2	49	0	00		00	0	0	0	—	11.4	32.3	59	0	148
Bahariya																							149
Khârga	00	9	24	1	0	0	—	7.9	37.4	19	0	00	9	32	1	0	0	—	7.8	33.4	27	0	151
Dakhla	00	9	28	3	0	0	—	8.6	35.5	28	0	00	7	28	2	0	0	—	7.8	30.0	28	0	152
Red Sea																							
[illegible]	00	7	28	4	0	0	—	7.1	30.1	61	0	00	7	28	3	0	0	—	6.8	30.1	61	0	145
Hurghada	00	8	02	2	0	0	—	7.9	32.8	37	0	00	8	00	0	0	0	—	6.2	31.4	54	0	146
Quseir	00	8	32	2	0	0	—	7.6	32.2	35	0	00	8	02	2	0	0	—	5.9	30.0	45	0	147
Port Sûdân	06	8	22	3	0	3	8	4	43	32	—												208
Northern Sudan																							
Wadi Halfa	00	8	26	2	0	1	1	6	39	10													165
Kareima	00	8	22	3	0	2	1	6	39	09													166
Atbara	01	8	22	2	0	3	8	5	39	16													167
Khartûm	01	8	20	3	2	5	9,4	6	38	21													209
Kassala	01	8	16	1	1	4	9,4	6	35	39													170
Central Sudan																							
Wad Medani	61	9	18	4	1	8	8	9	34	32													171
Renk	01	9	10	3	1	5	8	9?	32	52													182
Roseires	02	7	12	2	1	5	9	11	32	43													172
El Obeid	10	9	12	3	6	6	6,4	6	33	36													174
El Fasher	10	9	12	2	1	5	6,8	—	34	41													175
Geneina	01	8	10	2	1	3	8	—	33	26													179
Kadugli	02	8	20	4	1	6	9	9	35	39													187
Southern Sudan																							
Malakal	02	8	24	1	1	5	8,4	9	32	52													176
Wau	02	8	16	1	5	5	8,4	9	31	55													177
Juba	01	8	32	2	1	4	8	10	31	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 28th

Matrûh 13h	Mariut 12h 45m	Wadi Halfa 13h 15m	Wadi Halfa 13h	Kassala 12h 45m	El Obeid 12h 30m	Malakal 13h	Juba 12h 45m
03 33 25	03 34 30	09 36 05	09 24 15	09 22 10	09 18 15	09 18 10	09 24 05
06 34 15	06 36 20	15 29 05	15 24 20	15 26 15	15 21 05	15 21 05	15 27 20
09 33 10	09 33 05	21 26 10	21 24 20	21 23 15	21 24 05	21 19 05	21 27 10
15 35 15	15 17 05	27 25 10	24 24 25	27 18 15	24 21 10	27 21 10	
21 30 15	21 08 05		27 25 20				
30 31 20	24 18 05						
45 30 15	30 24 05						
60 25 25	33 12 25						

(Port Sa'îd, Minya, Asyût, Luxor, Hurghada, Kareima, Khartûm: no entries.)

REMARKS

Sunrise and sunset ... Cairo ... are ... Greenwich mean time.

Station	Humidity on 28th	Diff. from normal	Average temp. on 28th	Diff. from normal
Alexandria	66	− 7	22.0	−0.2
Ezbekiya	58	+ 1	21.4	−0.2
Gîza	57	+ 1	21.4	+0.6
Helwan	53	+ 9	20.4	+1.1

GÎZA — GRASS MINIMUM TEMP. on 29th 18.1°

CAIRO — WATER TEMP. RIVER NILE on 29th 26.0°

Discharges at Aswan measured by ... m³ per sec.	1946	1945
29th	1794	1620
28th	1794	1620

Gauge	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	29th			13.28	−0.23
Nasser				8.27	−0.20
Malakâl		10.85	−0.23	10.84	−0.23
J. Aulia Res					
J. Aulia D.S					
Roseires		14.76	+0.80	14.52	+0.65
Sennar Res.				7.20	
Khartum		11.28	−0.11	11.24	−0.10
Kh. el Girba					
Atbara		11.06	+0.37	11.14	+0.49
Kajnarti				132.38	−0.26
Aswan Res.		108.38		108.82	
Aswan D.S		86.53	+0.01	86.53	+0.03
Roda (Cairo)		16.45	+0.87	16.42	+0.84

At 8h. on SATURDAY 29th (الساعة ٨ يوم السبت ٢٩)

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. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	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	3	0	0	—	11.4	−0.1	23.4	27	0	19	−1	80	0	101	161
Mariut	00	8	29	1	0	3	6	12		26	28	—	21	—	70	0	187	138
Alexandria	01	9	32	1	1	4	8	11.1	+0.1	25.4	29	0	22	0	71	0	170	186
Damietta	00	8	28	2	1	2	8	10.8	+0.8	25.5	30	—	22	—	79	0	81	106
Port Sa'îd	00	8	32	2	0	3	2	11.1	+1.4	26.2	30	0	23	+1	77	0	71	81
El 'Arîsh	01	9	20	1	1	4	3	10.6	+0.7	28.2	29	0	20	+1	70	0		94
Lower Egypt																		
Damanhûr	00	6	28	3	0	0	—	9.9	−0.4	26.0	33	+1	20	+1	74	0	92	101
Mansûra	01	8	32	1	1	3	8	11.4	+1.0	26.5	36	+1	20	0	72	0	66	55
Tanta	00	8	32	1	0	0	—	11.0	+0.5	26.2	35	0	19	0	72	0	107	44
Zagazig	00	6	30	2	0	0	—	11.1	+0.6	26.8	35	0	20	+1	66	0	24	27
Shebîn el Kôm	00	8	02	2	0	2	8	10.7	−0.1	26.6	37	—	21	—	70	0	36	—
Middle Egypt																		
Cairo Almaza	00	7	04	2	1	1	6	11.1		24.4	37	—	21		80	0	10	—
Cairo Ezbekîya	05	7	32	1	0	1	8	11.4	+0.8	25.4	36	0	22	+1	70	0	22	26
Cairo Gîza	01	7	04	1	1	4	8	11.4	+0.7	24.2	36	+1	20	+2	76	0	41	27
Helwân	00	7	32	1	0	1	1	11.0	+0.6	25.0	36	+1	21	0	68	0	20	29
Suez	00	9	32	2	0	3	1	11.4	+1.9	26.8	37	+1	23	+1	64	0	—	17
Upper Egypt																		
Faiyûm	00	8	32	3	0	0	—	10.7	+0.5	26.0	36	0	21	+1	62	0	13	8
Minya	00	8	32	3	1	2	2	9.4	0.0	27.9	37	+1	23	+2	56	0	dr.	—
Asyût	00	7	22	1	0	0	—	9.1	−0.2	27.6	38	+1	22	0	53	0	0	4
Nag Hamadi	00	8	00	0	0	0	—	7.9	−0.2	29.3	39	—	20		54	0	1	—
Qena	00	8	24	2	0	3	1	7.5	0.0	29.2	42	+1	24	0	39	0	13	—
Luxor	00	7	10	2	0	0	—	6.8	−1.0	35.0	43	+2	23	+1	24	0	0	—
Aswân	02	9	00	0	1	5	1	7.5	−0.2	31.7	41	−1	26	0	20	0	dr.	
Western Desert																		
Siwa	00	7	00	0	0	0	—	13.9	+1.0	25.4	36	−2	19	−1	80	0	5	8
Bahariya	00	9	32	1	0	0	—	11.9	+0.9	28.0	35	−1	18	−2	44	0	0	7
Khârga	00	9	08	1	0	0	—	8.4	−0.1	29.5	39	0	22	−1	38	0	1	
Dakhla	00	8	24	1	0	0	—	10.2	+0.2	29.2	36	−3	24	+1	52	0	0	
Red Sea																		
[illegible]	00	7	28	3	0	0	—	8.4	+1.3	26.3	32	−2	22	−2	72	0	0	13
Hurghada	00	8	30	3	0	0	—	7.3	−0.3	29.4	35	+1	21	−3	43	0	1	3
Quseir	00	8	32	2	0	0	—	7.2	0.0	28.3	33	0	24	−2	55	0	11	4
Port Sûdân	00	8	12	1	0	2		5		36						0	35	77
Northern Sudan																		
Wadi Halfa	00	8	32	1	0	0	—	9		30					16	0	tr.	
Kareima	00	8	32	3	0	0	—	9		32					11	0	7	2
Atbara	00	8	00	0	0	0	—	8		31					19	0	8	8
Khartûm	01	8				4	4	9		33					38	0	7	16
Kassala	21	8	16	3	5	4	8,2,4	9		29					66	tr.	91	52
Central Sudan																		
Wad Medani	01	9	18	3	1	4	3	10		31					49	tr.	44	57
Renk	01	9	18	3	1	5	8	10?		26		—		—	79	—	—	165
Roseires	02	8	12	2	1	5	4	12		27					70	0	277	234
El Obeid	02	9	18	2	1	6	4,5	9		28					52	tr.	77	70
El Fasher	02	9	12	2	1	6	[illegible]		—	27					70	0	50	33
Geneina	01	8	18	3	1	4	4		—	25		—			61	—	—	76
Kadugli	02	8	20	2	1	6	4	11		26		—			79	—	—	300
Southern Sudan																		
Malakâl																0	326	323
Wau	01	8	00	0	1	4	4	11		24						tr.	256	529
Juba	—	—	—													0	674	601

Upper Winds are in the Code HHDDVV where HH is Height 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

Matrûh 6h 15m	Mariut 6h 30m	Port Sa'îd 6h 30m	Helwan 8h 45m	Asyût 7h	Luxor 7h	Aswân 7h	Wâdi Halfa 7h 15m	[struck out] 7h 15	Khartûm 6h
03 30 20	03 35 10	03 32 10	02 01 20	02 35 10	03 01 05	02 34 10	09 01 30	09 32 20	09 25 35
06 32 15	06 35 20	06 01 05	05 02 20	05 05 15	06 02 05	05 34 25	15 01 05	15 25 35	15 27 30
09 02 15	09 36 25	09 01 05	08 06 40	10 01 20	09 08 10	10 30 15	21 33 05	21 24 15	21 32 15
15 30 15	15 28 05	12 30 05	10 08 25	15 10 10	12 10 15	15 21 05	27 36 05	27 23 45	24 33 10
21 31 15	21 30 10	15 25 05	15 28 05	20 15 20	15 14 20	20 24 05	33 20 05		10 02 05
27 29 30	30 31 20	18 26 10	20 22 20	25 13 20	18 15 20		39 25 10		39 27 10
30 27 20	39 24 05	21 21 10	23 23 35				51 34 05		
45 24 30	51 27 15	24 24 20	25 23 40						
60 29 30	60 29 10	30 22 15							

(Minya, Kareima: no entries.)

Kassala 7h	Port Sûdân 7h	El Obeid 6h 30m	El Fasher	Geneina 7h	Malakâl 7h
09 19 40	09 21 15	09 20 30		09 22 20	09 32 15
15 21 20	15 30 15	15 23 25		15 25 35	15 19 05
21 21 15	21 29 15	21 14 05		21 27 30	21 17 05
27 34 05	27 28 10	27 04 10			
33 36 10	33 28 10	33 06 30		33 31 10	33 23 05
39 24 10	39 27 15	39 05 25			
51 25 20					

CYPRUS SYNOPTIC 8h. ON 29th

34700 00990 16100 08301 30020 00210
34800 00990 24100 09261 70404 00200

UPPER AIR TEMP. ALMAZA AT 23h. G.M.T. ON 28th

Height feet	PPP mb.	T	
Surface	1002	76	69
500	984	70	67
1000	966	69	66
1500	949	71	59
2000	932	73	54
4000	865	68	53
6000	803	62	46
8000	744	58	41
10000	689	53	32
12000	637	44	26
14000	589	36	27
16000	545	27	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	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 last hour	41
Thick	47
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
...	88, 89
Thunderstorm	90-99
...	91
...	94-96

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 ... metres ... 200 ... 500 ... Visible over 50 kms. 9

CLOUD AMOUNT (N)

Clear; ... 1 Tenth; 2, 3 Tenths; ..., 6 Tenths 4; ...; ... 9 Tenths; Overcast; Fog or Dust

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)

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

CLOUD FORM (C)

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

Time of Sunrise 04 h. 57 m.
Sunset 19 h. 00 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1946 — ١٩٤٦ شهر يونيه

At 14h. on Saturday 29th — الساعة ١٤ يوم ٢٩ / At 20h. on 29th — الساعة ٢٠ يوم السبت ٢٩

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	8	32	3	0	0	—	12.6	26.0	70	0	00	8	24	3	0	0	—	13.0	24.3	80	0	131
Mariut	00	8	29	3	0	0	—	12	27	66	0	00	7	31	3	0	0	—	12	24	74	0	150
Alexandria	00	9	30	3	0	0	—	12.6	28.0	61	0	00	6	32	2	0	0	—	12.7	24.6	73	0	132
Damietta	00	8	28	3	1	0	—	11.1	27.0	76	0	01	8	30	3	1	4	8	11.0	24.0	87	0	158
Port Saʻîd	00	8	30	4	0	0	—	11.1	29.1	65	0	00	8	30	2	0	2	2	11.1	24.4	80	0	134
El ʻArîsh	00	9	30	4	0	0	—	9.0	27.9	62	0	00	9	30	3	0	0	—	10.7	25.2	76	0	135
Lower Egypt																							
Damanhûr	00	7	04	4	0	0	—	11.2	31.2	48	0	00	7	04	3	0	0	—	11.8	24.8	77	0	136
Mansûra	01	8	02	2	1	3	8	10.4	32.5	36	0	00	6	32	2	1	0	—	11.8	25.4	71	0	137
Tanta	00	8	32	3	0	0	—	11.2	32.4	38	0	00	8	28	1	0	0	—	11.4	26.8	59	0	138
Zagazig	00	6	02	2	0	0	—	8.4	—	—	0	00	6	32	3	0	0	—	10.7	26.6	61	0	139
Shebîn el Kôm	00	8	02	3	0	0	—	9.6	34.7	28	0	00	7	30	2	0	0	—	10.6	26.2	59	0	—
Middle Egypt																							
Cairo Almaza	00	8	02	3	0	0	—	9.3	34.2	34	0	00	7	04	3	0	0	—	11.1	28.5	51	0	141
Cairo Ezbekîya	00	9	26	3	0	0	—	10.0	33.8	28	0	00	6	32	3	0	0	—	11.2	27.6	50	0	—
Cairo Gîza	00	8	04	1	0	0	—	10.0	34.2	26	0	00	7	04	2	0	0	—	10.6	29.0	40	0	—
Helwân	00	8	32	3	0	1	1	8.8	34.4	21	0	00	7	32	5	0	0	—	10.2	28.5	39	0	143
Suez	00	9	32	2	0	0	—	9.4	35.0	19	0	00	9	32	2	0	0	—	10.3	26.8	59	0	144
Upper Egypt																							
Faiyûm	00	8	32	3	0	0	—	8.8	35.0	18	0	00	8	32	3	0	0	—	9.4	30.1	38	0	153
Minya	00	9	32	3	1	0	—	7.8	36.8	22	0	00	8	32	3	1	2	4	7.8	31.2	29	0	154
Asyût	00	8	30	1	0	0	—	7.4	37.7	21	0	00	6	28	1	0	0	—	7.6	32.4	22	0	155
Nag Hamâdi	00	8	00	0	0	0	—	6.2	37.0	32	0	00	8	00	0	0	0	—	6.2	31.7	36	0	164
Qena	01	9	28	2	1	3	1	5.4	40.4	20	0	00	6	22	2	1	0	—	5.0	34.0	27	0	156
Luxor	00	7	26	2	0	0	—	5.6	41.0	18	0	00	6	24	1	0	0	—	5.4	33.0	32	0	157
Aswân	00	9	18	1	0	0	—	5.0	41.0	14	0	00	9	24	1	0	0	—	5.2	34.0	18	0	158
Western Desert																							
Sîwa	00	8	26	2	0	0	—	13.2	35.0	32	0	00	—	28	2	0	0	—	12.6	33.8	51	0	148
Bahariya	00	9	32	1	0	0	—	11.0	34.0	27	0												149
Khârga	00	9	32	1	0	0	—	8.3	38.0	15	0	00	9	32	1	0	0	—	8.4	31.8	32	0	151
Dakhla	00	8	28	4	0	0	—	9.1	35.8	28	0	00	7	28	3	0	0	—	8.4	30.5	28	0	152
Red Sea																							
Tôr	00	7	20	4	0	0	—	7.6	31.2	60	0	00	7	28	4	0	0	—	—	29.1	71	0	145
Hurghâda	00	8	02	2	0	0	—	7.9	32.2	41	0	00	8	28	2	0	0	—	7.5	30.8	35	0	146
Quseir	00	8	02	2	0	0	—	7.2	33.6	47	0	00	8	02	1	0	0	—	7.1	29.0	47	0	147
Port Sûdân	00	8	08	3	0	0	—	5	35	56	0												108
North Sûdân																							
Wâdi Halfa	00	8	00	0	0	2	1	6	38	13													165
Kareima	00	8	28	3	0	0	—	6	40	06													166
ʻAtbara	00	8	22	2	0	3	8	4	41	10													167
Khartûm	01	8	30	3	1	3	8	5	39	21													169
Kassala	01	8	22	1	1	4	9	4	37	33													170
Central Sûdân																							
Wad Medani	61	8	24	3	6	6	8	9	37	33													171
Renk	02	7	16	1	1	8	8	8	34	41													182
Roseires	11	8	24	1	2	6	9	6	36	35													172
El Obeid	11	9	00	0	1	7	8,5	7	32	41													174
El Fasher	11	9	00	0	1	6	8	—	31	49													175
Geneina	10	8	20	3	0	4	8	—	34	23													179
Kadugli	01	8	20	4	1	4	9	7	34	36													187
S. Sûdân																							
Malakâl	10	7	12	2	1	4	9	7	34	47													176
Wâu	62	7	00	0	6	5	9	8	30	66													177
Juba	01	8	04	1	1	4	8	8	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 29th

Matrûh 13h.	Mariut	Port Saʻîd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa 13h.15m.	Kareima 11h.30m.	Khartûm 13h.	Kassala 12h.45m.	El Obeid 13h.	Malakal	Juba 13h.45m.
03 33 20							09 22 05	09 30 10	09 31 05	09 20 05	09 31 20		09 10 05
06 30 10							15 27 10	15 21 05	15 30 15	15 25 10	15 28 15		15 08 10
09 29 10							21 29 15	21 22 30	21 29 15	21 28 20	21 19 05		21 02 10
12 32 10							27 22 05	27 25 25	24 31 15	24 28 25	27 16 15		27 12 15
15 22 15							33 29 05						
21 30 25							39 15 05						
27 30 20													

[illegible]

Hours are [illegible] standard time along 30 E and are 2 hours [illegible] Greenwich mean time

Station	Humidity % on 29th	Diff from normal	Wet bulb temp on 29th	Diff from normal
Alexandria	70	-4	21.9	-0.4
Ezbekiya	68	+1	21.2	-0.5
Giza	55	-1	20.7	-0.1
Helwan	51	+7	20.1	+0.8

Grass minimum temp: 30th 18.8°

River temp, Cairo: 30th 26.0°

30-6	1794	1620
29-6	1794	1620

Gauge	Date	Reading	Diff from normal	Previous day Reading	Diff from normal
	1946	m.	m.	m.	m.
Jûba	30-6			13.18	-0.34
Nasser					
Malakâl				10.85	-0.23
J. Aulia Res.				371.44	—
J. Aulia D S				371.39	-0.15
Roseires		14.90	+0.85	14.76	+0.80
Sennar Res.				7.24	—
Khartum				11.28	-0.11
Khashm el Girba				12.25	+0.54
Atbara		11.03	+0.30	11.06	+0.37
[illegible]		132.42	-0.35	132.37	-0.33
Aswan Res.		107.95	—	108.38	—
[illegible] D S		86.53	-0.02	86.53	+0.01
Roda (Cairo)		16.51	+0.92	16.45	+0.87

At 8h. on Sunday 30th — الساعة ٨ يوم الأحد ٣٠

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	UU % Humidity	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	—	12.7	+1.3	24.3	27	0	20	0	73	0	101	161
Mariut	01	8	28	2	1	4	9	12	—	26	28	—	23	—	62	0	187	138
Alexandria	01	9	04	2	1	4	4	12.3	+1.4	25.0	29	0	22	0	71	0	170	186
Damietta	01	8	30	2	1	4	8	11.1	+1.2	25.7	28	—	23	—	71	0	81	106
Port Saʻîd	01	8	30	3	1	4	6	11.4	+1.8	26.2	30	0	23	+1	67	0	71	81
El ʻArîsh	01	9	30	2	1	4	3	11.1	+1.3	25.7	29	0	20	+1	67	0	—	98
Lower Egypt																		
Damanhûr	01	7	04	3	1	4	8	12.0	+1.9	26.0	32	0	20	+1	69	0	92	101
Mansûra	01	8	32	1	1	4	8	11.6	+1.3	26.8	34	-1	22	+2	64	0	66	55
Tanta	01	8	28	2	1	4	8	12.3	+1.9	25.4	33	-2	19	0	68	0	107	44
Zagazig	01	6	32	1	1	4	8	11.6	+1.2	26.7	35	0	20	+1	64	0	24	27
Shebîn el Kôm	01	8	30	2	1	4	8	11.5	+0.2	25.2	35	—	20	—	69	0	36	—
Middle Egypt																		
Cairo Almaza	01	7	04	3	1	4	8	11.6	+1.1	25.0	36	—	21	—	76	0	10	—
Cairo Ezbekîya	01	7	32	3	1	4	8	11.8	+1.3	25.9	35	-1	22	+1	63	0	22	26
Cairo Gîza	01	7	02	1	1	4	8	12.0	+1.4	25.6	35	0	21	+2	63	0	41	27
Helwân	00	7	32	5	0	2	4	11.5	+1.2	24.4	35	0	21	0	60	0	20	29
Suez	01	9	32	2	1	5	5			25.2	36	0	22	0	62	0	—	17
Upper Egypt																		
Faiyûm	01	8	32	4	1	3	8	11.2	+1.1	25.0	35	-1	21	+1	61	0	13	8
Minya	00	9	32	3	0	0	—	10.0	+0.7	25.8	38	+2	21	0	60	0	dr	—
Asyût	00	8	28	1	0	0	—	10.4	+1.2	26.8	38	+1	24	+2	47	0	0	4
Nag Hamâdi	00	8	24	1	0	0	—	8.6	+0.6	28.0	39	—	23	—	53	0	1	—
Qena	00	8	22	3	0	0	—	7.5	+0.1	28.8	42	+1	23	-1	48	0	13	—
Luxor	00	7	26	2	0	0	—	7.6	-0.1	33.5	43	+2	23	+1	35	0	0	—
Aswân	00	9	32	3	0	0	—	6.6	-1.1	31.6	42	0	26	0	17	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	15.1	+2.3	22.4	36	-2	19	-1	81	0	5	8
Bahariya	00	9	00	0	0	0	—	13.8	+2.9	28.0	37	+1	20	0	51	0	0	7
Khârga	00	9	32	4	0	0	—	10.0	+1.5	29.4	39	0	26	+3	36	0	1	—
Dâkhla	00	8	08	1	0	0	—	11.0	+1.0	29.8	37	-2	25	+2	25	0	0	—
Red Sea																		
Tôr	00	7	28	4	0	0	—	6.8	-0.2	26.2	33	-1	24	0	72	0	0	13
Hurghâda	00	8	30	4	0	0	—	6.5	0.0	28.7	33	-1	22	-2	51	0	1	3
Quseir	00	8	32	2	0	0	—	6.0	-1.1	29.6	34	+1	24	-2	49	0	11	4
Port Sûdân	00	8	08	1	0	0	—	4		38					42	0	35	97
North Sûdân																		
Wâdi Halfa	00	8	02	1	1	3	1	8		29					18	0	tr	—
Kareima	00	8	02	2	0	3	1	8		32					15	0	7	2
ʻAtbara	01	8	30	2	1	4	1	7		33					19	0	8	8
Khartûm	01	8	20	3	1	4	2	8		31					49	0	8	16
Kassala	01	8	20	2	1	4	4	8		27					70	0	91	53
Central Sûdân																		
Wad Medani	01	9	18	3	0	3	3	9		28					52	0	44	58
Renk	02	9	18	3	5	8	6	11		35		—		—	30	—	—	168
Roseires	02	8	16	1	2	6	9,5	12		24					84	18	275	239
El Obeid	64	7	12	4	6	8	9,4	12		23					94	5	104	72
El Fâsher	01	9	18	2	0	3	8,4	—	—	26					89	0	50	34
Geneina	01	8	20	2	1	4	4	—	—	25		—		—	65	—	—	79
Kadugli	02	8	20	3	1	7	8	13		24		—		—	84	—	—	305
S. Sûdân																		
Malakâl	02	7	24	2	1	5	4,5	12		24					84	1	327	328
Wâu	02	8	20	3	1	7	9	14		23					94	36	292	535
Juba	01	8	16	2	0	4	6,4	13		23					89	6	680	605

Upper Winds are in the Code HHDDVV where HH is Height 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 6h.30m.	Mariut 6h.45m.	Port Saʻîd 6h.45m.	Helwân 11h.30m.	Minya 6h.45m.	Asyût 7h.	Luxor 6h.30m.	Aswân 7h.	Wâdi Halfa 7h.15m.	Abu Hamad 7h.	Kareima 7h.	Khartûm
03 31 25	03 33 25	03 33 25	02 36 35	03 36 35	02 35 10	03 30 05	02 36 15	09 02 30	09 33 25	09 01 20	
06 34 25	06 32 25	06 34 25	05 01 30	06 01 50	05 35 30	06 02 15	05 36 35	15 34 10	15 33 10	15 35 15	
09 35 15	09 32 30	09 33 20	08 01 25	09 35 35	10 34 30	09 03 15	10 01 10	21 13 05	21 25 05	21 30 05	
15 01 25	15 32 30		10 02 20	15 01 15		15 21 05	15 36 05	27 17 30	27 19 15	24 29 05	
21 36 25			15 05 20	21 22 20		21 22 10	20 19 10	33 15 30	33 19 25	30 26 05	
30 34 20			20 30 10	30 19 10			25 19 10	39 16 15	39 20 15		
45 31 10			23 28 15				30 20 10				
60 26 30			25 27 20				35 28 05				
75 21 50			30 27 05								

Kassala	Port Sûdân 7h.	El Obeid	El Fâsher 7h.	Geneina	Malakal 6h.30m.
	09 22 10		09 21 15		09 25 50
	15 27 10		15 23 20		15 25 30
	21 34 15		21 22 40		21 24 15
	33 01 10		27 30 10		27 19 05
	39 10 05				30 27 05
					39 27 05

Upper air temp — Almaza at 4h G.M.T. on 30th

Height feet	PPP mb.	TT °F	
Surface	1002	70	68
500	984	66	64
1000	966	66	62
1500	949	64	62
2000	932	62	59
4000	865	68	45
6000	803	64	41
8000	744	59	36
10000	689	52	32
[illegible]	637	45	29
[illegible]	589	40	28
[illegible]	546	39	28

Cirrus [illegible] 8h on 30th
34700 00990 16100 09271 70003 00170.
34800 01990 26204 09271 40801 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	90-89
,, 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 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
8 Tenths	
9 Tenths	
Over 9 Tenths	
Overcast	8
Fog or Dust	

WIND FORCE (F)

		Force
Calm		
Almost calm	6	
Very light	12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	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] 1-32, 9 = East, 18 = South, 27 = West, 36 = North.

CLOUD FORM (C)

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

Time of Sunrise h. 04 m. 57
Sunset h. 19 m. 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month ~~JULY~~ 1946 — ١٩٤٦ شهر يوليه

1417 F.G.

At 8h. on Sunday 30th June — الساعة ٨ يوم ٣٠/٦ | At 20h. on 30th June — الساعة ٢٠ يوم الأحد ٣٠/٦

Station	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 h. mms	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
	ww	V	DD	F	W	N	C	PPP	TTT	UU		ww	V	DD	F	W	N	C	PPP	TTT	UU		
[Sallum]																							130
[Matruh]	00	9	30	4	0	0	—	12.6	26.5	80	0	00	8	32	4	0	0	—	11.8	26.4	73	0	131
[Mariut]	01	8	27	3	0	5	8	12	28	62	0	02	7	29	2	2	5	6	11	25	74	0	150
[Alexandria]	01	9	28	3	2	5	8	12.0	27.2	68	0	02	6	28	2	2	5	8	11.5	25.0	71	0	132
[Damietta]	01	8	30	3	1	3	8	10.6	27.0	76	0	01	7	28	2	1	4	8	9.9	24.2	88	0	153
[Port Said]	00	8	32	3	0	2	2	10.7	29.4	60	0	01	8	30	3	1	4	8	10.2	24.6	79	0	134
[El Arish]	00	9	30	3	0	0	—	10.4	27.9	54	0	00	9	30	2	0	0	—	10.0	24.6	76	0	135
[Damanhur]	01	7	04	3	1	3	8	11.4	29.0	59	0	01	7	04	3	1	4	8	10.7	23.6	78	0	136
[Mansura]	01	8	02	2	1	4	8	10.6	31.2	46	0	00	6	04	2	1	0	—	10.3	25.6	74	0	137
[Tanta]	00	8	32	3	1	3	8	11.1	31.0	48	0	00	8	28	3	0	0	—	10.1	25.6	71	0	138
[Zagazig]	00	6	24	2	0	2	—	9.0	32.2	40	0	00	6	30	2	0	0	—	10.8	27.4	62	0	139
[Shebin el Kom]	00	8	30	3	1	2	8	10.3	32.8	40	0	00	7	30	2	0	0	—	11.2	25.8	57	0	—
[Almaza]	00	8	30	2	0	0	—	9.8	32.2	47	0	00	7	02	2	0	0	—	9.5	29.0	47	0	141
[Ezbekiya]	05	7	32	2	0	0	—	10.2	31.6	39	0	00	7	32	1	0	0	—	10.0	28.5	52	0	—
[Giza]	00	8	02	1	0	0	—	10.8	32.2	37	0	00	7	30	1	0	0	—	10.0	28.7	49	0	—
[Helwan]	00	8	30	3	0	0	—	9.5	31.6	31	0	00	7	30	3	0	0	—	9.0	28.6	47	0	143
[Suez]	00	9	02	2	0	0	—	10.0	32.0	33	0	00	9	02	2	0	0	—	10.3	28.2	56	0	144
[Faiyum]	00	8	32	3	0	0	—	9.5	32.8	28	0	00	8	32	3	0	0	—	9.2	29.0	30	0	153
[Minya]	00	9	32	4	0	0	—	8.6	34.7	28	0	00	8	30	1	0	0	—	8.0	30.0	36	0	15[illegible]
[Asyut]	00	8	28	2	0	0	—	8.3	34.0	22	0	00	6	28	1	0	0	—	8.3	30.9	28	0	15[illegible]
[Nag Hamadi]	00	8	24	1	0	0	—	6.3	35.0	31	0	00	8	00	0	0	0	—	6.2	30.0	41	0	164
[Qena]	00	9	22	2	0	0	—	4.4	40.0	18	0	00	6	22	2	0	0	—	6.0	32.4	23	0	[illegible]
[Luxor]	00	7	30	2	0	0	—	5.4	42.0	20	0	00	6	30	3	0	0	—	5.1	34.2	26	0	[illegible]
[Aswan]	00	9	18	1	0	0	—	4.0	40.0	12	0	00	9	32	3	0	0	—	4.4	36.5	09	0	[illegible]
[Siwa]	00	8	00	0	0	0	—	14.2	34.0	56	0	00	—	00	0	0	0	—	12.6	31.8	70	0	14[illegible]
[Bahariya]	00	9	00	0	0	0	—	11.5	35.0	24	0												149
[Kharga]	00	9	32	2	0	0	—	9.1	36.2	18	0	00	9	32	1	0	0	—	8.4	32.2	23	0	151
[Dakhla]	00	8	28	4	0	0	—	9.4	34.2	33	0	00	7	28	2	0	0	—	8.8	27.2	38	0	152
[Tor]	00	7	28	5	0	0	—	7.0	28.2	70	0	00	7	28	4	0	0	—	6.6	30.2	72	0	[illegible]
[Hurghada]	00	8	32	4	0	0	—	7.6	31.7	43	0	00	8	28	4	0	0	—	6.7	30.0	44	0	146
[Quseir]	00	8	32	2	0	0	—	6.2	33.0	50	0	00	8	32	2	0	0	—	6.8	29.8	54	0	[illegible]
[Port Sudan]	00	8	06	3	0	1	4	3	36	35													[blot]
[illegible]	00	8	04	3	0	1	1	5	39	09													165
[illegible]	00	8	30	5	1	3	1	5	40	06													166
[illegible]	00	8	28	2	1	0	—	3	41	10													167
[Khartum]	02	8	24	1	2	5	8,2.	5	39	12													[blot]
[Kassala]	01	8	24	2	1	5	8,4.	3	37	29													170
[illegible]	01	8	18	3	0	5	8	4	39	16													171
[illegible]	01	8	18	3	2	4	1	9	32	50													[illegible]
[Roseires]	02	8	28	1	2.	5	8	7	31	59													172
[El Obeid]	02	9	20	3	1	6	8,4.	7	31	49													174
[El Fasher]	10	9	04	2	1	5	9,4.	—	35	30													175
[Geneina]	01	8	20	3	1	5	8,4.	—	33	32													179
[Kadugli]																							187
[Malakal]	02	8	30	2	1	7	6,4	10	29	62													176
[Wau]	02	8	24	2	8	7	4,5	10	26	74													177
[Juba]	28	8	28	3	9	8	6,4	12	23	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.

Matruh	Mariut	Port Said	Almaza	Minya	Luxor	Hurghada	Wadi Halfa	Kareima	Khartum	Kassala	El Obeid	Malakal	Juba
					12h. 45m.		13h.	12h. 45m.	13h. 15m.	12h. 45m.	13h.	13h.	13h. 45m.
					03 28 20		09 01 10	09 27 20	09 30 10	09 26 15	09 22 15	09 22 10	09 09 10
					06 30 20		15 31 10	15 27 20	15 22 05	15 22 25	15 25 20	15 29 10	
							21 18 10	21 27 30	18 22 05	21 25 20	21 33 05		
							27 14 05	24 27 20	21 16 05	27 26 05	27 06 30		
							33 10 10	27 27 60	24 29 05		33 10 25		
							39 19 10	30 26 55	27 31 10				
									30 30 20				

Remarks

[illegible] standard time of 30 E and are [illegible] time

	30-6	Diff. from normal	30-6	Diff. from normal
Alexandria	69	-5	22.0	-0.3
Ezbekiya	56	-1	21.5	-0.2
Giza	53	-3	21.4	+0.6
Helwan	51	+7	20.1	+0.7

Grass Minimum Temp. 1-7 20.5°

1-7	1852	1620
30-6	1794	1620

1-7 26.1°

Gauge	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
			8.32	-0.24
			10.97	-0.12
[illegible] Res.			371.49	—
[illegible] S			371.42	-0.15
	15.32	+1.17	10.90	+0.25
Sennar Res.			7.26	—
	11.39	-0.10	11.22	-0.11
	11.04	+0.25	11.03	+0.30
	132.54	-0.28	132.42	-0.35
	107.44	—	107.95	—
	86.60	+0.03	86.53	-0.02
			16.51	+0.32

At 8h. on Monday 1st — الساعة ٨ يوم الاثنين أول

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 normal	Min. Today °C	Min. Diff. from normal	% Humidity	Rainfall Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
		ww	V	DD	F	W	N	C	PPP		TTT	MM		mm		UU	mms	mms	mms
Mediterranean	Sallum												—		—				99
	Matruh	00	9	24	4	0	0	—	11.1	-0.2	24.8	27	0	21	+1	77	0	101	161
	Mariut	00	8	28	2	1	2	6	9	—	26	28	—	22	+1	74	0	187	138
	Alexandria	01	9	30	2	2	4	4	9.5	-1.3	25.2	29	0	22	0	79	0	170	186
	Damietta	00	8	20	1	1	0	—	8.7	-1.1	26.8	28	—	21	—	77	0	81	106
	Port Said	00	8	28	2	0	3	2	8.8	-0.7	25.8	30	0	23	+1	69	0	71	81
	El Arish	00	9	18	1	0	0	—	8.8	-0.9	28.1	29	0	19	0	58	0	—	94
Lower Egypt	Damanhur	01	6	04	3	1	3	8	9.4	-0.6	26.8	30	-3	21	+2	72	0	92	101
	Mansura	01	8	02	1	1	3	8	9.2	-0.9	26.2	33	-2	22	+2	72	0	66	55
	Tanta	01	8	24	1	1	3	8	9.9	-0.4	25.2	32	-3	21	+2	74	0	107	44
	Zagazig	00	6	24	1	0	0	—	8.8	-1.5	26.4	33	-2	22	+3	63	0	24	27
	Shebin el Kom	00	8	30	1	1	1	8	8.6	-2.0	26.2	34	—	22	—	64	0	36	—
Middle Egypt (Cairo)	Almaza	00	7	32	1	0	2	8	8.9	-1.5	25.6	34	—	22	—	61	0	10	—
	Ezbekiya	05	7	32	2	0	1	8	9.0	-1.4	26.1	34	-2	23	+2	60	0	22	26
	Giza	01	7	06	1	1	3	8	9.1	-1.4	25.8	33	-2	22	+3	63	0	41	27
	Helwan	00	7	32	2	1	3	8	8.8	-1.4	24.1	33	-2	22	+1	64	0	20	29
	Suez	01	9	32	1	1	4	8	9.8	+0.5	25.3	34	-2	22	0	62	0	—	17
Upper Egypt	Faiyum	02	8	32	3	2	6	6	8.7	-1.3	25.2	34	-2	21	+1	60	0	13	8
	Minya	02	8	30	3	2	5	8	8.7	-0.5	25.2	35	-1	21	0	62	0	dr	—
	Asyut	00	7	28	1	0	0	—	8.8	-0.3	25.8	36	-1	23	+1	67	0	0	4
	Nag Hamadi	00	8	24	1	0	0	—	7.0	-1.0	27.6	36	—	22		58	0	1	—
	Qena	00	8	22	3	0	0	—	6.2	-1.2	28.0	42	+1	24	0	52	0	13	—
	Luxor	00	7	30	2	0	0	—	6.2	-1.5	34.0	43	+2	22	0	31	0	0	
	Aswan	00	9	32	1	0	0	—	5.9	-1.7	30.3	42	0	26	0	27	0	dr	—
Western Desert	Siwa	00	7	00	0	0	0	—	13.4	+0.6	25.0	36	-2	20	0	84	0	5	8
	Bahariya	00	9	32	1	0	0	—	10.7	-0.1	24.3	37	+1	20	0	58	0	0	7
	Kharga	00	9	30	2	0	0	—	9.2	+0.8	27.7	37	-2	25	+2	44	0	1	—
	Dakhla	00	8	28	2	0	0	—	10.7	+0.8	26.4	35	-4	22	-1	50	0	0	
Red Sea	Tor	00	7	28	4	0	0	—	7.1	+0.2	26.9	32	-2	25	+1	76	0	0	13
	Hurghada	00	8	30	4	0	0	—	6.5	-0.9	27.8	33	-1	23	-1	57	0	1	3
	Quseir	00	8	32	3	0	0	—	4.8	-2.2	29.0	34	+1	26	0	56	0	11	4
	Port Sudan	02	8	06	2	1	6	2	3		33					53	0	35	97
North Sudan	Wadi Halfa																0	tr	
	Kareima																0	7	2
	Atbara	02	8	28	3	1	8	2	5		32					17	0	8	9
	Khartum	02	8	20	3	1	7	2	9		30					40	0	8	17
	Kassala	02	8	18	3	1	8	2	9		27					66	0	91	54
Central Sudan	Wad Medani																0	44	59
	[Sennar]	02	9	18	3	5	8	8	12		24					84		—	171
	Roseires	51	8	12	1	5	8	9,5	15?		22					94	46	341	244
	El Obeid	02	9	20	4	1	7	6,4	10		28					62	0	104	73
	El Fasher	01	8	00	0	1	3	4	—	—	32					50	0	50	35
	Geneina	01	8	00	0	1	4	4	—	—	24		—		—	74	—	—	82
	Kadugli	02	8	12	4	1	6	9	12		25		—		—	79	—	—	310
S. Sudan	Malakal	51	8	12	1	5	8	7,4	13		23					98	tr	327	333
	Wau	02	8	16	1	1	6	6,4	13		23					89	3	295	541
	Juba	02	8	12	1	1	8	4,5	14		22					94	35	715	603

Upper Winds are in the Code HHDDVV where HH is Height 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 أول

Matruh	Mariut	Port Said	Helwan	Minya	Asyut	Luxor	Aswan	Wadi Halfa	Abu Hamad	Kareima	Khartum
6h. 30m.	7h. 45m.		8h. 45m.		7h.		7h.				7h.
03 31 30	03 22 15		02 34 10		02 33 10		02 36 10				09 32 05
06 36 40			05 02 10		05 36 25		05 35 30				15 31 05
09 36 35			08 04 20		10 34 25		10 01 15				21 31 05
15 34 20			10 03 30		15 30 10		15 24 05				30 30 05
21 31 15			15 03 25				20 25 10				33 30 05
30 03 05			20 03 20								
45 01 20			23 05 20								
60 19 25			25 03 15								
75 24 25			30 36 05								

Kassala	Port Sudan	El Obeid	El Fasher	Geneina	Malakal
6h. 05m.	7h.	7h.		7h.	7h.
09 21 35	09 20 40	09 23 20		09 21 10	09 23 25
15 22 20	15 22 30	15 24 30		15 25 35	15 23 20
21 27 40	21 31 20	21 25 50		21 01 10	21 23 20
27 28 30	27 29 10	27 26 60		27 07 20	27 27 10
33 34 25	33 23 05			30 08 30	33 01 05
	39 22 15				39 35 10

Upper Air Temp. Almaza at 6h. on 1st

Height			
Surface	1000	75	68
500	988	69	64
1000	964	66	62
1500	947	63	61
2000	930	62	59
3000	864	71	44
4000	801	65	40
5000	743	60	36
6000	688	57	34
	636	50	29
	588	45	29
	542	42	31

[illegible] on 1st

24700 00290 20200 07311 90000
34910 00990 32300 08311 00303

WIND FORCE (F): Calm; Almost calm; Very light; Light; Moderate; Fresh; Strong; Very strong; Gale; Strong gale; Whole gale; Storm; ...

PRESENT WEATHER ww: Clear 00; Partly cloudy 01; Cloudy 02; Overcast 03; Low Fog; Thin Haze; Dust Devils; Distant Lightning; Light Mist; Distant Fog; ... Drizzle 50-59; Rain 60-69; Rain and Fog; Rain and Snow 68, 69; Snow 70-79; Showers 80-89; Snow 83, 84; of Sleet 85, 86; Hail 88, 89; Thunderstorm 90-99; ... with Hail 96; with Duststorm 98; heavy, with Hail 99

PAST WEATHER (W): Clear, slight cloud; ... Duststorm; Fog, thick dust haze 4; Drizzle 5; Rain 6; Showers 8; Thunderstorm 9

VISIBILITY (V): Objects not visible at 50 metres 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; 3 Tenths; 5, 6 Tenths 4; ... Tenths; Over 9 Tenths; Overcast; Fog or Dust

CLOUD FORM (C): Cirrus; Cirro stratus; Cirro cumulus; Alto cumulus; Alto stratus; Strato cumulus; Stratus; Cumulus; Cumulo nimbus; ...

30-6
1-7