CAIRO
Time of Sunrise h. 04 m. 57
Sunset h. 19 m. 00

(MINISTRY OF PUBLIC WORKS) PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JULY 1947 — شهر جويلية ١٩٤٧

1417 F.C.

At 14h on Monday 30-6 — الساعة ١٤ يوم ٦/٣٠

	STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms.	STATION NUMBER
MEDITERRANEAN	SALUM												130
	MATRUH	00	9	26	4	0	0	—	9.8	26.9	70	0	131
	MARIUT	03	6	27	4	0	0	—	7	29	70	0	150
	ALEXANDRIA	00	9	28	6	0	0	—	7.9	28.0	71	0	132
	DAMIETTA	00	8	28	4	1	0	—	6.6	28.0	77	0	159
	PORT SAÏD	03	6	28	4	3	0	—	6.6	30.7	59	0	134
	EL 'ARÎSH	00	9	30	4	0	0	—	7.2	28.7	58	0	135
LOWER EGYPT	DAMANHUR	00	7	28	4	0	0	—	7.6	31.4	46	0	136
	MANSURA	00	8	24	2	0	0	—	6.8	32.4	47	0	137
	TANTA	00	8	28	3	1	0	—	6.7	32.0	45	0	138
	ZAGAZIG	00	6	24	2	0	0	—	7.1	35.2	31	0	139
	SHEBIN EL KÔM	00	8	24	3	0	0	—	7.5	34.0	36	0	—
MIDDLE EGYPT CAIRO	ALMAZA	00	8	32	3	0	0	—	5.9	34.1	31	0	141
	EZBEKÎYA	00	8	28	3	0	1	8	6.2	34.1	34	0	—
	GÎZA	00	8	30	1	0	0	—	6.0	34.0	45	0	—
	HELWÂN	00	7	28	5	0	1	8	5.6	33.6	27	0	143
	SUEZ												144
UPPER EGYPT	FAIYUM	00	8	32	3	0	0	—	5.5	35.0	24	0	153
	MINYA	00	9	04	3	1	0	—	7.2	34.0	36	0	154
	ASYUT	00	8	28	2	0	0	—	6.4	33.8	30	0	155
	NAG HAMÂDI	00	8	24	3	0	0	—	3.6	34.0	33	0	164
	QENA	00	8	24	2	0	0	—	4.0	40.0	11	0	156
	LUXOR	00	9	26	3	0	0	—	4.3	39.6	16	0	157
	ASWAN	00	9	32	4	0	0	—	5.0	40.4		0	158
WESTERN DESERT	SÎWA	00	8	28	4	0	0	—	11.4	37.3	34	0	148
	BAHARIYA	00	8	32	2	0	0	—	7.0	34.5	23	0	149
	KHARGA	00	9	32	2	0	0	—	—	35.0	29	0	151
	DAKHLA	00	9	30	2	0	0	—	7.1	35.6	12	0	152
RED SEA	TOR	00	7	28	6	0	0	—		29.2	58	0	145
	HURGHADA	00	8	32	6	0	0	—	3.6	32.4	45	0	146
	QUSEIR	00	8	32	2	0	0	—	3.0	31.4	52	0	147
	PORT SUDÂN	18	6	06	6	1	0	—	0	36	—		208
NORTH SUDAN	WADI HALFA	18	7	30	5	1	—	2	3	39	09		165
	KAREIMA	02	7	32	4	2	8	4,2	3	43	05		166
	'ATBARA	00	7	32	3	1	0	—	99	43	—		167
	KHARTÛM	00	7	24	1	0	0	—	1	38	21		209
	KASSALA	00	8	24	3	1	2	8,1	97	39	24		170
CENTRAL SUDAN	WAD MEDANI	01	8	24	4	1	3	8	2	38	25		171
	RENK	01	9	20	2	1	5	1	7	36	50		182
	ROSEIRES	00	8	16	1	0	0	—	7	30	55		172
	EL OBEID	02	9	32	3	1	5	8,2	3	37	27		174
	EL FASHER	02	7	32	5	1	7	2	—	38	15	—	175
	GENEINA	00	8	02	3	0	3	8,1	—	34	34	—	179
	KADUGLI	02	8	12	1	2	6	4	10	32			187
S. SUDAN	MALAKAL	02	8	24	3	2	7	4,5	7	28	66		176
	WAU												177
	JUBA												193

At 20h on 30-6 — الساعة ٢٠ يوم الاثنين ٦/٣٠

	STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms.	STATION NUMBER
MEDITERRANEAN	SALUM												130
	MATRUH	01	8	26	6	1	4	8	8.6	25.4	87	0	131
	MARIUT	00	7	28	3	0	0	—	7	26	79	0	150
	ALEXANDRIA	01	6	28	5	1	3	8	7.5	25.0	88	0	132
	DAMIETTA	00	7	28	4	1	2	8	6.0	25.9	84	0	159
	PORT SAÏD	01	8	28	3	1	4	8	6.4	26.1	75	0	134
	EL 'ARÎSH	01	9	28	3	1	4	8	5.2	26.2	78	0	135
LOWER EGYPT	DAMANHUR	00	7	28	3	0	0	—	6.7	25.8	73	0	136
	MANSURA	00	6	04	2	0	0	—	6.4	26.8	68	0	137
	TANTA	00	8	28	1	0	0	—	7.0	25.4	65	0	138
	ZAGAZIG	00	6	04	2	0	0	—	6.8	27.0	69	0	139
	SHEBIN EL KÔM	00	7	02	2	0	0	—	7.4	26.4	56	0	—
MIDDLE EGYPT CAIRO	ALMAZA	00	7	30	2	0	0	—	6.1	29.1	43	0	141
	EZBEKÎYA	00	7	28	3	0	0	—	6.8	29.1	50	0	—
	GÎZA	00	7	32	1	0	0	—	6.6	27.9	55	0	—
	HELWÂN	00	7	32	4	0	0	—	6.0	29.0	40	0	143
	SUEZ	00	9	32	1	0	0	—	6.3	29.8	52	0	144
UPPER EGYPT	FAIYUM	00	8	02	2	0	0	—	5.9	30.0	34	0	153
	MINYA	01	9	32	2	1	2	1		30.0	49	0	154
	ASYUT	00	6	30	1	0	0	—	5.9	31.2	31	0	155
	NAG HAMÂDI	00	8	24	1	0	0	—	3.6	30.1	36	0	164
	QENA	00	6	24	2	0	0	—		34.3	23	0	156
	LUXOR	00	8	02	3	0	0	—	4.2	33.4	27	0	157
	ASWAN	00	9	32	2	0	0	—	3.6	35.0	19	0	158
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	13.1	30.5	55	0	148
	BAHARIYA	00	7	32	1	0	0	—	6.6	31.5	21	0	149
	KHARGA	00	9	32	1	0	0	—	—	32.4	22	0	151
	DAKHLA	00	8	28	1	0	0	—	5.6	31.8	18	0	152
RED SEA	TOR	00	7	28	5	0	0	—		28.5	63	0	145
	HURGHADA	00	8	30	5	0	0	—	1.2	30.8	52	0	146
	QUSEIR	00	8	28	1	0	0	—	1.9	29.2	55	0	147
	PORT SUDÂN												208
NORTH SUDAN	WADI HALFA												165
	KAREIMA												166
	'ATBARA												167
	KHARTÛM												209
	KASSALA												170
CENTRAL SUDAN	WAD MEDANI												171
	RENK												182
	ROSEIRES												172
	EL OBEID												174
	EL FASHER												175
	GENEINA												179
	KADUGLI												187
S. SUDAN	MALAKAL												176
	WAU												177
	JUBA												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 30-6 — ٦/٣٠

MATRUH h. m.	MARIUT h. m.	PORT SAÏD h. m.	ALMAZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHADA h. m.	WADI HALFA h. m.	KAREIMA 12h 45m	KHARTÛM 14h m.	KASSALA 13 h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
								03 35 20	06 36 05	06 24 30			
								06 02 20	09 22 05	12 24 20			
								09 01 20	15 03 05	15 24 20			
								15 04 30	21 01 15	21 24 15			
								21 04 35	24 01 20	24 24 20			

At 8h on Tuesday 1st — الساعة ٨ يوم الثلاثاء أول

	STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	TEMPERATURE 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	SALUM											—		—					99
	MATRUH	00	9	26	4	0	0	—	6.3	-5.0	25.8	28	+1	24	+4	74	0	55	161
	MARIUT	00	7	28	3	0	3	6	4		27	29	—	23	—	74	0	139	138
	ALEXANDRIA	01	9	28	5	2	5	4	5.0	-5.8	26.2	30	+1	24	+2	74	0	106	186
	DAMIETTA	01	8	28	4	1	3	8	3.9	-5.9	26.7	29	—	21	—	80	0	32	106
	PORT SAÏD	01	8	26	2	2	5	6	4.4	-5.1	26.4	31	+1	24	+2	76	0	27	81
	EL 'ARÎSH	02	9	20	2	2	5	8	3.9	-5.8	28.7	30	+1	23	+4	64	0	47	94
LOWER EGYPT	DAMANHÛR	01	7	28	5	1	4	8	5.1	-4.9	27.3	32	-1	21	+2	65	0	84	101
	MANSÛRA	01	8	02	2	1	4	8	4.6	-5.5	26.8	33	-2	22	+2	74	0	15	55
	TANTA	01	8	28	2	1	3	8	4.7	-5.6	26.6	32	-3	19	0	72	0	8	44
	ZAGAZIG	01	6	24	2	0	3	4	5.0	-5.3	28.0	36	+1	21	+2	77	0	24	27
	SHEBÎN EL KÔM	00	8	22	2	0	0	—	5.5	-5.1	27.2	35	—	21	—	69	0	9	—
MIDDLE EGYPT CAIRO	ALMAZA	01	7	26	2	2	4	6	4.9	-5.5	24.9	35	—	23	—	74	0	14	—
	EZBEKÎYA	02	6	26	2	0	4	8	5.5	-4.9	26.5	35	-1	23	+2	70	0	13	26
	GÎZA	02	7	28	1	2	5	6	6.2	-4.3	27.6	34	-1	20	+1	66	0	20	27
	HELWÂN	01	7	28	3	1	3	8	5.1	-5.1	24.9	34	-1	22	+1	71	0	5	29
	SUEZ	01	9	28	1	1	5	5	5.4	-3.9	26.8	36	0	23	+1	66	0	4	17
UPPER EGYPT	FAIYÛM	01	8	00	0	1	2	8	7.9	-2.1	26.2	36	0	21	+1	67	0	8	8
	MINYA	00	9	30	2	0	0	—	6.2	-3.0	27.4	36	0	20	-1	59	0	dr	—
	ASYÛT	00	7	22	1	0	0	—	5.5	-3.6	26.1	35	-2	21	-1	55	0	0	4
	NAG HAMÂDI	00	8	24	2	0	0	—				35	—	22	—	50	0	0	—
	QENA	00	7	26	3	0	0	—	2.8	-4.6	30.4	41	0	27	+3	28	0	dr	—
	LUXOR	00	9	30	3	0	0	—	3.6	-4.1	32.0	40	-1	26	+4	28	0	dr	—
	ASWÂN	00	9	32	3	0	0	—	4.0	-3.6	32.3	40	-2	27	+1	29	0	dr	—
WESTERN DESERT	SÎWA	00	7	28	2	0	0	—	10.4	-2.4	26.0	38	0	22	+2	79	0	2	8
	BAHARÎYA	00	8	32	2	0	0	—	7.5	-3.3	26.5	35	-1	20	0	49	0	dr	7
	KHARGA	00	9	32	1	0	0	—	—	—	29.5	37	-2	26	+3	36	0	dr	—
	DAKHLA	00	8	28	1	0	0	—	7.1	-2.8	29.8	37	-2	23	0	27	0	dr	—
RED SEA	TOR	00	7	28	4	0	0	—	2.8	-4.1	27.9	31	-3	22	-2	62	0	2	13
	HURGHADA	00	8	30	4	0	0	—	3.0	-4.4	29.1	32	-2	23	-1	56	0	dr	3
	QUSEIR	00	8	32	2	0	0	—	2.3	-4.7	29.5	33	0	27	+1	62	0	dr	4
	PORT SÛDÂN																4	149	97
NORTH SUDAN	WADI HALFA																0	tr	—
	KAREIMA	01	7	02	3	1	4	1	6		32					15	0	1	2
	'ATBARA	01	7	32	2	1	3	4	4		33					19	0	tr	9
	KHARTÛM																0	14	17
	KASSALA	00	7	12	3	1	1	4	6		28					62	4	36	54
CENTRAL SUDAN	WAD MEDANI	01	9	16	4	1	4	4	7		27					66	1	93	59
	RENK	00	9	20	3	0	0	—	8		26					84	—	—	171
	ROSEIRES	01	8	16	2	1	4	4	7		24					66	0	235	249
	EL OBEID	02	8	20	4	1	7	4,2	6		27						0	158	73
	EL FÂSHER																0	45	35
	GENEINA																—	—	82
	KADUGLI	01	8	12	1	1	4	2	9		24					69	—	—	310
S. SUDAN	MALAKÂL	01	8	24	1	1	4	4	10		24					84	0	325	333
	WAU	02	8	00	0	0	5	—	9		22					94	5	653	541
	JUBA	02	8	12	3	1	6	4,2	11		24					84	0	681	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

MATRUH h. m.	MARIUT h. m.	PORT SAÏD h. m.	HELWÂN 8 h 45 m	MINYA h. m.	ASYUT 7 h. m.	LUXOR 7 h 30 m	ASWÂN 7 h. m.	WADI HALFA h. m.	ABU HAMAD 6 h 45 m	KAREIMA 7 h 15 m	KHARTÛM 7 h. m.
			02 32 30		02 32 15	03 30 10	02 35 15		06 33 20	03 36 30	06 25 30
			05 32 60		05 34 30	06 32 35	05 34 35		09 35 30	06 36 40	09 20 30
			08 31 25		10 01 35	09 33 45	10 34 55		15 35 35	09 36 40	15 35 15
			10 32 20			12 34 40	15 33 40		21 33 30	15 36 40	21 35 10
			15 33 50			15 34 40	20 28 25		24 31 30	21 01 30	27 03 15
			19 33 35			18 34 30	26 28 35		30 22 15	24 02 30	30 36 10
							30 26 25		33 21 30		33 01 10
							35 24 25				39 07 15
							40 24 25				

KASSALA 7 h m.	PORT SÛDÂN 7 h m	EL OBEID 7 h 15 m	EL FÂSHER h m.	GENEINA h m.	MALAKAL h m.
06 18 35	09 23 10	06 21 25			
09 19 40		09 24 45			
15 20 40		15 29 50			
21 22 30		21 33 35			
24 27 35		24 34 35			
30 27 35		27 01 35			
33 30 40		30 04 20			

UPPER AIR TEMP ALMAZA — AT G.M.T. ON

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

CLIMATE SYNOPTIC 8h ON 1st

Remarks

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

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STATION	Mean of day: Humidity % on 30-6	Humidity Diff. from normal	Wet Bulb Temp °C on 30-6	Wet Bulb Temp Diff. from normal	Previous day: Reading	Diff. from normal
Alexandria	79	+5	23.5	+1.2		
Ezbekiya	57	0	23.3	+0.6		
Giza	59	+3	23.2	+2.4		
Helwân	52	+8	20.7	+1.3		

GÎZA — GRASS MINIMUM TEMP ON 1st 18.0 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 1st °C

GAUGE	Date 1947	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	7				
Nasser				8.70	+0.14
Malakâl		11.19	+0.08	11.16	+0.07
J. Aulia Res.				371.53	—
J. Aulia D.S				371.42	-0.15
Roseires		13.54	-0.61	13.73	-0.32
Sennar Res.					
Khartûm				10.98	-0.45
Kh. el Girba				11.65	-0.12
'Atbara				10.52	-0.21
Kajnarti					
Aswân Res.		112.03	—	112.32	—
Aswân D.S		86.61	+0.04	86.60	+0.05
Roda (Cairo)		16.63	+1.04	16.63	+1.04

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	1-7	1857	1852
	30-6	1852	1794

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WEATHER BUREAU

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QC 991 .E3 D3 1947 (Jul.-Dec.)

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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

72737

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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September 14, 1999

CAIRO
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 JULY 1947 — شهر يوليه ١٩٤٧

At 14h on TUESDAY 1st (الساعة ١٤ يوم الثلاثاء ١) / At 20h on 1st

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	No.
Mediterranean																							
SALUM																							[illegible]
MATRUH	00	9	29	5	0	0	—	4.6	27.0	74	0	00	8	26	4	0	0	—	4.8	25.6	84	0	131
MARIUT	00	7	26	4	0	0	—	4	30	55	0	00	7	27	3	0	2	6	4	25	84	0	150
ALEXANDRIA	00	9	28	5	0	0	—	4.2	29.2	63	0	01	6	32	4	1	4	4	4.4	25.0	87	0	132
DAMIETTA	00	8	28	4	1	2	8	3.0	28.0	79	0	00	7	28	4	1	2	8	3.4	25.4	91	0	153
PORT SAID	14	6	28	4	1	0	—	2.7	30.0	65	0	00	8	26	3	0	3	6	2.8	25.9	82	0	134
EL ARISH	00	9	28	3	0	0	—	2.6	29.2	62	0	01	9	28	3	2	4	8	2.3	26.7	79	0	135
Lower Egypt																							
DAMANHUR	00	7	28	3	0	0	—	4.3	31.8	34	0	00	7	32	3	0	0	—	3.8	25.2	82	0	136
MANSURA	01	8	30	2	1	4	8	3.0	32.2	53	0	00	6	28	2	1	0	—	3.2	26.8	72	0	157
TANTA	00	8	28	2	1	3	8	3.1	32.4	52	0	00	8	28	1	1	0	—	4.3	25.4	74	0	[illegible]
ZAGAZIG	00	6	32	4	0	0	—	2.3	34.3	55	0	00	6	32	2	0	0	—	4.2	27.0	70	0	138
SHEBIN EL KOM	00	8	30	3	1	1	8	3.5	34.2	43	0	00	7	30	1	0	0	—	3.9	26.4	66	0	
Middle Egypt																							
CAIRO ALMAZA	01	8	30	3	0	3	4	2.3	33.7	38	0	00	7	26	2	0	0	—	2.1	29.8	43	0	[illegible]
CAIRO EZBEKIYA	01	8	32	3	0	3	8	2.8	34.5	36	0	00	7	26	3	0	0	—	3.9	29.8	48	0	
CAIRO GIZA	00	8	32	3	0	3	8	3.1	34.0	48	0	00	7	30	1	0	0	—	3.6	28.9	57	0	
HELWAN	00	8	28	4	0	1	8	1.8	33.4	30	0	00	7	30	5	0	0	—	2.4	29.7	43	0	[illegible]
SUEZ	00	9	32	1	0	0	—	1.8	34.9	33	0	00	9	02	1	0	0	—	2.7	30.3	59	0	[illegible]
Upper Egypt																							
FAIYUM	00	8	32	3	0	2	8	2.3	35.0	26	0	00	8	32	2	0	0	—	2.2	31.2	34	0	153
MINYA	00	9	32	2	0	0	—	4.8	35.0	32	0	00	9	32	1	0	0	—		30.2	47	0	[illegible]
ASYUT	00	8	26	1	0	0	—	4.6	34.0	23	0	00	6	28	1	0	0	—	3.2	30.0	30	0	[illegible]
NAG HAMADI	00	8	24	2	0	0	—	1.8	33.8	31	0	00	8	00	0	0	0	—	1.9	28.9	30	0	[illegible]
QENA	00	8	24	3	0	0	—	1.0	37.0	15	0	00	6	24	2	0	0	—	2.0	32.4	24	0	[illegible]
LUXOR	00	9	24	3	0	0	—	1.4	37.6	20	0	00	8	28	3	0	0	—	1.5	32.6	26	0	157
ASWAN	00	9	28	2	0	0	—	0.7	37.7	20	0	00	9	00	0	0	0	—	1.2	35.0	19	0	156
Western Desert																							
SIWA	00	9	28	3	0	0	—	7.4	36.1	50	0	00		00	0	0	0	—	5.9	30.6	63	0	148
BAHARIYA	00	8	32	1	0	0	—	5.0	35.0	19	0	00	7	32	1	0	0	—	3.8	32.0	24	0	149
KHARGA	00	9	32	1	0	0	—	—	35.0	24	0	00	9	32	1	0	0	—	—	29.0	40	0	151
DAKHLA	00	9	28	3	0	0	—	4.8	34.5	15	0	00	8	28	1	0	0	—	2.2	33.2	20	0	152
Red Sea																							
TOR	00	7	28	4	0	0	—	0.7	29.2	64	0	00	7	28	3	0	0	—	99.9	29.3	60	0	145
HURGHADA	00	8	02	4	0	0	—	99.9	32.1	37	0	00	8	28	3	0	0	—	99.9	28.8	40	0	146
QUSEIR	00	8	02	2	0	0	—	0.8	31.3	55	0	00	8	08	1	0	0	—	0.6	28.2	62	0	147
PORT SUDAN	05	6	04	3	1	0	—	99	34	47													205
North Sudan																							
WADI HALFA																							165
KAREIMA	02	8	30	3	0	8	2	2	39	13													166
ATBARA	00	7	26	1	0	0	—	99	41	14													167
KHARTUM	00	7	30	2	0	2	2	1	39	09													209
KASSALA	00	8	14	3	0	1	8	0	38	29													170
Central Sudan																							
WAD MEDANI	01	8	20	4	1	3	8	0	39	24													171
RENK	00	9	20	3	0	0	—	4	33	44													182
ROSEIRES	00	8	20	1	0	2	8	5	35	39													172
EL OBEID	01	8	30	3	1	5	8,2	1	37	24													174
EL FASHER	01	7	08	2	1	4	8,4	—	37	18									—				175
GENEINA	00	8	02	2	0	2	8	— ?	37	16									—				179
KADUGLI	01	8	20	1	0	3	1	6	33	41													187
S. Sudan																							
MALAKAL																							176
WAU	01	8	20	2	1	4	8,4	6	32	43													177
JUBA																							[illegible]

At 8h on Wednesday 2nd (الساعة ٨ يوم الأربعاء ٢)

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs (PPP)	Diff. mbs	Dry Bulb °C (TTT)	Max. yesterday °C	Diff. from norm °C	Min. today °C	Diff. from norm °C	Humidity	Rainfall mms	Rainfall mms	Rainfall mms
Mediterranean																		
SALUM												—		—				99
MATRUH	00	9	26	4	0	0	—	4.3	-6.9	25.4	27	0	21	+1	74	0	55	161
MARIUT	00	7	26	2	1	3	6	4		27	30	—	23	—	70	0	139	138
ALEXANDRIA	01	9	32	2	2	4	4	4.0	-6.7	25.7	30	+1	24	+2	74	0	106	186
DAMIETTA	00	8	18	2	1	0	—	3.6	-6.1	27.0	29	—	20	—	76	0	32	106
PORT SAID	01	8	26	3	1	3	8	3.6	-5.8	26.9	31	+1	24	+1	71	0	27	81
EL ARISH	02	9	20	1	2	6	8	3.4	-6.2	28.3	30	+1	24	+5	65	0	47	94
Lower Egypt																		
DAMANHUR	01	7	28	3	1	5	8	4.7	-5.2	26.2	32	-1	20	+1	75	0	84	101
MANSURA	01	8	18	2	1	4	8	3.8	-6.2	26.8	33	-2	21	+1	72	0	15	55
TANTA	00	8	24	1	0	0	—	4.2	-6.0	25.6	33	-2	19	0	78	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	4.3	-6.0	28.0	36	+1	21	+2	77	0	24	27
SHEBIN EL KOM	00	8	22	2	1	2	8	5.1	-5.5	27.4	35		21	—	67	0	9	—
Middle Egypt																		
CAIRO ALMAZA	01	7	24	1	1	4	6	4.4	-5.9	25.2	36		22	—	74	0	14	—
CAIRO EZBEKIYA	05	7	22	1	1	5	8	4.6	-5.7	25.7	35	-1	22	+1	73	0	13	26
CAIRO GIZA	01	7	00	0	1	4	8	4.6	-5.8	27.9	35	0	20	+1	68	0	20	27
HELWAN	05	6	00	0	0	2	6	4.7	-5.4	24.9	35	0	22	+1	73	0	5	29
SUEZ	00	9	32	1	0	0	—	4.8	-4.5	27.1	36	0	22	0	65	0	4	17
Upper Egypt																		
FAIYUM	00	8	32	1	0	0	—	4.6	-5.3	26.0	36	0	21	+1	67	0	8	8
MINYA	00	9	32	2	0	0	—	5.0	-4.2	27.0	37	+1	22	+1	60	0	dr	
ASYUT	00	7	20	1	0	0	—	4.6	-4.5	28.1	36	-1	22	0	52	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	4.0	-3.9	28.7	35	—	20	—	44	0	0	
QENA	00	7	24	2	0	0	—	3.1	-4.2	30.4	39	-2	25	+1	36	0	dr	
LUXOR	00	9	24	1	0	0	—	3.1	-4.5	34.0	39	-2	22	0	27	0	dr	
ASWAN	00	9	00	0	0	0	—	4.2	-3.4	32.0	39	-3	26	0	25	0	dr	
Western Desert																		
SIWA	00	7	00	0	0	0	—	6.4	-6.3	27.0	38	0	20	0	77	0	2	8
BAHARIYA	00	8	00	0	0	0	—	4.6	-6.1	28.2	36	0	20	0	43	0	dr	7
KHARGA	00	9	00	0	0	0	—	—	—	27.2	36	-3	21	-2	35	0	dr	
DAKHLA	00	8	00	0	0	0	—	5.6	-4.2	28.4	37	-2	23	0	31	0	dr	
Red Sea																		
TOR	00	7	28	3	0	0	—	2.6	-4.2	26.9	30	-4	22	-2	66	0	2	13
HURGHADA	00	8	02	3	0	0	—	2.6	-4.8	29.9	33	-1	25	+1	59	0	dr	3
QUSEIR	00	8	32	1	0	0	—	3.0	-4.0	28.0	32	-1	25	-1	69	0	dr	4
PORT SUDAN	00	8	30	1	0	0	—	1		30					40	0	149	97
North Sudan																		
WADI HALFA	00	8	02	1	0	2	1	6		28					18	0	tr	—
KAREIMA	01	8	32	1	1	3	1	5		31					15	0	1	2
ATBARA	00	7	32	3	1	0	—	3		32					26	0	tr	9
KHARTUM	00	7	04	1	0	2	2	5		32					14	0	14	17
KASSALA	00	8	18	3	0	2	—	6		30					55	0	36	56
Central Sudan																		
WAD MEDANI	01	9	18	5	1	4	4	6		36					15	0	93	60
RENK	01	9	20	3	0	4	1	8		28	—		—		52	—	—	174
ROSEIRES	22	8	12	1	5	8	9,5			22					97	4	237	249
EL OBEID																0	158	74
EL FASHER	00	8	00	0	0	0	—	—	—	29					31	0	45	36
GENEINA	01	8	20	3	1	4	4,3	—	—	26	—		—		58	—	—	85
KADUGLI	02	8	20	2	2	6	6	8		26	—		—		70			315
S. Sudan																		
MALAKAL																0	312	338
WAU								—								0	633	547
JUBA																0	700	613

Upper Winds on 1st (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.

MATRUH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA 13h	KHARTUM 13h	KASSALA 12h 45m	EL OBEID 13h	MALAKAL	JUBA
								09 34 20	09 28 20	09 22 05	09 23 05		
								15 33 30	15 29 20	15 22 15	15 28 10		
								21 23 30	21 28 15	21 18 20	21 34 35		
								24 22 25	24 29 15	24 17 20	27 03 10		

Upper Winds on 2-7

Upper Winds are in the Code HHDDVV where HH is Height 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 30m	MINYA	ASYUT 7h	LUXOR 7h 15m	ASWAN 7h	WADI HALFA	ABU HAMAD 7h	KAREIMA 7h 15m	KHARTUM 7h
			02 30 10		02 29 15	03 33 15	02 01 10		06 35 25	03 23 20	06 03 05
			05 28 15		05 34 15	06 34 30	05 33 25		09 35 40	06 36 25	09 01 25
			08 25 10		10 32 30	09 36 45	10 34 30		15 33 25	09 35 20	15 35 15
			10 25 20		15 30 35	12 35 40	15 34 25			15 32 20	21 29 20
			15 29 25			15 35 35	20 34 40			21 27 15	30 31 15
			20 30 25			18 35 35	25 33 20			30 13 30	
			23 32 15			21 34 15				29 18 30	
			25 32 20			24 32 10					
			30 30 20								

KASSALA 7h	PORT SUDAN 7h	EL OBEID	EL FASHER	GENEINA 7h	MALAKAL	ALMAZA
06 21 30	03 00 05			09 23 10		
09 25 40	06 03 10			15 24 15		
15 27 25	08 35 05			21 26 15		
21 26 25	15 07 30			39 19 [illegible]		
30 27 05	21 07 25					
	30 26 15					
	39 28 10					

UPPER AIR TEMP. 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 2nd

34700 09790 22200 01272 30104 00220
34853 00831 28202 01271 90501 00230

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	79	+5	21.5	-0.8
Ezbekiya	56	-1	22.7	+0.9
Giza	62	+6	23.7	+2.8
Helwân	54	+9	21.3	+1.9

GÎZA — GRASS MINIMUM TEMP. ON 2nd 15.2 °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
2-7	1852	1852
1-7	1852	1852

Gauge readings

GAUGE	Date 1947	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2—7			13.31	-0.22
Nâsser				8.74	+0.15
Malakâl		11.20	+0.07	11.19	+0.08
J. Aulia Res				371.54	—
J. Aulia D.S				371.48	-0.12
Roseires		13.76	-0.47	13.54	-0.61
Sennar Res.					
Khartûm				11.02	-0.47
Kh. el Girba					
Atbara				10.52	-0.27
Kajnarti					
Aswân Res.		111.74	—	112.03	—
Aswân D.S		86.61	+0.02	86.61	+0.04
Roda (Cairo)		16.63	+1.03	16.63	+1.04

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	13
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
[illegible]	41
[illegible]	42
[illegible]	49
Drizzle	50-59
Rain	60-69
[illegible]	67
Rain and Snow	68, 69
Snow	70-79
Shower	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
[illegible]	9[illegible]
[illegible]	94-96
[illegible]	9[illegible]
[illegible]	99

PAST WEATHER (W)

[illegible]	0
[illegible]	1
[illegible]	2
Sandstorm, Duststorm	3
Fog, thick dust [illegible]	4
Drizzle	5
Rain	6
Snow, sleet	7
Shower	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
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] Tenth	2
[illegible] Tenths	3
[illegible]	4
[illegible] 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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CAIRO
Time of Sunrise h. 04 m. 57
Sunset h. 19 m. 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JULY 1947 — شهر يوليه

At 14h on Wednesday 2nd (الساعة ١٤ يوم الأربعاء ٢) — At 20h on 2nd

Station	14h ww	V	Wind DD	F	Past W	Cloud N	C	Bar PPP	Temp °C	Humidity %	Rain 8-14 mms	20h ww	V	Wind DD	F	Past W	Cloud N	C	Bar PPP	Temp °C	Humidity %	Rain 14-20 mms	No.
SALUM																							[illegible]
MATRUH	00	9	28	3	0	0	—	6.3	27.4	65	0	00	8	30	2	0	0	—	6.3	25.3	78	0	[illegible]
MARIUT	00	7	27	3	0	0	—	5	28	66	0	00	8	28	2	0	0	—	6	25	79	0	150
ALEXANDRIA	00	9	28	4	0	0	—	5.4	28.0	66	0	00	6	06	4	0	0	—	6.7	25.0	76	0	[illegible]
DAMIETTA	00	8	28	3	0	0	—	4.3	28.5	72	0	00	8	28	2	0	0	—	5.6	25.0	84	0	[illegible]
PORT SAID	00	8	30	3	0	0	—	4.6	30.6	60	0	00	8	28	2	0	0	—	6.2	22.3	81	0	[illegible]
EL ARISH	00	9	28	4	0	0	—	3.9	28.8	61	0	00	9	30	3	0	0	—	4.7	26.7	75	0	158
DAMANHUR	00	9	32	4	0	0	—	6.6	31.8	54	0	00	7	24	3	0	0	—	6.2	25.2	76	0	186
MANSURA	00	8	04	2	1	0	—	4.6	32.6	40	0	00	6	04	2	0	0	—	6.3	26.3	70	0	[illegible]
TANTA	00	8	28	1	1	3	8	3.9	33.0	48	0	00	8	00	0	0	0	—	6.6	25.4	74	0	[illegible]
ZAGAZIG	00	6	24	2	0	0	—	3.5	34.0	45	0	00	6	24	2	0	0	—	6.3	28.0	70	0	[illegible]
SHEBIN EL KOM	00	8	22	3	0	1	8	4.3	35.8	27	0	00	7	30	2	0	0	—	6.6	26.7	57	0	—
CAIRO ALMAZA	00	8	26	2	0	0	—	3.5	34.0	32	0	00	8	30	3	0	0	—	5.4	30.3	48	0	[illegible]
EZBEKIYA	00	8	26	2	0	0	—	4.2	35.5	25	0	00	7	28	3	0	0	—	6.3	29.9	46	0	—
GIZA	00	8	26	2	0	0	—	4.7	35.0	30	0	00	7	30	1	0	0	—	6.0	29.0	46	0	—
HELWAN	00	8	28	3	0	0	—	3.9	33.6	26	0	00	7	30	3	0	0	—	5.3	30.7	37	0	140
SUEZ	00	9	02	1	0	0	—	3.6	33.6	35	0	00	9	02	1	0	0	—	4.3	29.8	53	0	[illegible]
FAIYUM	00	8	32	2	0	0	—	3.9	34.8	28	0	00	8	02	2	0	0	—	4.3	31.6	35	0	[illegible]
MINYA	00	9	30	2	0	0	—	3.6	36.7	20	0	00	8	30	1	0	0	—	4.4	32.0	33	0	[illegible]
ASYUT	00	8	28	2	0	0	—	3.4	35.1	19	0	00	6	26	1	0	0	—	4.0	30.2	35	0	155
NAG HAMADI												00	8	00	0	0	0	—	3.0	29.8	36	0	104
QENA	00	8	24	2	0	0	—	3.0	39.2	17	0	00	6	24	2	0	0	—	2.3	31.3	31	0	150
LUXOR	00	9	28	2	0	0	—	2.3	39.5	20	0	00	8	30	2	0	0	—	2.4	33.7	27	0	[illegible]
ASWAN	01	9	32	1	1	3	1	2.3	38.8	11	0	00	9	00	0	0	0	—	3.1	35.4	14	0	156
SIWA	00	8	20	2	0	0	—	6.8	36.3	51	0	00		00	0	0	0	—	8.8	32.1	51	0	48
BAHARIYA	00	8	28	2	0	0	—	4.4	36.0	20	0	00	7	28	1	0	0	—		32.0	24	0	149
KHARGA	00	9	32	1	0	0	—	—	38.0	16	0	00	9	02	1	0	0	—	—	33.9	21	0	151
DAKHLA	00	9	28	2	0	0	—	4.4	36.8	16	0	00	8	00	0	0	0	—	4.3	34.9	19	0	152
TOR	00	7	28	3	0	0	—	3.1	33.3	53	0	00	7	28	3	0	0	—	2.6	30.2	59	0	145
HURGHADA	00	8	20	3	0	0	—	2.0	32.1	43	0	00	8	00	0	0	0	—	2.8	29.7	50	0	146
QUSEIR	00	8	04	1	0	0	—	2.7	28.0	87	0	00	8	02	1	0	0	—	3.2	28.6	69	0	[illegible]
PORT SUDAN																							[illegible]
WADI HALFA	00	8	02	3	0	3	1	2	38	11													165
KAREIMA	00	8	22	2	2	1	2	3	39	10													166
ATBARA	02	7	28	3	1	6	2	1	41	15													[illegible]
KHARTUM	01	8	18	1	1	4	1	1	41	10													209
KASSALA	01	8	20	3	1	4	8	1	38	29													170
WAD MEDANI	01	8	20	2	1	3	8	1	38	25													171
RENK																							187
ROSEIRES	01	8	20	2	6	4	8	6	29	66													172
EL OBEID	02	8	16	2	1	7	8,2	1	37	27													174
EL FASHER	01	8	12	3	1	5	8	—	36	20													175
GENEINA	0?	8	32	3	1	3	8	—	28	52													179
KADUGLI	02	8	20	1	1	5	4	5	33	47													167
MALAKAL	02	8	18	3	1	8	9,4	8	28	74													176
WAU	02	8	20	3	2	6	8,2	6	32	46													177
JUBA	22	8	04	2	9	8	6,5	11	23	94													[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 2nd

MATRUH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA 13h	EL OBEID 13h	MALAKAL	JUBA 13h
										03 35 15	06 28 10		06 25 15
										09 01 15	09 26 15		09 27 20
										15 04 20	15 26 30		15 28 25
										21 03 25	21 27 35		21 29 20

Remarks

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

Station	Mean of day: Humidity % on 2nd	Diff from normal	Wet bulb temp °C on 2nd	Diff from normal
Alexandria	73	-1	22.6	+0.2
Ezbekiya	57	0	21.8	0.0
Giza	53	-4	22.5	+1.6
Helwân	52	+7	21.0	+1.5

GÎZA — GRASS MINIMUM TEMP ON 3rd 14.6 °C

CAIRO — WATER TEMP RIVER NILE AT 9h ON 3rd 27.4 °C

Discharges at Aswân measured by sluices m³ per sec	1947	1946
DATE 3-7	1852	1852
2-7	1852	1852

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal m.
Jûba	3-7			13.30	-0.23
Nasser					
Malakâl				11.20	+0.07
J. Aulia Res				371.54	—
J. Aulia D S				371.48	-0.16
Roseires				13.76	-0.47
Sennar Res.				7.04	—
Khartûm				11.04	-0.51
Kh. el Girba				11.85	-0.02
Atbara				10.53	-0.29
Kajnarti					
Aswân Res.		111.43	—	111.74	—
Aswân D.S		86.61	-0.01	86.61	+0.02
Roda (Cairo)		16.58	+0.98	16.63	+1.03

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

At 8h on Thursday 3rd (الخميس ٣)

Station	ww	V	Wind DD	F	Past W	Cloud N	C	Bar pressure M.S.L. 1000+ mbs	Change mbs	Temp Dry Bulb °C	Max Yesterday °C	Diff from norm °C	Min Today °C	Diff from norm	Humidity %	Rain mms	Rainfall mms	Rainfall mms
SALUM												—		—				99
MATRUH	01	9	26	3	3	3	8	8.3	-2.8	25.5	28	+1	21	0	70	0	55	161
MARIUT	00	7	26	2	0	1	6	7		27	29	—	20	—	70	0	139	138
ALEXANDRIA	00	9	26	3	0	0	—	7.6	-3.0	25.7	30	+1	22	0	73	0	166	186
DAMIETTA	00	8	18	2	1	2	8	7.6	-2.0	26.8	30	—	20	—	78	0	32	106
PORT SAID	01	8	14	2	1	4	6	7.6	-1.6	26.2	31	+1	23	0	71	0	27	81
EL ARISH	00	9	24	1	0	0	—	7.2	-2.4	29.1	31	+2	21	+2	59	0	47	94
DAMANHUR	01	7	24	2	1	3	8	8.3	-1.6	27.0	33	0	21	+2	75	0	84	101
MANSURA	00	8	02	1	0	0	—	7.8	-2.0	26.2	35	0	20	0	73	0	15	55
TANTA	00	8	28	1	0	0	—	7.5	-2.6	26.5	34	-1	18	-1	72	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	7.5	-2.7	27.8	35	0	20	+1	74	0	24	27
SHEBIN EL KOM	00	8	30	2	0	0	—	7.8	-2.7	27.3	37		20		65	0	9	—
CAIRO ALMAZA	00	7	26	1	0	0	—				36	—	23	—	66	0	14	
EZBEKIYA	05	6	24	1	0	0	—	7.6	-2.6	28.1	36	0	22	+1	65	0	13	26
GIZA	00	7	28	1	0	0	—	7.8	-2.5	27.8	35	0	19	0	67	0	20	27
HELWAN	05	6	00	0	0	0	—	7.1	-2.9	27.3	35	0	22	+1	55	0	5	29
SUEZ	00	9	00	0	0	0	—	6.7	-2.5	28.7	36	0	22	0	58	0	4	17
FAIYUM	00	8	00	0	0	0	—	7.1	-2.8	29.0	36	0	22	+1	56	0	8	8
MINYA	00	9	32	1	0	0	—	6.3	-2.8	30.0	37	+1	22	+1	52	0	dr	
ASYUT	00	7	22	1	0	0	—	7.4	-1.6	30.0	36	+1	23	+1	39	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	7.0	-0.9	28.3	36	—	19	—	45	0	0	
QENA	00	7	12	2	0	0	—	6.0	-1.3	29.6	41	0	24	0	45	0	dr	
LUXOR	00	9	04	1	0	0	—	6.3	-1.3	34.5	40	-1	23	+1	29	0	dr	
ASWAN	00	9	00	0	0	0	—	6.2	-1.3	32.0	40	-2	27	+1	26	0	dr	
SIWA	00	7	00	0	0	0	—	9.8	-2.8	26.2	37	-1	23	+3	82	0	2	8
BAHARIYA	00	8	32	1	0	0	—	7.2	-3.5	28.0	37	+1	21	+1	44	0	dr	7
KHARGA	00	9	00	0	0	0	—	—	—	29.6	38	-1	24	+1	58	0	dr	
DAKHLA	00	8	00	0	0	0	—	7.6	-2.1	29.4	38	-1	22	-1	26	0	dr	
TOR	00	7	28	4	0	0	—	6.3	-0.4	27.9	33	-1	26	+2	67	0	2	13
HURGHADA	00	8	04	3	0	0	—	5.6	-1.7	29.9	35	+1	25	+1	55	0	dr	3
QUSEIR	00	8	32	1	0	0	—	5.5	-1.5	30.8	34	+1	26	0	54	0	dr	4
PORT SUDAN	00	8	18	2	0	0	—	2		-					—	0	149	97
WADI HALFA	00	7	28	2	1	2	1	6		30					22		tr	
KAREIMA	01	8	32	1	1	4	1	7		29					17		1	2
ATBARA	01	7	22	3	1	3	1	6		32					28		tr	9
KHARTUM	00	8	18	3	1	1	1	7		29					52		14	19
KASSALA	01	8	20	3	1	3	4	8		29					52		36	59
WAD MEDANI	00	8	18	5	0	2	3	9		28					58		93	64
RENK	01	9	20	3	1	5	8	12		24		—		—	84	—	—	178
ROSEIRES	02	8	18	1	1	6	2,5	11		23					78	14	251	255
EL OBEID	01	7	20	4	1	4	4,2	9		26					66		158	77
EL FASHER	02	8	00	0	1	6	4,5	—	—	24					69		45	38
GENEINA	02	8	18	2	1	7	5	—	—	24		—		—	69	—	—	89
KADUGLI												—		—				320
MALAKAL	02	8	16	1	1	7	—	12		23					94	49	361	343
WAU	02	8	20	5	1	7	4,5	12		22					94	51	684	553
JUBA																15	715	617

Upper Winds are in the Code HHDDVV where HH is Height 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	HELWAN 8h 15m	MINYA	ASYUT 7h	LUXOR	ASWAN 7h	WADI HALFA 7h	ABU HAMAD	KAREIMA	KHARTUM 6h 15m
			02 30 10		02 29 02		02 36 15	03 01 15			06 15 25
			05 33 10		05 31 05		05 01 35	06 02 20			09 25 30
			08 32 10				10 36 35	09 01 25			15 02 05
			10 33 20				15 01 20	15 35 30			21 02 20
			15 31 30				20 36 15	21 01 20			30 27 30
			20 31 30				25 32 05	30 03 15			39 03 05
			23 29 35				30 27 05	39 24 15			
			25 29 35				35 30 05	45 27 15			
							40 26 05	60 32 15			

KASSALA 6h 45m	PORT SUDAN 6h 45m	EL OBEID 7h	EL FASHER 7h	GENEINA	MALAKAL
06 22 30	03 02 05	03 23 25	09 21 15		
09 21 35	06 03 05	09 25 40	15 23 50		
15 22 45	09 06 05	15 27 40	21 27 25		
21 22 40	15 27 05	21 27 30	30 34 20		
30 25 30	21 32 20	30 23 15	39 02 20		
39 31 25	30 26 25	39 12 20	45 06 25		
45 33 25	39 25 20				
	45 27 05				

UPPER AIR TEMP. — ALMAZA

Height			
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 3rd
34700 00990 14200 05261 80302 00170
34880 02865 10215 05262 20404 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 or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squalls 14
Slight Duststorm 15
Showers 8
Thunderstorm 9

VISIBILITY (V)
Objects not visible at 50 metres 0
500 2
1 Kilometre 3
Visible over 50 kms 9

CLOUD AMOUNT (N)

CLOUD FORM (C)
Cirrus 1
Cirro-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		
Very light		
Light		
Moderate		4
Fresh		5
Strong		6
Very strong		
Gale		8
Strong gale		9
Whole gale		10
Storm	91-104	11
Hurricane	over 104	12

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

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

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

Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h on Thursday 3rd — الساعة ١٤ يوم الخميس ٣ / At 20h on 3rd

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 TT	% 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	Temp °C	% Humidity	Rain 14-20 mms	No.
SALUM																							130
MATRUH	00	9	30	4	0	0	—	9.2	27.4	66	0	01	8	26	2	1	4	8	9.8	25.8	82	0	131
MARIUT	00	8	28	3	0	0	—	8	28	66	0	00	7	30	2	0	0	—	8	25	79	0	150
ALEXANDRIA	00	9	28	5	0	0	—	8.6	28.2	63	0	00	6	32	2	0	0	—	9.1	25.0	76	0	132
DAMIETTA	00	8	32	3	1	0	—	7.2	29.5	70	0	00	7	28	1	1	1	8	8.2	25.0	87	0	133
PORT SAID	00	8	30	2	0	0	—	7.8	30.9	55	0	00	8	30	2	0	0	—	8.6	25.3	81	0	134
EL ARISH	00	9	32	3	0	0		7.6	28.3	63	0												135
DAMANHUR	00	7	28	3	1	0	—	7.9	32.2	48	0	00	7	32	3	0	0	—	8.7	26.0	73	0	136
MANSURA	01	8	24	2	1	3	8	7.2	33.0	44	0	00	6	32	2	1	0	—	8.2	26.4	69	0	137
TANTA	01	8	28	2	1	4	8	7.0	33.2	50	0	01	8	24	1	1	3	8	7.2	26.6	60	0	138
ZAGAZIG	00	6	24	2	0	1	8	7.0	33.8	49	0												139
SHEBIN EL KOM	00	8	22	3	0	0	—	7.8	35.9	28	0	00	7	30	2	0	0	—	8.4	27.3	56	0	—
CAIRO ALMAZA	00	8	28	2	0	2	8	6.8	35.3	34	0	00	7	01	2	0	0	—	7.4	30.4	52	0	141
CAIRO EZBEKIYA	00	8	26	1	0	2	8	7.2	35.0	30	0	05	7	04	3	0	0	—	7.9	29.7	47	0	—
CAIRO GIZA	00	8	26	1	0	2	8	6.8	35.5	40	0	00	7	02	2	0	0	—	7.6	30.6	56	0	—
HELWAN	00	8	28	4	0	2	8	6.6	34.2	26	0	00	7	32	4	0	0	—	7.1	30.0	44	0	143
SUEZ	00	9	30	1	0	0	—	6.2	35.9	29	0	00	9	32	2	0	0	—	7.4	29.4	54	0	144
FAIYUM	01	8	30	2	1	3	8	6.4	35.8	29	0	00	8	30	2	0	0	—	6.6	31.8	35	0	153
MINYA	00	9	08	3	0	0	—	6.2	37.8	18	0	00	8	30	1	0	0	—	5.8	32.6	33	0	154
ASYUT	00	8	26	1	0	0	—	5.6	37.1	18	0	00	6	22	1	0	0	—	6.8	31.6	30	0	155
NAG HAMADI	00	8	24	2	0	0	—	4.3	36.7	24	0												154
QENA	00	8	22	3	0	0	—	4.7	40.3	18	0	00	6	24	2	0	0	—	4.0	32.3	27	0	156
LUXOR	00	9	30	2	0	0	—	4.4	40.0	19	0	00	8	26	3	0	0	—	4.4	34.7	23	0	157
ASWAN	00	9	32	2	0	0	—	4.2	38.8	15	0	00	9	00	0	0	0	—	4.7	36.0	17	0	158
SIWA	00	8	28	2	0	0	—	9.6	34.8	21	0	00		00	0	0	0	—	9.6	29.8	35	0	148
BAHARIYA	00	8	32	1	0	0	—	5.8	37.0	22	0												149
KHARGA	00	9	00	0	0	0	—	—	40.0	20	0	00	9	28	1	0	0	—	—	35.3	20	0	151
DAKHLA	00	9	28	1	0	0	—	5.8	39.0	15	0	00	8	28	1	0	0	—		35.1	19	0	152
TOR	00	7	28	4	0	0	—	5.2	32.2	50	0	00	7	28	3	0	0	—	4.6	29.3	63	0	145
HURGHADA	00	8	02	3	0	0	—	4.3	32.7	44	0	00	2?	28	3	0	0	—	4.2	32.1	26	0	146
QUSEIR	00	8	02	1	0	0	—	5.0	31.3	65	0	00	8	04	1	0	0	—	4.0	29.0	54	0	147
PORT SUDAN	00	8	06	3	0	0		2	37	31													208
WADI HALFA																							165
KAREIMA	00	2	24	4	0	0	—	2	40	12													166
ATBARA	00	7	24	1	0	0	—	2	41	16													167
KHARTUM	00	7	28	3	0	0	—	4	38	18													209
KASSALA	01	8	22	3	1	4	8	3	37	27													170
WAD MEDANI	01	8	20	4	0	4	8	5	37	27													171
RENK	01	9	20	3	1	5	8	8	30	66													182
ROSEIRES	02	8	18	1	1	6	8	7	31	52													172
EL OBEID	01	9	24	3	1	4	8,4,1	4	35	30													174
EL FASHER	01	8	02	1	1	4	8,4	—	35	26													175
GENEINA	01	8	20	3	1	4	8	—	32	41													179
KADUGLI	02	8	20	1	1	5	4	8	31	29													187
MALAKAL	02	8	00	0	2	7	9,4	10	28	70													176
WAU	02	8	18	3	1	6	4	8	29	59													177
JUBA	02	8	20	2	1	7	9,4	9	29	66													[illegible]

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

MATRUH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA 12h 30m	KHARTUM 13h	KASSALA 13h	EL OBEID 12h 45m	MALAKAL	JUBA
								03 28 05	06 26 05	06 24 20	06 27 20		
								06 30 15	09 27 02	09 23 15	09 28 15		
								09 29 15	15 25 05	15 24 20	15 23 10		
								15 27 30	21 27 10	21 30 15	21 25 05		
								21 26 55					
								30 25 30					
								39 17 10					
								45 15 15					
								66 06 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 3rd	Diff. from normal	Wet bulb temp °C on 3rd	Diff. from normal
Alexandria	55	-19	22.7	+0.2
Ezbekiya	52	-4	22.5	+0.6
Giza	58	+1	24.2	+3.2
Helwân	47	+2	21.2	+1.7

GIZA — GRASS MINIMUM TEMP ON 4th 17.8 °C

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

Discharges at Aswan measured by sluices m³ per sec.	DATE	1947	1946
	4-7	1852	1852
	3-7	1852	1852

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m	Previous day Diff from normal m
Jûba	4-7	13.37	-0.17	13.47	-0.07
Nâsser		8.87	+0.17	8.84	+0.17
Malakâl		11.28	+0.11	11.29	+0.14
J. Aulia Res				371.58	—
J. Aulia D.S				371.51	-0.18
Roseires		14.22	-0.23	14.42	-0.21
Sennar Res.		6.84	—	6.92	—
Khartûm		11.19	-0.48	11.12	-0.49
Kh. el Girba				11.60	-0.31
Atbara		10.60	-0.31	10.56	-0.30
Kajnarti				132.85	-0.12
Aswân Res.		111.09	—	111.43	—
Aswân D.S		86.61	-0.02	86.61	-0.01
Roda (Cairo)		16.56	+0.96	16.58	+0.98

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

Station	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs	Bar pressure change mbs	Dry Bulb °C	Max. yesterday °C	Max. diff from norm °C	Min. today °C	Min. diff from norm °C	Humidity %	Rainfall mms	Rainfall mms	Rainfall mms
SALÛM											—		—					99
MATRÛH	00	9	00	0	0	1	8	10.8	-0.2	26.3	28	+1	22	+1	72	0	55	161
MARIUT	01	7	25	1	0	3	6	9		27	30	—	19	—	66	0	139	138
ALEXANDRIA	01	9	24	1	1	4	8	9.6	-0.9	26.0	29	0	23	+1	72	0	106	186
DAMIETTA	01	8	12	1	1	4	8	8.8	-0.8	27.0	32	—	20	—	76	0	32	106
PORT SAÎD	01	8	02	2	1	3	6	9.2	+0.1	27.0	31	+1	23	0	69	0	27	81
EL ARÎSH																	47	94
DAMANHÛR	00	7	28	3	0	0	—	9.8	0.0	26.0	33	0	21	+2	75	0	84	101
MANSÛRA	01	8	04	1	1	4	8	9.4	-0.3	27.8	—	—	—	—	66	0	15	55
TANTA	00	8	00	0	1	3	8	9.5	-0.5	26.1	35	0	18	-1	73	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	9.4	-0.7	28.4	35	0	21	+2	72	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	1	8	9.8	-0.6	28.3	37	—	20	—	60	0	9	
CAIRO ALMAZA	00	7	32	1	0	1	8	9.2	-0.9	25.8	37	—	22	—	70	0	14	
CAIRO EZBEKÎYA	05	6	32	1	0	2	8	9.4	-0.7	27.0	36	0	22	+1	66	0	13	26
CAIRO GÎZA	01	7	30	1	1	3	8	9.1	-1.1	26.9	36	+1	21	+2	67	0	20	27
HELWÂN	00	7	32	1	0	0	—	9.2	-0.8	25.9	35	0	22	+1	69	0	5	29
SUEZ	00	9	32	1	0	0	—	8.9	-1.3	27.4	38	+2	24	+2	62	0	4	17
FAIYÛM	00	8	32	2	0	0	—	9.0	-0.8	26.5	37	+1	23	+2	69	0	8	8
MINYA	00	9	30	2	0	0	—	8.8	-0.3	29.7	38	+2	24	+3	53	0	dr	
ASYÛT	00	7	20	1	0	0	—	8.7	-0.2	29.3	38	+1	22	0	44	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	7.2	-0.6	29.4	38	—	21	—	47	0	0	
QENA	00	7	24	2	0	0	—	7.0	-0.2	29.6	42	+1	24	0	45	0	dr	
LUXOR	00	9	22	2	0	0	—	6.8	-0.7	34.5	41	0	23	+1	29	0	dr	
ASWÂN	00	9	32	1	0	0	—	6.3	-1.2	31.7	40	-2	27	+1	26	0	dr	
SÎWA	00	7	00	0	0	0	—	9.8	-2.8	27.2	36	-2	21	+1	56	0	2	8
BAHARÎYA																	dr	7
KHARGA	00	9	02	2	0	0	—	—	—	29.5	41	+2	24	+1	36	0	dr	
DÂKHLA	00	8	24	1	0	0	—	8.8	-0.8	31.9	40	+1	22	-1	33	0	dr	
TÔR	00	7	28	3	0	0	—	6.6	0.0	28.4	35	+1	25	+1	69	0	2	13
HURGHÂDA	00	8	02	3	0	0	—	6.6	-0.7	29.9	36	+2	25	+1	53	0	dr	3
QUSEIR	00	8	32	1	0	0	—	6.4	-0.5	30.0	34	+1	27	+1	66	0	dr	4
PORT SÛDÂN	00	8	30	2	1	0	—	4		36					37	0	149	97
WÂDI HALFA																0	tr	
KAREIMA																0	1	2
ATBARA																0	tr	10
KHARTÛM	00	8	18	3	1	1	1	6		31					46	0	14	21
KASSALA	00	8	18	3	0	0	—	8		29					48	0	36	61
WAD MEDANI	00	9	18	5	0	2	3	7		29					59	0	93	68
RENK											—		—		—		—	182
ROSEIRES	01	8	16	1	1	5	8	8		26					84	0	251	262
EL OBEID	00	9	20	4	0	1	4	7		28					52	0	158	80
EL FÂSHER	00	8	16	1	0	3	4	—	—	28					48	0	45	40
GENEINA	00	8	28	1	0	0	—	—	—	—	—		—		—	—	—	93
KADUGLI											—		—					325
MALAKÂL	02	8	16	2	1	5	4	10		24					89	0	361	348
WAU																0	684	559
JUBA																1	716	621

Upper Winds on 4th — الرياح العليا

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

MATRÛH	MARIUT	PORT SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD 7h	KAREIMA 7h 15m	KHARTÛM 7h
									06 34 25	03 03 10	06 23 20
									09 35 40	06 02 30	12 36 25
									15 34 35	09 01 40	15 34 30
									21 26 10	15 01 35	
									24 24 15	21 36 20	
									30 18 30	24 33 20	
									33 18 30	30 28 05	
									39 16 20	33 25 05	
									45 13 35	39 28 15	

KASSALA 7h 15m	PORT SÛDÂN 8h	EL OBEID 7h 15m	EL FÂSHER 7h	GENEINA 7h	MALAKAL
06 20 20	03 25 30	06 24 20	09 34 15	09 00 00	
09 21 30	06 36 30	09 26 35	15 01 40	15 25 15	
15 28 30	09 36 20	15 32 20	21 08 35	21 25 25	
24 35 25	15 34 10	21 03 20	24 06 35	24 24 30	
30 01 25	21 36 10	24 03 15	30 06 40	30 25 20	
33 02 20	24 24 05	27 04 15	39 07 35	33 21 30	
	30 32 20	30 03 20	45 06 30	39 34 55	
		33 04 20	54 04 20	45 23 30	
			60 02 15		
			75 17 15		

UPPER AIR TEMP. — ALMÂZA

HEIGHT	
Surface	
500	
1000	
1500	
2000	
4000	
6000	
8000	
10000	
12000	
14000	
16000	

CYPRUS SYNOPTIC 8h ON 4th
34700 00990 12200 08262 10103 00200.
34810 00851 12201 08272 20300 00210.

PRESENT WEATHER ww

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low fog 04
Thin haze 05
Dust devils 06
Distant lightning 07
Light mist or haze 08
Distant fog 09
Rain in sight 10
Distant duststorm 12
Slight duststorm 15
Squalls 18
... Thunderstorm 29
Fog 40-49
Drizzle 50-59
Rain 60-69
Snow 70-79
Rain showers 80-84
Snow showers 85-87
Hail 88-90
Thunderstorm 91-99

PAST WEATHER (W)

Clear/fair, Variable sky, Mainly overcast, Sandstorm or duststorm 3, Fog or thick haze 4, Drizzle 5, Rain 6, Snow 7, Showers 8, Thunderstorm 9

VISIBILITY (V)

Objects not visible 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, ... 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 58
Sunset h. m. 19 00

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

DAILY WEATHER REPORT

Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h. on Friday 4th — الساعة ١٤ يوم ٧/٤ ; At 20h. on 4th — الساعة ٢٠ يوم الجمعة ٤

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	30	2	0	0	—	11.0	26.7	68	0	00	8	00	0	0	0	—	11.1	25.2	85	0	131
	MARIUT	00	7	00	0	0	3	6	9	28	66	0	01	7	30	2	1	4	6	10	25	84	0	150
	ALEXANDRIA												02	6	06	5	2	5	8	10.3	25.4	80	0	132
	DAMIETTA	00	8	32	3	1	0	—	8.6	28.7	72	0	01	7	30	2	1	3	6	9.1	25.4	80	0	159
	PORT SA'ÎD	00	8	30	3	0	0	—	9.0	30.3	56	0	00	8	02	2	0	3	8	9.0	25.3	76	0	134
	EL 'ARÎSH	00	9	32	3	0	0	—	8.4	28.3	63	0	00	9	04	1	0	0	—	8.0	25.6	74	0	135
LOWER EGYPT	DAMANHÛR	00	7	28	4	0	0	—	9.8	31.0	71	0	00	7	32	4	0	0	—	9.9	26.0	84	0	136
	MANSÛRA	01	8	02	1	1	4	8	8.6	32.0	48	0	00	6	32	2	1	0	—	9.0	26.8	69	0	137
	TANTA	01	8	28	2	1	4	8	8.6	33.6	47	0	01	8	32	1	1	4	8	8.7	26.4	66	0	138
	ZAGAZIG	00	6	16	2	0	0	—	8.4	33.4	48	0	00	6	32	2	0	0	—	8.4	28.6	75	0	139
	SHEBÎN EL KÔM	00	8	02	3	0	0	—	9.1	33.2	35	0	00	7	02	2	0	0	—	8.3	27.3	69	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	30	2	0	0	—	7.5	33.6	30	0	00	7	02	4	0	0	—	7.9	31.1	41	0	141
	CAIRO EZBEKÎYA	00	8	16	2	0	0	—	8.0	33.5	35	0	00	7	30	4	0	0	—	8.6	30.0	55	0	—
	CAIRO GÎZA	00	8	16	2	0	0	—	8.2	33.2	40	0	00	7	06	1	0	0	—	9.6	28.3	69	0	—
	HELWÂN	00	7	26	3	0	0	—	7.4	32.9	26	0	00	7	30	3	0	0	—	7.8	30.9	37	0	143
	SUEZ	00	9	30	1	0	0	—	7.1	34.4	30	0	00	9	30	1	0	0	—	8.2	29.5	51	0	144
UPPER EGYPT	FAIYÛM	00	8	30	2	0	0	—	7.2	35.0	24	0	00	8	32	2	0	0	—	7.2	31.3	39	0	153
	MINYA	00	9	32	4	0	0	—	6.6	36.2	22	0	00	8	32	1	0	0	—	7.1	31.9	29	0	154
	ASYÛT	00	8	22	1	0	0	—	6.2	36.0	35	0	00	6	26	1	0	0	—	7.1	30.0	41	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	—		37.8	20	0	00	8	00	0	0	0	—	5.5	30.6	41	0	164
	QENA	00	8	32	2	0	0	—	5.1	40.6	18	0	00	6	26	2	0	0	—	5.1	35.6	20	0	156
	LUXOR	00	9	26	2	0	0	—	5.2	40.6	18	0	00	8	30	2	0	0	—	5.6	34.3	26	0	157
	ASWÂN	01	9	02	2	1	3	1	3.9	40.7	20	0	00	9	00	0	0	0	—	4.3	37.0	18	0	158
WESTERN DESERT	SÎWA	00	8	28	2	0	0	—	11.0	35.0	29	0	00		00	0	0	0	—	11.8	31.2	24	0	148
	BAHARÎYA	00	8	32	2	0	0	—	7.8	34.7	22	0	00	7	00	0	0	0	—	7.9	31.0	27	0	149
	KHARGA	00	9	28	1	0	0	—	—	38.6	23	0	00	9	32	1	0	0	—	—	34.6	24	0	151
	DAKHLA	00	8	32	1	0	0	—	7.1	37.0	19	0	00	8	00	0	0	0	—	5.0	33.8	18	0	152
RED SEA	TÔR																							145
	HURGHÂDA	00	8	20	3	0	0	—		33.9	41	0	00	8	28	4	0	0	—	4.4	30.8	28	0	146
	QUSEIR	00	8	02	1	0	0	—		32.2	59	0	00	8	32	1	0	0	—	5.2	30.0	56	0	147
	PORT SÛDÂN	00	8	04	4	1	3	1	99	37	45													208
NORTH SÛDÂN	WÂDI HALFA	01	8	02	3	0	3	2	4	41	10													165
	KAREIMA	03	8	02	1	2	8	4,2	4	41	08													166
	'ATBARA	01	7	28	3	1	4	4,2	1	42	14													167
	KHARTÛM	00	8	28	3	0	2	8,1	2	41	12													209
	KASSALA	01	8	28	1	1	5	8,2	2	38	25													170
CENTRAL SÛDÂN	WAD MEDANI	18	—	26	2	—	—	8	2	39	24													171
	RENK	01	9	20	2	1	5	8	6	34	47													182
	ROSEIRES																							172
	EL OBEID																							174
	EL FÂSHER								—											—				175
	GENEINA	01	8	18	1	1	4	8,4	—	34	36									—				179
	KADUGLI	01	8	12	1	1	4	1	7	32	49													187
S. SÛDÂN	MALAKÂL	01	8	28	3	0	5	8,1	4	38	19													176
	WÂU	01	8	20	2	1	4	8	7	30	59													177
	JUBA																							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 4th — الرياح العليا يوم ٤

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA 12h. 30m.	WÂDI HALFA 13h. m.	KAREIMA 12h. 30m.	KHARTÛM 14h. 15m.	KASSALA 13h. m.	EL OBEID 13h. 15m.	MALAKAL h. m.	JUBA h. m.
						03 35 35	09 05 15	09 34 20	09 01 05	09 26 05	09 30 05		
						06 33 15	15 01 15	15 22 20	15 34 25	15 25 15	15 33 05		
						09 28 05	21 04 10	21 32 20	21 33 10	21 25 35	21 31 25		
						12 26 10	24 06 05	24 32 25	27 33 15	24 26 20	24 31 10		
						15 27 20		—		33 22 25			
						18 27 20							
						21 33 05							
						27 26 15							
						30 26 20							

Remarks

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

STATION	Mean of day: Humidity % on 4th	Diff from normal	Wet bulb temp °C on 4th	Diff from normal
Alexandria	74	0	22.8	+0.3
Ezbekiya	57	-1	22.8	+0.8
Gîza	64	+7	23.3	+2.2
Helwân	50	+5	20.9	+1.3

GÎZA — GRASS MINIMUM TEMP ON 5th 21.3 °C

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	5-7.	1852	1910
	4-7	1852	1852

GAUGE	Date 1947	Reading m	Diff from normal m	Previous day Reading m	Diff. from normal m
Jûba				12.37	-0.17
Nâsser				8.87	+0.17
Malakâl		11.28	+0.09	11.28	+0.11
J. Aulia Res.					
J. Aulia D.S.					
Roseires		14.02	-0.53	14.22	-0.23
Sennar Res.				6.84	—
Khartûm				11.19	-0.48
Kh. el Girba					
'Atbara				10.60	-0.31
Kajnarti					
Aswân Res.		110.70	—	111.09	—
Aswân D.S.		86.61	-0.03	86.61	-0.02
Roda (Cairo)		16.54	+0.93	16.56	+0.96

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

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 Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
MEDITERRANEAN	SALÛM												—		—				99
	MATRÛH	01	9	00	0	1	4	8	12.2	+1.3	26.0	28	0	22	+1	72	0	55	161
	MARIUT	01	7	30	3	0	3	6	10		27	30	—	24	—	70	0	139	138
	ALEXANDRIA	02	9	02	4	2	5	8	11.0	+0.6	26.4	30	+1	24	+2	72	0	106	186
	DAMIETTA	02	8	28	2	1	5	6	9.6	+0.1	27.4	29	—	22	—	81	0	32	106
	PORT SA'ÎD	00	8	02	2	0	3	4	10.0	+1.0	26.9	31	+1	24	+1	68	0	27	81
	EL 'ARÎSH	01	9	00	0	1	3	8	9.6	+0.2	28.1	30	0	21	+2	64	0	47	94
LOWER EGYPT	DAMANHÛR	01	7	28	3	1	3	8	10.6	+0.9	26.5	33	0	24	+5	74	0	84	101
	MANSÛRA	01	8	02	1	1	4	8	10.4	+0.8	27.2	34	-1	23	+3	73	0	15	55
	TANTA	01	8	32	1	1	4	8	10.0	+0.1	26.6	34	-1	20	+1	72	0	8	44
	ZAGAZIG	01	6	28	2	1	4	8	10.0	0.0	28.4	35	0	22	+3	76	0	24	27
	SHEBÎN EL KÔM	01	8	30	2	1	4	8	10.7	+0.4	27.1	35	—	22	—	70	0	9	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	02	2	1	4	6	9.6	-0.4	25.2	35	—	24	—	77	0	14	—
	CAIRO EZBEKÎYA	05	6	32	2	0	5	8	10.2	+0.2	26.7	35	-1	24	+3	69	0	13	26
	CAIRO GÎZA	02	7	30	1	2	7	8	10.2	+0.1	26.3	34	-1	24	+5	74	0	20	27
	HELWÂN	01	7	30	2	1	4	8	10.2	+0.3	25.6	34	-1	22	+1	67	0	5	29
	SUEZ	00	9	32	1	0	0	—	10.4	+1.4	26.5	36	0	22	0	65	0	4	17
UPPER EGYPT	FAIYÛM	01	8	02	3	1	4	6	9.8	+0.1	27.0	36	0	23	+2	68	0	8	8
	MINYA	00	9	02	3	0	0	—	9.0	0.0	27.9	37	+1	24	+3	66	0	dr	—
	ASYÛT																0	0	4
	NAG' HAMÂDI	00	8	32	1	0	0	—	7.2	-0.6	27.8	38	—	20	—	50	0	0	—
	QENA	00	7	24	2	0	0	—	7.0	-0.1	30.0	42	+1	24	0	37	0	dr	—
	LUXOR	00	9	22	1	0	0	—	6.2	-1.2	24.0	42	+1	25	+2	35	0	dr	—
	ASWÂN	00	9	32	2	0	0	—	6.3	-1.1	32.0	41	0	29	+3	28	0	dr	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	12.6	+0.1	27.0	37	-1	23	+3	69	0	2	8
	BAHARÎYA	00	8	32	1	0	0	—	10.0	-0.5	25.0	36	0	21	+1	54	0	dr	7
	KHÂRGA	00	9	32	1	0	0	—	—	—	29.4	39	-1	26	+3	44	0	dr	—
	DÂKHLA	00	8	00	0	0	0	—	8.6	-1.0	31.9	38	-1	26	+3	38	0	dr	—
RED SEA	TÔR																0	2	13
	HURGHÂDA	00	8	28	5	0	0	—	6.3	-0.9	30.2	35	+1	26	+2	49	0	dr	3
	QUSEIR	00	8	32	1	0	0	—	6.2	-0.6	30.2	33	0	27	+1	68	0	dr	4
	PORT SÛDÂN	00	8	20	2	9	0	—	2		38					45	0	149	97
NORTH SÛDÂN	WÂDI HALFA	00	9	32	3	1	2	1	6		37					16	0	tr	—
	KAREIMA																0	1	3
	'ATBARA	01	7	28	3	1	4	—	3		34					25	0	tr	11
	KHARTÛM	01	8	20	4	1	5	—									0	14	23
	KASSALA	02	8	20	3	1	5	8	6		36					35	0	36	65
CENTRAL SÛDÂN	WAD MEDANI	00	8	18	5	1	2	1	7		35					37	0	93	72
	RENK												—		—		—	—	186
	ROSEIRES																31	282	268
	EL OBEID	01	9	20	3	0	4	1	6		34					36	0	158	83
	EL FÂSHER	00	8	10	2	0	1	1	—	—	27					55	0	45	43
	GENEINA								—	—			—		—		—	—	97
	KADUGLI												—		—		—	—	330
S. SÛDÂN	MALAKÂL																0	361	353
	WÂU																0	684	565
	JUBA																0	716	625

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

UPPER WINDS ON 5th — الرياح العليا يوم ٥

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. 15m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR 7h. 30m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 30m.	ABU HAMAD h. m.	KAREIMA 7h. m.	KHARTÛM 5h. 30m.
			02 36 15		02 32 15	02 35 25	02 36 20	09 09 40		09 01 30	09 25 15
			05 01 15		05 35 40	06 34 35	05 01 25	15 22 30		15 30 10	15 02 15
			08 02 30		10 32 15	09 32 30	10 36 35	21 24 10		21 01 10	21 02 20
			10 01 35		15 32 45		15 35 25	24 20 30		24 19 15	24 02 15
			15 01 30				20 32 20	30 16 20		30 14 25	27 01 10
			20 34 20				25 33 25			33 13 20	30 04 15
			23 32 05							45 01 20	39 10 35
			25 25 10							51 36 25	45 11 45
			26 25 10								

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. 30m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL h. m.
09 20 25		09 24 25	09 17		
15 23 20		15 17 25			
21 23 30		21 03 30			
24 25 20		25 05 30			
30 28 25		27 05 25			
33 32 20		30 05 30			
39 23 20		37 07 15			
		39 11 40			
		51 11 30			
		57 14 20			

UPPER AIR TEMP — ALMÂZA — AT G.M.T. ON — HEIGHT feet	PPP mb.	TT °C	tt °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 5th
34700 00790 14200 08262 10112 00190.
34810 00851 28201 09271 90801 00210

ANNUAL SUBSCRIPTION P.T. 150

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

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

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

CLOUD 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 h. m. 04 59

Sunset h. m. 19 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JULY 1947 — ١٩٤٧ شهر يوليه

Saturday 5th — At 14h (الساعة ١٤ يوم السبت ٥) and At 20h on 5th

Station	14h Present weather	Visibility	Wind dir.	Force	Past weather	Cloud amount	Cloud form	Bar. press. M.S.L. 1000+ mbs	Temp. °C	Humidity %	Rain 8-14 mms	20h Present weather	Visibility	Wind dir.	Force	Past weather	Cloud amount	Cloud form	Bar. press. M.S.L. 1000+ mbs	Temp. °C	Humidity %	Rain	Station no.
Salum																							
Matruh	00	9	02	2	0	3	8	11.8	27.5	65	0	00	8	32	2	0	2	8	11.6	25.1	74	0	[illegible]
Mariut	00	7	30	4	0	2	6	10	28	70	0	00	7	32	3	0	3	6	11	25	74	0	150
Alexandria	01	9	02	5	2	4	4	10.7	27.7	66	0	01	6	04	4	2	4	4	11.2	25.0	79	0	152
Damietta	01	8	30	3	1	4	8	9.4	28.0	69	0	00	7	30	2	1	2	6	10.7	25.0	92	0	[illegible]
Port Said	00	8	32	2	0	3	4	9.8	29.8	62	0	01	8	02	2	1	4	8	10.4	25.4	80	0	[illegible]
El Arish	00	9	28	3	0	0	–	9.5	28.2	57	0	01	9	28	2	1	4	3	8.0	25.1	68	0	[illegible]
Damanhur	00	7	28	4	0	0	–	10.3	30.5	66	0	00	7	32	4	0	0	–	11.0	25.2	82	0	[illegible]
Mansura	01	8	02	2	1	4	8	9.5	32.8	50	0	00	6	04	2	1	0	–	10.0	26.0	73	0	[illegible]
Tanta	00	8	28	1	1	2	8	9.0	32.3	44	0	01	8	00	0	1	4	8	9.9	25.7	64	0	[illegible]
Zagazig	01	6	32	2	1	4	8	9.0	32.8	59	0	00	6	32	2	0	0	–	8.6	25.4	52	0	[illegible]
Shebin el Kom	00	8	04	3	1	2	8	9.5	34.2	41	0	00	7	02	2	0	0	–	11.0	25.7	70	0	
Almaza	00	7	01	3	0	2	8	8.2	33.2	50	0	00	7	02	3	0	0	–	9.2	28.1	64	0	[illegible]
Ezbekiya	01	8	30	2	1	4	8	8.4	34.2	39	0	00	7	32	3	0	0	–	9.8	28.7	57	0	
Giza	01	8	30	2	1	4	8	8.6	34.0	50	0	00	7	32	2	0	0	–	9.6	29.4	60	0	
Helwan	00	8	32	4	0	2	8	7.9	33.9	33	0	00	7	32	4	0	0	–	8.8	28.7	55	0	[illegible]
Suez	00	9	02	1	0	0	–	8.4	32.8	37	0	00	9	02	1	0	0	–	9.2	28.5	59	0	[illegible]
Faiyum	01	8	30	3	1	3	8	7.8	34.7	35	0	00	8	02	3	0	0	–	8.2	31.0	44	0	[illegible]
Minya	00	9	32	3	0	0	–	7.2	35.0	33	0	00	8	30	2	0	0	–	7.1	31.6	38	0	
Asyut	00	8	28	2	0	0	–	7.0	35.6	23	0	00	8	26	1	0	0	–	7.4	30.0	41	0	[illegible]
Nag Hamadi	00	8	24	2	0	0	–	5.0	35.7	30	0	00	8	00	0	0	0	–	5.4	30.3	44	0	[illegible]
Qena	00	8	24	2	0	0	–	3.6	40.6	21	0	00	6	22	3	0	0	–	4.8	33.3	21	0	[illegible]
Luxor	00	9	30	2	0	0	–	4.7	40.0	22	0	00	8	26	2	0	0	–	4.8	35.0	28	0	[illegible]
Aswan	01	9	28	2	1	3	1	4.3	39.3	19	0	00	9	32	1	0	0	–	4.7	36.7	21	0	[illegible]
Siwa	00	8	28	2	0	0	–	11.8	36.8	29	0	00		00	0	0	0	–	11.0	29.2	36	0	[illegible]
Bahariya	00	8	22	2	0	0	–	9.0	35.5	25	0	00	7	32	1	0	0	–	7.9	31.0	29	0	[illegible]
Kharga	00	9	32	2	0	0	–	–	36.8	24	0	01	9	32	1	0	3	1	–	34.0	26	0	[illegible]
Dakhla	00	9	28	2	0	0	–	7.5	36.3	21	0	00	8	00	0	0	0	–		33.3	19	0	[illegible]
Tor	00	7	28	5	0	0	–	5.6	29.8	59	0	00	7	28	3	0	0	–	5.0	30.8	58	0	[illegible]
Hurghada	00	8	32	5	0	0	–	5.4	31.9	47	0	00	8	28	5	0	0	–	3.9	31.6	39	0	146
Quseir	00	8	32	1	0	0	–	4.8	31.3	69	0	00	8	32	2	0	0	–	3.8	30.3	61	0	[illegible]
Port Sudan	01	8	10	4	1	4	2	0	39	42													[illegible]
Wadi Halfa																							165
Kareima	02	8	04	1	0	5	2	3	37	13													166
Atbara	02	8	32	2	1	7	4,2	0	37	22													[illegible]
Khartum	01	7	16	1	2	5	2	2	39	20													209
Kassala	00	8	28	1	0	3	8,4	1	39	24													170
Wad Medani	01	8	18	4	1	3	8	2	39	23													[illegible]
Renk	01	9	20	3	1	5	8	6	32	55													[illegible]
Roseires	01	8	16	1	1	4	4	6	32	55													[illegible]
El Obeid	01	9	18	2	1	5	8,1	3	37	27													[illegible]
El Fasher	01	8	12	2	1	4	8,4	—	37	17													175
Geneina	00	8	30	1	0	3	8	—	33	53													[illegible]
Kadugli	01	8	12	2	1	5	4	8	29	59													187
Malakal	62	8	28	7	4	7	9,5	–	–	–													176
Wau	02	8	00	0	8	6	8,4	7	37	35													177
Juba	01	8	14	1	1	4	8	7	37	53													[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 5th

Matruh	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.	12 h. 45 m.	h. m.	h. m.	13 h. m.	h. m.	12 h. 45 m.
								03 05 05			06 20 10		06 18 05
								06 03 35			09 20 20		09 19 10
								09 03 35			15 23 30		15 19 15
								15 03 50			21 24 20		21 21 15
								21 31 20			30 29 10		30 21 20
								30 36 15					

Sunday 6th — At 8h (الساعة ٨ يوم الأحد ٦)

Station	Present weather	Visibility	Wind dir.	Force	Past weather	Cloud amount	Cloud form	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	Normal from Oct. 1 mms
Salum												—		—				99
Matruh	01	9	00	0	0	3	8	12.2	+1.4	25.3	28	0	20	-1	65	0	35	161
Mariut	01	7	32	2	0	3	6	11	—	27	28	—	22	—	62	0	139	138
Alexandria	01	9	04	2	2	4	8	10.6	+0.3	26.0	29	0	24	+2	67	0	106	186
Damietta	01	8	28	2	1	4	8	10.3	+0.9	26.9	29	—	23	—	83	0	32	106
Port Said	01	8	30	2	1	4	8	10.3	+1.4	27.0	30	0	24	+2	69	0	27	81
El Arish	01	9	00	0	1	4	3	8.6	-0.7	27.4	29	-1	21	+2	69	0	47	94
Damanhur	00	7	32	3	0	0	—	11.1	+1.5	26.5	32	-1	20	0	66	0	84	101
Mansura	01	8	32	1	1	4	8	10.8	+1.3	26.8	34	-1	21	+1	71	0	15	55
Tanta	01	8	00	0	1	4	8	10.7	+0.9	26.4	33	-2	19	0	74	0	8	44
Zagazig	03	6	32	2	2	4	8	10.4	+0.4	28.4	34	-1	21	+2	76	0	24	27
Shebin el Kom	01	8	02	1	1	4	8	11.5	+1.3	26.2	35	—	21	—	73	0	9	
Almaza	01	7	01	2	1	4	6	10.6	+0.6	24.8	35	—	22	—	64	0	14	—
Ezbekiya	05	6	30	2	0	4	8	10.7	+0.7	25.9	35	-1	23	+2	69	0	13	26
Giza	01	8	30	1	1	4	8	10.7	+0.7	26.5	34	-1	22	+3	70	0	20	27
Helwan	00	7	32	3	0	0	—	10.7	+0.8	25.0	34	-1	22	+1	69	0	5	29
Suez	00	9	02	1	0	0	—	9.5	+0.6	26.8	35	-1	23	+1	70	0	4	17
Faiyum	00	8	02	3	0	1	8	10.2	+0.6	25.7	36	-1	22	+1	70	0	8	8
Minya	00	9	32	3	0	0	—	10.0	+1.0	26.8	36	-1	22	+1	63	0	dr	—
Asyut	00	7	30	2	0	0	—	9.0	+0.3	27.1	37	0	23	+1	56	0	0	4
Nag Hamadi	00	8	24	1	0	0	—	7.0	-0.9	27.9	36	—	23	—	57	0	0	—
Qena	00	7	24	2	0	0	—	5.5	-1.6	29.7	42	+1	26	+2	43	0	dr	—
Luxor	00	9	14	1	0	0	—	5.9	-1.5	34.0	42	+1	23	0	33	0	dr	
Aswan	00	9	30	1	0	0	—	5.8	-1.6	29.7	41	0	27	+1	37	0	dr	—
Siwa	00	7	00	0	0	0	—	12.6	+0.2	25.8	37	-1	20	0	68	0	2	8
Bahariya	00	8	32	2	0	0	—	10.0	-0.5	26.0	36	0	21	+1	62	0	dr	7
Kharga	00	9	32	3	0	0	—	—	—	29.0	37	-3	27	+4	44	0	dr	
Dakhla	00	8	00	0	0	0	—	9.1	-0.4	31.3	38	-1	25	+2	28	0	dr	—
Tor	00	7	28	5	0	0	—	5.8	-0.6	26.8	34	0	25	+1	67	0	2	13
Hurghada	00	8	30	5	0	0	—	4.7	-2.4	28.9	34	0	26	+2	46	0	dr	3
Quseir	00	8	32	2	0	0	—	4.7	-2.0	30.0	33	0	27	+1	48	0	dr	4
Port Sudan	00	8	16	1	0	0	—	1		37					35	0	149	97
Wadi Halfa	00	8	02	2	0	1	1	7		31					24	0	Tr	—
Kareima	02	8	04	3	1	6	2	5		34					07	0	1	3
Atbara	18	5	32	4	1	0	—	3		36					22	0	Tr	11
Khartum	01	7	20	5	1	4	2	6		33					41	0	14	25
Kassala	00	8	18	3	1	3	1	7		29					59	0	36	68
Wad Medani																0	93	76
Renk												—		—		—	—	190
Roseires																1	283	275
El Obeid	02	8	20	3	1	8	5,3	7		27					58	0	158	86
El Fasher	02	8	10	2	1	8	4,5	—	—	28					52	0	45	45
Geneina	01	8	00	0	1	4	4	—	—	25		—		—	65	—	—	101
Kadugli																		335
Malakal	02	8	00	0	1	7	4,5	9		24					89	2	363	358
Wau																6	690	571
Juba																0	716	629

Upper Winds are in the Code HHDDVV where HH is Height 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 Said	Helwan	Minya	Asyut	Luxor	Aswan	Wadi Halfa	Abu Hamad	Kareima	Khartum
h. m.	h. m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	5 h. m.	6 h. m.
			02 02 10		02 34 30		02 36 15		06 35 40	03 01 05	06 24 30
			05 01 15		05 26 35		05 35 30		09 35 40	06 01 40	09 36 40
			08 02 25		10 32 55		10 33 20		15 01 25	09 02 35	15 29 20
			10 02 30				15 34 20		21 04 15	15 33 15	21 03 25
			15 36 30				20 34 15		24 05 20	21 34 15	24 03 25
			20 34 15				25 31 10		30 28 05	24 32 10	27 02 20
			25 32 05				30 32 10			30 24 05	30 04 20
			30 21 25								39 10 35
			35 20 30								

Kassala	Port Sudan	El Obeid	El Fasher	Geneina	Malakal
7 h. m.	6 h. 45 m.	7 h. m.	h. m.	7 h. m.	h. m.
09 16 10	03 31 15	06 24 30		09 17 05	
15 24 15	09 33 20	09 24 50		15 16 10	
21 21 05	21 36 20	15 25 10		21 16 05	
24 21 05	24 32 15	21 35 10		24 12 15	
30 07 15	30 29 05	24 35 15		30 14 20	
33 07 15	39 31 15	27 01 15		33 14 20	
				39 12 20	
				45 12 20	

UPPER AIR TEMP. ALMÂZA

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			

CYPRUS SYNOPTIC 8h ON 6th

34700 00990 16210 08291 90000 00180

34800 00990 00000 09262 10101 00190

Remarks

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

STATION	Mean of day: Humidity % on 5th	Diff. from normal	Wet bulb temp °C on 5th	Diff. from normal
Alexandria	74	0	22.7	+0.2
Ezbekiya	60	+2	23.0	+1.0
Giza	63	+6	24.2	+3.1
Helwân	58	+12	21.9	+2.2

GÎZA — GRASS MINIMUM TEMP ON 6th 18.0 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON 6th 27.3 °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	6-7	—	—
	5-7	1052	1910

GAUGE	Date (1947)	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6-7			13.37	-0.17
Nâsser					
Malakâl				11.28	+0.09
J. Aulia Res.				371.62	—
J. Aulia D.S.				371.55	-0.21
Roseires		14.03	-0.64	14.02	-0.53
Sennar Res.				7.02	—
Khartûm				11.28	-0.44
Kh. el Girba				11.73	-0.34
'Atbara				10.62	-0.34
Kajnarti					
Aswân Res.				110.70	—
Aswân D.S.				86.61	-0.03
Roda (Cairo)		16.56	+0.95	16.54	+0.93

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, fog in past hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Freezing Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
of Snow	85-87
of Sleet	85-86
of Hail	88-89
Thunderstorm	90-99
... Low Fog	91
with Hail	93-96
with Duststorm	98
heavy, with Hail	99

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

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

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

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

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

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

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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h on Sunday 6th (الساعة ١٤ يوم ٦/٧) — At 20h on 6th (الساعة ٢٠ يوم الأحد ٦)

Region	Station	14h Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs PPP	Temp °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs PPP	Temp °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH												00	8	30	2	0	0	–	11.4	25.1	71	0	131
	MARIUT	01	7	29	3	1	3	8	11	28	62	0	00	7	29	1	0	2	6	10	24	74	0	150
	ALEXANDRIA	01	9	28	4	2	4	4	11.0	28.0	61	0	01	5	04	2	2	4	4	11.0?	25.2	70	0	132
	DAMIETTA	00	8	30	3	1	0	–	9.6	28.9	66	0	00	8	30	2	0	0	–	9.6	25.0	84	0	159
	PORT SA'ÎD	00	8	30	3	0	0	–	10.0	30.7	61	0	00	8	28	3	0	0	–	9.5	25.6	76	0	134
	EL 'ARÎSH	00	9	28	4	0	0	–	9.0	28.4	46	0	00	9	28	3	0	0	–	7.4	26.7	57	0	135
Lower Egypt	DAMANHÛR	00	7	32	4	0	0	–	10.8	30.2	58	0	00	7	32	3	0	0	–		25.2	82	0	136
	MANSÛRA	00	8	20	1	1	2	8	10.0	33.0	34	0	00	6	28	2	1	0	–	9.5	26.0	67	0	137
	TANTA	00	8	32	2	1	0	–	9.5	33.0	37	0	00	8	32	1	0	0	–	10.2	25.0	74	0	138
	ZAGAZIG	00	6	28	2	0	1	8	9.2	32.8	53	0	00	6	32	2	0	0	–	10.2	26.4	79	0	139
	SHEBÎN EL KÔM	00	8	02	3	0	0	–	9.9	34.3	32	0	00	7	02	2	0	0	–	10.4	25.9	64	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	30	2	0	0	–	9.3	33.3	44	0	00	7	32	2	0	0	–	8.5	30.2	51	0	141
	CAIRO EZBEKÎYA	00	8	28	2	0	0	–	9.2	34.0	33	0	00	7	28	3	0	0	–	9.5	29.4	51	0	—
	CAIRO GÎZA	00	8	30	2	0	0	–	9.2	33.8	44	0	00	7	28	2	0	0	–	9.2	28.3	55	0	—
	HELWÂN	00	7	32	4	0	0	–	8.4	32.4	24	0	05	6	30	5	0	0	–	8.4	29.9	41	0	143
	SUEZ	00	9	02	1	0	0	–	8.8	34.1	33	0	00	9	02	1	0	0	–	9.5	30.1	43	0	144
Upper Egypt	FAIYÛM	00	8	02	3	0	0	–	8.3	34.8	24	0	00	8	30	1	0	0	–	7.9	30.2	42	0	153
	MINYA	00	9	32	4	0	0	–	8.4	34.9	20	0	00	8	32	2	0	0	–	7.2	31.2	31	0	154
	ASYÛT												00	6	26	1	0	0	–	7.5	30.0	30	0	155
	NAG' HAMÂDI	00	8	24	3	0	0	–	5.5	35.2	30	0	00	8	24	2	0	0	–	5.8	30.9	32	0	164
	QENA	00	8	26	3	0	0	–	4.3	41.1	14	0	00	6	24	2	0	0	–	4.2	33.0	30	0	156
	LUXOR	00	9	06	2	0	0	–	4.7	40.0	17	0	00	8	02	2	0	0	–	4.8	34.8	30	0	157
	ASWÂN	01	9	30	2	1	3	1	4.0	40.4	21	0	00	9	32	3	0	0	–	4.7	37.0	18	0	158
Western Desert	SÎWA	00	8	20	3	0	0	–	12.2	33.3	29	0	00		00	0	0	0	–	11.6	29.4	38	0	148
	BAHARÎYA	00	8	28	1	0	0	–	9.0	35.0	26	0	00	7	32	1	0	0	–	7.9	31.5	25	0	149
	KHÂRGA												00	9	32	1	0	0	–	–	33.3	26	0	151
	DAKHLA	00	9	28	2	0	0	–	7.8	37.1	17	0	00	8	00	0	0	0	–	7.1	34.8	18	0	152
Red Sea	TÔR	00	7	28	5	0	0	–	3.0	29.4	63	0	00	7	28	3	0	0	–	4.2	29.2	65	0	145
	HURGHÂDA	00	8	32	5	0	0	–	3.5	32.8	45	0	00	8	30	4	0	0	–	3.2	30.4	50	0	146
	QUSEIR	00	8	02	2	0	0	–	3.9	31.9	61	0	00	8	30	3	0	0	–	3.1	30.0	61	0	147
	PORT SÛDÂN	00	8	10	4	0	0	–	0	38	51													208
North Sûdân	WÂDI HALFA	14	7	30	5	0	0	–	4	41	11													165
	KAREIMA	02	8	32	4	1	8	4,2	4	44	11													166
	'ATBARA	00	7	32	3	0	0	–	0	37	20													167
	KHARTÛM	00	8	32	2	1	2	4,3	2	42	19													209
	KASSALA	01	8	22	3	0	3	8,4	1	39	26													170
Central Sûdân	WAD MEDANI	01	8	24	4	1	4	8	2	39	23													171
	RENK	01	9	20	2	1	4	1	6	34	53													182
	ROSEIRES	02	8	24	1	1	5	8	7	33	53													172
	EL OBEID	01	9	26	2	1	4	8,4	3	37	25													174
	EL FÂSHER	02	8	00	0	2	5	8,1	—	37	22										—			175
	GENEINA	02	8	00	0	1	5	8,4	—	33	30										—			179
	KADUGLI	00	8	20	1	1	3	1	8	30	55													187
S. Sûdân	MALAKÂL	02	8	20	3	1	8	9,4	7	30	66													176
	WAU	01	8	20	1	1	4	8	7	31	28													177
	JUBA	01	8	20	1	1	4	8	7	31	49													17[illegible]

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	Dry Bulb °C	Max. Yesterday °C	Diff from norm °C	Min. Today °C	Diff from norm °C	Humidity %	Rain Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Mediterranean	SALÛM												—		—				99
	MATRÛH	00	9	26	2	0	0	–	11.1	+0.4	25.0	27	-1	20	-1	72	0	55	161
	MARIUT	00	7	28	3	0	0	–	10		27	28	—	23	—	66	0	139	138
	ALEXANDRIA	00	9	28	4	0	0	–	9.9	-0.3	26.0	30	+1	23	+1	65	0	106	186
	DAMIETTA	01	8	28	2	1	3	8	8.6	-0.7	27.2	30	—	19	—	73	0	32	106
	PORT SA'ÎD	01	7	26	2	1	5	6	9.5	+0.7	25.9	31	0	24	+1	76	0	27	81
	EL 'ARÎSH	00	9	24	1	0	0	–	9.1	-0.1	28.7	30	0	21	+1	59	0	47	94
Lower Egypt	DAMANHÛR	01	7	04	3	1	3	8	9.9	+0.4	26.5	31	-2	20	0	71	0	84	101
	MANSÛRA	01	8	04	2	1	4	8	9.5	+0.1	26.6	35	0	19	-1	71	0	15	55
	TANTA	00	8	28	1	0	0	–	9.8	+0.1	26.0	33	-2	18	-1	74	0	8	44
	ZAGAZIG	02	6	28	2	2	5	8	10.2	+0.3	26.4	35	0	20	+1	79	0	24	27
	SHEBÎN EL KÔM	00	8	28	2	1	2	8	9.2	-0.9	27.1	36	—	20	—	64	0	9	—
Middle Egypt	CAIRO ALMAZA	01	7	01	2	1	3	9	9.7	-0.2	25.2	35	—	22	—	67	0	14	—
	CAIRO EZBEKÎYA	05	6	26	2	0	4	8	10.0	+0.1	25.5	35	-1	22	+1	67	0	13	26
	CAIRO GÎZA	01	7	30	1	1	4	8	9.9	0.0	25.5	35	0	21	+2	67	0	20	27
	HELWÂN	00	7	32	2	0	2	6	9.9	+0.1	24.0	35	0	21	0	66	0	5	29
	SUEZ	01	9	02	1	1	4	3	9.1	+2.2	26.3	36	0	22	0	68	0	4	17
Upper Egypt	FAIYÛM	01	8	02	3	1	3	8	10.2	+0.7	25.8	36	-1	21	0	69	0	8	8
	MINYA	00	9	02	2	0	0	–	8.7	-0.2	26.1	36	-1	23	+2	67	0	dr	—
	ASYÛT	00	7	30	2	0	0	–	8.7	0.0	28.8	36	-1	21	-1	53	0	0	4
	NAG' HAMÂDI	00	8	24	1	0	0	–	6.7	-0.9	28.7	36	—	24	—	52	0	0	—
	QENA	00	7	26	3	0	0	–	5.9	-1.1	31.2	42	+1	24	0	31	0	dr	—
	LUXOR	00	9	30	2	0	0	–	5.8	-1.5	33.0	41	0	23	0	34	0	dr	—
	ASWÂN	00	9	32	3	0	0	–	5.9	+1.5	31.6	42	+1	26	0	27	0	dr	—
Western Desert	SÎWA	00	7	28	2	0	0	–	12.6	+0.3	24.6	35	-3	20	0	79	0	2	8
	BAHARÎYA	00	8	00	0	0	0	–	9.9	-0.5	25.1	36	-1	20	0	61	0	dr	7
	KHÂRGA	00	9	00	0	0	0	–	–	–	28.6	37	-3	26	+3	44	0	dr	—
	DÂKHLA	00	8	28	1	0	0	–	9.2	-0.2	29.1	38	-1	24	+1	30	0	dr	—
Red Sea	TÔR	00	7	28	6	0	0	–	4.4	-1.9	26.8	31	-3	24	0	66	0	2	13
	HURGHÂDA	00	8	30	5	0	0	–	4.0	-3.0	29.9	34	0	27	+3	43	0	dr	3
	QUSEIR	00	8	32	2	0	0	–	4.2	-2.5	30.5	33	0	28	+2	51	0	dr	4
	PORT SÛDÂN	00	8	17	3	1	3	4	1		37					48	0	149	97
North Sûdân	WÂDI HALFA	00	8	02	4	0	0	–	7		31					19	0	tr	—
	KAREIMA	01	8	32	5	1	4	4	6		33					17	0	1	3
	'ATBARA	18	6	32	4	1	4	4	2		34					23	0	tr	12
	KHARTÛM	01	7	02	2	1	3	4,1	4		36					18	0	14	27
	KASSALA	00	8	17	3	1	0	–	6		31					55	0	36	70
Central Sûdân	WAD MEDANI																0	93	80
	RENK	50	9	–	–	–	8	6	11		25	—		—		94	Rain	—	194
	ROSEIRES																2	285	281
	EL OBEID	02	8	22	4	1	7	2	7		30					55	0	158	89
	EL FÂSHER	01	8	04	2	1	4	4	—	—	29					46	0	45	48
	GENEINA											—		—			—	—	106
	KADUGLI	02	8	28	1	2	6	4	10		26	—		—		79			340
S. Sûdân	MALAKÂL																22	385	363
	WÂU																0	690	577
	JUBA																0	716	633

Upper Winds on 6th

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

MATRÛH h m	MARIUT h m	PORT SA'ÎD h m	ALMÂZA h m	MINYA h m	LUXOR h m	HURGHÂDA h m	WÂDI HALFA 13h 15m	KAREIMA 13h m	KHARTÛM 13h m	KASSALA 12h 45m	EL OBEID 12h 30m	MALAKAL h m	JUBA 13h m
							03 34 20	03 36 25	06 31 15	09 22 15	06 28 05		06 08 05
							06 35 25	06 36 25	09 27 05	15 22 20	09 28 05		09 09 05
							09 35 25	09 36 40	15 29 05	21 22 35	15 28 10		15 17 05
							15 01 15	15 35 40	21 02 15	30 26 45	21 29 15		21 16 15
							21 06 05	21 33 15	30 03 30	39 36 25	30 32 15		30 17 15
									39 08 30	45 01 35			39 07 55
									45 11 30				45 09 45

Upper Winds on 7th

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

MATRÛH h m	MARIUT h m	PORT SA'ÎD h m	HELWAN 9h m	MINYA h m	ASYUT 7h m	LUXOR h m	ASWAN 7h m	WADI HALFA 7h m	ABU HAMAD 6h 45m	KAREIMA 7h 15m
			02 32 15		02 34 20		02 35 30	09 35 55	09 35 30	09 01 65
			05 01 05		05 35 45		05 35 35	15 34 50	15 35 20	15 03 45
			08 01 20		10 33 65		10 34 40	21 33 30	21 01 30	21 33 30
			10 01 30				15 29 15	24 35 15	24 33 20	24 35 20
			15 34 30				20 35 10			
			20 34 20				25 25 05			
			25 33 20				30 09 05			
			30 32 25							
			32 32 25							

KASSALA 7h m	PORT SÛDÂN 7h m	EL OBEID h m	EL FÂSHER 7h m	GENEINA h m	MALAKAL h m
09 21 15	09 14 10		09 21 15		
15 22 45	15 13 15		15 30 15		
21 23 40			21 05 35		
24 24 40			24 05 35		

Upper Air Temp. — At [illegible] G.M.T. on [illegible]

Height feet	PPP	TT	
Surface			
500			
1000			
1500			
2000			
3000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Remarks

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

Mean of day

Station	Humidity % on 6th	Diff from normal	Wet Bulb Temp °C on 6th	Diff from normal
Alexandria	67	-7	21.9	-0.7
Ezbekiya	57	-1	22.2	+0.1
Gîza	58	+1	23.0	+1.8
Helwân	52	+6	20.7	+1.0

GÎZA — Grass Minimum Temp on 7th 16.8 °C

CAIRO — Water Temp River Nile at 9h on 7th °C

Gauges

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	7				
Nasser					
Malakâl		11.33	+0.10	11.30	+0.09
J. Aulia Res.				371.67	–
J. Aulia D.S				371.60	-0.20
Roseires		14.30	-0.54	14.03	-0.64
Sennar Res.				7.14	–
Khartûm				11.36	-0.42
Kh. el Girba				11.69	-0.45
'Atbara				10.75	-0.27
Kajnarti				132.86	-0.37
Aswân Res.	7	110.04	–	110.40	–
Aswân D.S		86.62	-0.08	86.61	-0.05
Roda (Cairo)		16.53	+0.96	16.56	+0.95

Discharges at Aswan measured by sluices m³ per sec.

Date	1947	1946
7-7	1852	1910
6-7	1852	1910

CYPRUS SYNOPTIC 8h ON 7th

34700 00990 00000 07281 90300 00200.
34800 00990 38300 07282 10801 00220.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „	42
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and Snow	65, 69
Snow	70-79
Showers	80-89
„ of Snow	83 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90 99
„ ended now Rain	91
„ with Hail	93 96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
[illegible]	4
4	5
[illegible]	6
20	7
50	8
Visible over 50 km	9

CLOUD AMOUNT (N)

[illegible]

CLOUD FORM (C)

Cirrus	1
Cirro-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	[illegible]	[illegible]
Almost calm	[illegible]	[illegible]
Very light	[illegible]	[illegible]
Light	[illegible]	[illegible]
Moderate	[illegible]	[illegible]
Fresh	[illegible]	[illegible]
Strong	[illegible]	[illegible]
Very strong	[illegible]	[illegible]
Gale	[illegible]	[illegible]
Strong gale	[illegible]	[illegible]
Whole gale	78-90	10
Storm	[illegible]-104	11
Hurricane	over 104	12

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise h. 05 m. 00 — Sunset h. 18 m. 59

Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h on Monday 7th — الساعة ١٤ يوم ٧ ; At 20h on 7th — الساعة ٢٠ يوم ٧ الاثنين

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	3	0	0	—	10.7	27.8	65	0	00	8	30	4	0	0	—	10.3	25.8	75	0	131
MARIUT	00	7	28	4	0	1	8	9	28	66	0	00	7	29	3	0	0	—	8	26	74	0	150
ALEXANDRIA	01	9	28	5	2	4	4	9.6	29.0	63	0	00	5	04	3	0	0	—	9.1	25.6	75	0	132
DAMIETTA	00	8	30	3	1	0	—	8.3	29.2	64	0	00	7	30	3	1	2	1	7.9	25.5	79	0	159
PORT SAÏD	00	8	30	3	0	3	1	8.7	30.8	55	0	00	8	30	3	0	3	1	8.2	25.9	76	0	134
EL ARÎSH	00	9	28	4	0	0	—	7.5	26.2	61	0	01	9	30	4	1	4	8	7.6	26.7	73	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	28	4	0	0	—	9.5	30.2	53	0	00	7	32	3	0	0	—	8.7	25.5	76	0	136
MANSÛRA	01	8	04	2	1	3	6	8.0	32.4	37	0	00	6	04	2	1	0	—	8.2	26.4	66	0	137
TANTA	00	8	28	2	0	0	—	8.3	32.0	46	0	00	8	00	0	0	0	—	8.8	24.0	80	0	138
ZAGAZIG	00	6	34	2	0	0	—	8.4	32.4	64	0	00	6	32	2	0	0	—	9.9	28.6	75	0	139
SHEBÎN EL KÔM	00	8	02	3	0	1	8	8.8	34.6	33	0	00	7	02	3	0	0	—	9.1	26.7	64	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	30	2	0	0	—	7.3	34.0	27	0	00	7	28	2	0	3	1	7.2	30.3	44	0	141
CAIRO EZBEKÎYA	01	8	28	2	0	3	1	7.9	32.7	39	0	00	7	28	4	0	0	—	8.6	29.2	51	0	—
CAIRO GÎZA	01	8	06	1	0	4	1	8.0	33.2	37	0	00	7	28	3	0	0	—	9.0	28.2	56	0	—
HELWÂN	00	7	32	1	0	0	—	7.2	32.5	26	0	00	7	30	4	0	0	—	7.2	30.0	40	0	143
SUEZ	00	9	00	0	0	0	—	7.8	33.1	31	0	00	9	02	1	0	0	—	7.4	29.7	44	0	144
UPPER EGYPT																							
FAIYÛM	01	8	02	2	1	3	3		33.3	29	0	00	8	30	2	0	0	—	6.7	30.4	38	0	153
MINYA	00	9	32	3	0	0	—	7.8	34.3	22	0	00	8	30	1	0	0	—	7.5	31.3	30	0	154
ASYÛT																							155
NAG HAMÂDI	00	8	24	3	0	0	—	5.9	35.2	31	0	00	8	24	1	0	0	—	5.1	29.9	31	0	164
QENA	00	8	26	3	0	0	—	8.8	40.0	13	0	00	6	24	2	0	0	—	3.5	32.2	25	0	156
LUXOR	00	9	26	3	0	0	—	4.4	39.0	23	0	00	8	22	2	0	0	—	4.6	34.1	31	0	157
ASWÂN	00	9	30	3	0	0	—	3.9	39.6	16	0	00	9	32	2	0	0	—	4.4	36.8	20	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	—	12.0	33.7	19	0	00		00	0	0	0	—	10.8	29.8	35	0	148
BAHARÎYA	00	8	28	2	0	0	—	7.6	34.0	24	0	00	7	28	1	0	0	—	8.0	31.2	26	0	149
KHÂRGA																							151
DAKHLA	00	9	28	2	0	0	—	7.4	36.9	17	0	00	8	28	1	0	0	—		33.9	20	0	152
RED SEA																							
TÔR												00	7	28	4	0	0	—	3.4	30.2	54	0	145
HURGHÂDA	00	8	32	6	2	0	—	2.7	33.9	33	0	00	8	30	5	0	0	—	2.4	30.7	39	0	146
QUSEIR	00	8	02	2	0	0	—	2.4	32.0	53	0	00	8	32	2	0	0	—	2.8	29.9	55	0	147
PORT SÛDÂN	02	8	10	3	1	6	2	97	40	53													208
NORTH SÛDÂN																							
WADI HALFA	00	7	30	4	0	0	—	5	41	12													165
KAREIMA																							166
ATBARA	00	7	02	4	0	2		99	44	08													167
KHARTÛM	01	8	32	3	1	5	2	1	42	12													209
KASSALA	01	8	22	4	1	5	8,2	0	40	28													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	20	3	0	4	8	1	41	19													171
RENK	00	9	24	3	0	0	—	6	33	53													182
ROSEIRES	01	8	12	1	1	5	5	5	32	55													172
EL OBEID	02	9	00	0	1	5	8,4,9	2	38	24													174
EL FASHER	02	9	08	2	1	7	2	—	38	15									—				175
GENEINA	81	8	22	1	1	4	8,2	—	31	47									—				179
KADUGLI	02	9	00	0	1	8	4,5	7	30	66													187
S. SÛDÂN																							
MALAKÂL	02	8	30	1	1	6	7,4	8	29	70													176
WÂU	60	8	08	2	1	8	9	8	28	79													177
JUBA																							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 7th — الرياح العليا يوم ٧

MATRÛH	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13h 45m	KAREIMA	KHARTÛM 13h 45m	KASSALA 13h	EL OBEID 13h	MALAKAL 13h	JUBA
							03 33 20		06 36 20	06 22 20	06 17 10	06 28 15	
							06 34 15		09 35 30	09 22 25	09 12 05	09 27 15	
							09 34 15		15 35 25	15 22 40	15 03 05	15 24 15	
							15 35 30		21 02 25	21 24 30	21 26 10	21 22 15	
							21 35 30		21 02 25	30 24 20	30 03 55	30 21 35	
									30 02 40	39 24 40	39 06 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 7th	Diff from normal	Wet bulb temp °C on 7th	Diff from normal
Alexandria	67	-7	22.5	-0.1
Ezbekiya	56	-2	22.0	-0.2
Giza	58	0	22.0	+0.8
Helwân	50	+4	20.2	+0.4

GÎZA — Grass minimum temp. on 8th 16.8 °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
8-7	1852	1910
7-7	1852	1910

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	7			13.28	-0.26
Nâsser					
Malakâl				11.33	+0.10
J. Aulia Res				371.67	—
J. Aulia D S				371.60	-0.25
Roseires		15.02	+0.07	14.30	-0.54
Sennar Res				7.14	—
Khartûm				11.32	-0.55
Kh. el Girba				11.90	-0.32
Atbara				10.82	-0.25
Kajnarti				132.82	-0.50
Aswân Res.	8	109.67	—	110.04	—
Aswân D.S		86.62	-0.12	86.62	-0.08
Roda (Cairo)				16.38	+0.96

At 8h on Tuesday 8th — الساعة ٨ يوم الثلاثاء 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	Temp. Dry Bulb °C	Maximum Yesterday °C	Max. Diff from norm °C	Minimum Today °C	Min. Diff from norm °C	% Humidity	Rainfall Past 24 h mms	Rainfall Total mms	Rainfall Normal mms
MEDITERRANEAN																		
SALÛM																		99
MATRÛH	00	9	26	3	0	0	—	8.3	-2.3	25.0	28	0	20	-1	79	0	55	161
MARIUT	00	8	27	3	0	0	—	7		28	29	—	24	—	62	0	139	138
ALEXANDRIA	00	9	28	4	0	0	—	6.8	-3.3	26.8	30	+1	24	+2	71	0	166	186
DAMIETTA	01	8	28	3	1	3	8	5.9	-3.3	27.0	30	—	21	—	80	0	32	106
PORT SAÏD	02	8	29	2	2	5	6	6.0	-2.7	26.7	31	0	24	+1	78	0	27	81
EL ARÎSH	01	9	16	1	1	3	8	6.2	-2.9	28.8	30	0	21	+1	61	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	32	3	0	0	—	7.4	-2.1	27.2	31	-2	20	0	73	0	84	101
MANSÛRA	01	8	24	2	1	4	8	6.2	-3.1	27.2	34	-1	21	+1	75	0	15	55
TANTA	00	8	28	1	0	0	—	6.7	-3.0	26.6	33	-2	18	-1	74	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	5.9	-3.9	28.8	35	0	20	+1	80	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	7.2	-2.8	27.8	36	—	21	—	66	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	26	2	1	2	8	6.5	-3.3	25.1	35	—	22	—	75	0	14	—
CAIRO EZBEKÎYA	05	6	28	2	0	3	8	6.8	-3.0	27.1	35	-1	22	+1	68	0	13	26
CAIRO GÎZA	00	7	28	1	1	3	8	6.8	-3.0	26.8	34	-1	20	+1	69	0	20	27
HELWÂN	00	7	28	3	0	1	6	6.8	-2.9	24.0	34	-1	22	+1	75	0	5	29
SUEZ	00	9	02	1	0	0	—	7.0	-1.7	26.0	36	0	22	0	67	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	2	0	2	8	6.8	-2.6	25.7	36	-1	21	0	70	0	8	8
MINYA	00	9	30	3	0	0	—	7.1	-1.8	25.3	35	-2	21	0	71	0	dr	—
ASYÛT																	0	4
NAG HAMÂDI																	0	
QENA	00	7	24	3	0	0	—	3.8	-3.2	29.3	41	0	24	0	38	0	dr	—
LUXOR	00	9	02	2	0	0	—	4.6	-2.6	34.0	40	+1	27	+4	27	0	dr	—
ASWÂN	00	9	32	4	0	0	—	4.7	-2.6	31.2	41	0	26	0	25	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	28	2	0	0	—	11.2	-1.1	24.0	36	-2	20	0	78	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	8.8	-1.5	25.5	35	-2	19	-1	61	0	dr	7
KHÂRGA																	dr	
DÂKHLA	00	8	28	1	0	0	—	7.5	-1.8	28.9	37	-2	22	-1	28	0	dr	—
RED SEA																		
TÔR	00	7	28	5	0	0	—	4.4	-1.8	27.1	30	-4	25	+1	61	0	2	13
HURGHÂDA	00	8	30	5	0	0	—	2.3	-4.7	29.6	35	0	28	+4	45	0	dr	3
QUSEIR	00	8	30	2	0	0	—	2.7	-3.9	30.2	33	0	26	0	52	0	dr	4
PORT SÛDÂN	02	8	08	1	1	6	2	1		34					61	0	149	98
NORTH SÛDÂN																		
WÂDI HALFA																0	tr	—
KAREIMA																0	1	4
ATBARA																0	tr	13
KHARTÛM	00	8	10	1	0	0	—	3		33					20	0	14	29
KASSALA																0	36	73
CENTRAL SÛDÂN																		
WAD MEDANI																0	93	84
RENK												—		—			—	198
ROSEIRES	20	6	16	5	3	5	5	3		30					49	7	292	288
EL OBEID																0	158	92
EL FÂSHER	02	8	04	1	1	8	2	—	—	31					31	0	45	50
GENEINA												—		—		Rain	—	110
KADUGLI	02	8	12	1	2	6	4	10		23		—		—	94	—	—	345
S. SÛDÂN																		
MALAKÂL																3	388	368
WÂU																2	692	583
JUBA	01	5	00	0	0	4	4,2	10		24					74	12	728	637

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

UPPER WINDS ON 8th — الرياح العليا يوم ٨

MATRÛH	MARIUT	PORT SAÏD	HELWÂN 8h 45m	MINYA	ASYÛT	LUXOR	ASWÂN 7h	WÂDI HALFA 6h 30m	ABU HAMAD 7h 15	KAREIMA 7h 15	KHARTÛM 8h 30
			02 33 30				02 33 45	03 36 25	06 32 25	03 36 30	06 24 20
			05 33 30				05 34 40	06 01 45	09 35 40	06 36 55	09 27 15
			08 33 20				10 35 35	09 36 50	12 34 30	09 36 50	15 01 25
			10 34 25				15 26 35	15 32 30	15 34 25	15 01 30	21 04 30
			15 03 40				20 31 20	21 29 15	21 34 25	21 01 30	
			20 05 35								

KASSALA 7h	PORT SÛDÂN 7h	EL OBEID	EL FÂSHER	GENEINA 7h	MALAKAL
09 19 25	06 04 25			09 21 15	
15 24 10	09 17 20			15 31 20	
21 28 30	12 21 35			21 34 20	
30 36 25	15 35 30			30 05 25	
33 02 25	21 05 15				
39 06 25	24 06 05				
42 07 40					

UPPER AIR TEMP — ALMÂZA — AT G.M.T. ON

HEIGHT FEET	PPP mb	TT	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 6h ON 8th

34700 00990 08200 02301 90300 00240

34800 00890 14100 03312 20707 00230

WIND FORCE (F)

	K.P.H.	Force
Calm		0
Almost calm		
Very light		
Light		
Moderate		4
Fresh		
Strong	35-44	
Very strong		
Gale		
Strong gale		
Whole gale		
Storm	91-104	
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorms	30-34
Fog or Thick Haze	40-49
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

CLOUD FORM (C)

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

Time of Sunrise 05 h 00 m
18 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h on Tuesday 8th (الثلاثاء ٨/٧) and at 20h on 8th

	Station	14h Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar press M.S.L. 1000+ mbs PPP	°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	Form C	Bar press M.S.L. 1000+ mbs	Temp	Humidity	Rain 14-20 mms	Station No.
Mediterranean	SALUM																							130
	MATRUH	00	9	30	4	0	0	—	7.2	27.7	76	0	00	8	26	3	0	0	—	6.7	25.6	84	0	131
	MARIUT	18	5	28	5	0	0	—	5	29	66	0	00	7	28	3	0	0	—	5	26	79	0	150
	ALEXANDRIA	00	9	30	6	0	0	—	5.8	29.0	62	0	00	5	28	3	0	0	—	5.1	26.0	81	0	132
	DAMIETTA	00	8	28	2	1	0	—	4.0	29.8	63	0	00	7	28	2	1	1	8	4.3	26.0	84	0	159
	PORT SAID	00	8	30	2	0	0	—	4.2	31.3	66	0	00	8	28	2	0	0	—	5.1	26.3	82	0	134
	EL ARISH	00	9	28	4	0	0	—	4.3	29.2	58	0	00	9	28	3	0	0	—	3.8	26.7	75	0	135
Lower Egypt	DAMANHUR	00	7	28	4	0	0	—	5.5	31.0	54	0	00	7	32	3	0	0	—	4.2	25.5	74	0	136
	MANSURA	01	8	28	2	1	4	6	4.7	34.0	45	0	00	6	28	2	1	0	—	4.7	26.8	69	0	137
	TANTA	00	8	32	2	0	0	—	4.0	33.4	48	0	00	8	00	0	0	0	—	5.6	25.8	75	0	138
	ZAGAZIG	00	6	32	2	0	0	—	4.4	35.2	52	0	00	6	24	2	0	0	—	4.8	28.6	75	0	139
	SHEBIN EL KOM	00	8	02	3	0	0	—	4.2	35.2	40	0	00	7	30	2	0	0	—	5.6	26.8	66	0	—
Middle Egypt (Cairo)	ALMAZA	00	8	26	1	0	0	—	3.7	34.6	36	0	00	7	30	3	0	0	—	4.1	31.0	53	0	141
	EZBEKIYA	00	8	29	1	0	0	—	4.0	35.3	32	0	00	7	28	3	0	0	—	5.4	29.8	54	0	—
	GIZA	00	8	28	1	0	0	—	4.2	35.9	33	0	00	7	28	2	0	0	—	5.1	29.3	50	0	—
	HELWAN	00	7	28	5	0	0	—	3.4	34.7	26	0	00	7	30	4	0	0	—	4.2	31.2	41	0	143
	SUEZ	00	9	02	1	0	0	—	3.9	34.8	32	0	00	9	30	1	0	0	—	4.3	31.9	59	0	144
Upper Egypt	FAIYUM	00	8	32	2	0	0	—	4.8	35.6	25	0	00	8	32	3	0	0	—	3.8	32.0	37	0	153
	MINYA	00	9	32	3	0	0	—	4.8	35.9	22	0	00	8	32	1	0	0	—	4.4	32.7	29	0	154
	ASYUT	00	8	22	1	0	0	—	[illegible]	34.0	27	0	00	6	28	1	0	0	—	4.6	29.9	36	0	155
	NAG HAMADI	00	8	24	2	0	0	—	3.0	34.2	30	0	00	8	32	1	0	0	—	2.8	28.8	37	0	164
	QENA	00	8	24	3	0	0	—	2.[illegible]	39.8	12	0	00	6	24	2	0	0	—	2.8	33.1	25	0	156
	LUXOR	00	9	28	2	0	0	—	1.9	39.0	19	0	00	8	26	2	0	0	—	2.3	33.8	26	0	157
	ASWAN	00	9	32	4	0	0	—	2.0	38.8	16	0	00	9	32	1	0	0	—	2.8	35.0	15	0	158
Western Desert	SIWA	00	8	28	4	0	0	—	9.2	34.0	36	0	00		00	0	0	0	—	7.1	30.4	36	0	148
	BAHARIYA	00	9	32	1	0	0	—	6.3	35.0	15	0	00	7	32	1	0	0	—	5.4	31.0	22	0	149
	KHARGA	00	9	30	2	0	0	—	—	36.6	19	0	00	9	32	1	0	0	—	—	33.4	19	0	151
	DAKHLA	00	9	28	2	0	0	—	5.1	36.8	14	0	00	8	28	1	0	0	—		34.9	16	0	152
Red Sea	TOR	00	7	28	5	0	0	—	2.2	29.8	59	0	00	7	28	4	0	0	—	1.1	33.1	58	0	145
	HURGHADA	00	8	32	5	0	0	—	1.5	32.9	32	0	00	8	28	3	0	0	—	0.8	29.4	43	0	146
	QUSEIR	00	8	32	2	0	0	—	1.2	31.0	53	0	00	8	28	1	0	0	—	1.2	31.3	48	0	147
	PORT SUDAN	05	6	10	3	1	4	2	98	38	37													208
North Sudan	WADI HALFA	01	8	30	2	1	4	1	4	42	13													165
	KAREIMA	02	8	28	2	1	5	4,1	2	41	15													166
	ATBARA	02	7	28	2	1	7	4,2	99	42	14													167
	KHARTUM	00	6	26	2	2	1	1	1	40	20													209
	KASSALA	02	8	20	3	1	7	6	3	34	41													170
Central Sudan	WAD MEDANI	01	8	20	5	1	3	1	2	39	26													171
	RENK	01	9	20	2	1	5	1	7	30	66													182
	ROSEIRES	00	8	18	1	1	2	1	6	37	42													172
	EL OBEID	02	8	20	5	1	5	4,4	3	34	47													174
	EL FASHER	01	6	10	3	1	4	8,2	—	35	18													175
	GENEINA	02	8	10	2	1	7	8,4,2	—	36	18													179
	KADUGLI	02	8	12	1	2	6	4	7	27	70													187
South Sudan	MALAKAL	01	8	28	2	1	4	8	10	31	55													176
	WAU	01	8	28	2	1	4	8,4	9	28	66													177
	JUBA	01	8	12	2	1	3	8	8	31	55													[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 8th

Matruh	Mariut	Port Said	Almaza	Minya	Luxor	Hurghada	Wadi Halfa	Kareima 12h 30m	Khartum	Kassala 14h 45m	El Obeid 13h	Malakal	Juba
								03 31 10		06 22 25	06 21 30		
								06 35 15		09 22 30	09 22 50		
								09 24 25		15 23 35	15 23 40		
								15 23 20		21 27 35	21 03 30		
								21 31 10		36 22 25	30 04 20		
								30 04 10		39 22 30			
								39 13 02		45 23 35			
										51 25 35			
										60 32 10			

At 8h on Wednesday 9th (الساعة ٨ يوم الأربعاء ٩)

	Station	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs ppp	Diff. from normal mbs	Temp. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	% Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Mediterranean	SALUM																		99
	MATRUH	00	9	26	3	0	0	—	5.6	-4.9	25.6	28	0	20	-1	74	0	55	161
	MARIUT	01	7	26	3	0	3	6	4		28	29	—	24	—	70	0	139	138
	ALEXANDRIA	02	9	28	5	1	5	8	5.2	-4.8	25.9	30	+1	24	+2	83	0	106	186
	DAMIETTA	00	8	18	3	0	0	—	5.1	-4.0	28.9	31	—	23	—	68	0	32	106
	PORT SAID	00	7	20	2	0	0	—	4.3	-4.3	26.7	32	+1	25	+2	75	0	27	81
	EL ARISH	01	9	24	1	1	4	8	3.6	-5.4	29.3	32	+2	22	+2	66	0	47	94
Lower Egypt	DAMANHUR	00	7	28	3	0	0	—	4.8	-4.6	27.0	31	-2	20	0	78	0	84	101
	MANSURA	00	8	28	2	0	0	—	4.2	-5.1	27.2	35	0	21	+1	73	0	15	55
	TANTA	00	8	28	1	0	1	8	5.0	-4.6	27.6	34	-1	18	-1	76	0	8	44
	ZAGAZIG	00	6	18	2	0	0	—	4.8	-5.0	27.8	35	0	21	+2	81	0	24	27
	SHEBIN EL KOM	01	8	28	2	2	4	8	7.4	-2.6	25.4	36	—	21	—	82	0	9	—
Middle Egypt (Cairo)	ALMAZA	00	7	22	1	0	0	—	4.8	-4.9	26.2	36	—	22	—	70	0	14	—
	EZBEKIYA	05	6	26	1	0	0	—	5.5	-4.2	27.9	37	+1	22	+1	56	0	13	26
	GIZA	00	7	24	1	0	0	—	5.5	-4.3	28.6	36	+1	21	+2	52	0	20	27
	HELWAN	00	7	00	0	0	0	—	5.6	-4.0	25.2	36	+1	21	0	67	0	5	29
	SUEZ	00	9	30	1	0	0	—	5.4	-3.3	29.4	39	+3	23	+1	47	0	4	17
Upper Egypt	FAIYUM	00	8	00	0	0	0	—	5.5	-3.9	29.0	37	0	22	+1	51	0	8	8
	MINYA	00	9	24	2	0	0	—	5.2	-3.6	27.8	37	0	21	0	57	0	dr	—
	ASYUT	00	7	22	2	0	0	—	5.8	-2.8	28.0	36	-1	22	0	57	0	0	4
	NAG HAMADI	00	8	00	0	0	0	—	4.8	-2.7	28.7	35	—	21	—	55	0	0	—
	QENA	00	7	22	2	0	0	—	3.5	-3.4	30.0	41	0	24	0	43	0	dr	—
	LUXOR	00	9	28	1	0	0	—	3.9	-3.3	36.0	40	[illegible]	27	[illegible]	32	0	dr	—
	ASWAN	00	9	28	3	0	0	—	4.7	-2.6	31.3	41	0	25	-1	31	0	dr	—
Western Desert	SIWA	00	7	28	4	0	0	—	4.2	-4.0	25.0	36	-2	22	+1	77	0	2	8
	BAHARIYA	00	8	16	1	0	0	—	6.2	-4.1	27.0	36	-1	20	0	40	0	dr	7
	KHARGA	00	9	00	0	0	0	—	—	—	25.1	38	-2	21	-2	37	0	dr	—
	DAKHLA	00	8	28	1	0	0	—	6.7	-2.5	29.2	37	-2	22	-1	25	0	dr	—
Red Sea	TOR	00	7	28	3	0	0	—	2.0	-4.2	27.8	34	0	23	-1	71	0	2	13
	HURGHADA	00	8	30	4	0	0	—	1.9	-5.0	30.5	34	-1	24	0	50	0	dr	3
	QUSEIR	00	8	04	1	0	0	—	2.4	-4.2	29.5	33	-1	25	-1	59	0	dr	4
	PORT SUDAN	01	8	02	1	1	4	4	2		36					24	0	149	98
North Sudan	WADI HALFA																0	tr	—
	KAREIMA	02	8	32	4	1	5	4,2	5		32					13	0	1	4
	ATBARA	01	7	32	2	1	4	—	6		33					30	0	tr	13
	KHARTUM	32	1	18	6	3	9	—	9		28					58	0	14	30
	KASSALA	01	8	20	3	1	4	4	9		25					70	0	36	76
Central Sudan	WAD MEDANI																0	93	88
	RENK																—	—	202
	ROSEIRES	02	8	22	1	2	7	7,5			26					84	1	293	294
	EL OBEID	02	8	18	4	1	7	2	8		28					55	0	158	95
	EL FASHER	02	8	24	3	1	5	4	—	—	31					46	0	45	52
	GENEINA																—	—	115
	KADUGLI	02	8	12	1	2	6	4	11		24					84	—	—	350
South Sudan	MALAKAL	02	8	00	0	1	7	4,5,1	11		24					89	0	388	373
	WAU	01	8	20	1	1	4	4	11		24					89	0	692	589
	JUBA	02	8	12	1	8	7	4,5	13		24					89	tr	728	641

Upper Winds are in the Code HHDDVV where HH is Height 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	Mariut	Port Said	Helwan 8h 25m	Minya	Asyut 7h	Luxor	Aswan 7h	Wadi Halfa	Abu Hamad 7h	Kareima 7h	Khartum
			02 28 05		02 29 15		02 34 25		06 33 25	03 33 15	
			05 31 20		05 33 25		05 34 25		09 32 35	06 34 30	
			08 32 20		10 35 50		10 33 40		15 28 30	09 33 30	
			10 31 20						21 26 20	15 28 30	
			15 29 25							21 27 25	
			20 28 20							30 30 05	
			23 28 25							39 15 20	
			24 29 25							45 14 20	

Kassala 7h 15m	Port Sudan 6h 45m	El Obeid 7h 30m	El Fasher	Geneina	Malakal 7h
06 19 30	03 01 15	06 24 35			06 21 20
09 20 40	06 01 10	09 24 45			09 21 30
15 25 40	09 00 00	15 18 30			15 23 30
21 26 55	15 17 10	21 03 30			21 24 20
30 26 30	21 31 15	30 05 30			30 23 05
39 05 35	30 33 20				39 01 20
45 07 35	39 33 20				45 02 30
					30 01 15

Upper Air Temp. — Almaza

Height feet	ppp mbs	TT	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Cyprus Synoptic 8h on 9th

34700 00990 18200 00301 90000 00XX0.
34800 00990 28100 00301 00803 00220.

Remarks

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

Mean of day

Station	Humidity % 8th	Diff. from normal	Wet bulb temp °C 8th	Diff. from normal
Alexandria	74	0	23.4	+0.8
Ezbekiya	58	0	23.0	+0.8
Giza	56	-2	22.9	+1.6
Helwan	55	+9	21.5	+1.7

GIZA — Grass minimum temp. on 9th 17.6 °C

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

Discharges at Aswan measured by sluices m³ per sec

Date	1947	1946
9-7	1852	1910
8-7	1852	1910

River Nile Gauges

Gauge	Date 1947	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	7			13.33	-0.21
Nasser				9.00	-0.14
Malakal		11.34	+0.08	11.34	+0.09
J. Aulia Res				371.69	—
J. Aulia D.S				371.62	-0.29
Roseires		14.48	-0.57	15.02	+0.07
Sennar Res				7.12	—
Khartum				11.34	-0.60
Kh. el Girba				11.99	-0.30
Atbara		10.90	-0.29	10.88	-0.[illegible]4
Kajnarti				132.76	-0.63
Aswan Res.	9	109.26	—	109.67	—
Aswan D.S		86.62	-0.15	86.62	-0.12
Roda (Cairo)		16.58	+0.95	16.60	+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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	26
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

Past Weather (W)

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

Visibility (V)

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

Cloud Amount (N)

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

Cloud Form (C)

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

Wind Force (F)

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

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

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

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 01 h. m. 18 59

Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h on Wednesday 9th — ٩/٧ الساعة ١٤ يوم الأربعاء ٩ / At 20h on 9th

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 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	Temp °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALUM																							130
MATRUH	00	9	28	4	0	0	—	5.5	27.1	84	0	00	8	28	4	0	3	8	4.2	25.7	87	0	131
MARIUT	00	7	26	4	0	0	—	4	30	59	0	00	7	27	3	0	0	—	4	26	79	0	130
ALEXANDRIA	00	9	28	6	5	0	—	4.8	28.2	69	0	00	5	28	3	0	0	—	5.0	26.0	84	0	132
DAMIETTA	00	7	30	4	0	0	—	3.4	31.5	46	0	00	7	26	4	0	0	—	4.4	27.5	70	0	159
PORT SAID	00	8	30	3	0	0	—	3.6	32.2	51	0	00	8	28	1	0	0	—	4.2	28.6	63	0	134
EL ARISH	00	9	30	3	0	0	—	3.4	31.7	51	0												135
LOWER EGYPT																							
DAMANHUR	00	7	28	3	0	0	—	4.0	33.0	38	0	00	7	24	2	0	0	—	4.3	26.5	77	0	136
MANSURA	00	8	30	2	0	0	—	3.9	34.0	34	0	00	6	24	2	0	0	—	3.8	28.0	54	0	137
TANTA	00	8	32	1	0	0	—	4.0	35.2	30	0	00	8	00	0	0	0	—	4.2	26.3	67	0	138
ZAGAZIG	00	6	32	2	0	0	—	3.9	35.4	42	0	00	6	32	2	0	0	—	3.4	29.6	62	0	139
SHEBIN EL KOM	00	8	28	3	0	0	—	4.6	37.0	26	0	00	7	30	2	0	0	—	4.7	28.6	46	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	00	8	26	2	0	0	—	3.6	35.0	24	0	00	7	30	2	0	0	—	3.5	31.8	36	0	141
CAIRO EZBEKIYA	00	8	26	1	0	0	—	3.9	36.5	23	0	00	7	28	2	0	0	—	4.4	31.2	33	0	—
CAIRO GIZA	00	8	26	2	0	0	—	3.8	36.7	30	0	00	7	28	2	0	0	—	4.3	30.2	46	0	—
HELWAN	00	9	26	4	0	0	—	3.2	35.6	12	0	00	7	30	3	0	0	—	3.5	31.8	24	0	143
SUEZ												00	9	30	1	0	0	—	4.2	31.8	—	0	144
UPPER EGYPT																							
FAIYUM	00	8	30	1	0	0	—	3.6	36.5	21	0	00	8	32	1	0	0	—	3.4	29.2	38	0	153
MINYA	00	9	02	2	0	0	—	4.0	36.4	20	0	00	8	32	2	0	0	—	4.0	30.3	33	0	154
ASYUT	00	8	20	2	0	0	—	4.7	35.8	17	0	00	6	22	1	0	0	—	4.7	30.3	30	0	155
NAG HAMADI	00	8	24	1	0	0	—	3.2	35.8	24	0	00	8	00	0	0	0	—	3.6	27.3	54	0	164
QENA	00	8	24	2	0	0	—	2.8	39.6	18	0	00	6	24	2	0	0	—	2.2	32.8	27	0	156
LUXOR	00	9	26	3	0	0	—	2.6	39.0	17	0	00	8	30	2	0	0	—	2.7	34.1	25	0	157
ASWAN	00	9	28	2	0	0	—	2.0	39.8	15	0	00	9	32	3	0	0	—	3.1	36.0	18	0	158
WESTERN DESERT																							
SIWA	00	8	28	2	0	0	—	7.5	35.3	36	0	00		00	0	0	0	—	6.6	32.5	64	0	148
BAHARIYA	00	9	28	1	0	0	—	4.7	36.3	12	0	00	7	00	0	0	0	—	4.8	29.0	26	0	149
KHARGA	00	9	28	1	0	0	—	—	38.3	15	0	00	9	28	1	0	0	—	—	34.3	19	0	151
DAKHLA	00	9	28	1	0	0	—	4.8	36.0	12	0	00	8	28	1	0	0	—	3.9	34.3	17	0	152
RED SEA																							
TOR	00	7	28	5	0	0	—	2.3	31.1	70	0	00	7	28	3	0	0	—	1.9	31.5	70	0	145
HURGHADA	00	8	32	5	0	0	—	2.4	34.1	35	0	00	8	28	3	0	0	—	1.5	29.7	43	0	146
QUSEIR	00	8	02	1	0	0	—	2.0	32.3	58	0	00	8	08	1	0	0	—	1.4	28.6	79	0	147
PORT SUDAN	05	6	06	3	1	3	1	1	37	33													208
NORTH SUDAN																							
WADI HALFA	05	6	30	2	0	0	—	5	38	17													165
KAREIMA	05	6	26	2	1	4	4,1	5	38	17													166
ATBARA	05	6	20	3	1	5	4,2	3	38	22													167
KHARTUM	05	6	22	4	3	4	4	5	37	25													209
KASSALA	01	8	20	3	1	3	4	4	36	35													170
CENTRAL SUDAN																							
WAD MEDANI	01	8	18	5	1	5	3	5	35	35													171
RENK	01	9	20	2	2	5	1	10	26	84													182
ROSEIRES	02	8	20	1	1	5	8	9	30	59													172
EL OBEID	02	9	18	3	1	8	8,4	4	37	29													174
EL FASHER	01	8	30	3	1	5	8,4	—	39	14								—					175
GENEINA	01	8	22	2	1	3	8,4	—	32	50								—					179
KADUGLI	01	8	20	1	1	4	5	8	32	50													187
SOUTH SUDAN																							
MALAKAL	10	8	12	4	1	8	6,4	12	26	89													176
WAU	02	8	16	2	0	5	8,2	9	30	59													177
JUBA	03	8	02	1	1	8	6,5	9	32	55													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 9th

MATRUH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA 13h m.	KAREIMA 12h 30m.	KHARTUM	KASSALA	EL OBEID 13h 15m	MALAKAL	JUBA
							09 33 20	09 30 15			09 19 20		
							15 31 25	15 31 20			15 20 35		
							21 30 45	21 29 25			21 19 30		
							24 30 50	30 24 30			24 04 20		
							30 28 45	33 27 05			30 18 15		
							39 28 30	39 27 05			33 36 05		
								45 31 05			39 34 15		
								51 09 15					
								54 09 15					

Remarks

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

Station	Mean of day: Humidity % on 9th	Diff from normal	Wet Bulb Temp °C on 9th	Diff from normal
Alexandria	82	+8	23.9	+1.2
Ezbekiya	41	-14	21.4	-0.9
Giza	45	-13	22.5	+1.2
Helwân	43	-3	19.4	-0.5

GÎZA — GRASS MINIMUM TEMP. ON 10th 17.7 °C

CAIRO — WATER TEMP RIVER NILE AT 9h ON 10th 27.2 °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal m.
Jûba	7			13.38	-0.16
Nâsser				9.03	+0.14
Malakâl		11.35	+0.07	11.34	+0.08
J. Aulia Res				371.77	—
J. Aulia D S				371.65	-0.32
Roseires		10.06	-0.09	14.48	-0.57
Sennar Res.				7.28	—
Khartûm				11.52	-0.50
Kh. el Girba				11.78	-0.56
Atbara		10.90	-0.36	10.90	-0.29
Kajnarti				132.74	-0.76
Aswân Res.				109.26	—
Aswân D.S				86.62	-0.15
Roda (Cairo)	10	16.56	+0.92	16.58	+0.95

Discharges at Aswân measured by sluices m³ per sec.	Date	1947	1946
	10-7	1852	1910
	9-7	1852	1910

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

At 8h on Thursday 10th — الساعة ٨ يوم الخميس ١٠

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	Diff from normal mbs	Temp 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																		
SALUM												—		—				99
MATRUH	00	9	26	5	0	0	—	6.0	-4.4	26.1	28	0	21	0	83	0	55	161
MARIUT	00	7	25	3	0	2	6	5		27	31	—	25	—	79	0	139	138
ALEXANDRIA	01	9	28	4	1	4	4	5.2	-4.8	26.0	30	+1	24	+2	81	0	106	186
DAMIETTA	00	8	16	3	1	1	8	4.0	-5.1	27.7	32	—	21	—	76	0	32	106
PORT SAID	01	7	18	4	1	4	4	4.3	-4.2	26.5	33	+2	25	+2	79	0	27	81
EL ARISH																0	47	94
LOWER EGYPT																		
DAMANHUR	00	7	24	4	0	0	—	5.1	-4.2	28.0	34	+1	21	+1	70	0	84	101
MANSURA	01	8	24	1	1	4	6	5.0	-4.3	25.6	35	0	22	+2	81	0	15	55
TANTA	01	8	20	1	1	4	8	5.5	-4.0	25.8	35	0	19	0	48	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	5.1	-4.6	28.4	36	+1	21	+2	43	0	24	27
SHEBIN EL KOM	01	8				3	8	5.6	-4.3	27.4	38	—	23	—	69	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	22	1	1	3	6	5.2	-4.5	26.3	38	—	23	—	73	0	14	—
CAIRO EZBEKIYA	05	5	20	1	0	0	—	5.8	-3.9	27.2	37	+1	22	+1	63	0	13	26
CAIRO GIZA	00	7	26	1	0	0	—	5.8	-3.9	28.9	38	+3	20	+1	64	0	20	27
HELWAN	05	6	00	0	0	0	—	6.0	-3.5	24.4	36	+1	21	0	72	0	5	29
SUEZ	00	9	00	0	0	0	—	6.0	-2.6	29.7	39	+3	22	0	46	0	4	17
UPPER EGYPT																		
FAIYUM	00	8	00	0	0	0	—	5.6	-3.7	27.5	38	+1	21	0	59	0	8	8
MINYA	00	9	32	1	0	0	—	6.0	-2.8	28.8	38	+1	21	0	42	0	dr	—
ASYUT	00	7	22	1	0	0	—	6.3	-2.2	29.1	37	0	22	0	33	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	6.2	-1.3	27.8	37	—	19	—	49	0	0	—
QENA	00	7	24	2	0	0	—	5.2	-1.7	29.9	41	0	23	-1	27	0	dr	—
LUXOR	00	9	16	1	0	0	—	5.0	-2.1	33.5	40	-1	21	-2	25	0	dr	—
ASWAN	00	9	00	0	0	0	—	5.6	-1.7	30.7	41	0	26	0	26	0	dr	—
WESTERN DESERT																		
SIWA	00	7	28	2	0	0	—	8.6	-3.5	27.0	38	0	23	+2	69	0	2	8
BAHARIYA	00	8	22	1	0	0	—	5.9	-4.3	28.0	37	0	21	+1	39	0	dr	7
KHARGA	00	9	00	0	0	0	—	—	—	27.5	40	0	21	-2	43	0	dr	—
DAKHLA	00	8	28	1	0	0	—	7.2	-2.0	29.8	38	-1	21	-2	24	0	dr	—
RED SEA																		
TOR	00	7	28	2	0	0	—	3.8	-2.3	29.1	32	-2	24	0	71	0	2	13
HURGHADA	00	8	28	3	0	0	—	3.5	-3.4	33.1	37	+2	24	0	30	0	dr	3
QUSEIR	00	8	32	1	0	0	—	4.0	-2.5	33.0	34	0	25	-1	41	0	dr	4
PORT SUDAN	01	7	00	0	1	4	4	3		34					36	0	149	98
NORTH SUDAN																		
WADI HALFA	00	8	04	1	0	0	—	7		29					20	0	Tr	—
KAREIMA	02	8	04	2	1	5	4	6		33					19	0	1	4
ATBARA	02	7	02	3	1	5	4	6		31					41	0	Tr	14
KHARTUM	00	8	16	4	0	1	4	8		29					59	0	14	32
KASSALA	02	8	20	3	1	5	4,5	10		27					66	0	36	78
CENTRAL SUDAN																		
WAD MEDANI																0	93	92
RENK	01	9	20	3	0	4	1	13		24		—		—	74	—	—	206
ROSEIRES																0	293	301
EL OBEID	02	9	16	5	1	6	9,4	9		27	—				70	0	158	98
EL FASHER	02	8	28	2	1	5	4,5	—	—	25	—				65	0	45	55
GENEINA								—	—			—		—		—	—	120
KADUGLI	02	8	12	1	2	6	4	13		26		—		—	62	—	—	355
SOUTH SUDAN																		
MALAKAL	02	8	14	2	1	7	4,5	13		22					94	0	388	378
WAU	02	8	00	0	1	7	4,5	12		23					89	0	692	595
JUBA	02	8	08	1	1	7	4,5	13		22					83	0	728	645

Upper Winds are in the Code HHDDVV where HH is Height 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 — ١٠ الخميس

MATRUH	MARIUT	PORT SAID 12h 45m	HELWAN 9h 45m	MINYA	ASYUT 7h	LUXOR	ASWAN 7h	WADI HALFA 7h	ABU HAMAD 7h	KAREIMA	KHARTUM 7h
		03 29 20	02 26 10		02 31 05		02 35 10	03 36 20	06 32 30		06 20 35
		06 27 20	05 27 10		05 25 15		05 35 35	06 36 45	09 32 30		09 23 50
		09 27 35	08 28 20		10 32 20		10 24 20	09 36 40	15 29 25		15 29 30
		12 26 35	10 28 30		15 31 20		15 29 25	15 30 20	21 24 40		21 24 15
		15 27 25	15 27 10				20 24 30	21 30 25	30 27 45		30 36 10
		18 30 20	20 03 15				30 27 45	33 25 55	39 25 10		33 04 15
		21 31 25	23 35 20				35 25 45		45 25 10		39 08 10
		24 30 25	25 32 30				40 24 55				45 08 15
		27 29 20									51 10 30

KASSALA 6h 45m	PORT SUDAN 7h	EL OBEID 7h 15m	EL FASHER 7h	GENEINA	MALAKAL 7h 45m
06 19 30	06 25 30	06 21 30	09 27 20		06 16 30
09 19 35	09 19 30	09 22 35	15 30 20		09 20 30
15 23 30	15 31 20	15 25 50	21 01 20		15 24 35
21 28 30	21 30 35	21 31 50	30 03 20		21 21 30
30 35 30	30 33 30		39 07 15		27 29 20
39 03 20	39 01 20		45 09 25		
			51 10 40		

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

Height feet	PPP mb.	TT °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 10th

34700 00990 00000 00271 90300 00210.
34810 00961 26201 00291 30101 00220

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

ANNUAL SUBSCRIPTION P.T. 150

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

Month JULY 1947

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

شهر يوليه ١٩٤٧

At 14h on Thursday 10th — الساعة ١٤ يوم الخميس ١٠ — V/١٠ ; At 20h on 10th

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.	Temp. °C	% Humidity	Rain 14-20h mms	Station No.
MEDITERRANEAN																							
Salûm																							130
Matrûh	00	9	26	4	0	0	—	5.6	27.8	71	0	00	8	26	4	0	0	—	5.5	26.1	—	0	131
Mariut	00	7	26	4	0	0	—	4	30	59	0	00	7	26	3	0	1	6	4	26	94	0	150
Alexandria	00	9	28	6	0	0	—	5.0	28.2	74	0	00	5	28	4	0	0	—	4.6	26.0	89	0	132
Damietta	00	8	28	4	0	0	—	3.4	30.2	54	0	00	7	28	3	0	0	—	3.6	27.0	77	0	159
Port Saîd	14	7	26	5	3	0	—	3.4	32.0	58	0	00	8	26	3	0	0	—	3.9	27.7	59	4	134
El Arîsh	00	5	28	4	4	0	—	3.5	30.7	62	0	00	9	28	1	0	0	—	2.6	26.7	87	0	135
LOWER EGYPT																							
Damanhûr	00	7	24	4	0	0	—	4.4	33.0	27	0	00	7	32	4	0	0	—	4.6	26.5	67	0	136
Mansûra	00	8	04	1	1	0	—	4.2	33.6	37	0	00	6	04	1	0	0	—	4.2	28.0	54	0	137
Tanta												00	8	00	0	0	0	—	4.3	26.0	59	0	138
Zagazig	00	6	32	2	0	0	—	3.8	34.8	46	0	00	6	32	2	0	0	—	3.1	27.8	59	0	139
Shebîn el Kôm	00	8	30	3	0	0	—	4.4	37.1	30	0	00	7	30	2	0	0	—	4.6	28.3	51	0	—
MIDDLE EGYPT																							
Cairo Almaza	04	8	26	2	0	0	—	3.0	35.1	30	0	00	7	28	2	0	0	—	3.1	32.1	44	0	141
Cairo Ezbekîya	00	8	26	1	0	0	—	3.9	35.2	27	0	00	7	28	2	0	0	—	4.2	30.7	39	0	—
Cairo Gîza	00	8	22	1	0	0	—	4.2	36.7	28	0	00	7	24	1	0	0	—	4.0	29.2	50	0	—
Helwân	00	8	26	1	0	0	—	3.6	34.5	17	0	00	7	30	3	0	0	—	3.6	32.2	24	0	143
Suez	00	9	30	1	0	0	—	3.5	34.4	33	0	00	9	30	1	0	0	—	4.2	31.8	36	0	144
UPPER EGYPT																							
Faiyûm	00	8	00	0	0	0	—	3.9	35.5	26	0	00	8	00	0	0	0	—	3.2	31.7	40	0	153
Minya	00	9	28	3	0	0	—	4.2	38.6	16	0	00	8	02	1	0	0	—	4.7	32.6	26	0	154
Asyût												00	6	26	1	6	0	—	4.7	30.6	28	0	155
Nag Hamâdi	00	8	24	2	0	0	—	3.6	36.7	21	0	00	8	00	0	0	0	—	3.6	30.3	29	0	164
Qena	00	8	24	2	0	0	—	2.3	40.7	13	0	00	6	24	2	0	0	—	2.4	32.1	25	0	156
Luxor	00	9	24	2	0	0	—	3.6	39.2	14	0	00	8	20	2	0	0	—	3.6	34.5	21	0	157
Aswân	00	9	28	2	0	0	—	3.1	39.0	17	0												158
WESTERN DESERT																							
Sîwa	00	8	28	5	0	0	—	7.5	39.3	45	0	00	—	00	0	0	0	—	7.0	32.4	52	0	148
Baharîya	00	9	28	1	0	0	—	5.0	36.0	17	0	00	7	00	0	0	0	—	5.2	31.7	32	0	149
Khârga	00	9	32	1	0	0	—	—	39.2	21	0	00	9	30	1	0	0	—	—	35.6	23	0	151
Dâkhla	00	9	28	1	0	0	—	5.0	37.8	15	0	00	8	00	0	0	0	—	3.6	34.3	17	0	152
RED SEA																							
Tôr	00	7	28	3	0	0	—	3.1	35.8	55	0	00	7	28	3	0	0	—	2.4	31.2	67	0	145
Hurghâda	00	8	02	4	0	0	—	1.9	33.9	34	0	00	8	28	1	0	0	—	2.2	32.2	25	0	146
Quseir	00	8	04	1	0	0	—	2.7	30.3	70	0	00	8	12	1	0	0	—	2.8	30.2	53	0	147
Port Sûdân	01	7	06	4	1	3	4	1	35	62													208
NORTH SÛDÂN																							
Wâdi Halfa																							165
Kareima	01	8	30	3	1	4	2	4	42	06													166
Atbara	01	7	22	2	0	3	4	2	41	19													167
Khartûm	01	7	22	4	1	3	8	4	39	21													209
Kassala	02	8	28	3	1	5	8,4,2	5	36	35													170
CENTRAL SÛDÂN																							
Wad Medani																							171
Renk																							182
Roseires																							172
El Obeid	02	9	00	0	1	6	8,4	4	37	33													174
El Fâsher	01	8	16	3	1	4	8,4	—	36	25										—			175
Geneina	02	8	24	2	1	5	8,4	—	31	43										—			179
Kadugli																							187
S. SÛDÂN																							
Malakâl																							176
Wâu																							177
Juba																							173

At 8h on Friday 11th — 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.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from normal °C	Minimum Today °C mm	Diff. from normal °C	Humidity UU	Rainfall mms	Rainfall mms	Rainfall mms
MEDITERRANEAN																		
Salûm												—		—				99
Matrûh	01	8	26	5	1	4	8	4.6	-5.7	25.7	28	0	22	+1	86	0	55	161
Mariut	01	7	26	3	2	5	6	5		27	32	—	24	—	74	0	139	138
Alexandria	02	9	26	4	1	4	8	4.2	-5.7	26.6	30	+1	25	+3	75	0	106	186
Damietta	01	7	18	3	1	4	6	3.9	-5.1	27.3	33	—	21	—	78	0	32	106
Port Saîd	01	7	22	3	1	4	2	4.0	-4.4	26.4	34	+3	24	+1	77	0	27	81
El Arîsh	00	9	00	0	0	0	—	4.0	-4.9	30.6	32	+2	22	+2	49	0	47	94
LOWER EGYPT																		
Damanhûr	01	6	24	3	0	3	8	4.3	-4.9	28.2	34	+1	23	+3	69	0	84	101
Mansûra	01	8	24	2	1	4	8	4.2	-5.0	28.2	35	0	22	+2	69	6	15	55
Tanta	01	8	24	2	1	4	8	4.4	-5.1	28.0	35	0	21	+2	71	0	8	44
Zagazig	00	6	32	2	2	5	8	4.7	-5.0	25.4	36	+1	22	+3	82	0	24	27
Shebîn el Kôm	01	8	28	2	2	4	8	5.0	-4.8	26.7	38	—	22	—	72	0	9	—
MIDDLE EGYPT																		
Cairo Almaza	05	6	22	2	2	5	6	4.7	-4.9	27.0	38	—	23	—	77	0	14	—
Cairo Ezbekîya	05	6	20	1	1	5	8	5.2	-4.4	26.3	37	+1	24	+3	74	0	13	26
Cairo Gîza	00	7	28	1	0	0	—	5.9	-3.7	24.9	37	+2	20	+1	72	0	20	27
Helwân	01	7	26	1	1	4	8	5.6	-3.8	24.8	37	+2	22	+1	72	0	5	29
Suez																	4	17
UPPER EGYPT																		
Faiyûm	00	8	30	2	0	0	—	5.5	-3.8	28.0	37	0	22	+1	47	0	8	8
Minya	00	9	24	1	0	0	—	5.5	-3.2	30.3	39	+2	21	0	38	0	dr	—
Asyût	00	7	00	0	0	0	—	6.4	-2.1	28.4	37	0	22	0	43	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	5.6	-1.8	29.8	38	—	24		43	0	0	
Qena	00	7	24	2	0	0	—	4.7	-2.1	29.7	41	0	23	-1	31	0	dr	
Luxor	00	9	10	2	0	0	—	4.6	-2.4	33.0	41	0	21	-2	25	0	dr	—
Aswân	00	9	00	0	0	0	—	5.6	-1.6	31.4	40	-1	27	+1	21	0	dr	—
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	—	7.4	-4.7	27.0	40	+2	21	0	77	0	2	8
Baharîya	00	8	00	0	0	0	—	5.6	-4.5	28.5	37	0	20	0	39	0	dr	7
Khârga	00	9	04	1	0	0	—	—	—	28.1	40	0	23	0	—	0	dr	—
Dâkhla	00	8	28	1	0	0	—	6.8	-2.3	31.1	40	+1	21	-2	22	0	dr	—
RED SEA																		
Tôr	00	7	28	3	0	0	—	3.5	-2.5	27.5	37	+3	23	-1	50	0	2	13
Hurghâda	00	8	02	3	0	0	—	4.0	-2.8	30.7	36	+1	25	+1	50	0	dr	3
Quseir	00	8	24	1	0	0	—	3.8	-2.6	33.3	34	0	25	-1	43	0	dr	4
Port Sûdân	01	8	06	1	1	3	4	3		33					50	0	149	98
NORTH SÛDÂN																		
Wâdi Halfa																0	tr	—
Kareima	01	8	04	1	1	4	4	6		32					17	0	1	5
Atbara	01	6	22	2	1	5	4,2	5		33					41	0	tr	15
Khartûm	02	7	15	2	5	6	4,5	8		30					52	0	14	34
Kassala	00	8	22	3	1	2	8	9		28					55	tr	36	81
CENTRAL SÛDÂN																		
Wad Medani	01	8	18	5	1	4	1	8		29					52	0	93	96
Renk												—		—		—	—	210
Roseires																0	293	307
El Obeid	01	9	20	3	0	4	4	9		24					74	8	164	101
El Fâsher	01	8	16	2	1	4	4	—	—	26					62	0	45	57
Geneina								—	—			—		—		—	—	125
Kadugli												—		—		—	—	360
S. SÛDÂN																		
Malakâl																0	388	283
Wâu																2	694	601
Juba																0	728	649

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 Saîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima 13h	Khartûm 14h	Kassala 13h	El Obeid 13h	Malakal	Juba
								03 31 05	06 24 10	06 20 15	06 23 05		
								06 27 05	09 25 10	09 20 20	09 22 10		
								09 31 15	15 25 15	15 24 15	15 23 05		
								15 32 20	21 30 10	21 25 20	21 23 02		
								21 33 35	30 06 05	30 25 25	27 06 10		
								30 35 30	36 06 10				
								39 35 40					

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 Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad 7h	Kareima 7h	Khartûm
									09 35 15	03 03 05	
									15 30 20	06 02 30	
									21 25 40	09 35 20	
									30 22 35	15 31 15	
										21 27 10	
										30 27 10	
										39 26 10	
										45 17 10	

Kassala 7h	Port Sûdân	El Obeid 7h	El Fâsher 6h 30m	Geneina	Malakal 7h
06 19 30		03 27 25	09 14 15		06 18 20
09 20 30		09 25 40	15 32 05		09 17 25
15 22 35		15 02 20	21 09 05		15 21 35
21 28 15		21 33 20	30 05 30		21 22 40
30 02 25		30 05 25			24 23 35
39 05 10					

UPPER AIR TEMP — ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 11th
34853 01851 12213 01272 20101 00220.
34709 01990 10213 01XX2 30004 00220.

Remarks

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

Station	Mean of day Humidity % on 10th	Diff from normal	Wet bulb temp °C on 10th	Diff from normal
Alexandria	83	+8	24.3	+1.6
Ezbekiya	48	-10	21.8	-0.5
Giza	53	-5	23.0	+1.6
Helwân	45	-2	19.7	-0.2

GÎZA — GRASS MINIMUM TEMP ON 11th 17.1 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON 11th °C

Discharges at Aswân measured by sluices m³ per sec. Date	1947	1946
11-7	1852	1910
10-7	1852	1910

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.50	-0.05	14.02	+0.47
Nâsser		9.10	+0.14	9.06	+0.14
Malakâl		11.36	+0.06	11.35	+0.07
J. Aulia Res.				371.81	—
J. Aulia D.S.				371.74	-0.29
Roseires		15.70	+0.44	15.06	-0.09
Sennar Res.		7.59	—	7.63	—
Khartûm		11.60	-0.59	11.60	-0.50
Kh. el Girba				12.10	-0.27
Atbara		10.98	-0.35	10.90	-0.36
Kajnarti		132.77	-0.86	132.74	-0.83
Aswân Res.		108.43	—	108.85	—
Aswân D.S.		86.61	-0.29	86.61	-0.23
Roda (Cairo)				86.56	+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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
[illegible]	20-29
Slight Thunderstorm	25
Heavy Thunderstorm	29
Duststorm	30-34
Fog or thick haze	40-49
[illegible]	41
[illegible]	42
[illegible] patches	49
Drizzle	50-59
Rain	60-69
[illegible]	67
Rain and Snow	68, 69
Snow	70-79
Shower	80-89
[illegible] of Snow	83, 84
[illegible] of Sleet	85, 86
[illegible] Hail	88, 89
Thunderstorm	90-99
[illegible]	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

CAIRO
Time of Sunrise h. m. 05 02
Sunset h. m. 18 59

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

DAILY WEATHER REPORT

Month JULY 1947 — ١٩٤٧ شهر يوليه

At 14h. on Friday 11th (الساعة ١٤ يوم ١١/٧) and At 20h. on 11th (الساعة ٢٠ يوم الجمعة ١١)

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	SALÛM																							130
	MATRÛH	00	7	28	4	0	0	—	4.6	27.6	75	0	01	8	28	4	1	4	8	5.1	25.7	87	0	131
	MARIUT	01	7	26	3	1	5	6	4	29	70	0	00	7	26	2	1	1	6	4	26	89	0	150
	ALEXANDRIA	02	8	30	5	2	5	8	4.0	28.7	65	0	01	5	28	4	2	4	4	4.7	26.0	92	0	132
	DAMIETTA	00	6	28	3	1	0	—	3.0	31.2	68	0	00	5	28	3	0	0	—	3.5	26.0	90	0	159
	PORT SAʿÎD	00	7	26	2	0	0	—	3.1	33.8	51	0	00	8	30	2	0	0	—	3.4	27.0	83	0	134
	EL ʿARÎSH	00	9	28	3	0	0	—	3.4	30.6	69	0	00	9	00	0	0	0	—	2.7	27.8	82	0	135
Lower Egypt	DAMANHÛR	00	7	24	4	1	3	8	2.7	32.0	55	0	00	7	32	3	0	0	—	4.6	26.2	86	0	136
	MANSÛRA	00	8	02	2	1	0	—	3.4	34.4	47	0	00	6	32	2	0	0	—	4.0	27.6	71	0	137
	TANTA	01	8	20	1	1	4	8	2.3	36.0	31	0	01	8	00	0	1	4	8	3.4	27.0	67	0	138
	ZAGAZIG	00	6	32	2	0	0	—	3.5	32.6	44	0	00	6	32	2	0	0	—	3.1	30.4	72	0	139
	SHEBÎN EL KÔM	00	3	22	4	0	0	—	3.0	34.8	31	0	00	7	30	2	0	0	—	3.1	28.9	70	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	22	2	0	0	—	2.3	37.2	39	0	00	7	30	2	0	0	—	3.2	32.0	48	0	141
	CAIRO EZBEKÎYA	00	8	24	2	0	0	—	2.3	36.6	25	0	00	7	26	1	0	0	—	3.8	31.5	53	0	—
	CAIRO GÎZA	00	8	28	1	0	0	—	3.0	38.4	27	0	00	7	30	1	0	0	—	4.6	30.0	58	0	—
	HELWÂN	00	8	18	4	0	0	—	2.7	36.4	19	0	00	7	30	4	0	0	—	3.4	32.0	43	0	143
	SUEZ	00	9	30	1	0	0	—	—	35.8	31	0	00	9	00	0	0	0	—		30.4	59	0	144
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	3.2	37.7	20	0	00	8	32	1	0	0	—	3.1	32.0	37	0	153
	MINYA	00	9	32	3	0	0	—	3.8	39.8	19	0	00	8	30	1	0	0	—	3.9	31.0	29	0	154
	ASYÛT												00	6	26	1	0	0	—	3.2	31.5	30	0	155
	NAGʿ HAMÂDI	00	8	24	1	0	0	—	3.8	37.2	23	0	00	8	00	0	0	0	—	3.6				164
	QENA	00	8	24	2	0	0	—	3.6	40.8	13	0	00	6	24	2	0	0	—	2.7	33.2	25	0	156
	LUXOR	00	9	14	2	0	0	—	2.8	39.7	19	0	00	8	06	2	0	0	—	3.0	34.7	27	0	157
	ASWÂN	00	9	30	1	0	0	—	3.1	39.8	18	0	00	9	00	0	0	0	—	4.0	34.8	29	0	158
Western Desert	SÎWA	00	8	28	4	0	0	—	7.4	37.3	47	0												148
	BAHARÎYA	00	9	02	1	0	0	—	5.0	38.0	12	0	00	7	32	1	0	0	—	3.8	32.0	24	0	149
	KHÂRGA	00	9	02	1	0	0	—	—	40.0	18	0	00	9	00	0	0	0	—	—	35.7	32	0	151
	DÂKHLA	00	9	28	2	0	0	—	4.4	39.1	16	0	00	8	00	0	0	0	—	4.2	34.8	17	0	152
Red Sea	TÔR	00	7	28	2	0	0	—	3.1	35.8	53	0	00	7	28	2	0	0	—	2.0			0	145
	HURGHÂDA	00	8	02	3	0	0	—	2.8	34.1	31	0	00	8	12	3	0	0	—	2.3	30.9	32	0	146
	QUSEIR	00	8	02	2	0	0	—	2.3			0	00	8	12	1	0	0	—	3.6	28.4	86	0	147
	PORT SÛDÂN	00	8	06	4	1	1	4	2	36	53													208
North Sûdân	WÂDI HALFA	00	8	28	3	0	2	1	4	42	08													165
	KAREIMA	02	8	00	0	1	8	4,2	5	41	10													166
	ʿATBARA	01	7	16	2	1	4	8,2	3	41	20													167
	KHARTÛM	05	6	24	4	2	3	8,4	4	38	21													209
	KASSALA	01	8	24	3	1	3	8,5	4	37	31													170
Central Sûdân	WAD MEDANI																							171
	RENK																							182
	ROSEIRES																							172
	EL OBEID	02	9	18	4	1	7	4,2	7	31	52													174
	EL FÂSHER	02	8	16	1	1	7	8,4	—	34	30									—				175
	GENEINA								—											—				179
	KADUGLI																							187
S. Sûdân	MALAKÂL																							176
	WÂU																							177
	JUBA																							178

At 8h. on Saturday 12th (الساعة ٨ يوم السبت 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. 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 24 h. mms	Total from Oct 1 mms	Normal from Oct 1 mms
Mediterranean	SALÛM												—		—				99
	MATRÛH	00	9	28	4	0	3	8	7.4	-2.8	25.8	28	0	23	+2	79	0	55	161
	MARIUT	01	7	26	3	0	5	6	6		28	30	—	24	—	79	0	139	138
	ALEXANDRIA	02	9	28	4	2	5	8	6.6	-3.2	26.8	30	+1	25	+3	84	0	106	186
	DAMIETTA	01	7	12	2	1	5	6	6.3	-2.6	26.5	34	—	21	—	84	0	32	106
	PORT SAʿÎD	01	8	18	4	1	4	4	6.0	-2.3	26.9	34	+3	25	+2	77	0	27	81
	EL ʿARÎSH	00	9	00	0	0	0	—	5.8	-3.1	29.8	34	+4	23	+3	72	0	47	94
Lower Egypt	DAMANHÛR	01	7	24	3	0	3	8	6.3	-2.8	28.2	33	0	22	+2	76	0	84	101
	MANSÛRA	01	8	30	1	1	4	0	6.6	-2.5	27.0	36	+1	23	+3	78	0	15	55
	TANTA	01	8	20	1	1	4	8	6.7	-2.8	26.0	36	+1	21	+2	85	0	8	44
	ZAGAZIG	01	6	32	2	1	4	8	6.7	-2.9	27.8	37	+2	23	+4	84	0	24	27
	SHEBÎN EL KÔM	00	8	22	2	2	2	8	7.0	-2.8	27.4	38	—	23	—	72	0	9	—
Middle Egypt	CAIRO ALMÂZA	00	7	00	0	2	0	—	6.7	-2.8	27.8	38	—	—	—	75	0	14	—
	CAIRO EZBEKÎYA	00	6	18	1	0	0	—	6.7	-2.8	27.7	38	+2	24	+3	71	0	13	26
	CAIRO GÎZA	00	7	26	1	0	0	—	7.2	-2.3	28.9	39	+4	22	+3	61	0	20	27
	HELWÂN	05	6	00	0	0	0	—	7.0	-2.3	26.0	38	+3	22	+1	75	0	5	29
	SUEZ	00	9	00	0	0	0	—	7.0	-1.5	30.2	36	0	26	+3	61	0	4	17
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	6.7	-2.5	26.9	39	+2	23	+2	69	0	8	8
	MINYA	00	9	30	1	0	0	—	5.8	-2.9	29.5	41	+4	23	+2	67	0	dr	—
	ASYÛT	00	7	00	0	0	0	—	7.2	-1.2	30.0	38	+1	23	+1	45	0	0	4
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	6.8	-0.6	29.2	38	—	20	—	44	0	0	
	QENA	00	7	24	2	0	0	—			30.0	42	+1	21	-3	30	0	dr	
	LUXOR	00	9	02	1	0	0	—	6.4	-0.6	33.5	42	+1	22	-1	27	0	dr	
	ASWÂN	00	9	00	0	0	0	—	6.3	-0.9	31.6	42	+1	26	0	35	0	dr	
Western Desert	SÎWA	00	7	28	3	0	0	—	9.6	-2.4	25.0	39	+1	23	+2	95	0	2	8
	BAHARÎYA	00	8	32	2	0	0	—	7.0	-3.1	27.0	39	+2	22	+2	63	0	dr	7
	KHÂRGA	00	9	00	0	0	0	—	—	—	28.2	41	+1	23	0	29	0	dr	—
	DÂKHLA	00	8	28	1	0	0	—	7.5	-1.6	29.3	41	+2	24	+1	24	0	dr	—
Red Sea	TÔR	00	7	28	1	0	0	—	5.6	-0.4	29.9	36	+2	23	-1	56	0	2	13
	HURGHÂDA	00	8	02	3	0	0	—	5.4	-1.3	30.1	37	+2	23	-1	59	0	dr	3
	QUSEIR	00	8	08	1	0	0	—	5.2	-1.2	31.3	36	+2	26	0	59	0	dr	4
	PORT SÛDÂN	05	6	08	1	2	0	—	—		34					47	0	149	98
North Sûdân	WÂDI HALFA																0	tr	—
	KAREIMA	00	8	22	3	1	2	4	9		32					—	0	1	5
	ʿATBARA	—	—	20	5	3	9	—	9		30					17	0	tr	15
	KHARTÛM	18	6	15	5	2	3	4,2	11		28					55	0	14	36
	KASSALA	01	8	18	3	1	4	4,2	12		26					70	0	36	83
Central Sûdân	WAD MEDANI	02	9	16	6	1	7	5	12		23					84	1	94	100
	RENK	02	9	20	2	1	8	6			23		—		—	100	—	—	214
	ROSEIRES																72	365	314
	EL OBEID	02	8	10	3	1	8	6,4	14		23					78	0	164	104
	EL FÂSHER	02	8	10	3	1	7	4,5	—	—	27					52	0	45	59
	GENEINA								—	—			—		—		—	—	130
	KADUGLI	02	8	04	1	2	6	4	14		21		—		—	94	—	—	365
S. Sûdân	MALAKÂL	02	8	00	0	1	7	6,4	14		24					94	10	398	388
	WÂU	02	8	18	3	1	5	4	14		23					84	0	694	607
	JUBA	02	8	00	0	6	7	4,5	16		23					94	36	764	652

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 SAʿÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	12 h. 30 m.	h. m.	h. m.	13 h. m.	h. m.	13 h. m.	13 h. m.	h. m.	14 h. m.	h. m.
				03 28 20			03 30 20		06 21 15	06 24 35		06 20 15	
				06 27 35			06 33 10		30 27 20	09 24 40		09 22 25	
				09 27 30			09 34 10		39 24 10	15 23 20		15 19 20	
				12 28 40			15 30 10		45 05 10	21 21 15		18 16 20	
				15 28 45			21 28 25			30 08 05			
				21 27 40			30 26 35			39 12 10			
				27 28 15			39 24 40						
				30 28 35			45 24 30						

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 SAʿÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.	7 h. m.	6 h. 45 m.
			02 32 15		02 33 05		10 31 05		06 14 20	03 03 05	06 18 40
			05 34 15		05 06 05		15 29 10		09 02 15	06 02 25	09 20 50
			08 34 15		10 29 15		20 28 15		15 34 10	09 01 20	12 21 45
			10 34 10		15 26 25				21 35 10	15 31 15	15 20 45
			15 33 15						30 23 35	21 31 05	21 26 20
			20 35 05						39 22 15	30 22 35	30 36 25
			23 33 10						45 21 20	39 22 35	
			25 34 10						30 11 10	45 22 30	
			30 31 15							57 12 05	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. 30 m.	7 h. m.	h. m.	7 h. 30 m.
06 18 35	03 21 20	06 08 30	09 17 20		03 21 05
09 19 35	06 32 20	09 07 25	15 22 10		09 25 25
15 22 15	09 29 20		21 24 20		15 28 25
21 01 10	15 31 20		30 20 20		
30 36 30	21 32 30		33 20 15		
39 05 25	30 29 35		39 02 10		
	33 29 35		45 03 25		
			54 06 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	1947	1946
	12-7	1852	1910
	11-7	1852	1910

Station	Mean of day: Humidity % on 11th	Diff from normal	Wet Bulb Temp °C on 11th	Diff from normal
Alexandria	82	+7	24.0	+1.2
Ezbekiya	61	+3	23.3	+1.0
Giza	61	+3	22.7	+1.3
Helwân	57	+10	22.0	+2.0

GÎZA — GRASS MINIMUM TEMP. ON 12th 19.6 °C

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

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12-7			13.50	-0.05
Nâsser				9.10	+0.14
Malakâl		11.38	+0.07	11.36	+0.06
J. Aulia Res.					
J. Aulia D.S					
Roseires				15.70	+0.44
Sennar Res.				7.59	—
Khartûm				11.60	-0.59
Kh. el Girba					
ʿAtbara				10.98	-0.35
Kajnarti				132.77	-0.86
Aswân Res.		107.96	—	108.43	—
Aswân D.S		86.61	-0.34	86.61	-0.29
Roda (Cairo)					

CYPRUS SYNOPTIC 8h ON 12th
34710 09882 14204 04272 30406 00230
34810 00861 10201 04272 40104 00220

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON — HEIGHT feet	P.P.P. mb.	TT °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

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

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

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „	42
Fog in patches	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

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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 05 m. 02
Sunset h. 18 m. 58

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT
1417 F.C.

DAILY WEATHER REPORT

Month JULY 1947 — شهر يوليه ١٩٤٧

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

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	30	3	0	3	8	7.9	27.6	77	0	131
MARIUT	00	7	27	3	0	0	—	7	30	66	0	150
ALEXANDRIA	00	9	28	5	0	0	—	7.1	29.0	72	0	132
DAMIETTA	00	8	28	1	0	0	—	6.0	31.4	62	0	159
PORT SA'ÎD	00	8	32	2	0	2	3	6.0	33.3	59	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	6.3	29.5	76	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	3	1	0	—	7.0	33.0	51	0	136
MANSÛRA	01	8	30	1	1	4	8	7.0	35.2	41	0	137
TANTA	00	8	00	0	1	0	—	6.2	36.0	38	0	138
ZAGAZIG	00	6	32	2	0	0	—	6.3	35.8	47	0	139
SHEBÎN EL KÔM	00	8	30	4	0	0	—	6.3	38.1	25	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	28	2	0	0	—	5.9	35.9	38	0	141
CAIRO EZBEKÎYA	00	8	28	1	0	0	—	6.2	35.8	32	0	—
CAIRO GÎZA	00	8	30	1	0	0	—	5.6	37.0	30	0	—
HELWÂN	00	8	00	0	0	0	—	6.2	35.0	24	0	143
SUEZ	00	9	00	0	0	0	—	5.9	36.4	33	0	144
UPPER EGYPT												
FAIYÛM	00	8	00	0	0	0	—	5.9	35.7	26	0	153
MINYA	00	9	28	3	0	0	—	5.9	36.7	27	0	154
ASYÛT												155
NAG' HAMÂDI	00	8	00	0	0	0	—	5.3	37.0	22	0	164
QENA	00	8	22	2	0	0	—	4.7	39.9	18	0	156
LUXOR	00	9	18	3	0	0	—	4.6	42.9	11	0	157
ASWÂN	00	9	00	0	0	0	—	4.6	41.4	25	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	8.4	36.2	30	0	148
BAHARÎYA	00	9	28	1	0	0	—	5.8	37.3	23	0	149
KHÂRGA	00	9	00	0	0	0	—	—	40.7	20	0	151
DAKHLA	00	9	28	1	0	0	—	5.8	38.4	18	0	152
RED SEA												
TÛR	00	7	28	1	0	0	—	6.4	32.8	57	0	145
HURGHÂDA	00	8	08	3	0	0	—	5.2	33.7	46	0	146
QUSEIR	00	8	14	2	0	0	—	5.5	31.6	74	0	147
PORT SÛDÂN	05	6	08	3	0	1	4	4	38	48		208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA	00	8	20	2	0	0	—	6	41	10		166
'ATBARA	18		18	4	3	0	—	6	40	20		167
KHARTÛM	05	6	16	5	1	3	4	8	37	25		209
KASSALA	00	8	20	3	1	3	8,1	9	35	39		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	16	5	1	5	3	10	32	36		171
RENK												182
ROSEIRES												172
EL OBEID	01	7	20	3	8	4	8,2	8	32	38		174
EL FÂSHER	01	8	18	4	1	5	8,4	—	36	24		175
GENEINA	01	8	24	2	1	4	8,1	—	38	29		179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

At 20h. on 12th — الساعة ٢٠ يوم السبت 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)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	30	3	1	4	8	8.3	25.8	86	0
MARIUT	00	7	00	0	0	0	—	7	26	84	0
ALEXANDRIA	00	5	28	3	0	0	—	7.9	26.4	86	0
DAMIETTA	00	7	28	3	1	1	8	6.6	26.2	90	0
PORT SA'ÎD	00	8	30	2	0	0	—	7.1	27.2	81	0
EL 'ARÎSH	00	9	28	1	0	0	—	6.7	27.8	82	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	0	0	—	7.8	26.2	79	0
MANSÛRA	00	6	32	2	1	0	—	7.2	28.6	64	0
TANTA	00	8	00	0	0	0	—	7.0	27.0	75	0
ZAGAZIG	00	6	32	2	0	0	—	—	30.2	62	0
SHEBÎN EL KÔM	00	7	28	2	0	0	—	7.2	28.7	58	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	32	2	0	0	—	6.3	33.4	60	0
CAIRO EZBEKÎYA	00	7	32	3	0	0	—	6.6	31.1	50	0
CAIRO GÎZA	00	8	28	1	0	0	—	6.2	31.2	50	0
HELWÂN	00	7	32	3	0	0	—	6.2	32.7	36	0
SUEZ	00	9	30	1	0	0	—	6.2	33.8	35	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	5.8	33.0	38	0
MINYA	00	8	32	1	0	0	—	6.6	33.4	27	0
ASYÛT	00	6	28	1	0	0	—	6.2	30.0	41	0
NAG' HAMÂDI	00	8	00	0	0	0	—	5.6	28.0	52	0
QENA	00	6	24	2	0	0	—	4.7	31.9	29	0
LUXOR	00	8	22	2	0	0	—	4.7	35.3	19	0
ASWÂN	00	9	00	0	0	0	—	5.8	37.0	22	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	8.8	29.4	40	0
BAHARÎYA	00	7	28	1	0	0	—	6.3	33.0	27	0
KHÂRGA	00	9	28	2	0	0	—	—	36.6	19	0
DAKHLA	00	8	28	1	0	0	—	4.0	33.8	18	0
RED SEA											
TÛR	00	7	28	1	0	0	—	6.0	31.1	69	0
HURGHÂDA	00	8	00	0	0	0	—	5.6	28.9	51	0
QUSEIR	00	8	12	1	0	0	—	6.0	23.4	87	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 12th — الرياح العليا يوم ١٢

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	14h. 15m.	h. m.	h. m.	12h. 45m.	12h. 15m.	h. m.	14h. m.
							03 29 15			06 20 40	06 22 20		06 03 10
							06 29 30			09 23 10	09 22 30		09 01 10
							09 28 30			15 20 35	15 21 35		15 30 15
							15 28 15			21 26 20	21 19 15		21 30 15
							21 26 15				30 20 05		
							30 26 30				39 24 20		
							39 24 40						
							45 23 60						

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	1947	1945
	13-7	1852	1900
	12.7	1852	1940

STATION	Mean of day: Humidity % on 12th	Humidity Diff from normal	Wet Bulb Temp °C on 12th	Wet Bulb Temp Diff from normal
Alexandria	83	+8	25.0	+2.2
Ezbekîya	57	-2	23.6	+1.3
Gîza	52	-6	23.6	+2.1
Helwân	53	+6	22.0	+2.0
GÎZA	GRASS MINIMUM TEMP. ON 13th		16.0 °C	
CAIRO	WATER TEMP. RIVER NILE ON 13th		AT 9h. 28.1 °C	

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				15.50	-0.06
Nasser				9.13	+0.14
Malakâl	7	11.40	+0.08	11.38	+0.07
J. Aulia Res.				371.80	—
J. Aulia D.S				371.71	-0.44
Roseires		15.78	+1.33	15.80	+0.44
Sennar Res.				8.01	—
Khartûm				11.66	-0.60
Kh. el Girba				11.60	-0.83
Atbara				11.07	-0.33
Kajnarti				132.88	-0.93
Aswân Res.		107.50	—	107.96	—
Aswân D.S		86.59	-0.43	86.61	-0.34
Roda (Cairo)				16.56	+0.91

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

At 8h. on Sunday 13th — الساعة ٨ يوم الأحد ١٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff from normal mbs.	Temp. Dry Bulb °C (ttt)	Maximum Yesterday °C (mm)	Maximum Diff from norm °C	Minimum Today °C (mm)	Minimum Diff from norm °C	% Humidity (uu)	Rainfall Past 24 hr mms	Rainfall Today From 0h mms	Rainfall Norm From 0h mms
MEDITERRANEAN																		
SALÛM											—		—					99
MATRÛH	00	9	26	3	0	3	8	9.5	-0.7	25.6	28	0	22	+1	82	0	55	161
MARIUT	00	7	27	1	0	1	8	8		28	31	—	24	—	74	0	139	138
ALEXANDRIA	00	9	28	3	0	0	—	8.7	-1.1	27.3	30	+1	25	+3	76	0	106	186
DAMIETTA	01	7	20	3	1	4	6	8.0	-0.8	26.7	33	—	21	—	79	0	32	106
PORT SA'ÎD	00	8	00	0	0	1	3	8.3	+0.1	27.6	34	+3	24	+1	73	0	27	81
EL 'ARÎSH	00	9	00	0	0	0	—	8.0	-0.8	29.8	34	+4	22	+2	56	0	47	94
LOWER EGYPT																		
DAMANHÛR	02	7	28	3	0	6	8	8.7	-0.4	28.0	34	+1	22	+2	77	0	84	101
MANSÛRA	00	8	18	2	0	0	—	8.2	-0.8	28.0	36	+1	21	+1	70	0	15	55
TANTA	00	8	24	1	0	0	—	8.4	-1.0	27.0	36	+1	20	+1	77	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	8.0	-1.6	30.6	37	+2	22	+3	72	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	8.8	-0.9	29.2	39	—	22	—	62	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—				38	—	26	—		0	14	—
CAIRO EZBEKÎYA	05	6	32	2	0	0	—	7.9	-1.5	30.5	38	+2	24	+3	48	0	13	26
CAIRO GÎZA	05	7	00	0	0	0	—	8.3	-1.2	28.8	38	+3	20	+1	62	0	20	27
HELWÂN	05	6	28	1	0	0	—	7.9	-1.3	29.1	37	+2	25	+4	47	0	5	29
SUEZ	00	9	00	0	0	0	—	7.4	-1.0	32.1	38	+2	24	+1	53	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	7.8	-1.4	29.5	38	+1	23	+2	49	0	8	8
MINYA	00	9	20	2	0	0	—	6.6	-2.0	31.9	38	+1	23	+2	35	0	tr	—
ASYÛT																0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.6	+0.2	29.4	40	—	21	—	37	0	0	—
QENA	00	7	24	2	0	0	—	7.0	+0.3	29.0	43	+2	22	-2	40	0	tr	—
LUXOR	00	9	20	1	0	0	—	7.1	+0.2	34.2	43	+2	22	-1	22	0	tr	—
ASWÂN	00	9	00	0	0	0	—	7.2	0.0	33.4	43	+2	27	+1	29	0	tr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	10.2	-1.8	25.6	38	0	21	0	81	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	7.0	-3.0	29.3	38	+1	23	+3	41	0	tr	7
KHÂRGA	00	9	00	0	0	0	—	—	—	28.8	42	+2	23	0	40	0	tr	—
DÂKHLA	00	8	28	1	0	0	—	8.7	-0.3	30.3	40	+1	24	+1	30	0	tr	—
RED SEA																		
TÛR	00	7	28	1	0	0	—	8.3	+2.4	29.1	36	+2	23	-1	63	0	2	13
HURGHÂDA	00	8	32	3	0	0	—	7.2	+0.5	29.8	35	0	22	-2	61	0	tr	3
QUSEIR			32	1	0	0	—	7.5	+1.2	30.4	33	-1	25	-1	58	0	tr	4
PORT SÛDÂN	00	7	18	2	0	0	—	6		32					59	0	149	98
NORTH SÛDÂN																		
WÂDI HALFA																		
KAREIMA	01	8	20	3	1	4	4	9		34					15	0	1	5
'ATBARA	02	7	20	3	1	5	4	10		31					29	0	tr	16
KHARTÛM	01	8	20	4	2	4	9,4	11		29					52	0	14	38
KASSALA	00	8	23	1	1	1	4	12		28					66	0	36	86
CENTRAL SÛDÂN																		
WAD MEDANI																0	94	104
RENK																—	—	218
ROSEIRES																0	365	320
EL OBEID	02	9	16	4	1	7	4,5	12		26					74	1	165	107
EL FÂSHER	02	8	00	0	1	6	4	—	—	28					58	0	45	62
GENEINA	01	8	00	0	1	4	4,2	—	—	23		—		—	78	—	—	135
KADUGLI												—		—		—	—	270
S. SÛDÂN																		
MALAKÂL																4	402	393
WÂU																0	694	613
JUBA																0	764	656

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9h. m.	h. m.	h. m.	h. m.	7h. m.	h. m.	7h. m.	7h. m.	6h. m.
			02 36 15				05 09 10		06 24 35	03 20 15	06 21 30
			05 36 20				10 29 45		09 25 30	06 22 40	09 22 35
			08 04 15				15 24 30		15 27 25	09 25 40	15 19 20
			10 04 20				20 29 20		21 36 15	15 26 40	21 28 05
			15 34 15				25 24 20		27 35 05	21 27 20	30 04 25
			20 28 15							30 27 20	
			23 27 20							39 25 10	
			25 26 20							45 24 15	
			30 25 25								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKÂL
7h. m.	7h. m.	7h. 15m.	6h. 45m.	7h. 15m.	h. m.
06 20 30	03 24 15	09 22 30	09 30 05	09 00 00	
09 18 30	06 25 15	15 12 35	15 27 05	15 25 10	
15 20 40	09 27 15	21 11 10	21 23 05	21 27 30	
21 21 40	15 30 30	30 12 05	30 35 10	30 35 20	
30 22 20	21 32 40			39 02 10	
39 23 15	27 31 15			45 34 05	

CYPRUS SYNOPTIC 8h ON 13th

30710	09874	20214	07282	30307	00230	.
38853	00951	12212	07272	20103	00230	.

UPPER AIR TEMP ALMÂZA — AT GMT ON

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

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at:

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Time of Sunrise 05 h. 02 m. — 18 h. 58 m.

Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h on Sunday 13th (7/13 الساعة ١٤ يوم الأحد ١٣) and at 20h on 13th

Station	14h ww	V	Wind Dir	Wind F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs	Temp °C	% Humidity	Rain 8–14h mms	20h ww	V	Wind Dir	Wind 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
Mediterranean																							
Salûm																							130
Matrûh	00	9	30	3	0	1	8	9.4	27.0	76	0												131
Mariut	00	7	26	3	0	0	—	8	30	70	0	00	7	28	2	0	0	—	8	26	84	0	150
Alexandria	01	9	28	4	1	4	4	8.7	28.4	76	0	00	5	02	4	0	0	—	8.8	26.2	84	0	132
Damietta	00	8	28	3	1	1	8	7.4	30.0	65	0	00	7	28	3	1	2	8	7.4	25.6	90	0	159
Port Saʽid	00	8	30	2	0	2	3	7.8	28.2	63	0	00	8	30	3	0	1	2	7.4	26.2	84	0	134
El ʽArîsh	00	9	30	4	0	0	—	7.8	29.7	75	0	00	9	32	3	0	0	—	7.2	27.9	75	0	135
Lower Egypt																							
Damanhûr	00	7	32	3	1	0	—	8.6	31.5	54	0	00	7	32	3	0	0	—	8.2	26.2	84	0	136
Mansûra	01	8	04	2	1	3	8	7.8	35.0	36	0	00	6	32	1	1	0	—	7.9	27.8	70	0	137
Tanta	01	8	00	0	1	4	8	7.6	35.0	37	0	00	8	00	0	1	0	—	8.2	26.0	81	0	138
Zagazig	00	6	24	2	0	1	8	7.5	36.1	48	0	00	6	32	2	0	0	—	8.2	29.8	67	0	139
Shebîn el Kôm	01	8	22	3	1	4	8	8.2	37.2	33	0	00	7	22	2	0	0	—	8.4	28.3	58	0	—
Middle Egypt																							
Cairo Almâza	00	8	28	1	0	0	—	6.9	36.7	41	0	00	7	32	2	0	0	—	6.6	32.2	62	0	141
Cairo Ezbekîya	00	8	26	2	0	0	—	7.2	36.3	31	0	00	8	02	2	0	0	—	7.1	31.2	47	0	—
Cairo Gîza	00	8	26	3	0	0	—	7.4	36.1	30	0	00	8	04	2	0	0	—	7.2	31.8	45	0	—
Helwân	00	8	26	4	0	0	—	6.8	36.0	19	0	00	7	32	4	0	0	—	6.3	32.0	37	0	143
Suez	00	9	00	0	0	0	—	7.1	38.3	26	0	00	9	32	2	0	0	—	8.2	31.9	59	0	144
Upper Egypt																							
Faiyûm	00	8	00	0	0	0	—	6.3	37.7	24	0	00	8	00	0	0	0	—	6.7	32.0	45	0	153
Minya	00	9	02	2	0	0	—	5.6	39.3	17	0	00	8	32	1	0	0	—	5.4	34.0	35	0	154
Asyût	00	8	30	1	0	0	—	6.6	37.5	25	0	00	6	28	1	0	0	—	6.3	33.1	30	0	155
Nag Hamâdi	00	8	00	0	0	0	—	5.6	39.8	21	0	00	8	00	0	0	0	—	5.6	33.2	32	0	164
Qena	00	8	24	2	0	0	—	5.0	41.9	15	0	00	6	24	2	0	0	—	5.0	33.1	26	0	156
Luxor	00	9	22	2	0	0	—	5.0	43.0	13	0	00	8	18	2	0	0	—	5.2	36.2	20	0	157
Aswân	00	9	24	2	0	0	—	5.4	41.6	23	0	00	9	28	1	0	0	—	5.5	37.2	22	0	158
Western Desert																							
Sîwa	00	8	20	2	0	0	—	10.0	36.3	37	0	00		00	0	0	0	—	9.0	30.4	43	0	148
Bahariya	00	9	00	0	0	0	—	7.0	39.0	21	0	00	7	32	1	0	0	—	6.3	33.0	21	0	149
Khârga												00	9	28	1	0	0	—	—	35.6	19	0	151
Dâkhla	00	9	28	1	0	0	—	7.2	37.2	18	0	00	8	00	0	0	0	—	5.5	32.8	17	0	152
Red Sea																							
Tor	00	7	28	1	0	0	—	7.2	32.5	63	0	00	7	28	2	0	0	—	6.2	31.1	62	0	145
Hurghada	00	8	12	3	0	0	—	6.8	32.7	41	0	00	8	12	2	0	0	—	6.0	30.2	62	0	146
Quseir	00	8	08	1	0	0	—	7.0	31.3	70	0	00	8	12	1	0	0	—	6.3	29.0	79	0	147
Port Sûdân	00	8	28	4	0	0	—	3	39	33													208
North Sûdân																							
Wâdi Halfa	00	8	24	2	0	0	—	5	43	09													165
Kareima	02	8	22	4	1	8	8,4	8	41	26													166
Atbara	01	8	20	2	0	4	8,2	6	40	24													167
Khartûm	01	8	22	1	1	3	8,4	7	38	25													209
Kassala	01	8	20	3	0	3	8	7	37	33													170
Central Sûdân																							
Wad Medani																							171
Renk																							182
Roseires																							172
El Obeid	01	9	22	2	1	5	8,4	9	33	38													174
El Fâsher	01	8	00	0	1	5	8,4	—	37	22													175
Geneina								—															179
Kadugli																							187
South Sûdân																							
Malakal																							176
Wâu																							177
Juba																							[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 13th (١٣)

Matrûh	Mariut	Port Saʽid 13h 15m	Almâza	Minya 12h 30m	Luxor	Hurghâda	Wâdi Halfa 13h	Kareima 13h	Khartûm 13h	Kassala 12h 45m	El Obeid 13h	Malakal	Juba
		03 24 20		03 08 05			03 31 10	03 25 20	06 21 20	06 22 20	06 24 15		
		06 27 10		06 26 15			06 29 05	06 25 15	09 22 15	09 22 25	09 22 15		
		09 25 15		09 21 15			09 29 10	09 26 15	12 24 15	15 21 35	12 22 15		
		15 25 35		15 24 20			15 28 25	15 26 15	15 24 15	21 19 40	15 22 15		
		21 29 15		21 23 30			21 28 30	21 22 10	18 16 05	30 14 05	21 13 15		
		30 26 30					30 24 35	30 19 15	21 05 05		30 11 25		
									30 08 25				

Remark

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

Station	Mean of day Humidity % 13th	Diff. from normal	Wet Bulb Temp °C 13th	Diff. from normal
Alexandria	78	+3	24.5	+1.6
Ezbekiya	45	-14	23.1	+0.8
Gîza	50	-9	23.3	+1.8
Helwân	39	-8	21.2	+1.2

GÎZA — Grass minimum temp on 14th 19.9 °C

CAIRO — Water temp River Nile at 9h on 14th °C

Discharges at Aswan measured by sluices m³ per sec. Date	1947	1946
14-7	1852	1910
13-7	1852	1910

Gauge	Date 1947	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14—7.				
Nâsser					
Malakâl				11.40	+0.08
J. Aulia Res				371.86	—
J. Aulia D.S				371.81	-0.41
Roșeires		15.44	-0.12	15.78	+0.33
Sennar Res				8.49	—
Khartûm				11.82	-0.56
Kh. el Girba				12.45	-0.01
ʽAtbara				11.14	-0.34
Kajnarti				132.89	-1.03
Aswân Res		107.05	—	107.50	—
Aswân D.S		86.59	-0.46	86.59	-0.43
Roda (Cairo)		16.54	+0.88	16.54	+0.88

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

At 8h on Monday 14th (الساعة ٨ يوم الاثنين ١٤)

Station	ww	V	Wind Dir	Wind 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 normal	Min. Today °C	Diff. from normal	% Humidity	Rainfall 24 hr mms	From 1 Oct mms	Normal from 1 Oct mms
Mediterranean																		
Salûm												—		—				99
Matrûh																	55	161
Mariut	01	7	18	2	0	5	9	7		26	31	—	23	—	84	0	139	138
Alexandria	01	9	20	1	1	4	8	7.5	-2.2	26.6	31	+2	24	+1	77	0	106	186
Damietta	00	7	12	1	1	1	8	7.1	-1.7	27.7	32	—	23	—	76	0	32	106
Port Saʽid	00	8	28	1	0	0	—	7.2	-0.9	27.6	34	+3	24	+1	72	0	27	81
El ʽArîsh	00	9	24	1	0	0	—	7.1	-1.7	30.3	32	+2	22	+2	64	0	47	94
Lower Egypt																		
Damanhûr	01	7	24	3	0	3	8	7.6	-1.4	26.8	32	-1	23	+3	77	0	84	101
Mansûra	01	8	12	1	1	3	6	7.4	-1.5	28.8	36	+1	23	+3	66	0	15	55
Tanta	00	8	00	0	0	0	—	7.4	-2.0	27.0	35	0	20	+1	76	0	8	44
Zagazig	00	6	32	2	0	0	—	7.2	-2.3	28.8	37	+2	23	+4	83	0	24	27
Shebîn el Kôm	00	8	02	2	0	0	—	6.7	-2.9	28.0	38	—	23	—	69	0	9	—
Middle Egypt																		
Cairo Almaza	00	7	04	1	0	0	—	7.0	-2.4	28.2	38	—	24	—	76	0	14	—
Cairo Ezbekîya	05	7	06	1	0	0	—	6.8	-2.6	29.5	37	+1	24	+2	67	0	13	26
Cairo Gîza	00	7	04	2	0	0	—	7.2	-2.2	29.6	37	+2	23	+4	67	0	20	27
Helwân	05	6	00	0	0	0	—	6.7	-2.5	28.5	37	+2	24	+3	56	0	5	29
Suez	00	9	02	1	0	0	—	6.6	-1.8	29.2	39	+3	24	+1	68	0	4	17
Upper Egypt																		
Faiyûm	00	8	00	0	0	0	—	7.1	-2.0	28.9	39	+2	24	+3	64	0	8	8
Minya	00	9	32	1	0	0	—	6.8	-1.8	30.8	40	+3	24	+3	52	0	dr	—
Asyût	00	7	18	1	0	0	—	7.2	-1.2	29.8	39	+2	24	+1	54	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	7.1	-0.2	30.7	41	—	21	—	40	0	0	—
Qena	00	7	24	3	0	0	—	6.0	-0.7	34.8	43	+2	25	+1	24	0	dr	—
Luxor	00	9	22	2	0	0	—	6.2	-0.7	35.0	44	+3	22	-1	24	0	dr	
Aswân	00	9	00	0	0	0	—	7.0	-0.2	31.7	43	+2	28	+2	34	0	dr	
Western Desert																		
Sîwa	00	7	00	0	0	0	—	8.7	-3.2	28.2	38	0	22	+1	76	0	2	8
Bahariya																0	dr	7
Khârga	00	9	00	0	0	0	—	—	—	29.2	42	+2	23	0	47	0	dr	—
Dâkhla	00	8	00	0	0	0	—	7.6	-1.3	28.8	40	+1	22	-1	28	0	dr	
Red Sea																		
Tor	00	7	28	2	0	0	—	6.0	+0.1	28.9					72	0	2	13
Hurghada	00	8	30	3	0	0	—	5.9	-0.7	30.4	34	-1	23	-1	55	0	dr	3
Quseir	00	8	32	2	0	0	—	6.0	-0.3	30.0	33	-1	25	-1	73	0	dr	4
Port Sûdân	00	8	12	1	0	0	—	5		36					60	0	149	99
North Sûdân																		
Wâdi Halfa	00	8	20	2	0	1	3	8		31					19	0	tr	—
Kareima	02	8	00	0	1	5	4,5	8		33					36	0	1	6
Atbara	01	7	20	3	0	4	4,2	7		32					38	0	tr	17
Khartûm	00	8	18	4	1	2	1	9		33					41	0	14	40
Kassala	00	8	18	3	0	2	4	10		29					59	0	36	89
Central Sûdân																		
Wad Medani	01	9	16	5	1	5	1	11		30					55	0	94	108
Renk	00	9	14	2	0	0	—	13		26		—		—	84	—	—	222
Roseires	02	8	12	1	1	7	9,5	14		24					84	0	365	327
El Obeid	00	9	20	3	0	1	1	10		28					66	0	165	110
El Fâsher	01	9	16	2	1	5	8,4	—	—	24					84	4	49	65
Geneina												—		—		—	—	140
Kadugli	01	8	04	1	1	4	1	12		24		—		—	84	—	—	375
South Sûdân																		
Malakal	94	8	16	1	1	6	9	14		22					94	0	402	399
Wâu																34	726	618
Juba	01	8	12	2	4	5	4,3	13		25					84	0	764	659

Upper Winds are in the Code HHDDVV where HH is Height 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 Saʽid	Helwân	Minya	Asyût 7h	Luxor	Aswân 7h	Wâdi [illegible] 7h 45m	Kar[illegible] 7h	[illegible] 7h	[illegible] 6h 30m
					02 25 15		05 24 30	06 25 10	06 30 25	03 27 05	06 22 25
					05 27 10		10 21 25	09 26 20	09 30 50	06 23 10	09 24 30
							15 28 25	15 29 25	15 22 40	09 22 10	15 26 30
							20 26 50	21 26 30	21 31 30	15 29 10	21 25 05
							25 27 40	24 25 25	30 21 30	21 31 15	
							30 27 65				
							35 27 35				
							40 27 20				

Kassala 6h 45m	Port Sûdân 7h	El Obeid 7h	El Fasher 7h	Geneina	Malakal
06 19 25	03 18 20	06 21 25	06 22 25		
09 19 35	06 18 15	09 23 40	15 24 25		
15 23 45	09 27 15	15 23 30	27 26 25		
21 29 40	15 31 30	21 18 10			
30 27 30	21 32 30	27 07 20			

Upper air temp — Height feet: Surface, 500, 1000, 1500, 2000, 3000, 5000, 8000, 10000, 12000, 14000, 16000 (no entries)

Cyprus synoptic 8h on 14th

34700 00870 08100 06292 40101 00XX0
34800 00990 03100 06282 50000 00XX0

Wind Force (F) — Strong gale 66-77; Whole gale 78-90; Storm 91-104.
Wind direction 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	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Duststorm	30-34
Fog or Thick Haze	40-49

Cloud Form (C) — Alto-stratus 5; Strato-cumulus 6; Nimbo-stratus 7; Cumulus 8; Cumulo-nimbus 9; Stratus 0.

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise h. m. 05 03
Sunset h. m. 18 58

Month JULY 1947 — شهر يوليه ١٩٤٧

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

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	Humidity	Rain 14–20h mms	Station number
Mediterranean																							
Salum																							130
Matrûh	00	9	32	3	0	0	—	7.4	29.2	72	0	00	8	00	0	0	0	—	6.7	25.8	85	0	131
Mariut	00	7	27	3	0	2	8	7	30	66	0	00	7	01	1	0	0	—	7	26	89	0	150
Alexandria	00	9	28	4	0	0	—	7.6	29.6	64	0	00	5	04	2	0	0	—	7.2	26.0	84	0	132
Damietta	00	7	32	3	1	2	8	6.6	29.0	77	0	00	7	30	2	1	0	—	6.8	25.2	92	0	159
Port Said	00	8	32	2	0	0	—	6.7	31.2	60	0	00	8	30	2	0	0	—	7.0	26.2	80	0	133
El Arish	00	9	30	2	0	0	—	6.3	30.8	64	0	00	9	28	3	0	0	—	7.1	26.0	78	0	135
Lower Egypt																							
Damanhûr	00	7	24	3	1	3	8	7.1	33.0	50	0	00	7	32	3	0	0	—	7.5	26.5	73	0	136
Mansûra	01	8	28	1	1	3	8	6.3	34.4	43	0	00	6	02	2	1	0	—	7.2	27.6	71	0	137
Tanta	01	8	08	2	1	4	8	6.6	35.0	43	0	00	8	00	0	1	0	—	7.5	27.3	78	0	138
Zagazig	00	6	32	3	0	0	—	6.3	36.2	48	0	00	6	32	2	0	0	—	6.8	29.2	77	0	139
Shebin el Kôm	00	8	30	3	0	2	8	6.8	37.2	32	0	00	7	30	2	0	0	—	7.0	29.4	54	0	—
Middle Egypt																							
Cairo Almaza	00	8	26	3	0	1	8	6.8	36.8	46	0	00	7	02	2	0	0	—	5.9	33.0	59	0	141
Cairo Ezbekiya	00	8	30	2	0	0	—	5.8	36.4	31	0	00	8	02	2	0	0	—	6.4	31.7	48	0	—
Cairo Gîza	00	8	28	1	0	0	—	6.0	36.6	29	0	00	8	28	2	0	0	—	7.0	30.8	55	0	—
Helwân	00	8	28	3	0	0	—	5.5	36.2	20	0	00	7	32	2	0	0	—	5.6	33.2	30	0	143
Suez	00	9	00	0	0	0	—	5.5	37.8	32	0	00	9	02	2	0	0	—	6.6	31.8	36	0	144
Upper Egypt																							
Faiyûm	00	8	30	2	0	1	8	5.1	37.5	22	0	00	8	00	0	0	0	—	5.2	32.3	41	0	153
Minya	00	9	24	3	0	0	—	4.8	39.6	17	0	00	8	30	1	0	0	—	5.4	34.4	30	0	154
Asyût	00	8	30	1	0	0	—	5.5	36.8	30	0	—											155
Nag Hamadi	00	8	24	1	0	0	—	4.4	38.0	25	0	00	8	00	0	0	0	—	5.4	30.6	47	0	164
Qena	00	8	22	3	0	0	—	5.1	40.0	15	0	00	6	24	2	0	0	—	4.6	30.3	35	0	[illegible]
Luxor	00	9	24	3	0	0	—	5.2	42.3	15	0	00	8	28	3	0	0	—	4.4	35.8	19	0	157
Aswân	00	9	24	1	0	0	—	4.6	40.0	25	0	00	9	00	0	0	0	—	5.6	36.7	23	0	158
Western Desert																							
Sîwa	00	8	20	2	0	0	—	8.3	38.3	44	0	00	—	00	0	0	0	—	6.6	29.5	47	0	148
Baharîya	00	8	08	1	0	0	—	5.8	37.3	20	0	00	7	00	0	0	0	—	5.1	32.0	28	0	149
Khârga												00	9	30	2	0	0	—		36.4	15	0	151
Dakhla	00	9	22	1	0	0	—	5.1	39.6	14	0	00	8	00	0	0	0	—	4.6	35.2	19	0	152
Red Sea																							
Tor	00	7	28	1	0	0	—	5.6	35.3	52	0												145
Hurghâda	00	8	04	3	0	0	—	5.6	34.9	35	0	00	8	00	0	0	0	—	3.9	31.6	50	0	146
Quseir	00	8	04	1	0	0	—	5.5	31.1	74	0	00	8	12	1	0	0	—	3.8	29.4	81	0	147
Port Sûdân																							208
North Sûdân																							
Wadi Halfa																							165
Kareima																							166
Atbara																							167
Khartûm																							209
Kassala																							170
Central Sûdân																							
Wad Medani																							171
Renk																							182
Roseires																							172
El Obeid																							174
El Fasher																							175
Geneina																							179
Kadugli																							187
S. Sûdân																							
Malakâl																							176
Wau																							177
Juba																							173

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

UPPER WINDS ON 14th 13

Matrûh h m	Mariut h m	Port Said h m	Almâza h m	Minya h m	Luxor h m	Hurghâda h m	Wadi Halfa h m	Kareima h m	Khartûm h m	Kassala h m	El Obeid h m	Malakal h m	Juba h m

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	77	+4	24.1	+1.2
Ezbekiya	55	−4	24.1	+1.8
Gîza	57	−2	24.2	+2.6
Helwân	40	−8	21.4	+1.4

GÎZA — Grass minimum temp on 15th 18.8 °C

CAIRO — Water temp River Nile at 9h. on °C

Discharges at Aswân measured by sluices m³ per sec — Date	1947	1946
15th	1852	1910
14th	1852	1910

Gauge	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff from normal
	1947	m	m.	m	m
Jûba	15th			13.45	−0.11
Nâsser					
Malakâl		11.42	+0.08	11.41	+0.08
J. Aulia Res.				371.90	—
J. Aulia D.S				371.83	−0.45
Roseires		15.40	−0.30	15.44	−0.12
Sennar Res.				8.55	—
Khartûm				11.92	−0.52
Kh. el Girba				12.25	−0.27
Atbara		11.15	−0.47	11.16	−0.39
Kajnarti				132.95	−1.13
Aswân Res.		106.52	—	107.05	—
Aswân D.S		86.61	−0.49	86.59	−0.46
Roda (Cairo)		16.54	+0.87	16.54	+0.88

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

At 8h. on TUESDAY 15th — الثلاثاء ١٥

Station	Present weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past weather (W)	Cloud Amount	Cloud Form	Bar pressure M.S.L. 1000+ mbs	Diff from normal mbs	Temp Dry bulb °C	Max yesterday °C	Diff from normal °C	Min today °C	Diff from normal °C	Humidity %	Rain (mms)	Rain [illegible]	[illegible]
Mediterranean																		
Salum											—							99
Matrûh	00	9	00	0	0	0	—	7.9	−2.2	27.3	28	0	22	+1	80	0	55	161
Mariut	00	9	11	1	0	0	—	8		28	30	—	22	—	70	0	139	138
Alexandria	00	9	14	2	0	0	—	8.2	−1.5	27.7	30	+1	23	0	70	0	106	186
Damietta	00	7	12	2	1	2	8	8.0	−0.7	29.0	33	—	22	—	74	0	32	106
Port Saîd	00	8	04	1	0	2	6	8.3	+0.3	27.7	34	+3	24	+1	72	0	27	81
El Arish	00	9	20	1	0	0	—	7.5	−1.3	31.6	33	+3	21	+1	58	0	47	94
Lower Egypt																		
Damanhûr	00	7	08	3	0	0	—	8.2	−0.8	28.0	34	+1	22	+2	76	0	84	101
Mansûra	00	8	04	1	0	0	—	8.2	−0.6	29.0	35	0	23	+3	72	0	15	55
Tanta	00	8	08	1	0	0	—	7.8	−1.6	27.6	36	+1	21	+2	80	0	8	44
Zagazig	00	6	04	2	0	0	—	8.0	−1.5	29.2	37	+2	23	+4	83	0	24	27
Shebin el Kôm	00	8	04	2	0	0	—	8.3	−1.3	28.8	38	—	23		62	0	9	
Middle Egypt																		
Cairo Almaza	00	7	02	1	0	0	—	7.4	−1.9	29.8	38	—	26		57	0	14	
Cairo Ezbekîya	05	6	00	0	0	0	—	7.8	−1.5	32.9	38	+2	25	+3	47	0	13	26
Cairo Gîza	00	8	00	0	0	0	—	8.3	−1.0	31.4	37	+2	22	+3	57	0	20	27
Helwân	05	6	00	0	0	0	—	7.6	−1.5	29.6	38	+3	26	+5	58	0	5	29
Suez	00	9	00	0	0	0	—			32.7	39	+3	24	+1	49	0	4	17
Upper Egypt																		
Faiyûm	00	8	00	0	0	0	—	7.4	−1.7	32.9	39	+2	25	+4	49	0	8	8
Minya	00	9	16	1	0	0	—	6.6	−2.0	33.2	41	+4	23	+2	29	0	dr.	
Asyût	00	7	00	0	0	0	—	7.4	−1.0	32.5	39	+2	23	0	36	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	7.5	+0.3	28.7	39	—	21	—	38	0	0	
Qena	00	7	04	2	0	0	—	7.1	+0.4	31.0	42	+1	22	−2	36	0	dr.	
Luxor	00	9	30	2	0	0	—	7.2	+0.4	33.0	43	+2	22	−1	33	0	dr.	
Aswân	00	9	00	0	0	0	—	7.2	+0.1	33.0	42	+1	26	0	34	0	dr.	
Western Desert																		
Sîwa	00	7	00	0	0	0	—	7.0	−4.9	30.0	39	+1	22	+1	66	0	2	8
Baharîya	00	8	32	1	0	0	—	6.6	−3.4	32.0	39	+2	25	+5	43	0	dr.	7
Khârga	00	9	00	0	0	0	—	—	—	37.0	42	+2	23	0	47	0	dr.	
Dakhla	00	8	00	0	0	0	—	7.0	−1.9	32.3	41	+2	22	+1	27	0	dr.	
Red Sea																		
Tor																	2	13
Hurghâda	00	8	32	3	0	0	—	7.4	+0.8	31.1	35	0	23	−1	57	0	dr.	3
Quseir	00	7	32	2	0	0	—	7.0	+0.8	32.4	32	−2	27	+1	54	0	dr.	4
Port Sûdân	00	8	08	1	0	2	—	4		37					24	0	149	99
North Sûdân																		
Wâdi Halfa	00	8	00	0	0	0	—	8		31					19	0	tr.	—
Kareima	02	8	24	5	1	8	2	9		32					38	0	1	6.
Atbara	01	7	24	4	0	4	2	7		33					34	0	tr.	17
Khartûm	00	8	22	1	1	2	2	9		29					59	0	14	41
Kassala	00	8	24	2	0	2	4	9		30					59	0	36	92
Central Sûdân																		
Wad Medani	01	9	18	4	1	5	6	8		30					55	0	94	112
Renk	00	9	20	1	0	0	—	12		26	—			—	79	—	—	226
Roseires	01	8	20	2	1	4	4	11		24					94	0	365	333
El Obeid	02	8	22	4	1	7	1	10		28					62	0	165	113
El Fâsher	01	8	00	0	0	3	4,1	—	—	36					40	0	49	69
Geneina								—	—		—			—			—	145
Kadugli	02	9	20	1	6	6	4	12		24					84	Rain	—	380
S. Sûdân																		
Malakâl	02	8	22	3	0	5	4,5	10		29					66	5	407	405
Wau	02	8	18	1	5	6	6,4	13		23					78	4	730	624
Juba	02	8	26	2	1	8	4,5	14		23					94	8	772	663

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

UPPER WINDS ON 15th ١٥

Matrûh h m	Mariut h m	Port Saîd h m	Helwân h m	Minya h m	Asyût 7h m	Luxor h m	Aswân 7h m	Wadi Halfa 7h	Kareima 7h	Khartûm 6h
					02 09 10		05 07 15	03 10 25	03 26 15	06 19 25
					05 11 10		10 28 05	06 07 20	06 26 40	09 20 30
					10 12 05		15 29 25	09 06 15	09 26 35	12 21 40
					15 17 10		20 31 25	15 25 05	15 27 30	15 21 35
							25 29 10	21 26 20	21 28 30	21 09 15
							30 35 20			
							40 30 20			
							50 30 20			

Kassala h m	Port Sûdân 7h m	El Obeid 7h 30m	El Fâsher 7h m	Geneina h m	Malakal h m
	03 02 05	06 27 20	07 35 05		
	06 12 25	07 28 35	15 02 15		
	09 11 15	15 26 25	21 12 20		
	15 09 20	21 24 30	30 11 25		
	21 35 05				

Upper air temp — Almâza — at G.M.T. on

Height feet	PPP mbs	TT	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 15th

34710 00972 18212 07292 20104 00220
34810 01863 26203 07272 30203 00220

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	

PAST WEATHER (W)

VISIBILITY (V)

Objects not visible at … Kilometres … 200 … 500 … 1 Kilometre … Visible over 50 km … 9

CLOUD AMOUNT (N)

CLOUD FORM (C)

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	
Very light	7–12	
Light	13–18	
Moderate	19–26	
Fresh	27–35	
Strong	36–44	
Very strong	45–	
Gale	55–65	
Strong gale	66–	
Whole gale	78–90	
Storm	91–104	
Hurricane	over 104	

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

CAIRO
Time of Sunrise h. 05 m. 04
Sunset h. 18 m. 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JULY 1947 — شهر يوليه ١٩٤٧

1417 F.C.

At 14h on Tuesday 15th (الساعة ١٤ يوم ١٥/٧) — At 20h on 15th (الساعة ٢٠ يوم الثلاثاء 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.	Temp °C	% Humidity	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALUM																							130
MATRÛH	00	9	06	2	0	0	—	7.8	29.2	72	0	00	8	08	2	0	0	—	8.0	26.8	86	0	131
MARIUT	00	7	32	3	0	0	—	8	33	50	0	00	7	05	4	0	0	—	8	27	84	0	150
ALEXANDRIA	00	9	06	5	0	0	—	8.2	30.0	62	0	00	5	08	4	0	0	—	8.6	27.0	78	0	132
DAMIETTA	00	7	04	2	1	0	—	8.3	32.8	54	0	00	6	04	3	0	0	—	9.4	27.2	83	0	159
PORT SAÎD	00	8	02	2	0	0	—	8.8	33.6	38?	0	00	8	06	2	0	0	—	10.2	27.0	78	0	134
EL ARÎSH	00	9	28	1	0	0	—	9.0	30.5	67?	0	00	9	28	1	0	0	—	9.4	27.1	81	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	08	3	0	0	—	8.4	35.7	34	0	00	7	32	4	0	0	—	9.0	28.0	73	0	136
MANSÛRA	00	8	32	2	0	0	—	8.3	36.6	34	0	00	6	04	2	0	0	—	9.2	28.0	69	0	137
TANTA	00	8	32	1	0	0	—	7.6	37.0	27	0	00	8	08	4	0	0	—	8.6	27.8	65	0	138
ZAGAZIG	00	6	32	2	0	0	—	7.8	37.2	42	0	00	6	16	2	0	0	—	9.1	30.2	65	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	—	7.9	39.4	25	0	00	7	30	4	0	0	—	8.8	30.8	45	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	00	8	32	2	0	0	—	6.4	39.3	19	0	00	7	04	3	0	0	—	8.5	35.2	47	0	141
CAIRO EZBEKÎYA	00	8	22	1	0	0	—	7.0	38.8	24	0	00	8	32	2	0	0	—	7.8	33.7	30	0	—
CAIRO GÎZA	00	8	00	0	0	0	—	7.4	39.0	22	0	00	8	02	1	0	0	—	7.9	35.2	31	0	—
HELWÂN	00	8	26	2	0	0	—	6.4	38.9	15	0	05	6	04	5	0	0	—	7.1	34.2	24	0	143
SUEZ	00	9	02	1	0	0	—	7.9	38.4	19	0												144
UPPER EGYPT																							
FAIYÛM	00	8	00	0	0	0	—	6.4	39.6	20	0	00	8	00	0	0	0	—	5.9	35.7	27	0	153
MINYA	00	9	24	2	0	0	—	6.8	41.0	21	0	00	8	02	1	0	0	—	6.0	34.3	35	0	154
ASYÛT	00	8	00	0	0	0	—	6.7	39.2	28	0	00	6	26	1	0	0	—	6.6	35.5	30	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	5.8	40.0	29	0												164
QENA	00	8	32	2	0	0	—	4.8	43.6	14	0	00	6	24	2	0	0	—	5.1	34.3	30	0	156
LUXOR	00	9	20	1	0	0	—	4.7	43.5	16	0	00	8	22	2	0	0	—	5.2	36.0	27	0	157
ASWÂN	00	9	00	0	0	0	—	4.8	42.9	23	0	00	9	00	0	0	0	—	5.0	38.0	19	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	5.2	40.0	46	0	00		00	0	0	0	—	4.8	34.3	47	0	148
BAHARÎYA	00	8	08	1	0	0	—	5.4	41.0	17	0	00	7	00	0	0	0	—	4.7	36.0	18	0	149
KHÂRGA	00	9	16	1	0	0	—	—	42.3	20	0	00	9	00	0	0	0	—	—	38.5	23	0	151
DÂKHLA	00	9	28	2	0	0	—	4.3	44.4	14	0	00	8	20	1	0	0	—	3.6	37.4	14	0	152
RED SEA																							
TÔR	00	7	28	1	0	0	—	6.8	33.9		0												145
HURGHÂDA	00	8	04	3	0	0	—	5.6	35.9	38	0	00	8	28	1	0	0	—	6.3	31.1	48	0	146
QUSEIR	00	8	02	1	0	0	—	5.9	36.6	49	0	00	8	04	1	0	0	—	6.0	32.4	40	0	147
PORT SÛDÂN	00	8	04	3	0	1	4	3	37	48	0												208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	24	2	1	3	1	4	44	13													165
KAREIMA	02	8	22	3	1	2	2	6	41	22													166
ATBARA	00	8	24	2	0	1	8	4	42	16													167
KHARTÛM	01	7	28	4	1	4	8	5	39	28													209
KASSALA	01	8	18	2	0	4	8	4	39	34													170
CENTRAL SÛDÂN																							
WAD MEDANI	11	8	18	3	1	5	8	4	40	24													171
RENK	01	9	20	3	0	4	6	8	34?	47?													182
ROSEIRES	01	8	14	2	1	4	8	8	30?	62?													172
EL OBEID	02	9	20	4	1	5	8,4	4	36	33													174
EL FÂSHER	02	8	12	1	1	6	8,2	—	33	44													175
GENEINA	01	8	22	3	1	3	8,2	—	-	-													179
KADUGLI	02	8	20	1	1	6	1	9	30	49													187
S. SÛDÂN																							
MALAKÂL	02	8	16	2	1	7	8,4	11	29	66													176
WÂU	02	8	20	2	5	6	8,4	8	29	62													177
JUBA																							173

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	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C mm	Diff from norm °C	% Humidity UU	Rainfall 24 hrs mms	Total from 1 Oct mms	Normal from 1 Oct mms
MEDITERRANEAN																		
SALÛM											—		—	—				99
MATRÛH	00	8	06	4	0	2	8	8.6	-1.4	26.9	31	+3	25	+4	87	0	55	161
MARIUT	00	7	06	3	0	0	—	8		30	36	—	24	—	62	0	139	138
ALEXANDRIA	01	9	12	2	1	4	4	9.0	-0.7	28.8	34	+4	24	+1	64	0	106	186
DAMIETTA	00	7	04	3	0	0	—	8.8	+0.1	29.8	34	—	25	—	80	0	32	106
PORT SAÎD	00	7	06	2	0	0	—	9.1	+1.1	29.6	34	+3	26	+3	61	0	27	81
EL ARÎSH	00	9	12	1	0	0	—	9.8	+1.0	31.4	32	+2	21	+1	53	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	12	4	0	0	—	8.6	-0.3	30.0			23	+3	57	0	84	101
MANSÛRA	00	8	02	2	0	0	—	8.7	-0.1	30.0	38	+3	24	+4	57	0	15	55
TANTA	00	8	04	2	0	0	—	8.6	-0.8	28.8	-	-	-	-	62	0	8	44
ZAGAZIG	00	6	04	2	0	0	—	7.9	-1.5	30.8	38	+3	25	+6	64	0	24	27
SHEBÎN EL KÔM	00	8	04	2	0	0	—	8.4	-1.1	30.0	40	—	22	—	46	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	10	4	0	0	—	6.0	-2.2	35.6	41	—	29	—	51	0	14	—
CAIRO EZBEKÎYA	05	6	10	2	0	0	—	6.6	-2.6	37.1	40	+4	29	+7	25	0	13	26
CAIRO GÎZA	05	7	00	0	0	0	—	7.0	-2.2	38.7	40	+5	29	+10	31	0	20	27
HELWÂN	00	7	08	4	0	0	—	6.2	-2.9	36.9	40	+5	31	+10	15	0	5	29
SUEZ																	4	17
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	6.3	-2.7	32.9	41	+4	25	+4	34	0	8	8
MINYA	00	9	30	2	0	0	—	6.2	-2.4	35.0	42	+5	25	+4	26	0	dr	—
ASYÛT	00	7	02	2	0	0	—	7.1	-1.2	33.3	42	+5	26	+3	44	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	7.4	+0.2	31.2	41	—	23	—	49	0	0	—
QENA	00	7	08	2	0	0	—	7.1	+0.4	31.6	45	+4	24	0	44	0	dr	
LUXOR	00	9	04	1	0	0	—	6.6	-0.2	36.0	46	+5	25	+2	26	0	dr	—
ASWÂN	00	9	00	0	0	0	—	7.5	+0.4	33.8	45	+4	28	+2	36	0	dr	
WESTERN DESERT																		
SÎWA	00	8	00	0	0	0	—	6.2	-5.6	29.0	43	+5	26	+5	78	0	2	8
BAHARÎYA	00	8	08	2	0	0	—	4.6	-5.3	32.2	45	+8	27	+7	28	0	dr	7
KHÂRGA	00	9	00	0	0	0	—	—	—	32.4	44	+4	23	0	31	0	dr	—
DÂKHLA	00	8	10	1	0	0	—	7.1	-1.7	33.3	46	+7	24	+1	20	0	dr	—
RED SEA																		
TÔR																	2	13
HURGHÂDA	00	8	28	3	0	0	—	7.4	+0.9	34.3	38	+3	25	+1	27	0	dr	3
QUSEIR	00	7	32	2	0	0	—	7.6	-1.4	35.7	39	+5	29	+3	33	0	dr	4
PORT SÛDÂN	05	5	26	2	0	0	—	4		38					33	0	149	99
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	3	1	7		31					19	0	tr	—
KAREIMA	05	5	22	3	1	5	2	9		32					41	0	1	6
ATBARA	33	3	22	6	3	9	—	8		31					31	0	tr	18
KHARTÛM	02	7	20	4	1	5	4,5,2	10		28					52	0	14	43
KASSALA	01	8	16	3	0	4	6	11		26					79	0	26	95
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	14	3	1	7	2	11		26					70	21	115	115
RENK	02	9	20	3	6	8	6	13		23	—		—		94	Rain	—	230
ROSEIRES	01	8	18	2	1	4	4	13		24					84	25	390	339
EL OBEID	22	9	12	3	5	8	6,4,2	12		27					58	dr	167	116
EL FÂSHER	02	8	12	3	1	8	8,4	—	—	24					84	tr	54	72
GENEINA								—	—		—		—			—	—	150
KADUGLI	02	8	04	2	2	8	4	14		20	—		—		78	—	—	385
S. SÛDÂN																		
MALAKÂL	02	8	10	2	5	5	9,4	14		24					89	tr	407	411
WÂU																tr	732	630
JUBA																0	772	666

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 SAÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	13 h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	h. m.	13 h. — m.	h. m.	h. m.	h. m.	13 h. 30 m.	h. m.	h. m.
	03 03 15				03 27 10		03 25 25				06 23 25		
	06 12 10				06 25 05		06 27 15				09 23 20		
	09 21 20				09 36 05		09 26 10				15 24 35		
	12 26 05				12 29 05		15 28 15				21 19 35		
					15 03 15		21 32 15				24 17 35		
							24 29 25						
							30 28 05						

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 SAÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.
03 05 45					02 16 30		02 01 10	09 05 35	09 05 25	09 23 45	
06 04 50					05 15 40		05 06 20	15 05 20	15 07 20	15 25 30	
09 05 45					10 19 30		10 06 35	21 04 15	21 06 20		
12 03 35							15 03 30	24 04 15	30 26 10		
15 03 60							20 04 30		33 24 15		
18 03 40							25 04 30		39 20 20		
							30 04 35		45 29 15		
							35 03 50		60 20 30		
							40 03 35				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	7 h. 30 m.	7 h. m.	h. m.	7 h. 15 m.
	09 20 35	09 14 45	09 03 05		09 16 15
	15 17 25	15 10 45	15 11 10		15 16 15
	21 11 30	21 09 55	21 13 20		21 21 10
	33 05 45	27 06 40	34 12 20		24 22 10
	39 05 55				

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			

CYPRUS SYNOPTIC 8h ON 16th
34700 00990 20200 08281 80406 00180.

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	1947	1946
	16-7	1852	1910
	15-7	1852	1910

STATION	Mean of day: Humidity % on 15th	Diff from normal	Wet Bulb Temp °C on 15th	Diff from normal
Alexandria	72	-3	24.3	+1.3
Ezbekiya	36	-23	23.2	+0.9
Giza	40	-19	23.7	+2.0
Helwân	38	-10	21.8	+1.7

GÎZA — GRASS MINIMUM TEMP ON 16th — °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16—7			13.58	+ 0.01
Nâșser					
Malakâl				11.42	+ 0.08
J. Aulia Res.				371.97	—
J. Aulia D.S.				371.89	- 0.45
Roșeires				15.40	- 0.30
Sennar Res.				8.57	—
Khartûm				12.15	- 0.37
Kh. el Girba				12.24	- 0.34
'Atbara				11.15	- 0.47
Kajnarti				133.04	- 1.16
Aswân Res.		106.05	-	106.52	.
Aswân D.S.		86.60	- 0.54	86.61	- 0.49
Roda (Cairo)				16.54	+ 0.87

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, Fog in last hour	41
Thick ...	42
Fog in patches	44
Drizzle	50-59
Rain	60-69
... Fog	67
... Snow	68, 69
Snow	70-79
Showers	80-89
... of Snow	83, 84
... of Sleet	85, 86
... of Hail	88, 89
Thunderstorm	90-99
... ended, now Rain	92
... with Hail	94-96
... with Duststorm	98
... heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 h. 04 m.
Sunset 18 h. 57 m.

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

DAILY WEATHER REPORT

Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h. on WEDNESDAY 16th. — الساعة ١٤ يوم الأربعاء ١٦ / At 20h. on 16th.

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
SALUM																						
MATRUH	05	8	04	3	3	2	8	8.8	28.3	73	0	00	8	02	3	0	2	8	10.8	25.9	87	0
MARIUT	30	2	04	5	3	0	—	6	32	63	0	00	7	03	5	3	3	4	7	27	74	0
ALEXANDRIA	00	7	08	6	0	0	—	6.0	30.0	55	0	01	5	08	6	1	3	4	7.1	26.4	73	0
DAMIETTA	14	6	04	5	0	0	—	7.9	30.2	69	0	01	6	04	5	1	3	4	6.3	27.0	84	0
PORT SAID	14	6	02	5	3	0	—	7.4	30.4	63	0	18	6	06	5	3	0	—	6.7	28.3	68	0
	00	9	30	3	0	0	—	8.8	31.4	59	0	00	9	28	2	0	0	—	7.1	28.3	79	0
	00	6	08	5	0	0	—	5.9	36.2	37	0	00	7	08	4	0	0	—	6.7	28.2	69	0
	00	8	04	2	0	0	—	6.7	36.0	42	0	00	6	04	2	0	0	—	5.8	28.0	63	0
	00	8	04	5	0	0	—	5.8	38.4	34	0	00	8	04	5	0	0	—	6.6	28.2	64	0
	00	6	32	3	0	0	—	5.8	40.0	26	0	18	6	32	2	0	0	—	4.7	30.3	64	0
	00	8	04	4	0	0	—	5.6	41.2	17	0	00	7	04	3	0	0	—	5.4	30.9	41	0
	00	8	18	2	0	0	—	4.1	44.7		0	05	6	06	5	1	0	—	3.4	37.9	45	0
	00	8	18	3	0	2	4	4.0	44.7	17	0	05	5	30	2	1	4	8	3.9	36.4	24	0
	00	7	18	2	0	0	—	4.2	44.8	10	0	00	7	28	1	0	0	—	4.6	36.0	23	0
	00	7	18	2	0	1	3	3.8	44.8	08	0	05	5	00	0	0	0	—	3.4	38.1	19	0
	00	9	00	0	0	0	—	7.2	42.8		0	00	9	30	1	0	0	—		35.8	28	0
	00	8	20	2	0	0	—	3.1	45.1	12	0	00	8	30	1	0	1	8	3.1	37.8	24	0
	00	8	16	3	0	0	—	3.8	45.8	12	0	00	8	28	2	0	0	—	4.2	35.4	29	0
	00	7	00	0	0	0	—	5.2	43.7	22	0											
	00	8	00	0	0	0	—	5.1	42.6	31	0											
	00	8	26	2	0	0	—	4.3	45.8	14	0	00	6	24	2	0	0	—	4.4	33.4	36	0
	00	9	18	2	0	0	—	4.2	46.2	12	0	00	8	18	2	0	0	—	4.6	36.7	23	0
	00	9	00	0	0	0	—	3.8	44.9	22	0	00	9	32	1	0	0	—	4.3	39.6	23	0
	00	8	28	4	0	0	—	5.8	38.0	24	0											
	00	8	24	2	0	0	—	3.8	44.2	11	0	00	7	32	1	0	0	—	4.4	36.5	16	0
	00	9	20	7	0	0	—	—	44.6	18	0											
	00	9	14	3	0	0	—	4.0	45.2	13	0											
	00	7	20	1	0	0	—	6.2	33.7		0											
	00	8	04	3	0	0	—	4.3	35.7	38	0	00	8	12	1	0	0	—	4.0	31.6	60	0
	00	7	04	2	0	0	—	7.0	34.9	41	0	00	8	32	1	0	0	—	5.1	31.0	53	0
	05	5	10	3	4	0	—	—	39	46												
	05	6	26	4	1	8	2	6	42	17												
	00	7	24	3	1	1	8	3	42	17												
	00	8	16	5	2	2	2	—	36	31												
	01	8	20	3	1	4	8,1	7	34	47												
	01	8	20	4	1	3	1	8	32	50												
	01	8	20	3	1	5	8	12	28	79												
	01	8	20	2	1	3	5	10	30	66												
	22	9	18	5	5	8	6,4	10	28	58												
	90	8	16	4	1	5	6,4	—	32	38												
	02	8	24	2	1	6	2	—														
	02	8	20	1	2	6	4	11	22													
	02	7	16	3	6	8	6	13	24	94												
	03	8	16	2	5	8	6,8	14	23	84												
	02	8	20	1	1	8	4,1	12	27	94												

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

MATRUH	MARIUT 12h 45m	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM 13h	KASSALA 12h 45m	EL OBEID	MALAKAL	JUBA
	03 22 75								06 21 40	06 20 25			
	06 09 55								09 21 30	09 19 35			
	09 12 75								15 20 40	15 20 20			
										21 19 10			
										30 24 25			

Remarks

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

Station	Humidity % on 16th	Diff from normal	Wet bulb temp °C on 16th	Diff from normal
Alexandria	67	-8	24.1	+1.1
Ezbekiya	21	-38	23.4	+1.1
Giza	23	-36	23.2	+1.5
Helwan	14	-34	21.4	+1.3

GIZA — Grass minimum temp on 17th 22.1 °C

CAIRO — Water temp River Nile at 9h. on 17th 29.1 °C

Discharges at Aswan measured by sluices m³ per sec.	1947	1946
17th	1852	1910
16th	1852	1910

Gauge	Date 1947	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal
Jûba	17th			14.02	+0.44
Nâsser				9.24	+0.13
Malakâl		11.44	+0.07	11.44	+0.09
J. Aulia Res.				372.21	—
J. Aulia D.S				372.07	-0.34
Roseires		15.64	-0.36	15.56	-0.30
Sennar Res.				10.39	—
Khartûm				12.42	-0.19
Kh. el Girba				12.22	-0.42
'Atbara		11.41	-0.37	11.32	-0.38
Kajnarti				133.19	-1.15
Aswân Res.		105.50	—	106.05	—
Aswân D.S		86.61	-0.55	86.60	-0.54
Roda (Cairo)		16.56	+0.87	16.54	+0.86

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At 8h. on THURSDAY 17th. — الساعة ٨ يوم الخميس ١٧

Station	ww	V	DD	F	W	N	C	MSL 1000+ mbs.	Diff from normal mbs.	Dry bulb °C	Max yesterday °C	Diff from normal	Min today °C	Diff from normal	Humidity %	Rainfall mms	Rainfall mms	Rainfall mms
SALUM												—		—				99
MATRÛH	01	8	30	4	1	4	8	13.0	+3.0	25.7	28	0	25	+4	85	0	55	161
MARIUT	00	7	29	3	0	2	6	10		27	33	—	25	—	74	0	139	138
ALEXANDRIA	01	9	04	3	2	4	4	11.0	+1.4	27.0	33	+3	25	+2	69	0	106	186
DAMIETTA	00	8	32	3	0	0	—	8.6	0.0	28.0	32	—	25	—	77	0	32	106
PORT SAÎD	00	8	32	3	0	1	2	8.6	+0.7	29.3	32	+1	27	+4	71	0	27	81
EL ARISH	00	9	08	1	0	0	—	7.1	-1.6	30.3	33	+3	21	+1	74	0	47	94
DAMANHÛR	00	7	32	3	0	0	—	10.3	+1.4	28.0	37	+4	23	+3	69	0	84	101
MANSÛRA	00	8	32	2	1	3	6	9.2	+0.4	28.8	37	+2	24	+4	70	0	15	55
TANTA	00	8	32	3	0	0	—	9.5	+0.2	32.0					42	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	9.4	0.0	30.5	41	+6	24	+5	65	0	24	27
SHIBIN EL KÔM	00	8	02	2	0	0	—	9.9	+0.5	28.3	42	—	24	—	69	0	9	—
ALMAZA	02	7	30	2	2	5	6	9.3	+0.2	27.2	46	—	25	—	85	0	14	
EZBEKÎYA	01	7	30	3	1	4	6	9.6	+0.5	28.8	45	+9	26	+4	69	0	13	26
GÎZA	01	7	28	2	1	4	8	9.8	+0.6	28.3	46	+11	25	+6	69	0	20	27
HELWÂN	02	7	32	3	2	6	8	9.2	+0.2	27.0	45	+10	25	+4	72	0	5	29
SUEZ	01	9	30	1	1	4	5	9.1	+0.9	29.4	44	+8	26	+3	68	0	4	17
FAYUM	02	8	32	2	2	5	8	9.4	+0.4	28.0	46	+9	26	+5	72	0	8	8
MINYA	00	9	32	3	0	0	—	9.4	+0.8	28.3	47	+10	27	+6	63	0	dr.	
ASYUT	05	6	22	2	4	0	—	8.8	+0.5	29.5	45	+8	27	+4	51	0	0	4
NAG HAMÂDI																		
QENA	00	7	24	2	0	0	—	6.4	-0.3	34.9	47	+7	28	+4	29	0	dr.	
LUXOR	00	9	08	1	0	0	—	6.2	-0.5	38.0	48	+7	27	+4	27	0	dr.	
ASWAN	00	9	00	0	0	0	—	6.4	-0.7	35.0	46	+5	29	+3	28	0	dr	
SIWA	00	7	00	0	0	0	—	13.5	+1.8	26.6					72	0	2	8
BAHARIYA	01	8	32	2	1	4	8	11.0	+1.1	29.0	45	+8	24	+4	66	0	dr.	7
KHARGA																	dr.	
DAKHLA																	dr.	
TOR																	2	13
HURGHÂDA	00	8	28	2	0	0	—	5.2	-1.3	35.4	38	+3	27	+3	30	0	dr.	3
QUSEIR	00	8	04	1	0	0	—	4.7	-1.5	34.8	38	+4	30	+4	39	0	dr.	4
PORT SUDAN	05	8	20	3	1	0	—	5		39					46		149	99
WADI HALFA	01	8	00	0	0	4	2	8		33					23		tr.	—
KAREIMA	02	8	20	4	1	8	2	8		33					36		1	7
ATBARA	02	7	22	4	0	5	2	7		31					43		tr.	19
KHARTÛM	00	8	16	5	0	1	4,2	11		29					55		14	45
KASSALA	01	8	20	3	1	4	6,4	12		28					70			98
WAD MEDANI	01	9	18	5	1	4	8	13		26					70			120
RENK											—		—			—	—	234
ROSEIRES	02	7	20	1	1	7	6	15		27					74			345
EL OBEID	01	9	20	4	1	4	6	13		24					74			120
EL FÂSHER	01	8	10	3	1	5	6,4	—	—	24					69			.75
GENEINA	02	8	00	0	1	5	4	—	—		—		—			—	—	156
KADUGLI	01	8	20	1	1	4	1	16		22	—		—		83	—	—	390
MALAKÂL																		417
WAU	05	7	28	1	1	8	4,5	15		22					83			636
JUBA																		670

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

UPPER WINDS ON 17th. — الرياح العليا يوم ١٧

MATRÛH	MARIUT	PORT SAÎD	HELWÂN	MINYA	ASYÛT 7h	LUXOR	ASWÂN 7h	WÂDI HALFA 7h	ABU HAMAD 7h	KAREIMA	KHARTÛM 6h 30m
					02 30 30		02 34 10	03 36 05	06 25 35		06 20 35
					05 32 20		05 36 30	06 29 10	09 26 25		09 22 50
							10 03 35	09 11 05	15 06 05		15 23 40
							15 36 30	15 08 20	21 04 25		21 32 20
							20 35 10	21 05 15	30 01 40		30 36 15
							30 06 10	30 05 25	33 01 40		39 31 05
							40 04 20	39 03 25	39 01 40		
							50 03 25	45 04 20			

KASSALA 7h	PORT SÛDÂN 6h 30m	EL OBEID 7h	EL FÂSHER 7h 15m	GENEINA	MALAKAL
06 20 20	03 27 10	06 24 45	09 16 15		
09 21 20	06 28 15	09 22 30	15 18 20		
15 23 50	09 27 15		21 16 05		
21 24 30	15 31 10		30 19 40		
	21 34 20				
	30 31 30				

CYPRUS SYNOPTIC 8h ON 17th.
34800 00890 26300 07341 90802 00220
34700 00990 10100 06291 40300 00210

UPPER AIR TEMP — ALMÂZA AT G.M.T. ON			
HEIGHT FEET	PPP mb		
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

ANNUAL SUBSCRIPTION P.T. 150

WIND FORCE (F)

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

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

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
[illegible] in past hour	20-29
[illegible] Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
[illegible] Thick Haze	40-49
[illegible]	[illegible]
Thunderstorm	90-99
with [illegible]	[illegible]
Heavy [illegible] Hail	[illegible]

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise 05 h. 05 m.
Sunset 18 h. 57 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JULY 1947 — ١٩٤٧ شهر يوليه

At 14h. on Thursday 17th (١٧/٧) and At 20h. on 17th (الخميس 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.	Temp °C	% Humidity	Rain 8-14 h 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 mms
Salum																						
Matruh	00	9	30	3	0	1	8	13.4	27.6	62	0	01	8	30	3	1	5	8	13.0	25.7	85	0
Mariut	00	7	29	4	0	2	6	11	28	70	0	00	7	29	3	0	1	6	11	25	74	0
Alexandria	00	9	28	4	0	0	—		28.2	64	0	00	5	28	4	0	0	—	11.6	25.6	71	0
Damietta	00	8	28	4	1	2	8	9.1	28.9	71	0	00	7	28	4	1	2	8	9.2	26.0	83	0
Port Said	00	7	30	4	0	0	—	9.1	32.2	60	0	00	8	28	4	0	2	3	9.6	26.7	76	0
El Arish	00	9	28	3	0	0	—	9.0	30.8	72	0											
Damanhur	00	7	32	4	0	0	—	11.0	30.8	51	0	00	7	28	3	0	0	—	11.1	25.5	76	0
Mansura	00	8	32	2	1	0	—	9.5	33.0	44	0	00	6	32	2	0	0	—	10.4	26.2	73	0
Tanta	00	8	04	3	2	0	—	9.9	33.0	39	0	00	8	32	3	0	0	—	10.6	26.0	71	0
Zagazig	00	6	32	2	0	0	—	9.2	34.4	55	0	00	6	32	2	0	0	—	10.3	27.2	69	0
Shebin el Kom	00	8	02	4	0	0	—	9.8	35.1	36	0	00	7	02	2	0	0	—	11.2	27.0	64	0
Almaza	00	8	32	3	0	0	—	8.5	34.0	45	0	00	7	31	2	0	0	—	10.0	29.1	57	0
Ezbekiya	00	8	30	3	0	0	—	9.0	34.7	35	0	00	7	28	4	0	0	—	10.2	28.7	54	0
Giza	00	8	28	2	0	0	—	9.2	34.6	35	0	00	8	28	2	0	0	—	10.4	28.3	51	0
Helwan	00	7	30	4	0	0	—	8.4	35.0	30	0	05	6	30	4	0	0	—	9.8	29.0	40	0
Suez	00	9	30	1	0	0	—	8.3	36.8	31	0	00	9	32	2	0	0	—	8.8	29.2	50	0
Faiyum																						
Minya	00	9	30	4	0	0	—	7.5	36.6	31	0	00	8	32	4	0	0	—	8.6	32.2	36	0
Asyut																						
Nag Hamadi	00	8	24	1	0	0	—	5.6	39.8	27	0	00	8	24	1	0	0	—	6.0	32.7	34	0
Qena	01	8	22	3	0	3	3	3.6	44.6	20	0											
Luxor																						
Aswan	00	9	26	1	0	0	—	3.5	45.8	12	0	00	9	00	0	0	0	—	4.3	40.0	15	0
Siwa	00	8	28	4	0	0	—	13.2	37.2	30	0	00		32	4	0	0	—	13.1	30.2	64	0
Bahariya												00	7	32	1	0	0	—	9.1	32.0	36	0
Kharga	00	9	02	1	0	0	—	—	42.9	22	0	00	9	32	3	0	0	—	—	37.0	28	0
Dakhla	00	9	28	2	0	0	—	8.8	38.6	10	0	00	8	28	1	0	0	—		33.6	19	0
Tor	00	7	28	4	0	0	—	4.6	37.5	54	0	00	7	28	2	0	0	—	6.2	31.9	59	0
Hurghada	00	8	32	4	0	0	—	3.4	37.3	34	0	00	8	28	5	0	0	—	4.0	34.9	34	0
Quseir												00	8	32	1	0	0	—	3.9	34.0	52	0
Port Sudan	00	7	06	3	0	2	8	2	43	34												
Wadi Halfa																						
Kareima	02	8	26	2	1	8	8,2	5	43	15												
Atbara	12	6	24	3	1	4	2	5	39	23												
Khartum	18	5	22	5	0	3	2	8	36	33												
Kassala	02	8	22	3	1	7	8	7	35	44												
Wad Medani	01	8	20	5	1	4	8	8	34	41												
Renk	01	9	20	2	1	5	1	13	28	70												
Roseires	02	8	18	1	1	7	6	13	28	70												
El Obeid	01	9	18	4	1	4	8	9	32	43												
El Fasher	00	8	00	0	1	1	8	—	33	38												
Geneina	02	8	00	0	1	7	9,4	—	29	25												
Kadugli	01	8	20	1	1	4	1	10	29	66												
Malakal	02	8	20	1	1	6	6,4	13	29	59												
Wau																						
Juba	02	8	24	1	1	7	6,4	13	30	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 17th (الرياح العليا يوم ١٧)

Matruh	Mariut	Port Said	Almaza	Minya	Luxor 14h 15m	Hurghada	Wadi Halfa	Kareima 13h	Khartum	Kassala 12h 45m	El Obeid 13h	Malakal 13h	Juba
					03 21 40			03 26 30		09 24 15	06 22 45	06 24 20	
					06 30 25			06 27 20		12 24 15	09 22 55	09 24 20	
					09 22 35			09 26 20			15 23 20	15 27 20	
					12 30 25			15 24 20			21 18 20		
								21 18 25			30 17 15		
								30 17 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 17th	Diff from normal	Wet bulb temp °C on 17th	Diff from normal
Alexandria	68	-7	22.7	-0.3
Ezbekiya	59	0	23.3	+0.9
Giza	56	-3	22.9	+1.1
Helwan	53	+5	22.0	+1.9

GÎZA — Grass minimum temp on 18th 16.2 °C

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

Discharges at Aswân measured by sluices m³ per sec. Date	1947	1946
16-7	1852	2199
17-7	1852	1910

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	18—7				
Nâsser				9.27	+0.13
Malakâl		11.44	+0.05	11.44	+0.07
J. Aulia Res.					
J. Aulia D.S.					
Roseires		16.18	+0.02	15.64	-0.36
Sennar Res.					
Khartûm				12.42	-0.25
Kh. el Girba					
'Atbara				11.41	-0.37
Kajnarti		133.53	-1.09	133.36	-1.14
Aswân Res.		104.94	—	105.50	—
Aswân D.S.		86.62	-0.56	86.61	-0.55
Roda (Cairo)		16.54	+0.84	16.56	+0.87

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

At 8h. on Friday 18th (الجمعة 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.	Diff from normal mbs.	Dry bulb °C	Max yesterday °C	Diff from normal	Min today °C	Diff from normal	Humidity	Rainfall mms	Rainfall mms	Rainfall mms
Salum																		99
Matruh	00	9	26	4	0	2	8	10.8	+0.8	25.8	28	0	21	0	66	0	55	161
Mariut	00	7	28	2	0	2	6	10		28	30	—	25	—	70	0	139	138
Alexandria	01	9	28	5	1	4	8	9.8	+0.2	26.4	30	0	24	+1	73	0	106	186
Damietta	00	8	32	4	1	0	—	8.2	-0.4	27.2	30	—	21	—	60	0	32	106
Port Said	00	8	20	3	0	3	8	8.6	+0.7	26.3	32	+1	23	0	72	0	27	81
El Arish																	47	94
Damanhur																	84	101
Mansura	00	8	28	2	0	0	—	9.4	+0.7	27.5	34	-1	21	0	57	0	15	55
Tanta	00	8	28	3	0	0	—	9.5	+0.2	24.6	34	-1	19	0	63	0	8	44
Zagazig																	24	27
Shebin el Kom	00	8	28	2	0	0	—	10.6	+1.2	27.8	36		20	—	63	0	9	
Almaza	01	7	28	2	0	4	8	9.7	+0.6	25.0	36	—	22	—	77	0	14	
Ezbekiya	02	7	26	1	2	5	8	9.9	+0.8	26.5	36	0	22	0	68	0	13	26
Giza	01	7	28	2	1	4	8	9.9	+0.8	27.6	35	0	20	+1	62	0	20	27
Helwan	01	7	30	2	1	3	8	10.0	+1.0	24.1	35	0	21	0	75	0	5	29
Suez	00	9	30	1	0	0	—	9.6	+1.6	28.7	38	+2	23	0	46	0	4	17
Faiyum																	8	8
Minya	00	9	32	3	1	0	—	9.8	+1.2	25.2	37	0	22	+1	65	0	dr	
Asyut																	0	4
Nag Hamadi	00	8	00	0	0	0	—	6.6	-0.5	27.6	40	—	24	—	53	0	0	
Qena																	dr	
Luxor																	dr	
Aswan	00	9	30	4	0	0	—	6.2	-0.9	32.6	47	+6	30	+4	36	0	dr	
Siwa	00	7	00	0	0	0	—	13.6	+1.9	24.8	38	0	20	-1	85	0	2	8
Bahariya	00	8	32	2	0	0	—	11.0	+1.1	24.0	36	-1	20	0	67	0	dr	7
Kharga	14	9	32	4	3	0	—	—	—	27.9	43	+3	27	+4	49	0	dr	
Dakhla	00	8	30	2	0	0	—	9.8	+1.1	30.3	39?	0	26	+3	33	0	dr	
Tor	00	7	28	6	0	0	—	5.4	-0.4	28.7	38	+4	26	+2	68	0	2	13
Hurghada	00	8	28	5	0	0	—	5.5	-0.9	31.7	40	+5	26	+2	35	0	dr	3
Quseir	00	7	32	2	0	0	—	5.1	-1.0	31.0	42	+8	30	+4	44	0	dr	4
Port Sudan																0		99
Wadi Halfa	00	7	32	4	0	0	—	5		28					32	0		
Kareima	18	6	26	5	1	4	4	6		33					38	0		7
Atbara	33	3	16	5	3	9	—	7		30					55	0		19
Khartum	01	8	18	4	2	3	4,3	9		30					55	0		47
Kassala	02	8	22	3	6	6	6,4	12		23					84	0		101
Wad Medani	01	8	16	5	1	3	1	11		27					70	0		125
Renk	01	9	20	3	1	4	1	12		27			—	—	79	—	—	238
Roseires	01	8	20	1	1	4	4	11		31					59	0		351
El Obeid	01	8	20	4	1	4	4,2	9		26					79	0		123
El Fasher	01	8	00	0	1	3	4	—	—	24					74	2		79
Geneina	02	8	20	1	1	6	6	—	—	22			—	—	—	—	—	162
Kadugli	01	8	20	2	1	4	1	12		23			—	—	84	—	—	395
Malakal	00	8	20	1	1	2	4	13		24					94	0		423
Wau	01	8	00	0	1	3	4	13		22					88	0		642
Juba	02	8	28	2	1	5	6,3	14		23					89	0		673

Upper Winds are in the Code HHDDVV where HH is Height 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 7h 15m	Abu Hamad 7h	Kareima 7h	Khartum 7h
								03 01 30	06 20 20	03 22 15	06 22 25
								06 03 50	09 22 40	06 23 35	09 23 45
								09 02 50	15 28 25	09 25 60	15 23 35
								15 35 50	21 33 25	15 27 60	21 32 15
								21 26 15		21 31 30	
										30 02 45	

Kassala 7h 15m	Port Sudan	El Obeid 7h 15m	El Fasher 7h	Geneina	Malakal
06 22 50		06 20 35	09 24 10		
09 25 30		09 21 40	15 30 10		
15 21 35		15 24 35	21 10 15		
21 16 40		21 26 25	30 08 20		
			39 07 50		
			45 07 50		

Upper Air Temp — Almaza — At — G.M.T. on — Height (feet)	P P P (mb)	T T (°F)	t t (°F)
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Cyprus Synoptic 8h on 18th
34700 00890 24400 03311 20406 xxxxx.
34800 00890 26200 03291 80701 00260.

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder ...	11
Distant Duststorm	12
...	14
... Duststorm	15
...	20-29
...	26
...	29
Duststorm	30-34
Fog or thick haze	40-41
...	80-8
...	85.8
...	88.8
Thunderstorm	90

PAST WEATHER (W)

...	0
Variable sky	1
Mainly overcast	2
Sandstorm or duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow ...	7
Shower	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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

DAILY WEATHER REPORT

Time of Sunrise 05 h. 08 m.
Sunset 18 h. 56 m.

Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h. on FRIDAY 18th. — الساعة ١٤ يوم 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 8-14 h. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	01	9	30	4	0	3	8	10.6	27.4	75	0	131
MARIUT	00	7	28	4	0	2	6	9	28	70	0	150
ALEXANDRIA	01	9	28	6	2	4	4	9.1	29.0	64	0	132
DAMIETTA	14	8	28	5	0	0	—	7.5	28.5	52	0	159
PORT SA'ÎD	14	8	30	5	3	0	—	7.6	31.1	51	0	134
EL 'ARÎSH												135
LOWER EGYPT: DAMANHÛR	00	7	24	4	0	0	—	9.0	30.5	45	0	136
MANSÛRA	00	8	30	4	0	0	—	7.8	32.0	28	0	137
TANTA	00	8	32	5	0	0	—	6.7	32.0	33	0	138
ZAGAZIG												139
SHEBÎN EL KÔM	00	8	30	4	1	1	8	8.3	34.0	30	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	28	3	1	0	—	7.2	33.4	43	0	141
CAIRO EZBEKÎYA	00	8	26	3	0	0	—	7.4	32.7	35	0	—
CAIRO GÎZA	00	8	30	3	0	0		7.8	32.7	40	0	—
HELWÂN	00	8	28	4	0	0	—	7.4	32.0	26	0	143
SUEZ	00	9	30	1	0	0	—		34.6	22	0	144
UPPER EGYPT: FAIYÛM												153
MINYA	00	9	32	4	0	0	—	7.5	34.1	22	0	154
ASYÛT												155
NAG' HAMÂDI	00	8	24	2	3	0	—	4.8	34.4	32	0	164
QENA												156
LUXOR												157
ASWÂN												158
WESTERN DESERT: SÎWA	00	8	28	3	0	0	—	13.0	34.4	45	0	148
BAHARÎYA	00	9	24	2	0	0	—	9.0	33.0	25	0	149
KHÂRGA	14	9	32	4	0	0	—		36.0	22	0	151
DAKHLA	00	9	30	3	0	0	—	6.6	35.7	24	0	152
RED SEA: TÛR	00	7	28	6	0	0	—	3.5	30.8	62	0	145
HURGHADA	00	8	32	5	0	0	—		33.9	34	0	146
QUSEIR	00	8	32	3	0	0	—	3.9	32.3	55	0	147
PORT SÛDÂN	18	4	26	5	3	4	4	1	43	38		208
NORTH SÛDÂN: WÂDI HALFA												165
KAREIMA	02	8	20	1	1	8	2	3	42	17		166
'ATBARA	05	6	22	3	3	2	8	3	39	30		167
KHARTÛM	01	8	23	4	1	4	8,1	5	37	31		209
KASSALA	02	8	18	2	1	5	4,2	7	31	59		170
CENTRAL SÛDÂN: WAD MEDANI	01	8	16	5	1	3	8	5	35	39		171
RENK	01	9	20	3	1	5	8	8	33	53		182
ROSEIRES	01	8	20	1	1	4	5	8	31	59		172
EL OBEID	02	9	22	3	1	7	8,2	5	34	36		174
EL FASHER	01	8	00	0	0	4	8,4	—	35	37		175
GENEINA	02	8	20	3	1	8	4,3	—	28			179
KADUGLI	02	8	20	2	1	5	5	9	29	59		187
S. SÛDÂN: MALAKÂL	02	8	16	2	1	6	9	11	31	55		176
WÂU	02	8	16	2	1	5	8,4	10	30	78		177
JUBA	02	8	32	2	1	6	6,8	10	30	55		173

At 20h. on 18th. — الساعة ٢٠ يوم ١٨ الجمعة

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	6	30	3	0	0	—	10.3	25.9	88	0
MARIUT	00	7	29	3	0	0	—	8	26	62	0
ALEXANDRIA	00	5	28	4	0	0	—	8.8	26.2	64	0
DAMIETTA	00	7	28	4	0	0	—	7.0	26.0	69	0
PORT SA'ÎD	14	8	26	5	3	0	—	7.6	26.0	67	0
EL 'ARÎSH	00	9	28	2	0	0	—	6.2	27.1	79	0
LOWER EGYPT: DAMANHÛR	00	7	24	3	0	0	—	8.4	25.2	72	0
MANSÛRA	00	6	24	2	0	0	—	8.0	25.6	63	0
TANTA	00	8	32	2	0	0	—	8.6	26.0	62	0
ZAGAZIG											
SHEBÎN EL KÔM	00	7	30	2	0	0	—		25.8	63	0
MIDDLE EGYPT: CAIRO ALMÂZA	00	7	29	2	0	0	—	7.8	28.8	53	0
CAIRO EZBEKÎYA	00	8	24	2	0	0	—	8.2	27.5	47	0
CAIRO GÎZA	00	8	28	2	0	0	—	8.4	26.9	41	0
HELWÂN	05	6	30	4	0	0	—	8.0	28.0	33	0
SUEZ	00	9	32	1	0	0	—	8.0	28.6	43	0
UPPER EGYPT: FAIYÛM											
MINYA	00	8	32	3	0	0	—	6.4	30.7	36	0
ASYÛT											
NAG' HAMÂDI	00	8	24	2	0	0	—	5.1	29.4	36	0
QENA											
LUXOR											
ASWÂN											
WESTERN DESERT: SÎWA											
BAHARÎYA											
KHÂRGA	00	9	28	1	0	0	—		32.5	27	0
DAKHLA											
RED SEA: TÛR	00	7	28	5	0	0	—	2.9	30.8	54	0
HURGHADA	00	8	28	4	0	0	—	3.1	30.2	39	0
QUSEIR	00	8	28	2	0	0	—	3.4	30.1	45	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 18th. — الرياح العليا يوم ١٨

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	12h. 43m.	13h. m.	h. m.	h. m.	13h. m.	h. m.	h. m.	13h. m.	13h. m.	h. m.
				03 35 10	03 32 20			03 17 05			06 24 10	06 23 15	
				06 34 20	06 31			06 24 05			09 23 15	09 24 20	
				09 34 30	09 30 20			09 26 10			15 21 20	15 25 30	
				15 33 35	12 31 40			15 31 15			21 18 30	21 26 35	
				21 34 25	15 32 06			21 02 15			24 17 30	24 28 30	
				24 33 35				24 02 15			27 15 20		
				30 33 25							30 15 20		
				33 32 20									

At 8h. on SATURDAY 19th. — الساعة ٨ يوم ١٩ السبت

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	CAR 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
MEDITERRANEAN: SALÛM													—	—				79
MATRÛH	01	9	26	4	1	4	8	9.5	-0.5	25.5	28	0	24	+3	79	0	55	161
MARIUT	00	7	26	3	0	0	—	7		28	29	—	25	—	58	0	139	138
ALEXANDRIA	00	9	28	7	0	0	—	7.0	-2.6	27.0	30	0	25	+2	59	0	106	186
DAMIETTA	01	8	20	2	1	4	8	6.3	-2.3	26.9	29	—	19	—	70	0	32	106
PORT SA'ÎD	00	7	18	3	0	0	—	6.6	-1.2	25.8	32	+1	23	0	70	0	27	81
EL 'ARÎSH	00	9	00	0	0	0	—	5.4	-3.2	28.2	31	+1	22	+2	65	0	47	94
LOWER EGYPT: DAMANHÛR	00	7	28	4	0	0	—	7.1	-1.7	28.0	31	-2	21	+1	58	0	84	101
MANSÛRA	00	8	32	1	0	0	—	6.4	-2.3	27.0	33	-2	19	-2	64	0	15	55
TANTA	01	8	32	3	1	4	8	7.2	-2.0	25.5	33	-2	18	-1	65	0	8	44
ZAGAZIG																	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	7.8	-1.6	28.3	35	—	20	—	56	0	9	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	7	26	1	0	1	6	7.4	-1.6	25.4	34	—	22	—	74	0	14	—
CAIRO EZBEKÎYA	05	6	26	2	1	1	8	7.4	-1.6	27.5	34	-2	22	0	60	0	13	26
CAIRO GÎZA	01	7	28	4	1	4	8	7.6	-1.4	27.7	33	-2	18	-1	56	0	20	27
HELWÂN	00	7	00	0	0	1	8	7.9	-1.1	24.1	33	-2	20	-1	67	0	5	29
SUEZ	00	9	32	1	0	0	—	6.8	-1.4	29.6	36	0	22	-1	44	0	4	17
UPPER EGYPT: FAIYÛM	02	8	32	1	2	5	8	7.1	-1.9	25.2	35	-2	21	0	74	0	8	8
MINYA	00	9	02	3	0	0	—	7.1	-1.5	25.3	35	-2	21	0	61	0	tr.	—
ASYÛT																	0	4
NAG' HAMÂDI	00	8	26	1	0	0	—	6.3	-0.7	27.4	35	—	22	—	39	0	0	—
QENA																	tr.	—
LUXOR												—		—			tr.	—
ASWÂN	00	9	32	3	0	0	—	6.0	-1.1	29.4	40	-1	25	-1	28	0	tr.	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	12.0	+0.3	26.0	36	-2	22	+1	92	0	2	8
BAHARÎYA																	tr.	7
KHÂRGA	00	9	32	3	0	0	—			27.0	36	-4	24	+1	47	0	tr.	—
DAKHLA																	tr.	—
RED SEA: TÛR	00	7	28	2	0	0	—	3.8	-2.0	28.7	32	-2	25	+1	67	0	2	13
HURGHÂDA	00	8	30	4	0	0	—	4.3	-2.1	27.8	35	0	25	+1	54	0	tr.	3
QUSEIR	00	8	32	2	0	0	—	4.0	-2.1	29.2	35	+1	27	0	46	0	tr.	4
PORT SÛDÂN	02	7	08	3	0	6	8,4	3		33					62			99
NORTH SÛDÂN: WÂDI HALFA	00	8	02	1	0	0	—	7		29					25			—
KAREIMA	01	8	08	2	1	4	2	7		34					25			7
'ATBARA	05	6	20	2	1	5	4	6		29					52			20
KHARTÛM	02	7	18	5	8	5	9,4	5		31					52			48
KASSALA	00	8	18	3	0	2	4	9		27					79			105
CENTRAL SÛDÂN: WAD MEDANI	00	9	20	4	0	2	1	9		28					66			129
RENK	00	7	20	3	0	0	—	9		29	—		—		70	—	—	242
ROSEIRES	01	8	20	1	1	4	5	10		26					79			357
EL OBEID	01	8	28	2	1	4	4	9		26								127
EL FÂSHER								—	—									83
GENEINA	02	8	00	0	1	5	8,4	—	—	28	—		—			—	—	168
KADUGLI	01	8	18	1	1	4	1	10		25	—		—		70	—	—	400
S. SÛDÂN: MALAKÂL	01	8	16	2	0	4	1	11		25					84			429
WÂU	02	8	18	1	6	6	4,4	12		23					84			648
JUBA																		677

UPPER WINDS ON 19th. — الرياح العليا يوم ١٩

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9h. 45m.	h. m.	h. m.	h. m.	7h. m.	7h. m.	7h. m.	7h. 15m.	6h. 30m.
			02 33 10				02 36 25	03 36 30	06 36 40	03 17 05	06 21 20
			05 35 05				05 34 30	06 35 35	09 35 40	06 13 10	09 22 35
			10 34 30				10 34 25	09 25 40	15 36 30	09 13 05	15 22 10
			15 24 30				15 27 20	15 33 45	21 01 25	15 11 05	21 02 05
			20 34 20				20 28 30	21 33 35	24 01 20	21 08 05	24 05 10
			23 33 40				25 28 10	30 28 20	27 01 10	24 12 15	27 06 10
			25 33 20				30 28 15			30 14 20	30 06 25
							40 30 20				
							50 30 10				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. m.	h. m.	7h. 15m.	7h. m.	7h. 15m.	7h. 15m.
06 22 20		06 26 20	09 28 15	09 25 15	06 22 30
09 23 30		09 24 20	15 30 35	15 27 40	09 22 35
15 26 40		15 20 35	21 33 35	21 31 20	15 23 20
21 26 40		21 17 20	24 34 30	24 01 25	21 24 15
24 29 35		24 17 15	30 04 35	30 04 35	
30 35 15		27 15 20	33 04 30	33 07 35	
		30 11 20	39 05 35	39 08 30	
		33 10 20	45 07 00		
			60 09 35		

UPPER AIR TEMP — ALMÂZA — AT G.M.T. ON

HEIGHT FEET	P.P.P. mb	T.T. °C	t.t. °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 19th.

34700 00990 16100 03291 80300 00190
34800 00990 26200 03311 80803 00220

Remarks

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

STATION	Mean of day: HUMIDITY % on 18th.	Diff from normal	WET BULB TEMP °C on 18th.	Diff from normal	Previous day: Reading	Diff. from normal
Alexandria	67	-8	22.8	-0.3		
Ezbekîya	55	-4	21.4	-1.0		
Gîza	48	-11	21.3	-0.5		
Helwân	51	+3	19.5	-0.7		

GÎZA — GRASS MINIMUM TEMP ON 19th. 13.6 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	19th.				
Nâsser					
Malakâl				11.44	+0.05
J. Aulia Res.					
J. Aulia D.S					
Roseires				16.18	+0.02
Sennar Res.					
Khartûm					
Kh. el Girba					
'Atbara					
Kajnarti				133.53	-1.09
Aswân Res.		104.46	—	100.94	—
Aswân D.S		86.62	-0.59	86.62	-0.56
Roda (Cairo)		16.34	+0.83	16.54	+0.84

Discharges at Aswân measured by sluices m³ per sec	DATE	1947	1946
	19th.	1852	2546
	18th.	1852	2144

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

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

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

DAILY WEATHER REPORT

Time of Sunrise 05 h. 06 m.
Sunset 18 h. 56 m.

Month JULY 1947 — شهر جولية ١٩٤٧

At 14h. on Saturday 19th — الساعة ١٤ يوم ١٩/٧

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH												131
MARIUT												150
ALEXANDRIA	00	9	28	7	0	0	–	6.8	29.2	57	0	132
DAMIETTA	00	8	28	3	1	0	–	5.9	28.7	66	0	159
PORT SA'ÎD	00	8	30	4	0	0	–	5.8	31.1	59	0	134
EL 'ARÎSH	00	9	30	3	0	0	–	5.8	28.8	64	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	3	0	0	–	7.1	30.0	57	0	136
MANSÛRA	01	8	32	2	1	3	8	5.6	32.0	45	0	137
TANTA	00	8	28	3	1	0	–	5.6	32.0	49	0	138
ZAGAZIG												139
SHEBÎN EL KÔM	00	8	30	4	0	0	–	6.0	33.8	40	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	28	2	0	1	8	5.0	33.8	49	0	141
CAIRO EZBEKÎYA	00	8	28	3	0	0	–	5.4	32.8	42	0	—
CAIRO GÎZA	00	8	28	3	0	0	–	6.2	33.2	38	0	—
HELWÂN	00	8	26	4	0	0	–	5.5	32.0	33	0	143
SUEZ												144
UPPER EGYPT												
FAIYÛM												153
MINYA	00	9	30	4	0	0	–	6.2	33.2	32	0	154
ASYÛT												155
NAG' HAMÂDI	00	8	00	0	0	0	–	5.2	34.3	36	0	164
QENA												156
LUXOR												157
ASWÂN	00	9	28	3	0	0	–	3.9	36.0	17	0	158
WESTERN DESERT												
SÎWA	00	8	28	4	0	0	–	10.8	35.0	46	0	148
BAHARÎYA												149
KHÂRGA	00	9	30	2	0	0	–	–	34.2	26	0	151
DAKHLA												152
RED SEA												
TÔR	00	7	28	3	0	0	–	1.9	–	–	0	145
HURGHÂDA	00	8	32	4	0	0	–	2.4	31.9	50	0	146
QUSEIR												147
PORT SÛDÂN	11	7	06	4	1	4	9	1	37	51		208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA	00	8	32	2	1	0	–	4	40	11		166
'ATBARA	01	7	22	3	1	4	4	2	39	18		167
KHARTÛM	01	7	26	3	1	4	1	3	38	27		209
KASSALA	01	8	26	3	1	4	8,1	2	36	44		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	20	4	0	5	8	4	37	33		171
RENK	01	9	20	2	1	5	8	6	33	56		182
ROSEIRES	01	7	24	1	1	4	5	7	32	59		172
EL OBEID	02	9	18	4	1	5	8,4	3	36	37		174
EL FÂSHER	02	7	32	3	1	6	8,1	—	36	33	—	175
GENEINA								—			—	179
KADUGLI												187
S. SÛDÂN												
MALAKÂL	01	8	18	3	2	3	8,4	7	32	55		176
WÂU												177
JUBA	02	8	20	2	8	8	9,4	11	27	70		173

At 20h. on 19th — الساعة ٢٠ يوم السبت ١٩

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	28	3	0	3	8	8.7	25.9	86	0	131
MARIUT												150
ALEXANDRIA	00	5	28	5	0	0	–	7.2	26.0	73	0	132
DAMIETTA	00	7	28	3	1	3	8	5.4	25.5	85	0	159
PORT SA'ÎD	00	8	26	4	0	1	2	5.4	26.0	79	0	134
EL 'ARÎSH	00	9	28	2	0	0	–	5.4	25.7	84	0	135
LOWER EGYPT												
DAMANHÛR	00	7	32	3	0	0	–	7.0	25.0	76	0	136
MANSÛRA	00	6	28	2	1	0	–	6.3	26.4	72	0	137
TANTA	00	8	00	0	0	0	–	5.9	26.0	76	0	138
ZAGAZIG												139
SHEBÎN EL KÔM	00	8	30	2	0	0	–	7.1	26.2	62	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	28	2	0	0	–	5.8	29.0	67	0	141
CAIRO EZBEKÎYA	00	8	28	3	0	0	–	6.0	27.8	58	0	—
CAIRO GÎZA	00	8	30	3	0	0	–	6.7	26.7	59	0	—
HELWÂN	00	7	30	4	0	0	–	5.5	28.2	44	0	143
SUEZ	00	9	32	1	0	0	–	4.4	30.9	41	0	144
UPPER EGYPT												
FAIYÛM												153
MINYA	00	8	32	2	0	0	–	6.8	30.4	37	0	154
ASYÛT												155
NAG' HAMÂDI	00	8	00	0	0	0	–	5.6	26.7	37	0	164
QENA												156
LUXOR												157
ASWÂN	00	9	32	1	0	0	–	3.2	34.0	18	0	158
WESTERN DESERT												
SÎWA	00	7	32	3	0	0	–	9.9	31.2	60	0	148
BAHARÎYA	00	7	32	1	0	0	–	6.7	30.5	29	0	149
KHÂRGA	00	9	30	1	0	0	–	–	32.2	30	0	151
DAKHLA	00	8	28	1	0	0	–	5.1	30.9	23	0	152
RED SEA												
TÔR	00	7	28	3	0	0	–	2.2	32.8	52	0	145
HURGHÂDA	00	8	28	3	0	0	–	2.0	28.2	42	0	146
QUSEIR	00	8	32	2	0	0	–	2.8	28.0	69	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 13h. m.	KHARTÛM 14h. m.	KASSALA 13h. m.	EL OBE'D 13h.30m.	MALAKAL 13h. m.	JUBA 13h.15m.
								03 02 10	09 28 15	06 19 15	06 23 15	06 22 10	06 26 20
								06 36 10	15 28 20	09 21 10	09 23 25	09 23 20	09 26 20
								09 34 20	21 30 05	15 22 15	15 25 15	15 24 20	15 25 30
								15 32 20	30 03 05	21 23 20	21 26 20		21 27 20
								21 31 30	39 01 15	30 29 15	30 33 05		33 25 15
								30 28 25	45 05 15				39 19 10
													45 21 05

At 8h. on Sunday 20th — الساعة ٨ يوم الأحد ٢٠

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temp. Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Rainfall Total From Oct 1 mms	Rainfall Norm. From Oct 1 mms
MEDITERRANEAN																		
SALÛM											—		—					99
MATRÛH	00	9	30	3	0	0	–	8.4	-1.6	26.8	28	0	25	+4	78	0	55	161
MARIUT	00	7	30	3	0	0	–	6		27		—	24	—	79	0	139	138
ALEXANDRIA	01	9	28	4	1	4	4	7.0	-2.6	27.0	30	0	24	+1	75	0	106	186
DAMIETTA	01	8	26	2	1	4	8	6.0	-2.5	27.2	30	—	20	—	74	0	32	106
PORT SA'ÎD	02	8	04	1	2	5	8	6.3	-1.5	26.2	32	+1	24	+1	75	0	27	81
EL 'ARÎSH	00	9	00	0	0	0	–	6.4	-2.2	29.4	29	-1	22	+2	65	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	24	2	0	0	–	7.1	-1.7	28.0	31	-2	20	0	69	0	84	101
MANSÛRA	01	8	24	2	1	4	8	6.7	-2.0	26.8	33	-2	21	0	71	0	15	55
TANTA	00	8	00	0	0	0	–	7.1	-2.1	26.0	33	-2	20	+1	71	0	8	44
ZAGAZIG																	24	27
SHEBÎN EL KÔM	01	8	30	2	1	4	8	6.0	-3.3	29.2	35	—	22	—	58	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	26	1	1	4	6	7.2	-1.8	26.3	34	—	20	—	63	0	14	—
CAIRO EZBEKÎYA	01	7	26	2	2	4	6	6.6	-2.4	26.9	34	-2	23	+1	63	0	13	26
CAIRO GÎZA	01	7	28	1	1	5	8	7.1	-1.9	25.9	34	-1	22	+3	67	0	20	27
HELWÂN	01	7	30	2	1	4	8	7.0	-2.0	24.7	33	-2	22	+1	66	0	5	29
SUEZ	00	9	02	1	0	0	–	6.3	-1.9	29.4	37	+1	24	+1	51	0	4	17
UPPER EGYPT																		
FAIYÛM																	8	8
MINYA	00	9	02	3	0	0	–	7.1	-1.5	25.7	34	-3	21	0	70	0	dr	—
ASYÛT																	0	4
NAG' HAMÂDI	00	8	24	1	0	0	–	4.8	-2.2	27.7	34	—	20	—	57	0	0	—
QENA	00	7	22	2	0	0	–	4.8	-1.9	32.6	40	0	24	0	43	0	dr	—
LUXOR											—		—				dr	—
ASWÂN	00	9	00	0	0	0	–	5.5	-1.5	28.8	38	-3	25	-1	39	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	28	1	0	0	–	10.7	-1.0	24.2	37	-1	20	-1	90	0	2	8
BAHARÎYA	00	8	32	1	0	0	–	7.8	-2.1	23.0	35	-2	19	-1	66	0	dr	7
KHÂRGA	00	9	30	2	0	0	–	–	–	26.6	35	-5	25	+2	53	0	dr	—
DAKHLA	00	8	28	2	0	0	–	8.0	-0.6	28.4	35	-4	21	-2	35	0	dr	—
RED SEA																		
TÔR	00	7	28	2	0	0	–	4.3	-1.5	28.7	32	-2	24	0	67	0	2	13
HURGHÂDA	00	8	28	4	0	0	–	4.6	-1.8	29.3	32	-3	24	-1	68	0	dr	3
QUSEIR	00	8	32	3	0	0	–	4.0	-2.0	30.8	32	-2	24	-3	53	0	dr	4
PORT SÛDÂN	00	8	04	1	1	0	–	8		32					89	0		100
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	–	7		29					23			—
KAREIMA	01	8	06	1	1	4	1	7		30					22			7
'ATBARA	02	7	18	4	0	5	4	7		29					48			21
KHARTÛM	01	8	14	5	1	4	4,5	–		–					–			50
KASSALA	01	8	18	2	1	5	4	7		27					74			108
CENTRAL SÛDÂN																		
WAD MEDANI	02	7	18	2	1	8	5	10		22					94			134
RENK											—		—			—	—	246
ROSEIRES																		362
EL OBEID	62	9	12	3	1	8	6,4	11		22					83			130
EL FÂSHER								—	—							1		87
GENEINA								—	—		—		—			—	—	174
KADUGLI	01	8	28	1	–	–	4	–		–	—		—		–	—	—	405
S. SÛDÂN																		
MALAKÂL	02	8	16	3	1	8	6,4	11		24					94			435
WÂU																		654
JUBA	02	8	14	1	1	5	4,1	13		22					94			680

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9h 45m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h 15	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM h. m.
			02 35 20				02 35 10	03 35 10	06 08 05	03 08 05	
			05 36 10				05 35 15	06 35 20	09 08 10	06 05 25	
			08 23 05				10 13 05	09 35 15	15 05 15	09 05 20	
			10 01 05				15 24 05	15 28 10	21 17 10	12 10 15	
			15 11 15				20 33 02	30 04 05	30 20 25	21 09 05	
			20 05 15				25 15 05	39 35 15	39 21 30		
			23 04 10				30 13 05	45 28 10	45 25 40		
			25 05 05				35 15 10	60 02 10	57 26 30		
			29 24 05				40 18 10	72 03 15			

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
06 19 25	03 32 05				
09 20 30	06 33 05				
15 20 10	09 36 10				
21 20 15	15 36 20				
30 10 15	21 04 20				
39 11 15	30 08 40				

CYPRUS SYNOPTIC 8h ON 20th

UPPER AIR TEMP. ALMÂZA — AT GMT ON

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

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	20-7	1852	2893
	19-7	1852	2546

STATION	Mean of day: Humidity % on 19th	Humidity Diff from normal	Wet Bulb Temp °C on 19th	Wet Bulb Temp Diff from normal
Alexandria	64	-11	22.3	-0.8
Ezbekîya	56	-3	22.4	0.0
Gîza	52	-7	22.0	+0.1
Helwân	35	+5	20.4	+0.2
GÎZA	GRASS MINIMUM TEMP. ON 20th 17.6 °C			
CAIRO	WATER TEMP. AT 9h. RIVER NILE ON ..... °C			

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day: Reading m.	Previous day: Diff from normal m.
Jûba					
Nâsser					
Malakâl				11.45	+0.05
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.80	-0.71	16.04	-0.30
Sennar Res.					
Khartûm				12.10	-0.68
Kh. el Girba					
'Atbara				11.73	-0.21
Kajnarti					
Aswân Res.		103.95	–	104.46	–
Aswân D.S		86.61	-0.62	86.6[illegible]	-0.59
Roda (Cairo)		16.54	+0.82	16.54	+0.83

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 1417 F.C.

DAILY WEATHER REPORT

Time of Sunrise 05 h 07 m / 18 55

Month JULY 1947 شهر يوليه ١٩٤٧

SUNDAY 20th

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

Station	14h Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs PPP	Temp °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs PPP	Temp °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	00	9	26	3	0	0	—	9.1	28.6	85	0	00	8	30	3	0	0	—	9.4	26.2	85	0	131
MARIUT	00	7	29	4	0	0	—	7	29	74	0	00	7	29	2	0	1	6	7	25	94	0	150
ALEXANDRIA	00	9	24	4	0	0	—	7.0	29.0	71	0	01	6	28	2	1	4	8	7.8	26.0	84	0	132
DAMIETTA	00	8	28	2	1	0	—	5.9	30.8	64	0	00	7	28	2	0	0	—	6.6	26.5	85	0	159
PORT SA'ÎD	00	9	28	3	0	0	—	5.9	29.3	62	0	00	8	32	1	0	0	—	6.7	26.7	83	0	134
EL 'ARÎSH												40	9	32	1	0	0	—	6.4	25.1	96	0	135
Lower Egypt																							
DAMANHÛR	00	7	24	3	0	0	—	7.6	33.0	50	0	00	7	24	2	0	0	—	7.5	25.5	85	0	136
MANSÛRA	00	8	04	2	1	0	—	5.8	34.8	42	0	00	6	02	2	0	0	—	7.1	27.6	71	0	137
TANTA	00	8	00	0	0	0	—	6.0	34.6	38	0	00	8	00	0	0	0	—	6.8	28.2	77	0	138
ZAGAZIG																							139
SHEBÎN EL KÔM	00	8	28	3	0	0	—	6.4	37.2	28	0	00	7	30	2	0	0	—	7.6	28.0	67	0	—
Middle Egypt																							
CAIRO ALMÂZA	00	8	30	1	0	0	—	5.2	34.2	36	0	00	7	02	1	0	0	—	5.9	32.8	37	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	5.8	33.5	41	0	00	7	02	1	0	0	—	6.0	30.6	49	0	—
CAIRO GÎZA	00	8	28	2	0	0	—	5.8	34.8	36	0	00	8	00	0	0	0	—	6.3	31.3	43	0	—
HELWÂN	00	7	26	2	0	0	—	5.0	33.3	34	0	00	7	32	2	0	0	—	5.9	32.1	28	0	143
SUEZ																							144
Upper Egypt																							
FAIYÛM	00	8	32	1	0	0	—	5.1	34.0	41	0	00	8	00	0	0	0	—	5.2	30.2	53	0	153
MINYA	00	9	02	3	0	0	—	6.2	33.8	28	0	00	8	30	1	0	0	—	6.4	31.2	40	0	154
ASYÛT																							155
NAG' HAMÂDI																							164
QENA	00	8	22	2	0	0	—	3.4	38.4	24	0	00	6	24	2	0	0	—	3.9	31.2	35	0	156
LUXOR																							157
ASWÂN	00	9	00	0	0	0	—	4.2	37.8	24	0	00	9	00	0	0	0	—	5.1	35.0	24	0	158
Western Desert																							
SÎWA	00	8	04	2	0	0	—	8.3	35.8	21	0	00	—	32	2	0	0	—	10.8	30.0	38	0	148
BAHARÎYA	00	9	28	2	0	0	—	6.4	34.0	27	0	00	7	32	1	0	0	—	6.6	32.0	21	0	149
KHÂRGA	00	9	28	1	0	0	—	—	35.8	26	0	00	9	00	0	0	0	—		32.3	32	0	151
DÂKHLA	00	9	28	1	0	0	—	6.7	34.8	20	0	00	8	00	0	0	0	—	5.1	31.6	21	0	152
Red Sea																							
TÔR	00	7	28	3	0	0	—	5.0	29.9	65	0	00	7	28	1	0	0	—	4.6	32.6	59	0	145
HURGHÂDA	00	8	02	3	0	0	—	4.2	31.6	47	0	00	8	00	0	0	0	—	4.3	28.3	43	0	146
QUSEIR	00	8	02	2	0	0	—	4.7	29.8	75	0	00	8	04	1	0	0	—	5.0	27.3	89	0	147
PORT SÛDÂN	00	8	08	4	0	3	4	2	37	40													208
North Sûdân																							
WÂDI HALFA																							165
KAREIMA	00	8	24	5	1	0	—	5	39	07													166
'ATBARA	01	7	16	3	1	3	8,4	3	38	24													167
KHARTÛM								6	34	36													209
KASSALA	01	8	20	2	1	5	8,1	5	35	44													170
Central Sûdân																							
WAD MEDANI	02	9	16	4	1	7	8	8	31	49													171
RENK																							182
ROSEIRES	01	8	20	2	1	4	4	10	27	70													172
EL OBEID	02	9	16	4	1	7	4,2	9	37	29													174
EL FÂSHER	01	8	02	3	1	4	8	—	35	23								—					175
GENEINA	01	8	24	2	1	4	8,4	—	32	55								—					179
KADUGLI	02	8	20	1	2	7	4																187
S. Sûdân																							
MALAKAL	02	8	20	3	1	8	8,4	9	30	62													176
WAU																							177
JUBA	01	8	16	1	1	4	8,4	9	31	52													[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 20th

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h m	12 h 45 m	13 h	h m	h m	13 h	h m	h m	13 h	13 h	h m	h m	13 h	13 h
	03 32 00	03 27 10			03 23 05			03 19 05	06 21 20			06 21 15	06 25 15
	06 35 05	06 36 05			06 24 05			06 20 15	09 22 20			09 22 15	09 25 15
	09 03 20	09 16 15			09 27 05			09 22 15	15 24 20			15 23 15	15 24 15
	12 04 20	12 08 10			12 01 05			15 24 20	21 16 20				21 25 30
	15 10 35	15 08 15						21 25 30	30 05 20				
	18 07 20								39 04 20				
									45 05 20				

Remarks

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

Station	Mean of day Humidity % on 20th	Diff from normal	Wet bulb temp °C on 20th	Diff from normal
Alexandria	78	+3	24.2	+1.1
Ezbekiya	53	−6	22.8	+0.4
Gîza	51	−9	22.5	+0.5
Helwân	44	−5	20.9	+0.6

GÎZA — Grass minimum temp on 21st 18.9 °C

CAIRO — Water temp River Nile at 9h on ... °C

Discharges at Aswân measured by sluices m³ per sec	Date	1947	1946
	21st	1852	2893
	20th	1852	2893

Gauge	Date 1947	Reading m	Diff from normal m	Previous day Reading m	Diff from normal
Jûba	21st				
Nasser				8.35	−0.88
Malakal		11.47	+0.05	11.46	+0.05
J. Aulia Res				373.63	—
J. Aulia D.S				371.30	−1.40
Roseires		15.82	−0.84	15.80	−0.71
Sennar Res					
Khartûm		12.08	−0.89	12.08	−0.78
Kh. el Girba					
'Atbara		11.66	−0.45	11.73	−0.29
Kajnarti					
Aswân Res.		103.45	—	103.95	—
Aswân D.S		86.61	−0.66	86.61	−0.62
Roda (Cairo)		16.54	+0.81	16.54	+0.82

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

MONDAY 21st

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

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs	Diff from normal mbs	Temp Dry Bulb °C	Max Yesterday °C	Diff from norm °C	Min Today °C	Diff from norm °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Mediterranean																		
SALÛM												—		—				99
MATRÛH	00	9	26	3	0	0	—	10.6	+0.6	25.9	29	+1	22	+1	83	0	55	161
MARIUT	00	7	26	2	0	1	6	9		28	29	—	23	—	70	0	139	138
ALEXANDRIA	00	9	32	2	0	0	—	9.8	+0.2	27.0	31	+1	24	+1	75	0	106	186
DAMIETTA	00	7	20	2	4	2	8	8.8	+0.3	25.7	32	—	20	—	89	0	32	106
PORT SA'ÎD	00	8	30	2	0	0	—	9.2	+1.4	27.5	32	+1	23	0	80	0	27	81
EL 'ARÎSH	40	3	00	0	4	0	—	8.7	+0.1	25.6	31	+1	21	0	88	0	47	94
Lower Egypt																		
DAMANHÛR	01	7	24	3	1	3	8	9.1	+0.3	23.5	33	0	21	+1	91	0	84	101
MANSÛRA	00	8	04	1	0	0	—	9.5	+0.9	27.0	37	+2	23	+2	72	0	15	55
TANTA	00	8	00	0	0	0	—	9.5	+0.3	27.0	36	+1	21	+2	73	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	9.9	+0.6	31.4	35	0	22	+2	56	0	24	27
SHEBÎN EL KÔM	00	8	22	2	0	0	—	9.8	+0.5	29.2	38	—	23	—	58	0	9	
Middle Egypt																		
CAIRO ALMAZA	01	7	00	0	0	3	6	9.4	+0.4	26.2	37	—	23	—	74	0	14	—
CAIRO EZBEKÎYA	05	7	28	1	4	1	8	9.6	+0.6	27.2	37	+1	24	+2	71	0	13	26
CAIRO GÎZA	00	7	00	0	0	0	—	9.5	+0.6	26.9	36	+1	22	+3	72	0	20	27
HELWÂN	05	6	00	0	0	0	—	9.5	+0.5	25.9	35	0	22	+1	72	0	5	29
SUEZ																	4	17
Upper Egypt																		
FAIYÛM	00	8	32	1	0	0	—	9.4	+0.4	27.0	37	0	23	+2	60	0	8	8
MINYA	00	9	30	1	0	0	—	9.4	+0.8	27.4	35	−2	23	+2	70	0	dr.	—
ASYÛT																	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.6	+1.6	28.8	36	—	20	—	44	0	0	—
QENA	00	7	22	2	0	0	—	9.1	+2.4	34.0	40	0	24	0	31	0	dr.	—
LUXOR	00	9	28	2	0	0	—	7.6	+1.0	32.0	40	−1	23	0	33	0	dr.	—
ASWÂN	00	9	00	0	0	0	—	8.6	+1.6	28.4	40	−1	25	−1	38	0	dr.	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	12.0	+0.4	27.5	38	0	21	0	74	0	2	8
BAHARÎYA	00	8	32	2	0	0	—	10.4	+0.5	2	36	−1	21	+1	67	0	dr.	7
KHÂRGA	00	9	00	0	0	0	—			21	37	−3	19	−4	42	0	dr.	—
DÂKHLA	00	8	00	0	0	0	—	10.0	+1.4	28 6	36	−3	21	−2	38	0	dr.	—
Red Sea																		
TÔR	00	7	12	1	0	0	—	8.3	+2.5	29.3	33	−1	24	0	69	0	2	13
HURGHÂDA	00	8	30	3	0	0	—	7.0	+0.6	30.6	33	−2	26	+1	45	0	dr.	3
QUSEIR	00	8	02	1	0	0	—	7.6	+1.6	28.6	32	−2	24	−3	85	0	dr.	4
PORT SÛDÂN	00	8	00	0	0	0	—	7		34					41	0	154	100
North Sûdân																		
WÂDI HALFA																0	tr.	—
KAREIMA	01	8	20	2	1	4	4	10		29					20	0	1	8
'ATBARA	02	7	24	3	1	6	5	10		29					48	0	tr.	21
KHARTÛM	02	8	18	3	2	6	4,5	11		26					70	0	14	52
KASSALA	02	8	18	2	1	8	4,5	12		26					84	1	37	111
Central Sûdân																		
WAD MEDANI	02	9	16	4	8	7	5	12		24					84	dr.	122	139
RENK	66	0	20	2	6	8	9			24		—		—	94	Rain	—	250
ROSEIRES																2	412	368
EL OBEID	25	9	18	4	8	6	4,4	12		23					78	1	187	134
EL FÂSHER								—	—							0	57	91
GENEINA								—	—			—		—		—	—	180
KADUGLI	02	8	12	1	2	6	4	12		22		—		—	83	—	—	410
S. Sûdân																		
MALAKAL																1	414	441
WAU	62	8	00	0	6	8	6	13		22					94	14	750	660
JUBA	02	8	14	1	1	8	4,5	15		23					100	9	836	684

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

UPPER WINDS ON 21st

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA A.B.	HAMAD	KAREIMA	KHARTÛM
h m	h m	h m	8 h 45 m	h m	h m	h m	7 h	h m	h m	7	6
			02 33 10				02 33 05			09 17 10	09 20 40
			05 36 15				05 35 20			15 17 10	15 17 20
			10 12 10				10 31 10			21 14 05	21 07 15
			15 14 05				15 20 02			24 12 05	27 04 25
			20 25 35				20 20 05			30 13 05	30 05 35
			25 22 40				25 20 30			39 05 05	36 06 20
			30 19 45				30 21 45				
							40 21 20				
							50 23 10				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h m	6 h 45 m	7 h 15 m	h m	h m	h m
	09 25 20	09 18 35			
	15 27 35	15 22 40			
	21 26 35				
	27 30 30				
	30 12 05				

Upper Air Temp — Almaza — at ... G.M.T. on ...

Height feet	PPP mb		
Surface			
500			
1000			
1500			
2000			
3000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Cirrus Synoptic 8h on 21st

34700 00990 06200 07311 10300 00190

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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

Month **JULY** 1947 — ١٩٤٧ شهر يوليه

Time of ... 13h 57m / 18h 55m

At 14h on Monday 21st (الساعة ١٤ يوم الاثنين ٢١/٧) and At 20h on 21st

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	30	3	0	0	—	11.9	27.9	91	0	00	8	26	2	0	0	—	11.5	26.7	85	0	131
Mariut	00	7	26	4	0	0	—	10	30	62	0	00	7	28	2	0	1	1	10	26	74	0	150
Alexandria	00	9	28	4	0	0	—	9.9	29.0	64	0	00	6	28	3	0	0	—	10.6	26.2	75	0	132
Damietta	00	8	30	3	1	2	8	8.4	31.0	70	0	00	7	28	3	1	0	—	8.8	26.0	83	0	159
Port Said	00	8	02	1	0	0	—	9.1	31.9	59	0	00	8	32	1	0	0	—	9.6	27.0		0	134
El Arish	00	9	28	2	0	0	—	8.6	31.2	56	0	00	9	00	0	0	0	—	8.0	28.2	65	0	135
Lower Egypt																							
Damanhur	00	7	32	2	1	0	—	9.4	34.0	41	0	00	7	32	3	0	0	—	10.3	25.7	77	0	136
Mansura	00	8	12	2	0	0	—	8.8	35.0	40	0	00	6	32	2	0	0	—	9.6	28.6	65	0	137
Tanta												00	8	00	0	0	0	—	8.7	26.5	69	0	138
Zagazig	00	6	32	2	0	0	—	8.3	34.4	60	0	00	6	32	2	0	0	—	8.4	25.4	65	0	139
Shebin el Kom	00	8	28	2	0	0	—	9.1	37.0	25	0	00	7	30	1	0	0	—	9.6	29.8	55	0	—
Middle Egypt																							
Cairo Almaza	00	8	28	1	0	0	—	8.3	36.8	24	0	00	7	28	3	0	0	—	8.8	32.2	43	0	141
Cairo Ezbekiya	00	8	26	1	0	0	—	8.6	36.0	28	0	00	7	28	1	0	0	—	9.1	31.0	45	0	—
Cairo Giza	00	8	28	2	0	0	—	8.8	36.8	29	0	00	7	28	3	0	0	—	9.9	30.2	45	0	—
Helwan	00	8	00	0	0	0	—	8.6	35.8	20	0												143
Suez	00	9	00	0	0	0	—		38.2	23	0	00	9	02	1	0	0	—		30.5	48	0	144
Upper Egypt																							
Faiyum	00	8	00	0	0	0	—	8.7	36.0	21	0	00	8	00	0	0	0	—	8.6	31.2	38	0	153
Minya	00	9	32	2	0	0	—	9.4	36.8	27	0	00	8	32	1	0	0	—	9.0	32.3	31	0	154
Asyut												00	6	22	1	0	0	—	8.4	32.4	27	0	155
Nag Hamadi												00	8	00	0	0	0	—	7.8	28.0	56	0	164
Qena	00	8	22	2	0	0	—	6.7	41.2	21	0	00	6	24	2	0	0	—	7.0	31.0	37	0	156
Luxor	00	9	22	2	0	0	—	7.1	40.5	14	0	00	8	18	2	0	0	—	7.5	35.0	22	0	157
Aswan	00	9	20	2	0	0	—	7.1	38.3	28	0	00	9	32	1	0	0	—	7.9	36.0	25	0	158
Western Desert																							
Siwa	00	8	00	0	0	0	—	11.6	38.0	31	0	00		00	0	0	0	—	11.5	31.2	60	0	148
Bahariya	00	8	32	1	0	0	—	7.4	36.0	17	0	00	7	00	0	0	0	—	7.9	31.0	27	0	149
Kharga	00	9	28	1	0	0	—		38.0	24	0	00	9	00	0	0	0	—	—	34.6	28	0	151
Dakhla	00	9	28	1	0	0	—	7.8	38.6	18	0	00	8	00	0	0	0	—	5.0	32.8	21	0	157
Red Sea																							
Tor	00	7	12	1	0	0	—	8.8	30.5	71	0	00	7	28	1	0	0	—	8.0	31.5	63	0	145
Hurghada	00	8	04	3	0	0	—	7.4	31.9	16	0	00	8	12	2	0	0	—	6.8	28.9	45	0	146
Quseir	00	8	02	1	0	0	—	7.8	30.7	71	0	00	8	06	1	0	0	—	7.2	29.8	67	0	147
Port Sudan	00	8	10	4	0	3	8,5	5	38	51	0												168
North Sudan																							
Wadi Halfa																							165
Kareima	01	8	24	1	1	4	4	7	39	13													166
Atbara	01	7	20	3	1	4	8,4	7	37	27													167
Khartum	01	8	20	3	1	5	9	9	34	34													169
Kassala	02	8	24	3	1	5	8,4	8	34	47													170
Central Sudan																							
Wad Medani	25	8	16	5	5	5	8	9	32	43													171
Renk	01	9	20	3	1	5	1	11	30	70													152
Roseires	01	8	18	1	1	4	4	11	30	59													172
El Obeid	01	9	18	4	1	4	8,2	8	31	41													174
El Fasher	02	8	16	2	1	8	8	—	29	66													175
Geneina	01	8	00	0	0	4	8	—	31	49													173
Kadugli	02	8	20	1	2	6	4	11	27	70													197
South Sudan																							
Malakal																							176
Wau	02	8	12	2	6	7	8,4	10	27	70													177
Juba	02	8	02	2	2	8	6,4	12	[illegible]	79													

Upper Winds are in the Code HHDDVV where HH is Height 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

Kareima 13h	Khartum 13h 15m	Kassala 13h	El Obeid 13h 30m	Malakal 13h 30m	Juba 13h 45m
03 13 05	06 22 10	06 20 15	06 21 10	06 19 10	06 07 15
06 20 10	09 21 10	09 20 20	09 21 20	09 22 10	09 06 15
09 17 05	15 19 15	15 21 35	15 23 20	15 23 15	
15 13 05	18 16 20	21 22 35	21 25 15	21 24 30	
21 17 05		24 20 35	24 25 15	24 24 30	
24 19 15		33 06 20	27 20 10		
30 17 45		36 11 15	30 17 10		
33 17 30			33 13 10		
39 17 35					

(Matruh, Mariut, Port Said, Almaza, Minya, Luxor, Hurghada, Wadi Halfa: no entries.)

Remarks

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

Station	Mean of day: Humidity 21st	Diff from normal	Wet bulb temp 21st	Diff from normal
Alexandria	73	-2	23.6	+0.5
Ezbekiya	55	-4	23.0	+0.6
Giza	55	-5	22.9	+0.9
Helwan	46	-3	21.1	+0.8

GÎZA — Grass minimum temp on 22nd 16.1 °C

CAIRO — Water temp River Nile at 9h on ... °C

Discharges at Aswan measured by sluices m³ per sec	Date	1947	1946
	22-7	1910	2893
	21-7	1852	2893

Gauge	Date 1947	Reading m	Diff from normal m	Previous year Reading m	Diff from normal
Juba	22—7			13.64	+0.03
Nasser					
Malakal				11.47	+0.05
J. Aulia Res				373.82	—
J. Aulia D S				371.36	-1.42
Roseires		16.60	-0.22	15.82	-0.84
Sennar Res				15.36	—
Khartum				12.08	-0.89
Kh. el Girba					
Atbara		11.70	-0.50	11.66	-0.45
Kajnarti		134.02	-1.31	133.85	-1.26
Aswan Res		102.95	—	103.45	—
Aswan D S		86.70	-0.61	86.61	-0.66
Roda (Cairo)		16.56	+0.82	16.54	+0.81

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

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

Station	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs	Diff from normal mbs	Dry bulb °C	Max yesterday °C	Diff from normal °C	Min today °C	Diff from normal °C	Humidity %	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Mediterranean																		
Salum												—		—				99
Matruh	00	9	26	2	0	1	8	12.0	+2.0	26.0	29	+1	21	-1	82	0	55	161
Mariut	00	7	26	3	0	0	—	10		28	30	—	25	—	66	0	139	138
Alexandria	00	9	28	4	0	0	—	10.2	+0.6	27.0	31	+1	25	+2	72	0	106	186
Damietta	00	8	28	3	1	2	8	9.5	+1.0	26.6	34	—	22	—	74	0	32	106
Port Said	00	8	26	1	0	1	2	9.6	+1.8	27.0	33	+2	24	0	73	0	27	81
El Arish	33	9	00	0	0	0	—	9.2	+0.6	26.8	33	+3	23	+2	72	0	47	94
Lower Egypt																		
Damanhur	00	7	28	3	0	0	—	10.3	+1.5	26.5	35	+2	21	+1	77	0	84	101
Mansura	02	8	32	2	2	5	8	9.8	+1.2	26.5	37	+2	23	+2	74	0	15	55
Tanta	00	8	00	0	0	0	—	10.0	+0.8	26.3	38	+3	20	+1	75	0	8	44
Zagazig	00	6	32	2	0	0	—	9.9	+0.7	28.4	37	+2	22	+2	76	0	24	27
Shebin el Kom	01	8	30	2	1	3	8	10.6	+1.3	29.0	39	—	22	—	63	0	9	—
Middle Egypt																		
Cairo Almaza	02	7	29	1	2	5	6	11		25	38	—	26	—	84	0	14	—
Cairo Ezbekiya	05	6	24	1	1	1	8	10.6	+1.6	26.7	38	+2	23	+1	70	0	13	26
Cairo Giza	00	7	28	1	0	0	—	10.6	+1.7	28.2	38	+3	20	+1	62	0	20	27
Helwan	00	7	00	0	5	[illegible]	—	10.8	+1.9	24.7	38	+3	22	+1	78	0	5	29
Suez	00	9	02	1	0	0	—			29.2	39	+3	24	+1	64	0	4	17
Upper Egypt																		
Faiyum	00	8	02	1	0	0	—	10.3	+1.3	26.7	38	+1	23	+2	65	0	8	8
Minya	00	9	30	2	0	0	—	9.9	+1.4	28.2	38	+1	22	+1	55	0	dr	
Asyut	00	7	22	1	0	0	—	10.6	+2.4	28.0	39	+2	22	-1	53	0	0	4
Nag Hamadi	00	8	00	0	0	0	—	9.6	+2.6	31.0	40	—	21	—	40	0	0	
Qena	00	7	24	2	0	0	—	8.0	+1.3	36.0	42	+2	25	+1	29	0	dr	
Luxor	00	9	24	1	0	0	—	8.2	+1.6	35.0	42	+1	23	0	32	0	dr	
Aswan	00	9	00	0	0	0	—	9.2	+2.2	32.7	40	-1	26	0	18	0	dr	
Western Desert																		
Siwa	00	7	00	0	0	0	—	13.0	+1.4	30.0	41	+3	21	0	65	0	2	8
Bahariya	00	8	00	0	0	0	—	10.8	+0.9	27.0	38	+1	22	+2	49	0	dr	7
Kharga	00	9	00	0	0	0	—	—	—	27.6	40	0	23	0	41	0	dr	
Dakhla	00	8	00	0	0	0	—	10.7	+2.2	29.9	39	0	24	+1	27	0	dr	
Red Sea																		
Tor	00	7	20	1	0	0	—	9.6	+3.8	29.4	31	-3	23	-1	63	0	2	13
Hurghada	00	8	30	3	0	0	—	8.3	+1.9	31.1	34	-1	24	-1	48	0	dr	3
Quseir	00	8	32	2	0	0	—	8.6	+2.6	30.3	32	-2	26	-1	59	0	dr	4
Port Sudan	00	8	10	1	1	0	—	7		34					56	0	154	100
North Sudan																		
Wadi Halfa																0	tr	—
Kareima	01	8	32	1	1	3	4	9		34					39	0	1	8
Atbara	00	7	20	3	0	0	—	10		31					49	0	tr	22
Khartum	01	8	20	4	1	4	5	11		31					55	0	14	54
Kassala	00	8	18	3	0	0	—	11		30					43	5	42	115
Central Sudan																		
Wad Medani	01	9	16	4	1	4	3	13		26					84	tr	122	143
Renk	01	9	20	2	1	5	8	13		26					79	—	—	254
Roseires	01	8	12	1	1	4		11		26					70	10	422	374
El Obeid	02	9	16	3	0	6	4	11		27					66	0	187	137
El Fasher	01	8	00	0	1	4	4	—	—	27					55	0	57	95
Geneina																		186
Kadugli	02	8	04	1	1	5	4	13		23					89	—	—	415
South Sudan																		
Malakal	02	8	00	0	1	7	4,5	14		24					89	0	414	447
Wau	02	8	00	0	1	5	4	12		24					89	3	753	666
Juba																0	836	688

Upper Winds are in the Code HHDDVV where HH is Height 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

Helwan 9h	Asyut 7h	Aswan 7h	[illegible] 7h	[illegible] 7h
02 28 05	02 29 15	02 34 10	03 33 10	06 20 35
05 28 10	05 01 20	05 34 25	09 34 15	09 20 45
10 31 25	10 33 25	10 35 20	15 33 15	15 21 15
15 27 25	15 31 20	15 34 20	21 31 25	21 19 25
20 30 25		20 33 10	24 32 30	24 16 05
23 27 15		25 24 30		27 12 10
25 27 20		30 24 30		
30 27 05		40 23 40		
40 02 10		50 28 15		

(Matruh, Mariut, Port Said, Minya, Luxor: no entries.)

Kassala 7h 15m	Port Sudan	El Obeid 7h 15m	El Fasher 7h	Geneina	Malakal 7h 15m
06 20 20		06 19 20	09 27 05		06 23 10
09 21 25		09 19 30	15 19 10		09 18 05
15 23 15		15 20 20	21 17 10		15 08 05
21 26 05		21 20 25	24 13 10		21 21 10
24 01 10		24 16 05			24 21 15
					30 25 20

Upper air temp ... at ... Height feet: Surface, 500, 1000, 1500, 3000, 4000, 6000, 8000, 10000, 12000, 14000, 16000 (no entries)

Cyprus synoptic 8h on 22nd:
34700 00990 20100 08282 10000 00170
34800 00990 26300 08282 30901 00210

WIND FORCE (F): Calm 0; Almost calm 1; Very light 2; Light 3; Moderate 4; Fresh 5; Strong 6; Very strong 7; Gale 8; Strong gale 9; Whole gale 10; Storm 11; Hurricane 12

WIND DIRECTION (DD) is on Scale of 32: 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 or Haze 08; Distant Fog 09; Rain in sight 10; Thunder, no rain 11; Distant Duststorm 12; Squally 14; Slight Duststorm 18; Rain in past hour 20-29; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog ... 41; Thick ... 42; Fog in patches 44; Drizzle 50-59; Rain 60-69; ... 70-79; ... 80-89; ... Snow 83, 84; ... Sleet 86, 88; ... Hail 88, 89; ... 90-99; ... 91; ... 96; ... Duststorm 98; ... heavy, with Hail 99

PAST WEATHER (W): ... 0-9

CLOUD FORM (C): ... Altocumulus ...; Fractocumulus 6; Nimbostratus 7; Cumulus 8; Cumulonimbus 9; Stratus 0

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

h. m. 18 54 — Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h on TUESDAY 22nd (الساعة ١٤ يوم ٢٢ الثلاثاء) / At 20h on 22nd (الساعة ٢٠ يوم ٢٢ الثلاثاء)

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	4	0	0	—	11.5	28.3	84	0	00	8	28	2	0	0	—	10.2	26.5	93	0	131
MARIUT	00	7	28	4	0	0	—	9	29	70	0	00	7	28	2	0	0	—	9	26	79	0	150
ALEXANDRIA	00	9	28	5	0	0	—	9.4	29.0	69	0	00	6	32	4	0	0	—	9.2	26.2	79	0	132
DAMIETTA	00	8	28	3	0	0	—	8.2	29.2	69	0	00	7	28	2	0	0	—	7.9	25.5	88	0	159
PORT SAID	00	8	30	3	0	0	—	8.4	31.8	65	0	00	8	30	2	0	0	—	7.8	26.3	81	0	134
EL ARISH	00	9	30	3	0	0	—	8.2	29.5	68	0	00	9	28	1	0	0	—	7.6	29.7	79	0	135
LOWER EGYPT																							
DAMANHUR	00	7	28	3	0	0	—	9.5	31.0	48	0	00	7	32	3	0	0	—	8.8	26.2	84	0	136
MANSURA	00	8	02	2	1	0	—	8.3	34.8	22	0	00	6	28	2	0	0	—	8.2	27.4	74	0	137
TANTA	00	8	28	2	0	0	—	9.5	35.0	37	0	00	8	00	0	0	0	—	7.9	28.0	77	0	138
ZAGAZIG	00	6	32	2	0	0	—	8.8	35.4	48	0	00	6	32	2	0	0	—	7.2	29.3	73	0	139
SHEBIN EL KOM	00	8	30	3	0	0	—	8.6	37.2	28	0	00	7	30	2	0	0	—	8.0	29.4	57	0	—
MIDDLE EGYPT																							
CAIRO ALMAZA	00	8	26	2	0	0	—	7.7	35.1	41	0	00	8	30	1	0	0	—	7.4	31.2	52	0	141
CAIRO EZBEKIYA	00	8	26	1	0	0	—	8.0	35.7	32	0	00	7	28	1	0	0	—	7.4	30.2	53	0	—
CAIRO GIZA	00	8	28	1	0	0	—	8.3	36.6	31	0	00	7	00	0	0	0	—	8.2	28.3	58	0	—
HELWAN	00	8	28	2	0	0	—	8.2	34.9	26	0	00	7	30	3	0	0	—	7.4	31.6	39	0	143
SUEZ	00	9	00	0	0	0	—		38.9	21	0	00	9	02	1	0	0	—		30.7	51	0	144
UPPER EGYPT																							
FAIYUM	00	8	00	0	0	0	—	8.6	34.6	28	0	00	8	30	2	0	0	—	7.4	31.1	39	0	153
MINYA	00	9	02	2	0	0	—	8.2	36.4	27	0	00	8	32	1	0	0	—	7.2	32.8	34	0	154
ASYUT	00	8	26	1	0	0	—	9.0	36.2	20	0	00	6	22	1	0	0	—	7.6	31.5	25	0	155
NAG HAMADI	00	8	24	1	0	0	—	7.1	38.6	16	0	00	8	00	0	0	0	—	6.6	28.7	49	0	164
QENA	00	8	22	2	0	0	—	5.5	41.2	19	0	00	6	24	2	0	0	—	5.8	31.8	32	0	156
LUXOR	00	9	22	3	0	0	—	6.2	42.0	16	0	00	8	28	3	0	0	—	5.5	35.7	26	0	157
ASWAN	00	9	00	0	0	0	—	6.2	40.0	17	0	00	9	00	0	0	0	—	5.2	37.0	17	0	158
WESTERN DESERT																							
SIWA	00	8	00	0	0	0	—	9.0	39.4	48	0	00	7	00	0	0	0	—	9.8	32.5	62	0	148
BAHARIYA	00	8	32	2	0	0	—	8.6	37.0	14	0	00	7	32	2	0	0	—	8.6	32.0	28	0	149
KHARGA	00	9	04	1	0	0	—		40.0	24	0	00	9	00	0	0	0	—		35.2	30	0	151
DAKHLA	00	9	28	1	0	0	—	8.3	38.8	14	0	00	8	28	1	0	0	—	8.0	33.1	20	0	152
RED SEA																							
TOR	00	7	28	2	0	0	—	7.4	33.2	63	0	00	7	32	3	0	0	—	5.4	27.1	40	0	145
HURGHADA	00	8	02	3	0	0	—	6.0	33.9	42	0	00	8	00	0	0	0	—	5.2	28.6	44	0	146
QUSEIR	00	8	32	1	0	0	—	6.8	31.2	64	0	00	8	04	1	0	0	—	5.4	30.2	61	0	147
PORT SUDAN	01	8	06	3	1	4	8	4	38	45													208
NORTH SUDAN																							
WADI HALFA	00	8	25	3	0	0	—	7	41	10													165
KAREIMA	01	8	24	1	1	3	8	7	41	18													166
ATBARA	01	7	22	2	0	4	8	5	39	26													167
KHARTUM	01	8	16	2	1	5	8	6	37	31													209
KASSALA	01	8	00	0	1	4	8,2	6	35	47													170
CENTRAL SUDAN																							
WAD MEDANI	01	8	12	3	1	4	8	7	36	33													171
RENK	01	9	20	2	1	4	1	8	31	66													182
ROSEIRES	01	8	14	1	1	3	4	9	29	78													172
EL OBEID	01	5	17	4	0	5		6	32	38													174
EL FASHER	01	8	00	0	1	4	8	—	34	34										—			173
GENEINA	10	7	20	1	1	5	8,4	—	31	52										—			179
KADUGLI	02	8	12	1	1	5	4	8	30	74													187
SOUTH SUDAN																							
MALAKAL	01	8	18	2	1	4	8,4	9	32	52													176
WAU	02	8	00	0	1	6	8,4	9	32	52													177
JUBA	01	8	30	1	1	4	4,1	9	31	55													[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

MATRUH	MARIUT	PORT SAID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12h 45m	h. m.	h. m.	12h 30m	13h 45m	h. m.	13h	h. m.	h. m.	h. m.	13h	13h 15m	12h 45m
	03 31 25			03 34 05	03 26 15		03 33 20				06 21 20	06 20 10	06 12 05
	06 32 25			06 32 15	06 26 20		06 21 10				09 29 10	09 20 15	09 13 05
	09 32 25			09 32 15	09 28 10		09 31 05				15 17 10	15 21 20	15 07 20
	15 32 20			15 32 15	15 31 20		15 28 20				21 26 05		21 07 05
	21 34 30			21 34 15	21 32 25		21 23 30						30 24 10
	24 33 25			24 34 20	24 33 25		30 21 15						39 06 05
	30 34 25			27 36 15	30 28 05								45 05 15
	39 35 25												

Remarks

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

Station	Mean of day: Humidity % 22nd	Diff from normal	Wet Bulb Temp °C 22nd	Diff from normal
Alexandria	74	-1	23.9	+0.8
Ezbekiya	59	0	23.2	+0.7
Giza	58	-2	23.3	+1.2
Helwan	55	+6	21.7	+1.3

GIZA — GRASS MINIMUM TEMP ON 23rd 19.1 °C

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

Discharges at Aswan measured by sluices m³ per sec.	1947	1946
23rd	1910	2893
22nd	1910	2893

Gauge	Date 1947: 23rd — Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal m.
Juba				
Nasser			9.40	+0.12
Malakal	11.48	+0.03	11.48	+0.04
J. Aulia Res.			374.05	—
J. Aulia D.S.			371.47	-1.39
Roseires	16.62	-0.36	16.60	-0.22
Sennar Res.	16.53	—	16.00	—
Khartum			12.18	-0.90
Kh. el Girba				
Atbara			11.70	-0.50
Kajnarti	134.18	-1.35	134.02	-1.31
Aswan Res.	102.38	—	102.95	—
Aswan D.S.	86.70	-0.18	86.70	-0.61
Roda (Cairo)			16.56	+0.82

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

At 8h on WEDNESDAY 23rd (الساعة ٨ يوم ٢٣ الأربعاء)

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs	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																		
SALUM												—		—				99
MATRUH	00	9	28	3	0	0	—	9.0	-0.9	26.2	29	+1	21	-1	82	0	55	161
MARIUT	00	7	28	2	0	0	—	7		28	30	—	23	—	70	0	139	138
ALEXANDRIA	00	9	28	4	0	0	—	7.2	-2.3	27.8	30	0	25	+2	70	0	106	186
DAMIETTA	00	8	26	2	0	0	—	6.7	-1.8	27.9	32	—	22	—	78	0	32	106
PORT SAID	01	8	18	2	1	4	4	6.8	-1.0	27.3	33	+2	25	+1	77	0	27	81
EL ARISH	00	9	16	1	0	0	—	7.0	-1.6	28.2	31	+1	24	+3	67	0	47	94
LOWER EGYPT																		
DAMANHUR	00	7	32	3	0	0	—	7.5	-1.3	28.0	33	0	21	+1	71	0	84	101
MANSURA	01	8	32	1	1	3	6	7.4	-1.2	27.8	36	+1	22	+1	74	0	15	55
TANTA	00	8	00	0	0	0	—	7.4	-1.8	27.6	35	0	19	0	71	0	8	44
ZAGAZIG	00	7	24	2	0	0	—	7.1	-2.1	29.4	37	+2	23	+3	66	0	24	27
SHEBIN EL KOM	00	8	28	2	0	0	—	7.0	-2.2	28.8	38	—	21	—	63	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	26	1	2	5	6	7.5	-1.4	26.1	38	—	23	—	76	0	14	—
CAIRO EZBEKIYA	01	7	26	1	2	4	6	7.8	-1.1	25.8	37	+1	24	+2	78	0	13	26
CAIRO GIZA	01	7	28	2	1	3	8	7.8	-1.0	27.2	37	+2	23	+4	70	0	20	27
HELWAN	05	6	30	1	0	0	—	7.8	-1.1	25.0	37	+2	23	+2	75	0	5	29
SUEZ	00	9	02	1	0	0	—			28.5	40	+4	23	0	59	0	4	17
UPPER EGYPT																		
FAIYUM	00	8	32	1	0	0	—	7.4	-1.6	26.0	38	+1	22	+1	72	0	8	8
MINYA	00	9	32	3	0	0	—	7.8	-0.8	27.3	37	0	23	+2	67	0	dr.	—
ASYUT	00	7	20	1	0	0	—	7.5	-0.7	27.5	38	+1	22	-1	63	0	0	4
NAG HAMADI	00	8	00	0	0	0	—	5.9	-1.0	28.7	40	—	21	—	52	0	0	—
QENA	00	7	24	2	0	0	—	4.6	-2.1	35.2	43	+3	25	+1	27	0	dr.	—
LUXOR	00	9	02	2	0	0	—	5.2	-1.4	35.0	43	+2	23	0	24	0	dr.	—
ASWAN	00	9	00	0	0	0	—	6.6	-0.4	33.2	43	+2	27	+1	20	0	dr.	—
WESTERN DESERT																		
SIWA	00	7	00	0	0	0	—	10.2	-1.4	29.2	42	+4	20	-1	63	0	2	8
BAHARIYA	00	8	32	2	0	0	—	8.3	-1.6	26.0	38	+1	21	+1	55	0	dr.	7
KHARGA	00	9	30	1	0	0	—			29.7					45	0	dr.	—
DAKHLA	00	8	00	0	0	0	—	7.6	-0.9	30.9	40	+1	23	0	28	0	dr.	—
RED SEA																		
TOR	00	7	28	3	0	0	—	4.6	-1.2	28.9	37	+3	27	+3	64	0	2	13
HURGHADA	00	8	30	4	0	0	—	4.2	-2.2	31.7	37	+2	27	+2	46	0	dr.	3
QUSEIR	00	8	32	2	0	0	—	4.3	-1.7	31.8	34	0	28	+1	53	0	dr.	4
PORT SUDAN	01	8	00	0	1	4	4	3		36					35	0	154	100
NORTH SUDAN																		
WADI HALFA	01	8	00	0	0	4	1	7		31					24	0	tr.	—
KAREIMA	00	8	04	2	0	0	—	6		34					16	0	1	8
ATBARA	01	7	26	3	1	4	4,2	6		33					41	0	tr.	23
KHARTUM	02	8	18	4	1	6	2	7		32					52	0	14	55
KASSALA	02	8	12	3	1	7	2	8		27					70	0	42	118
CENTRAL SUDAN																		
WAD MEDANI	01	9	18	5	1	5		8		29					59	0	122	148
RENK	02	9	20	3	1	8	9	12		24		—		—	89	—	—	258
ROSEIRES	01	8	20	1	0	4		10		24					94	0	422	380
EL OBEID	01	9	20	5	0	5	9,4	9		28					66	0	187	141
EL FASHER	01	7	00	0	1	5	6,4	—	—	26					45	0	57	99
GENEINA	02	8	20	2	1	6	6,4	—	—	23		—		—	84	—	—	192
KADUGLI	01	8	28	1	1	4	1	10		25		—		—	79	—	—	420
SOUTH SUDAN																		
MALAKAL	02	8	18	4	2	6	4,1	11		25					84	0	414	453
WAU	02	8	00	0	1	6	4	11		23					89	0	753	672
JUBA	01	8	14	1	1	4	4	12		24					84	0	836	692

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

UPPER WINDS ON 23rd

MATRUH	MARIUT	PORT SAID	HELWAN	MINYA	ASYUT	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KAREIMA	KHARTUM
h. m.	h. m.	h. m.	9h 15m	h. m.	7h m.	h. m.	7h m.	7h m.	7	8	
			02 32 40		02 31 15		02 31 05	03 03 20	06 31 15	03 36 05	
			05 33 25		05 01 40		05 32 10	06 02 30	09 31 20	06 36 20	
			08 33 20		10 36 35		10 34 10	09 01 30	15 33 30	09 35 20	
			10 34 25				15 25 20	15 32 15	21 34 20	15 31 20	
			15 01 20				20 22 20	21 29 15		21 33 10	
			20 01 35					30 22 30			
			23 02 30								
			25 01 30								

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
7h m.	h. m.	h. m.	h. m.	7h 15m	7h m.
06 19 30				09 26 35	06 22 15
09 19 40				15 28 35	09 21 15
15 21 40				21 31 20	15 24 15
21 23 25				30 05 15	21 25 30
30 26 30					
39 31 25					

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

Height feet	P.P.P. mb	T.T.	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 23rd

34700 00990 12200 04281 90000 00190
34800 00970 XX100 04322 10903 00210

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

WIND FORCE (F)

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

h. m. 18 54 — Month **JULY** 1947 — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

شهر يوليه ١٩٤٧

At 14h. on Wednesday 23rd (الساعة ١٤ يوم ٢٣) / At 20h. on 23rd (الساعة ٢٠ يوم الأربعاء 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		28	3	0	0	—	9.0	28.6	83	0	00	8	26	2	0	0	—	8.4	26.8	83	0	131
MARIUT	00	7	28	4	0	0	—	7	30	66	0	00	7	29	2	0	0	—	7	26	79	0	150
ALEXANDRIA	00	9	28	4	0	0	—	7.0	30.0	59	0	00	6	32	4	0	0	—	7.6	26.6	80	0	132
DAMIETTA	00	8	28	2	0	0	—	6.0	30.5	61	0	00	7	28	2	0	0	—	5.8	26.4	79	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	6.2	32.1	66	0	00	8	26	2	0	0	—	6.0	27.3	73	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	5.6	29.8	65	0	00	9	28	1	0	0	—	5.9	25.4	78	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	4	0	0	—	7.0	33.0	47	0	00	7	32	3	0	0	—	7.5	26.2	81	0	136
MANSÛRA	00	8	04	1	1	0	—	6.0	35.2	40	0	00	6	28	2	0	0	—	6.0	27.6	62	0	137
TANTA	00	8	32	2	0	0	—	5.8	36.0	38	0	00	8	00	0	0	0	—	6.8	27.7	67	0	138
ZAGAZIG	00	6	24	2	0	0	—	5.9	35.6	41	0	00	6	32	2	0	0	—	6.3	27.8	60	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	6.2	37.1	28	0	00	7	02	2	0	0	—	6.8	28.4	50	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	28	1	0	0	—	5	36	37	0	00	7	30	1	0	0	—	5.8	31.2	48	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	5.5	35.4	32	0	00	7	28	2	0	0	—	6.2	29.9	38	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	6.0	35.8	25	0	00	7	00	0	0	0	—	7.0	28.3	58	0	—
HELWÂN	00	8	28	4	0	0	—	5.3	35.2	24	0	00	7	30	5	0	0	—	5.9	31.3	26	0	143
SUEZ	00	9	02	1	0	0	—		35.8	22	0	00	9	02	1	0	0	—		30.7	42	0	144
UPPER EGYPT																							
FAIYÛM	00	8	30	1	0	0	—	5.2	35.3	24	0	00	8	30	3	0	0	—	5.6	31.6	27	0	153
MINYA	00	9	02	3	0	0	—	5.2	36.9	28	0	00	9	32	2	0	0	—		33.0	37	0	154
ASYÛT	00	8	22	1	0	0	—	5.8	35.6	29	0	00	6	26	1	0	0	—	6.6	30.0	30	0	155
NAG' HAMÂDI	00	8	23	1	0	0	—	3.4	37.6	23	0	00	8	00	0	0	0	—	3.2	29.7	44	0	164
QENA	00	8	22	3	0	0	—	2.4	40.0	22	0	00	6	24	2	0	0	—	1.8	33.2	29	0	156
LUXOR	00	9	24	3	0	0	—	3.2	40.3	17	0	00	8	32	3	0	0	—	2.4	34.8	28	0	157
ASWÂN	02	9	20	1	1	5	1	2.4	40.8	14	0	00	9	00	0	0	0	—	2.0	38.0	16	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	9.8	39.0	50	0	00		28	2	0	0	—	7.9	34.2	55	0	148
BAHARÎYA	00	8	28	2	0	0	—	5.9	37.0	14	0	00	7	32	1	0	0	—	6.8	32.5	22	0	149
KHÂRGA												00	9	32	1	0	0	—	—	34.4	23	0	151
DAKHLA	00	9	28	2	0	0	—	5.6	37.5	20	0	00	8	28	1	0	0	—	6.0	33.4	22	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	4.0	31.9	56	0	00	7	28	2	0	0	—	2.4	32.8	51	0	145
HURGHÂDA	00	8	02	4	0	0	—	2.4	33.8	39	0	00	8	28	3	0	0	—	2.0	31.6	31	0	146
QUSEIR	00	8	02	2	0	0	—	3.1	31.7	66	0	00	8	32	1	0	0	—		28.4	59	0	147
PORT SÛDÂN	01	8	02	3	1	5	2	0	38	51													208
NORTH SÛDÂN																							
WÂDI HALFA	01	8	30	3	1	5	1	3	41	10													165
KAREIMA	02	8	20	3	1	8	2	4	42	08													166
'ATBARA	02	7	24	2	1	6	4,2	1	42	11													167
KHARTÛM	02	8	22	3	2	6	9,2	2	40	24													209
KASSALA	02	8	18	2	1	5	8,1	4	34	44													170
CENTRAL SÛDÂN																							
WAD MEDANI	10	8	18	5	1	5	8	4	33	47													171
RENK	01	9	20	3	1	4	1	6	32	55													182
ROSEIRES																							172
EL OBEID	65	6	32	3	1	8	6	6	26	79													174
EL FÂSHER	02	8	10	2	1	5	4	—	35	35									—				175
GENEINA								—											—				179
KADUGLI	02	8	20	1	1	5	4,1	7	32	52													187
S. SÛDÂN																							
MALAKÂL	81		12	3	6	7	9,4	7	29	59													176
WÂU	02	8	16	2	1	5	8,4	7	32	41													177
JUBA	02	8	18	2	1	8	6,5	9	27	79													173

At 8h. on Thursday 24th (الساعة ٨ يوم الخميس 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	Diff. from norm °C	Min. Today °C	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	30	3	0	0	—	8.2	-1.7	26.2	29	+1	21	-1	65	0	55	161
MARIUT	01	7	27	3	1	4	6	7		28	30	—	25	—	70	0	139	138
ALEXANDRIA	02	9	28	4	1	5	8	7.0	-2.5	26.2	31	+1	25	+2	79	0	106	186
DAMIETTA	00	8	22	2	0	0	—	5.9	-2.5	28.5	32	—	24	—	69	0	32	106
PORT SA'ÎD	00	8	28	2	0	0	—	6.3	-1.5	27.8	33	+2	25	+1	71	0	27	81
EL 'ARÎSH	01	9	00	0	1	3	3	6.3	-2.3	29.1	31	+1	21	0	65	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	24	2	0	0	—	7.1	-1.7	26.7	33	0	21	+1	83	0	84	101
MANSÛRA	00	8	32	1	0	0	—	6.6	-2.0	27.4	37	+2	22	+1	70	0	15	55
TANTA	00	8	00	0	0	0	—	6.7	-2.5	28.0	37	+2	19	0	70	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	6.4	-2.8	31.4	37	+2	21	+1	58	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	7.4	-1.8	28.6	39	—	21	—	68	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	1	4	6	6.9	-2.0	25.1	38	—	22	—	84	0	14	—
CAIRO EZBEKÎYA	05	6	02	1	0	3	8	7.0	-1.9	25.9	38	+2	23	+1	77	0	13	26
CAIRO GÎZA	00	7	00	0	0	0	—	6.6	-2.2	26.7	37	+2	20	0	69	0	20	27
HELWÂN	05	6	00	0	0	0	—	7.2	-1.7	25.7	37	+2	23	+2	73	0	5	29
SUEZ	00	9	02	1	0	0	—			26.8	38	+2	24	+1	66	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	6.6	-2.5	27.1	38	+1	22	+1	61	0	8	8
MINYA	00	9	32	2	0	0	—	7.1	-1.5	27.0	37	0	22	+1	64	0	dr	—
ASYÛT	00	7	22	1	0	0	—	6.7	-1.5	28.3	37	0	22	-1	45	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	4.4	-2.5	29.3	39	—	21	—	52	0	0	—
QENA	00	7	24	2	0	0	—	3.2	-3.5	35.0	42	+2	25	+1	32	0	dr	—
LUXOR	00	9	16	1	0	0	—	4.0	-2.6	33.4	41	0	22	[illegible]	28	0	dr	—
ASWÂN	00	9	00	0	0	0	—	3.5	-3.5	31.4	42	+1	27	+1	24	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	32	4	0	0	—	9.9	-1.7	26.2	40	+2	21	0		0	2	8
BAHARÎYA	00	8	00	0	0	0	—	7.0	-2.9	28.0	38	+1	20	0	51	0	dr	7
KHÂRGA	00	9	32	4	0	0		—	—	30.6	39	-1	24	+1	32	0	dr	—
DÂKHLA	00	8	04	1	0	0	—	6.7	-1.7	32.0	39	0	20	-3	25	0	dr	—
RED SEA																		
TÔR	00	7	28	2	0	0	—	2.6	-3.2	29.5	32	-2	26	+2	57	0	2	13
HURGHÂDA	00	8	30	4	0	0	—	3.2	-3.1	30.4	35	0	26	+1	43	0	dr	3
QUSEIR	00	8	32	3	0	0	—	3.0	-3.0	32.1	34	0	27	0	52	0	dr	4
PORT SÛDÂN	01	8	22	2	1	4	2	3		38					42	0	154	100
NORTH SÛDÂN																		
WÂDI HALFA	01	8	19	1	1	4	2	5		29					19	0	tr	—
KAREIMA	01	8	20	1	2	4	4,1	6		32					21	0	1	9
'ATBARA	01	7	20	3	0	4	2	6		29					52	0	tr	23
KHARTÛM	02	7	16	6	1	5	4,5	8		27					45	0	14	56
KASSALA	02	8	20	3	1	7	4	10		27					52	1	43	121
CENTRAL SÛDÂN																		
WAD MEDANI	02	8	14	5	1	7	5	10		23					84	12	134	153
RENK	02	9	30	2	2	5	6	13		24		—		—	84	—	—	262
ROSEIRES	03	7	28	1	2	8	9	12		23					94	9	431	385
EL OBEID	02	8	20	3	9	6	6,5	10		23					57	17	204	144
EL FÂSHER	02	8	16	1	1	5	4	—	—	24					74	2	59	103
GENEINA	02	8	18	1	1	6	9	—	—	24		—		—	94	—	—	199
KADUGLI	02	8	12	2	1	5		12		23		—		—	65	—	—	435
S. SÛDÂN																		
MALAKÂL	02	8	10	1	1	5	6,4	12		23					65	56	470	459
WÂU	02	8	16	2	6	7	5	11		24					89	tr	753	678
JUBA	01	7	16	1	1	4	4,1	12		24					79	0	836	696

UPPER WINDS ON 23rd (الرياح العليا يوم ٢٣)

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 12h. 30m.	ALMÂZA h. m.	MINYA 12h. 45m.	LUXOR 12h. 45m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 13h. m.	KHARTÛM 12h. 30m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL h. m.	JUBA 13h. 15m.
		03 28 15		03 34 25	03 26 15		09 28 15	09 34 05	09 26 20	09 24 20	09 27 10		09 30 25
		06 29 15		06 34 20	06 24 05		15 29 15	15 32 05	15 25 10	15 27 10	15 22 15		15 30 10
		09 21 15		09 35 20	09 28 05		21 31 15	21 27 15	21 27 15	21 21 10	21 17 15		21 26 10
		12 34 20		12 35 20	15 23 20		30 23 45	30 24 15	24 27 05	24 19 05			30 42 05
		15 35 15		15 34 30	21 23 15		39 25 10	33 18 05	27 23 02	30 18 05			33 19 10
		21 33 05		21 36 30	27 24 10		45 25 20		30 17 05	39 26 40			
		30 01 05		27 36 20	30 25 10		60 04 30		39 14 15				
				30 36 20			75 07 25		45 13 10				
				33 36 15					51 08 20				

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 7h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8h. 45m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM 6h. m.
03 30 40			02 33 10		02 34 25			03 36 15	06 35 20	03 01 15	06 18 30
06 30 30			05 02 20		05 01 45			06 36 25	09 36 30	06 02 20	09 18 40
09 30 40			08 01 30					09 01 30	15 32 15	09 02 20	15 22 25
15 02 25			10 01 30					15 01 30	21 23 15	15 32 10	21 27 25
			15 35 20					21 02 30	30 21 30	21 27 20	30 36 25
			20 33 40						39 19 35	30 31 30	39 36 15
			23 30 30						45 17 50	39 23 35	45 35 30
			25 28 10						57 18 35	45 23 35	
			27 31 10								

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL 8h. m.
06 18 30			09 27 20	09 23 15	06 15 10
09 24 35			15 26 35	15 26 30	09 20 15
15 29 25			21 36 15	21 03 35	15 24 15
21 36 05			30 07 35		21 28 10
30 32 15			39 06 40		
			45 06 35		
			60 09 15		

Remarks

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

Station	Mean of day: Humidity % on 23rd	Diff. from normal	Wet Bulb Temp °C on 23rd	Diff. from normal
Alexandria	73	-2	23.9	+0.8
Ezbekiya	55	-5	22.2	-0.3
Giza	53	-7	21.8	-0.3
Helwân	47	-2	20.7	+0.2

GÎZA — GRASS MINIMUM TEMP. ON 24th 16.8 °C

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

Discharges at Aswân measured by sluices m³ per sec.	1947	1946
24-7	1910	3472
23-7	1910	2893

Gauge	Date 1947	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24—7				
Nâsser				9.43	+0.13
Malakâl		11.50	+0.04	11.48	+0.03
J. Aulia Res.				374.27	—
J. Aulia D.S				371.58	-1.36
Roseires		16.46	-0.65	16.62	-0.36
Sennar Res.				16.53	
Khartûm				12.26	-0.87
Kh. el Girba					
'Atbara				11.66	-0.63
Kajnarti				134.18	-1.35
Aswân Res.		101.82	—	102.38	—
Aswân D.S		86.70	-0.72	86.70	-0.68
Roda (Cairo)		16.58	+0.80	16.58	+0.82

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			

CYPRUS SYNOPTIC 8h ON 24th
34810 01953 08203 03262 30301

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Sunset 18 53 Month JULY 1947 شهر يوليه ١٩٤٧

At 14h. on THURSDAY 24th (الساعة ١٤ يوم الخميس ٢٤) — At 20h. on 24th (الساعة ٢٠ يوم الخميس ٢٤)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	28	3	0	0	—	7.8	28.2	60	0	01	8	28	2	0	3	8	8.4	26.3	85	0	131
MARIUT	00	7	29	4	0	0	—	6	29	70	0	01	7	29	2	0	3	6	7	26	84	0	150
ALEXANDRIA	01	9	28	5	2	3	4	6.8	28.9	76	0	01	6	28	3	2	4	4	7.5	26.2	79	0	132
DAMIETTA	00	8	28	3	0	0	—	5.6	30.6	49	0	00	7	28	3	0	0	—	6.2	26.0	82	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	5.8	31.9	63	0	00	8	28	3	0	0	—	6.0	26.8	79	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	5.5	30.2	51	0	00	9	32	1	0	0	—	6.0	27.1	64	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	3	0	0	—	5.4	32.0	47	0	00	7	32	3	0	0	—	7.0	26.0	82	0	136
MANSÛRA	00	8	28	1	0	0	—	5.9	34.6	29	0	00	6	02	2	0	0	—	7.0	26.8	73	0	137
TANTA	00	8	00	0	0	0	—	5.8	36.0	29	0	00	8	00	0	0	0	—	7.4	26.5	77	0	138
ZAGAZIG	00	6	32	2	0	0	—	5.1	34.8	31	0	00	6	32	2	0	0	—	6.3	28.2	72	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	6.0	36.7	28	0	00	7	02	2	0	0	—	7.2	28.2	58	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	28	2	0	0	—	5.2	35.6	36	0	00	7	31	2	0	0	—	5.5	31.3	48	0	141
CAIRO EZBEKÎYA	00	8	28	1	0	0	—	5.5	34.5	30	0	00	7	30	2	0	0	—	6.2	30.0	43	0	—
CAIRO GÎZA	00	8	28	1	0	0	—	5.8	35.5	28	0	00	8	30	2	0	0	—	6.3	30.1	39	0	—
HELWÂN	00	7	28	3	0	0	—	5.1	34.0	22	0	00	7	32	4	0	0	—	5.6	31.7	30	0	143
SUEZ	00	9	00	0	0	0	—		35.2	20	0	00	9	02	1	0	0	—	4.0	30.8	41	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	1	0	0	—	5.0	35.1	18	0	00	8	32	2	0	0	—	5.2	30.2	29	0	153
MINYA	00	8	30	4	3	2	1	5.6	35.0	28	0	00	9	32	2	1	0	—		32.4	32	0	154
ASYÛT												00	6	28	1	0	0	—	4.8	31.1	27	0	155
NAG' HAMÂDI	00	8	24	2	0	0	—	3.1	36.7	26	0	00	8	00	0	0	0	—	3.5	27.7	47	0	164
QENA	00	8	24	2	0	0	—	1.4	40.8	17	0	00	6	22	2	0	0	—	2.2	32.2	27	0	156
LUXOR	00	9	28	2	0	0	—	2.0	41.0	17	0	00	8	26	2	0	0	—	1.4	35.3	27	0	157
ASWÂN	00	9	00	0	0	0	—	2.7	41.6	19	0	00	9	00	0	0	0	—	1.9	35.2	19	0	158
WESTERN DESERT																							
SÎWA	00	8	24	3	0	0	—	9.2	36.6	23	0	00	—	00	0	0	0	—	8.6	29.5	37	0	148
BAHARÎYA	00	8	32	1	0	0	—	6.0	36.0	23	0	00	7	00	0	0	0	—	5.1	32.0	24	0	149
KHÂRGA	00	9	02	1	0	0	—		37.9	23	0	00	9	00	0	0	0	—	—	34.0	29	0	151
DAKHLA	00	9	28	1	0	0	—	4.7	38.0	15	0	00	8	28	1	0	0	—	5.9	33.6	22	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	3.2	31.2	56	0	00	7	28	1	0	0	—	2.7	35.5	56	0	145
HURGHÂDA	00	8	02	4	0	0	—	1.8	32.9	51	0	00	8	28	3	0	0	—	1.9	35.7	41	0	146
QUSEIR	00	8	32	3	0	0	—	2.3	30.8	53	0	00	8	06	1	0	0	—	2.0	29.8	63	0	147
PORT SÛDÂN	01	7	08	1	4	3	8,1	0	38	55													208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	02	8	24	3	1	5	1	4	41	08													166
'ATBARA	01	7	24	2	1	4	4	2	40	14													167
KHARTÛM	02	8	18	6	2	7	8,4	5	33	30													209
KASSALA	01	8	20	3	1	5	4,2	6	32	50													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	9	16	3	1	7	5	6	30	55													171
RENK	01	9	20	3	1	4	1	6	31	74													182
ROSEIRES																							172
EL OBEID																							174
EL FÂSHER	02	8	16	4	1	5	8,4	—	29	52									—				175
GENEINA	02	8	20	3	1	5	8,4	—	29	62									—				179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	10	8	28	2	1	8	9,4	9	29	70													176
WÂU	02	8	16	1	5	6	8,4	9	29	59													177
JUBA	11	8	14	1	1	4	9,4	7	32	46													173

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

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	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	26	2	0	0	—	8.4	-1.6	25.2	29	+1	22	0	88	0	55	161
MARIUT	00	7	29	2	0	1	6	8		28	29	—	24	—	66	0	139	138
ALEXANDRIA																	106	186
DAMIETTA	00	8	28	3	0	0	—	8.7	+0.3	27.3	32	—	22	—	66	0	32	106
PORT SA'ÎD	00	8	28	2	0	0	—	7.6	-0.2	28.0	33	+2	25	+1	66	0	27	81
EL 'ARÎSH	01	9	20	1	1	3	3	7.2	-1.4	29.2	31	+1	22	+1	66	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	32	3	0	0	—	9.1	+0.3	27.2	33	0	21	+1	69	0	84	101
MANSÛRA	00	8	30	1	0	0	—	7.9	-0.7	27.7	36	+1	23	+2	61	0	15	55
TANTA	00	8	00	0	0	0	—	8.2	-1.0	27.0	36	+1	18	-1	61	0	8	44
ZAGAZIG	00	6	32	2	0	1	—	8.6	-0.6	30.2	36	+1	21	+1	53	0	24	29
SHEBÎN EL KÔM	00	8	22	2	0	0	—	8.6	-0.6	27.0	38	—	21	—	69	0	9	
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	2	1	6	7.9	-1.0	25.5	37	—	23	—	84	0	14	—
CAIRO EZBEKÎYA	05	7	28	2	0	0	—	8.0	-0.9	27.8	37	+1	23	+1	65	0	13	26
CAIRO GÎZA	05	6	32	2	0	0	—	8.3	-0.8	27.4	36	+1	22	+2	66	0	20	27
HELWÂN	00	7	32	2	0	0	—	7.8	-1.1	25.9	36	+1	21	0	62	0	5	29
SUEZ	00	9	02	1	0	0	—	7.0	-1.2	29.6	37	+1	23	0	39	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	8.0	-1.1	26.7	37	0	23	+2	65	0	8	8
MINYA	00	9	32	2	0	0	—	7.9	-0.7	27.3	37	0	22	0	59	0	tr.	—
ASYÛT	00	7	20	1	0	0	—	7.6	-0.6	28.0	37	0	22	-1	51	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	6.6	-0.3	29.0	40	—	20	—	46	0	0	
QENA	00	7	24	2	0	0	—	5.5	-1.2	34.0	43	+3	25	+1	31	0	tr.	—
LUXOR	00	9	16	1	0	0	—	5.6	-0.9	34.3	43	+2	22	-1	26	0	tr.	—
ASWÂN	00	9	00	0	0	0	—	5.6	-1.4	31.8	43	+2	27	+1	19	0	tr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	9.6	-2.0	26.2	37	-1	22	+1	75	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	8.2	-1.7	26.5	37	0	21	+1	66	0	tr.	7
KHÂRGA	00	9	00	0	0	0	—			29.0	38	-2	23	0	53	0	tr.	—
DÂKHLA	00	8	28	1	0	0	—	7.2	-1.2	31.5	39	0	24	+1	24	0	tr.	—
RED SEA																		
TÔR	00	7	28	2	0	0	—	5.6	-0.2	29.6	34	0	24	0	62	0	2	13
HURGHÂDA	00	8	30	4	0	0	—	5.1	-1.2	30.4	34	-1	24	-1	50	0	tr.	3
QUSEIR	00	7	32	3	0	0	—	3.4	-2.6	31.7	34	0	29	0	52	0	tr.	4
PORT SÛDÂN	01	7	22	4	1	4	4,5	3		33					68	0	154	100
NORTH SÛDÂN																		
WÂDI HALFA																0	tr.	—
KAREIMA																0	1	9
'ATBARA	02	8	16	3	1	6	4	7		31					52	0	tr.	24
KHARTÛM	02	7	16	4	2	7	4,5	10		29					74	0	14	57
KASSALA	01	8	14	3	1	3	4	9		30					46	0	43	125
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	4	1	5	4	10		26					79	0	134	157
RENK	01	9	20	2	1	5	1	11		26		—		—	84	—	—	266
ROSEIRES	01	8	20	1	1	4	4	9		24					94	0	431	391
EL OBEID	02	9	08	4	1	7	4,4	9		26					79	0	204	148
EL FÂSHER	02	8	12	3	1	8	4,5		—	23					94	0	59	107
GENEINA	01	8	16	1	1	4	6,4	—	—	23		—		—	94	—	—	206
KADUGLI	02	8	28	1	1	5	1	11		24					84	—	—	430
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	6	4	12		23					94	0	470	465
WÂU	02	8	18	2	1	6	4	12		23					84	tr.	753	684
JUBA	02	8	16	2	1	6	4	13		23					84	0	836	700

UPPER WINDS ON 24th (الرياح العليا يوم ٢٤)

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	12h 30m.	9h 30m.	12h 30m.	h. m.	h. m.	h. m.	12h 30m.	13h. m.	13h. m.	13h 15m.	13h 15m.	h. m.
		03 32 15	03 35 05	03 01 30				03 20 20	06 21 30	06 21 30	06 19 15	06 00 00	
		06 29 20	06 33 15	06 04 40				06 20 05	09 22 30	09 20 40	09 19 30	09 17 05	
		09 29 20	09 32 10	09 05 40				09 23 05	15 25 40	15 21 35	15 18 30	15 16 05	
		15 30 20		15 06 40				15 25 10	21 01 10	21 22 20	21 08 20		
		21 27 30		21 07 55				21 26 25	24 07 10	24 29 15	24 08 20		
		24 26 30		24 06 40				24 25 30	27 08 10	30 30 20	30 07 20		
		30 24 35						30 24 20	30 11 15	33 32 15	39 10 35		
								33 23 15	39 12 20		45 07 30		
											60 17 10		

UPPER WINDS ON 25th (الرياح العليا يوم ٢٥)

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	6h 45m.	7h. m.	6h 30m
									06 19 05	03 34 05	06 18 25
									09 33 05	06 34 15	09 23 20
									15 34 05	09 34 20	15 19 20
									21 30 05	15 33 10	21 32 15
									24 29 05	21 32 05	30 08 10
									30 22 10		39 11 30
									39 21 20		
									45 21 25		
									60 22 35		

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. m.	7h 15m.	7h 15m.	7h 15m.	7h 15m.	7h m.
06 17 25	03 25 30	06 20 25	09 20 15	09 23 15	06 22 15
09 16 30	06 26 40	09 21 30	15 19 10	15 27 15	09 22 15
15 18 40	09 27 25	15 17 15	21 09 10	21 36 05	15 24 15
21 20 35	15 30 30	21 07 25	27 04 15	30 02 10	21 19 10
24 19 30	24 35 15	30 06 50			30 23 05
30 22 05		39 05 30			39 20 40
39 22 60					51 26 40
					60 35 15
					69 28 05

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			

CYPRUS SYNOPTIC 8h ON 25th

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				
Ezbekiya	57	-3	22.2	-0.3
Giza	50	-10	21.9	-0.3
Helwân	49	0	20.8	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 25th 16.2 °C

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

Discharges at Aswân measured by sluices m³ per sec.	1947	1946
25th	1910	4051
24th	1910	3472

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.73	+0.11	13.75	+0.13
Nâsser		9.48	+0.13	9.46	+0.14
Malakâl		11.52	+0.05	11.50	+0.04
J. Aulia Res.				374.46	—
J. Aulia D.S				371.55	-1.48
Roseires	25th	16.84	-0.39	16.46	-0.65
Sennar Res.				17.02	—
Khartûm		12.20	-1.14	12.27	-0.97
Kh. el Girba					
'Atbara		11.50	-1.03	11.55	-0.86
Kajnarti		134.50	-1.30	134.33	-1.29
Aswân Res.		101.21	—	101.82	—
Aswân D.S		86.70	-0.80	86.70	-0.72
Roda (Cairo)		16.60	+0.79	16.58	+0.80

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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

PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Sunset h. m. 18 53 Month *JULY* 1947 ١٩٤٧ شهر يوليه

STATION	14h Fri 25th: Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h on 25th: Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN SALÛM																							130
MATRÛH	00	9	32	3	0	0	—	9.0	28.4	60	0	00	8	28	2	0	0	—	9.4	26.3	77	0	131
MARIUT	00	7	28	3	0	2	6	8	29	66	0	00	7	24	2	0	0	—	8	26	74	0	150
ALEXANDRIA	00	9	30	6	0	0	—	8.3	28.8	63	0	00	6	32	3	0	0	—	9.2	26.6	71	0	132
DAMIETTA	00	8	28	3	1	1	8	7.1	28.8	65	0	01	7	28	3	1	3	8	7.4	26.0	76	0	159
PORT SA'ÎD	00	8	02	3	0	0	—	7.2	31.7	55	0	01	8	30	3	1	3	4	7.8	26.3	80	0	134
EL 'ARÎSH	00	9	30	4	0	0	—	7.0	30.2	54	0	00	9	30	2	0	0	—	7.5	27.1	67	0	135
LOWER EGYPT DAMANHÛR	00	7	28	3	0	0	—	7.8	30.5	53	0	00	7	32	3	0	0	—	8.6	25.7	73	0	136
MANSÛRA	01	8	28	2	1	3	8	7.0	33.3	36	0	00	6	28	2	1	0	—	8.4	26.8	66	0	137
TANTA	00	8	00	0	0	0	—	7.2	34.0	36	0	00	8	00	0	0	0	—	9.2	26.0	69	0	138
ZAGAZIG	00	6	32	2	0	0	—	7.6	31.0	48	0	00	6	32	2	0	0	—	8.4	28.6	75	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	7.5	34.8	35	0	00	7	02	2	0	0	—	8.4	27.2	63	0	—
MIDDLE EGYPT CAIRO ALMÂZA	00	8	26	2	0	0	—	6	33	47	0	00	7	32	3	0	0	—	6.9	30.0	66	0	141
CAIRO EZBEKÎYA	00	8	26	2	0	0	—	6.8	33.8	32	0	00	8	32	2	0	0	—	7.9	28.9	57	0	—
CAIRO GÎZA	00	8	28	2	0	0	—	7.6	33.8	34	0	00	7	28	2	0	0	—	8.0	28.9	53	0	—
HELWÂN	00	8	28	4	0	0	—	6.2	33.0	26	0	00	7	32	4	0	0	—	7.2	30.0	45	0	143
SUEZ	00	9	02	1	0	0	—	6.1	34.3	28	0	00	9	02	1	0	0	—	6.7	27.8	67	0	144
UPPER EGYPT FAIYÛM	00	8	32	1	0	0	—	5.9	34.0	26	0	00	8	30	2	0	0	—	6.6	30.7	45	0	153
MINYA	00	9	32	2	0	0	—	6.6	34.9	30	0	00	9	32	1	0	0	—		32.0	38	0	154
ASYÛT	00	8	22	1	0	0	—	6.4	35.1	28	0	00	6	20	1	0	0	—	5.5	30.2	40	0	155
NAG' HAMÂDI	00	8	24	2	0	0	—	4.2	37.2	23	0	00	8	00	0	0	0	—	5.5	28.4	55	0	164
QENA	00	8	26	3	0	0	—	2.7	41.3	15	0	00	6	22	2	0	0	—	4.0	32.8	27	0	156
LUXOR	00	7	30	2	0	0	—	3.5	41.5	17	0	00	8	28	2	0	0	—	3.1	35.2	27	0	157
ASWÂN	00	9	00	0	0	0	—	2.4	41.2	17	0	00	9	00	0	0	0	—	4.4	38.0	16	0	158
WESTERN DESERT SÎWA	00	8	28	4	0	0	—	9.4	34.7	30	0	00		24	1	0	0	—	9.0	30.5	34	0	148
BAHARÎYA	00	8	32	1	0	0	—	6.3	35.0	26	0	00	7	28	1	0	0	—	6.4	31.0	22	0	149
KHÂRGA	00	9	26	1	0	0	—	—	37.7	25	0	00	9	00	0	0	0	—	—	35.2	28	0	151
DAKHLA	00	9	28	1	0	0	—	6.7	38.0	16	0	00	8	28	1	0	0	—	5.9	33.4	20	0	152
RED SEA TÔR	00	7	28	5	0	0	—	3.9	35.4	44	0	00	7	28	1	0	0	—	4.6	30.6	63	0	145
HURGHÂDA	00	8	02	4	0	0	—	3.2	34.4	43	0	00	8	30	4	0	0	—	4.2	31.7	41	0	146
QUSEIR	00	8	02	3	0	0	—	4.2	31.4	61	0	00	8	02	1	0	0	—	4.4	29.7	62	0	147
PORT SÛDÂN	01	8	06	4	1	3	8	1	39	54													208
NORTH SÛDÂN WÂDI HALFA	00	8	28	3	0	1	1	3	40	14													165
KAREIMA	02	8	32	2	1	5	4	6	41	07													166
'ATBARA	02	7	24	2	1	6	8,4	3	40	17													167
KHARTÛM	02	8	22	4	1	5	8,4	5	37	29													209
KASSALA	01	8	18	2	1	3	8,1	5	34	41													170
CENTRAL SÛDÂN WAD MEDANI	01	9	16	3	1	4	8	6	34	41													171
RENK	01	9	20	2	1	5	8	8	32	63													182
ROSEIRES	01	8	20	1	1	4	5	7	31	59													172
EL OBEID	01	9	18	4	1	4	8,4	6	33	44													174
EL FÂSHER								—											—				175
GENEINA								—											—				179
KADUGLI																							187
S. SÛDÂN MALAKÂL	02	8	18	2	1	6	6,4	8	30	62													176
WÂU	51	8	16	1	8	6	9	8	27	79													177
JUBA																							173

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 h. m.	PORT SA'ÎD 12h. 15m.	ALMÂZA h. m.	MINYA 13h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 12h 30m.	KHARTÛM 12h 30m.	KASSALA 13h. m.	EL OBEID 13h. 15m.	MALAKAL 13h. m.	JUBA h. m.
		03 33 20		03 24 20			03 32 20	03 28 05	06 21 25	06 23 20	06 24 20	06 22 15	
		06 32 15		06 24 25			06 32 30	06 28 10	09 24 10	09 22 20	09 23 30	09 23 15	
		09 28 20		09 33 40			09 22 30	09 28 15	15 24 15	15 19 15	15 22 25	15 24 15	
		15 27 30		15 23 35			15 33 35	15 27 20	21 24 05	21 20 20	21 21 05	21 23 20	
		21 27 15		18 33 40			21 34 25	21 28 30	30 10 02	30 20 35	30 14 20	33 28 05	
		33 22 35					30 34 30	30 25 25					
		45 23 30					39 29 20						
		48 22 30											

Remarks

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

STATION	Mean of day: Humidity % on 25th	Diff from normal	Wet Bulb Temp °C on 25th	Diff from normal
Alexandria	70	-5	23.0	-0.1
Ezbekîya	58	-2	22.6	+0.1
Gîza	56	-4	22.6	+0.3
Helwân	51	+2	20.9	+0.4

GÎZA — GRASS MINIMUM TEMP. ON 26th 15.4 °C

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	26-7	1910	4340
	25-7	1910	4051

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba		14.40	+0.77	13.73	+0.11
Nâsser	7			9.48	+0.13
Malakâl		11.53	+0.04	11.52	+0.05
J. Aulia Res.					
J. Aulia D.S					
Roseires		16.90	-0.46	16.84	-0.39
Sennar Res.					
Khartûm				12.20	-1.14
Kh. el Girba					
'Atbara				11.50	-1.03
Kajnarti	26			134.50	-1.30
Aswân Res.		100.68	—	101.21	—
Aswân D.S		86.70	-0.90	86.70	-0.80
Roda (Cairo)				16.60	+0.79

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STATION	8h Sat 26th: Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	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												—		—				99
MATRÛH	00	9	32	3	0	0	—	10.7	+0.8	26.2	29	+1	22	0	81	0	55	161
MARIUT	01	7	27	2	1	4	6	10		27		—	21	—	70	0	139	128
ALEXANDRIA	02	9	32	2	1	5	8	10.0	+0.5	26.0	30	0	24	+1	69	0	106	186
DAMIETTA	01	7	26	3	1	3	8	9.0	+0.6	26.0	30	—	20	—	79	0	32	106
PORT SA'ÎD	01	8	20	2	1	4	8	9.5	+1.7	26.3	32	+1	24	0	72	0	27	81
EL 'ARÎSH	01	9	20	1	1	3	3	9.2	+0.6	28.8	31	+1	22	+1	61	0	47	94
LOWER EGYPT DAMANHÛR	01	7	24	2	1	4	8	9.6	+0.7	26.5	33	0	21	+1	74	0	84	101
MANSÛRA	01	8	28	1	1	4	6	9.6	+1.0	27.0	35	0	20	-1	66	0	15	55
TANTA	01	8	28	2	1	4	8	9.8	+0.6	26.0	35	0	18	-2	71	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	9.8	+0.6	30.2	35	0	21	+1	56	0	24	27
SHEBÎN EL KÔM	00	8	22	1	0	0	—	10.3	+1.1	27.8	36	—	21	—	66	0	9	—
MIDDLE EGYPT CAIRO ALMAZA	05	6	06	1	0	4	8	10		25	35	—	21	—	84	0	14	—
CAIRO EZBEKÎYA	05	6	32	2	1	3	8	9.8	+0.9	26.0	35	-1	23	+1	72	0	13	26
CAIRO GÎZA	06	7	00	0	1	3	8	10.2	+1.4	26.0	35	0	20	0	70	0	20	27
HELWÂN	00	7	02	2	0	2	6	9.8	+0.9	25.0	34	-1	21	0	68	0	5	29
SUEZ	00	9	02	1	0	0	—			29.2	37	+1	23	0	56	0	4	17
UPPER EGYPT FAIYÛM	00	8	00	0	0	0	—	9.5	+0.4	26.3	35	-2	23	+2	66	0	8	8
MINYA	00	9	32	2	0	0	—	8.2	-0.4	27.4	36	-1	22	0	57	0	dr	—
ASYÛT	00	7	22	1	0	0	—	8.8	+0.6	27.8	37	0	21	-2	59	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.4	+1.5	29.8	38	—	19	—	44	0	0	—
QENA	00	7	24	2	0	0	—	7.5	+0.8	24.0	42	+2	24	0	31	0	dr	—
LUXOR	00	9	04	1	0	0	—	7.1	+0.6	25.0	42	+1	23	0	28	0	dr	—
ASWÂN	00	9	00	0	0	0	—	7.4	+0.4	31.0	42	+1	26	0	24	0	dr	—
WESTERN DESERT SÎWA	00	7	00	0	0	0	—	11.0	-0.6	26.2	37	-1	22	+1	75	0	2	8
BAHARÎYA	00	8	00	0	0	0	—	8.0	-1.9	30.0	37	0	21	+1	47	0	dr	7
KHÂRGA	00	9	00	0	0	0		—	—	29.3	39	-1	23	0	47	0	dr	—
DÂKHLA	00	8	28	1	0	0	—	8.7	+0.3	30.5	40	+1	24	+1	25	0	dr	—
RED SEA TÔR	00	7	32	1	0	0	—	6.8	+1.0	28.8	37	+3	24	0	51	0	2	13
HURGHÂDA	00	8	30	4	0	0	—	6.6	+0.2	30.1	37	+2	26	+1	61	0	dr	3
QUSEIR	00	8	32	2	0	0	—	6.7	+0.7	30.3	34	0	27	0	55	0	dr	4
PORT SÛDÂN	00	9	00	0	0	2	1	3		46					33	0	154	101
NORTH SÛDÂN WÂDI HALFA																0	tr	—
KAREIMA	00	8	22	2	0	0	—	8		31					49	0	1	9
'ATBARA	01	7	24	3	1	4	4	7		33					36	0	tr	25
KHARTÛM	01	8	20	4	2	4	1	9		27					66	12	26	59
KASSALA	00	8	16	3	0	0	—	9		28					70	0	43	128
CENTRAL SÛDÂN WAD MEDANI	00	9	18	4	0	0	—	9		27					79	0	134	162
RENK	01	9	20	3	0	5	1	11		25		—		—	84	—	—	270
ROSEIRES	01	8	14	1	1	5	4	10		26					84	3	434	397
EL OBEID	01	9	20	4	1	4	4	10		27					66	0	204	151
EL FÂSHER	00	8	14	2	0	3	4	—	—	26					74	0	59	112
GENEINA	02	8	00	0	1	5	4	—	—	22		—		—	88	—	—	213
KADUGLI	01	8	20	2	1	4	1	12		24		—		—	74	—	—	435
S. SÛDÂN MALAKÂL	02	8	18	2	1	5	4,2	13		24					65	0	470	471
WÂU	52	8	00	0	5	8	5	14		23					89	5	758	690
JUBA	02	8	00	0	8	5	6,4	13		23					89	tr	836	704

UPPER WINDS ON 26th الرياح العليا يوم ٢٦

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD 6h. 45m.	KAREIMA 7h. m.	KHARTÛM 6h. 30m.
			02 35 15		02 32 05				06 35 40	03 21 10	06 21 35
			05 36 10		05 03 05				09 35 35	06 20 20	09 22 35
			08 34 20						12 33 20	09 06 05	12 11 05
			10 32 20						15 33 20	15 01 10	15 02 10
			15 31 30						21 23 15	21 03 15	18 25 25
			20 31 35						24 25 20	24 04 20	21 04 15
			23 29 20						30 22 20		24 04 15
			25 29 15						33 21 20		
			30 26 25						39 18 25		

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. m.	EL FÂSHER 9h. m.	GENEINA h. m.	MALAKAL 6h. m.
06 19 30	03 27 10	06 22 30	09 16 15		06 27 20
09 21 25	06 29 15	09 23 45	15 21 30		09 27 20
15 24 20	09 30 35	12 23 30	21 20 20		15 31 15
21 30 05	12 31 35	15 23 15	24 20 20		18 32 25
24 01 20	15 31 30	21 13 15	30 07 15		21 33 20
	21 35 20	24 12 15			24 34 20
	24 25 20	27 28 15			30 34 20
					33 34 25
					39 34 20
					54 34 20

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			

CYPRUS SYNOPTIC 8h ON 26th
34800 00990 18100 07272 10101 xxxxx

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 or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick ,, ,, ,, ,, 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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

PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Sunset h. m. 18 52 — Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h. and 20h. on SATURDAY 26th (الساعة ١٤ و ٢٠ يوم السبت ٢٦)

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	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	4	0	0	—	10.6	27.4	76	0	00	8	30	3	0	0	—	11.1	26.2	82	0	131
Mariut	01	7	28	3	0	4	6	10	29	66	0	01	7	29	2	0	3	6	10	25	74	0	150
Alexandria	01	9	28	5	2	4	4	9.5	28.6	59	0	02	6	28	3	2	5	8	10.6	26.0	69	0	132
Damietta	00	8	28	3	1	2	8	8.4	28.7	65	0	01	7	28	2	1	3	6	8.8	25.2	80	0	159
Port Sa'îd	00	8	32	2	0	1	8	8.8	31.2	57	0	01	8	30	2	1	4	8	9.4	25.8	75	0	134
El 'Arîsh	00	9	28	3	0	0		8.4	29.7	59	0	00	9	30	3	0	0	—	8.7	26.2		0	135
LOWER EGYPT																							
Damanhûr	00	7	32	3	1	3	8	9.5	30.0	53	0	01	7	32	3	1	4	8	10.4	25.5	88	0	136
Manşûra	01	8	20	2	1	4	8	8.6	32.0	42	0	00	6	28	2	1	0	—	9.5	25.8	70	0	137
Ţanta	01	8	28	3	1	4	8	8.6	32.0	43	0	00	8	00	0	1	0	—	10.2	25.5	76	0	138
Zagazig	01	6	32	2	1	4		8.3	32.8	46	0												139
Shebîn el Kôm	01	8	22	3	1	3	8	9.2	37.2	28	0	00	7	30	2	0	0	—	9.9	27.0	64	0	—
MIDDLE EGYPT																							
Cairo: Almâza	00	7	30	2	0	2	8	8.2	32.1	58	0	00	7	32	2	0	0	—	9.0	30.2	53	0	141
Cairo: Ezbekîya	00	8	30	1	0	0	—	8.4	32.4	38	0	00	7	32	1	0	0	—	9.1	28.3	53	0	—
Cairo: Gîza	00	8	30	1	0	0	—	8.8	33.0	37	0	00	7	30	1	0	0	—	9.2	28.5	50	0	—
Ḥelwân	00	7	28	2	0	0	—	8.3	31.9	34	0	00	7	32	4	0	0	—	8.8	29.0	42	0	143
Suez	00	4	02	1	0	0	—		33.9	31	0	00	9	02	1	0	0	—	7.8	29.7	48	0	144
UPPER EGYPT																							
Faiyûm	00	8	00	0	0	0	—	8.0	33.0	33	0	00	8	32	2	0	0	—	8.6	30.2	44	0	153
Minya	00	9	04	3	0	0	—	7.2	35.1	29	0	01	9	32	2	1	3	1	8.3	30.7	36	0	154
Asyûţ	00	8	20	1	0	0	—	8.0	35.3	31	0	00	6	22	1	0	0	—	7.8	31.5	35	0	155
Nag' Ḥamâdi	00	8	24	1	0	0	—	6.8	36.9	25	0	00	8	00	0	0	0	—	7.0	29.7	42	0	164
Qena	00	8	26	3	0	0	—	5.2	39.6	14	0	00	6	24	2	0	0	—	5.5	32.6	33	0	156
Luxor	00	9	28	3	0	0	—	5.6	39.5	16	0	00	8	30	2	0	0	—	5.0	34.2	26	0	157
Aswân	00	8	28	2	0	0	—	4.8	40.3	15	0	00	9	32	2	0	0	—	6.4	37.6	17	0	158
WESTERN DESERT																							
Sîwa	00	8	24	3	0	0	—	10.8	36.8	30	0	00	—	32	4	0	0	—	11.4	30.5	44	0	148
Baḥarîya	00	8	28	2	0	0	—	9.8	35.5	22	0	00	7	32	1	0	0	—	9.2	32.0	28	0	149
Khârga	00	9	00	0	0	0	—	—	41.0	26	0	00	9	28	1	0	0	—	—	35.3	27	0	151
Dakhla	00	9	00	0	0	0	—	8.0	37.3	19	0	00	8	28	1	0	0	—	7.4	34.1	21	0	152
RED SEA																							
Ţôr	00	7	28	4	0	0	—	5.4	31.5	60	0	00	7	28	2	0	0	—	5.6	33.8	48	0	145
Hurghâda	00	8	32	4	0	0	—	4.4	35.0	51	0	00	8	28	4	0	0	—	5.4	30.6	45	0	146
Quşeir	00	8	32	2	0	0	—	4.4	31.8	66	0	00	8	32	2	0	0	—	5.4	28.9	45	0	147
Port Sûdân	01	8	04	3	1	3	8,1	3	35	74													208
NORTH SÛDÂN																							
Wâdi Ḥalfa																							165
Kareima	02	8	12	2	1	8	4,2	6	42	14													166
'Aţbara	02	7	24	2	1	5	1	3	41	10													167
Khartûm	01	8	24	2	0	3	4,2	5	38	29													209
Kassala	02	8	20	2	1	5	8,1	5	36	37													170
CENTRAL SÛDÂN																							
Wad Medani	01	8	20	4	0	4	6	5	36	35													171
Renk																							182
Roseires	60	7	20	2	1	8	9	7	27	84													172
El Obeid																							174
El Fâsher	01	8	10	4	1	4	8	—	34	36									—				175
Geneina	02	8	16	1	1	8	4,2	—	29	59									—				179
Kadugli	01	8	21	1	0	4	1	8	30	55													187
S. SÛDÂN																							
Malakâl	02	8	20	3	1	5	9	8	29	70													176
Wâu	02	8	20	2	5	7	6,4	10	27	70													177
Juba	02	8	28	1	1	7	8,4	10	30	62													173

At 8h. on SUNDAY 27th (الساعة ٨ يوم 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.	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	26	4	1	3	8	10.8	+0.8	26.2	29	+1	22	0	78	0	55	161
Mariut	01	7	28	2	1	4	6	9		27	29	—	23	—	70	0	139	138
Alexandria	01	9	28	4	2	4	8	9.8	+0.3	26.2	31	+1	24	+1	67	0	106	186
Damietta	01	8	28	2	1	3	8	8.6	+0.2	27.4	30	—	22	—	66	0	32	106
Port Sa'îd	01	8	28	2	1	4	8	9.0	+1.2	27.6	32	+1	24	0	63	0	27	81
El 'Arîsh	01	9	20	1	1	3	3	8.4	-0.2	28.8	30	-1	22	+1		0	47	94
LOWER EGYPT																		
Damanhûr	01	7	28	3	1	4	8	9.8	+0.9	28.0	31	-2	21	+1	71	0	84	101
Manşûra	00	8	02	1	0	0	—	9.2	+0.6	27.2	33	-2	21	0	61	0	15	55
Ţanta	01	8	26	1	1	4	8	9.8	+0.6	26.6	33	-2	19	-1	65	0	8	44
Zagazig	01	6	02	2	1	4		9.5	+0.3	28.6	33	-2	21	+1	61	0	24	27
Shebîn el Kôm	01	8	30	2	1	3	8	9.9	-0.2	28.3	37	—	22	—	61	0	9	—
MIDDLE EGYPT																		
Cairo: Almaza	01	7	01	1	1	4	6	9.0	+0.1	25.8	34	—	22	—	79	0	14	—
Cairo: Ezbekîya	05	6	28	2	1	5	8	9.5	+0.6	26.8	35	-1	23	+1	66	0	13	26
Cairo: Gîza	01	7	32	1	1	4	8	9.9	+1.1	25.7	34	-1	21	+1	68	0	20	27
Ḥelwân	01	7	32	2	1	4	8	9.5	+0.5	25.1	33	-2	21	0	67	0	5	29
Suez	00	9	02	1	0	0	—			29.4	36	0	24	+1	52	0	4	17
UPPER EGYPT																		
Faiyûm	02	7	32	1	2	5	8	9.6	+0.5	25.3	35	-2	22	+1	71	0	8	8
Minya	00	9	28	3	0	0	—	8.4	-0.2	27.0	35	-2	22	0	57	0	dr.	—
Asyûţ	00	7	22	1	0	0	—	9.1	+0.9	28.0	37	0	22	-1	57	0	0	4
Nag' Ḥamâdi	00	8	00	0	0	0	—	8.0	+1.1	28.8	38	—	21	—	49	0	0	—
Qena	00	7	26	3	0	0	—	7.0	+0.9	34.3	41	+1	24	0	26	0	dr.	—
Luxor	00	9	26	2	0	0	—	7.2	+0.7	33.5	41	0	24	+1	33	0	dr.	—
Aswân	00	9	00	0	0	0	—	7.2	+0.2	31.8	42	+1	27	+1	25	0	dr.	—
WESTERN DESERT																		
Sîwa	00	7	28	2	0	0	—	12.6	+1.0	26.0	37	-1	23	+2	84	0	2	8
Baḥarîya	00	8	32	1	0	0	—	9.6	-0.3	25.5	37	0	22	+2	65	0	dr.	7
Khârga	00	9	32	2	0	0	—			30.0	41	+1	24	+1	44	0	dr.	—
Dâkhla	00	8	00	0	0	0	—	9.1	+0.7	31.9	39	0	25	+2	35	0	dr.	—
RED SEA																		
Ţôr	00	7	28	4	0	0	—	6.3	+0.5	30.3	34	0	27	+3	55	0	2	13
Hurghâda	00	8	30	5	0	0	—	5.9	-0.4	29.1	36	+1	27	+2	52	0	dr.	3
Quseir	00	7	32	3	0	0	—	5.9	-0.1	29.8	33	-1	27	0	57	0	dr.	4
Port Sûdân	01	8	32	4	1	3	1	3		37					24	0	154	101
NORTH SÛDÂN																		
Wâdi Ḥalfa	02	8	32	2	0	8	2	6		31					24	0	tr.	—
Kareima	01	8	04	1	1	4	2	7		32					24	0	1	9
'Aţbara	00	8	24	2	0	0	—	8		28					35	0	tr.	25
Khartûm	02	8	20	4	2	7	2	8		28					66	0	26	60
Kassala																0	43	132
CENTRAL SÛDÂN																		
Wad Medani	02	9	30	3	1	7	8	10		25					84	1	135	167
Renk												—		—		—	—	274
Roseires	02	8	20	1	2	8	9			27					66	46	480	403
El Obeid	02	8	18	3	6	8	6,5	11		23					78	32	236	154
El Fâsher	02	8	20	3	2	8		—	—	24					94	0	59	117
Geneina								—	—			—		—		—	—	220
Kadugli	01	8	12	1	2	4	5	12		24		—		—	84	—	—	440
S. SÛDÂN																		
Malakâl	02	8	16	1	1	8	6,4	13		23					89	15	485	477
Wâu	21	8	18	1	5	7	4,5	14		23					89	1	759	696
Juba	02	8	12	1	1	7	4,2	14		24					89	27	863	708

UPPER WINDS ON 26 (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.

Matrûḥ	Mariuţ	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12h. 30m.	12h. 30m.	13h. m.	13h. m.	13h. m.	12h. 45m.
								03 32 15	06 24 10	06 22 10	06 23 10	06 24 15	06 10 05
								06 32 20	09 25 15	09 23 05	09 23 10	09 20 15	09 05 05
								09 34 15	15 27 10	15 21 15	15 20 20	15 26 10	15 29 05
								15 34 15	21 01 15	21 21 30	21 17 05	21 27 10	
								21 32 15	30 07 05	30 22 25			
								30 19 15		39 24 20			
								39 18 25		45 01 15			

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.

Matrûḥ	Mariuţ	Port Sa'îd	Helwân	Minya	Asyûţ	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	h. m.	h. m.	9h. m.	h. m.	7h. m.	h. m.	h. m.	7h. m.	7h. 15m.	7h. 15m.	h. m.
			02 33 15		02 33 15			09 05 25	09 34 25	09 04 55	
			05 34 15		05 36 30			15 03 20	15 36 40	15 03 30	
			08 36 15		10 02 60			21 32 30	21 33 20	21 36 15	
			10 35 15					24 32 35	24 33 25	24 35 15	
			15 05 25								
			20 03 20								
			23 02 25								
			25 01 25								

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
6h. 30m.	6h. 45m.	7h. m.	h. m.	7h. m.	7h. 15m.
09 25 35	09 36 20	09 36 30		09 36 05	09 14 15
15 20 20	15 33 20	15 29 15		15 30 20	15 16 20
21 02 30	21 33 30	21 24 20		21 31 15	21 18 30
27 03 30	24 33 25			27 30 10	24 18 40

Remarks

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

Station	Mean of day: Humidity % on 26th	Diff from normal	Wet Bulb Temp °C on 26th	Diff from normal
Alexandria	67	-8	22.3	-0.8
Ezbekiya	59	-1	22.0	-0.6
Giza	56	-4	21.9	-0.3
Helwân	52	+3	20.8	+0.2

GÎZA — Grass minimum temp. on 26th 18.2 °C

CAIRO — Water temp. River Nile at 9h. on ... °C

Discharges at Aswân measured by sluices m³ per sec.	1947	1946
Date 27th	1910	4340
Date 26th	1910	4340

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.40	+0.77
Nâşşer					
Malakâl				11.52	+0.04
J. Aulia Res.					
J. Aulia D.S					
Roşeires	27th			16.90	-0.46
Sennar Res.				17.19	—
Khartûm				12.36	-1.12
Kh. el Girba					
'Atbara		11.55	-1.22	11.51	-1.14
Kajnarti		135.03	-1.15	134.71	-1.29
Aswân Res.		100.35	—	100.68	—
Aswân D.S		86.71	-1.00	86.70	-0.90
Roda (Cairo)				16.58	+0.74

CYPRUS SYNOPTIC 8h ON 27th

34700 10990 06200 06291 90000 00210

34850 00551 28201 07382 30302 00210

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			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick ,, ,, ,, ,, 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Sunset h. m. 18 51 — Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h. on Sunday 27th (الساعة ١٤ يوم ٢٧) — At 20h. on 27th (الساعة ٢٠ يوم الأحد 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	30	3	0	0	—	10.7	32.2	78	0	00	8	30	3	0	0	—	11.5	26.3	88	0	131
MARIUT	01	7	29	4	1	4	6	9	29	74	0	00	7	30	2	0	0	—	8	26	79	0	150
ALEXANDRIA	01	9	02	6	2	4	4	8.8	29.4	65	0	00	6	02	3	0	0	—	9.1	26.4	75	0	132
DAMIETTA	00	8	30	3	1	1	8	7.6	28.9	71	0	00	7	25	3	1	0	—	7.5	26.0	70	0	159
PORT SA'ÎD	00	8	28	3	0	0	—	7.9	31.3	62	0	01	8	26	2	1	4	3	7.6	26.6	85	0	134
EL 'ARÎSH	00	9	18	4	0	0	—	7.4	29.3	58	0	00	9	30	2	0	3	3	7.5	26.9	78	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	29	3	1	0	—	8.6	30.5	65	0	00	7	32	3	0	0	—	8.7	26.0	82	0	136
MANSÛRA	01	8	32	2	1	3	8	7.8	33.0	50	0	00	6	28	2	1	0	—	8.2	26.6	78	0	137
TANTA	00	8	28	3	1	0	—	8.3	33.0	47	0												138
ZAGAZIG	00	6	32	2	0	0	—	7.2	33.2	47	0	00	6	32	2	0	0	—		23.4	79	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	—	8.4	34.4	36	0	00	7	30	2	0	0	—		27.4	61	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	30	1	0	0	—	7.4	31.9	40	0	00	7	32	3	0	0	—	7.0	30.0	57	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	7.8	32.6	44	0	00	7	30	3	0	1	8	8.2	28.8	58	0	—
CAIRO GÎZA	00	8	28	2	0	0	—	7.9	32.9	39	0	00	7	28	2	0	0	—	8.7	27.7	61	0	—
HELWÂN	00	7	30	4	0	0	—	7.4	32.6	38	0	00	7	30	5	0	0	—	7.1	29.5	57	0	143
SUEZ	00	9	02	1	0	0	—		33.0	33	0	00	9	02	1	0	0	—		26.7	47	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	1	0	0	—	7.1	32.4	32	0	00	8	00	0	0	0	—	7.0	30.6	51	0	153
MINYA	00	8	32	4	0	0	—	7.8	33.6	32	0	00	9	32	2	1	2	1	[illegible]	30.0	40	0	154
ASYÛT	00	8	20	1	0	0	—	7.4	34.0	27	0	00	6	26	1	0	0	—	7.1	30.0	26	0	155
NAG' HAMÂDI	00	8	24	2	3	0	—	5.5	35.4	28	0	00	8	24	1	0	0	—	5.2	29.0	35	0	164
QENA	00	8	24	3	0	0	—	5.1	39.0	15	0	00	6	24	2	0	0	—	5.4	31.4	32	0	156
LUXOR	00	9	28	3	0	0	—	5.2	38.0	23	0	00	8	30	2	0	0	—	5.0	33.3	32	0	157
ASWÂN	01	9	30	1	1	4	1	4.6	39.2	11	0	00	9	32	2	0	0	—	5.1	37.0	10	0	158
WESTERN DESERT																							
SÎWA	00	8	24	3	0	0	—	11.8	36.4	41	0	00		00	0	0	0	—	11.2	32.5	49	0	148
BAHARÎYA	00	8	28	2	0	0	—	7.9	34.0	27	0	00	7	32	1	0	0	—	8.0	30.8	30	0	149
KHÂRGA	00	9	28	1	0	0	—	—	37.5	29	0	00	9	32	2	0	0	—	—	34.0	30	0	151
DAKHLA'	00	9	28	2	0	0	—	7.1	36.3	19	0	00	8	28	1	0	0	—	8.7	33.1	25	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	5.1	30.5	65	0	00	7	28	1	0	0	—	5.1	32.8	59	0	145
HURGHÂDA	00	8	32	5	0	0	—	3.6	33.8	25	0	00	8	28	4	0	0	—	4.6	29.1	36	0	146
QUSEIR	00	8	32	3	0	0	—	3.8	31.2	70	0	00	8	32	2	0	0	—	4.2	30.3	58	0	147
PORT SÛDÂN	01	8	04	3	1	4	2	2	37	40													208
NORTH SÛDÂN																							
WÂDI HALFA	02	8	02	3	1	8	2	5	41	13													165
KAREIMA																							166
'ATBARA	02	8	32	2	1	5	1	1	42	08													167
KHARTÛM	02	7	20	4	2	7	8,2	5	37	27													209
KASSALA	02	8	20	3	1	7	8,1	5	34	47													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	20	4	1	4	8	6	35	39?													171
RENK	02	9	20	1	2	8	6	10	24	89?													182
ROSEIRES	02	7	21	2	8	5	9	10	24	94													172
EL OBEID	02	8	16	3	8	8	8,4	8	28	66													174
EL FÂSHER	02	8	08	2	6	7	6,5	—	28	66									—				175
GENEINA	02	8	20	1	1	6	6	—	28	62									—				179
KADUGLI	02	8	20	1	2	6	4	10	26	79													187
S. SÛDÂN																							
MALAKÂL	02	8	28	2	2	8	6	11	25	79													176
WÂU	51	8	18	2	5	7	9	9	29	66													177
JUBA																							173

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

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car 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	26	3	0	0	—	10.0	0.0	26.1	29	+1	21	-1	81	0	65	161
MARIUT	00	7	26	3	0	2	6	8		22	30	—	25	—	70	0	139	138
ALEXANDRIA	01	9	28	5	1	4	4	8.8	-0.7	26.6	30	0	25	+2	80	0	106	186
DAMIETTA	01	8	28	2	1	3	8	7.5	-0.9	27.6	30	—	22	—	81	0	32	106
PORT SA'ÎD	01	8	28	2	1	4	8	8.0	+0.2	28.4	32	0	25	+1	73	0	27	81
EL 'ARÎSH	01	9	20	1	1	3	3	7.8	-0.8	30.2	30	-1	32	+1	64	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	28	3	0	0	—	8.8	-0.1	27.2	31	-2	21	+1	79	0	84	101
MANSÛRA	00	8	30	1	0	0	—	8.2	-0.4	28.0	34	-1	23	+2	70	0	15	55
TANTA	00	8	28	2	0	0	—	9.0	-0.3	27.0	33	-2	20	0	69	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	8.4	-0.8	30.6	34	-1	22	+2	66	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	9.1	-0.1	28.0	36	—	22	—	71	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	26	1	2	5	8	9.4	+0.5	25.5	35	—	23	—	82	0	14	—
CAIRO EZBEKÎYA	01	6	30	2	1	4	6	8.7	-0.2	27.9	34	-2	24	+2	71	0	13	26
CAIRO GÎZA	01	7	28	3	1	4	8	9.0	+0.2	27.1	34	-1	23	+3	75	0	20	27
HELWÂN	01	7	28	2	1	4	6	8.8	-0.2	25.2	34	-1	24	+3	77	0	5	29
SUEZ	00	9	00	0	0	0	—	7.1	-1.1	28.6	36	0	24	+1	57	0	4	17
UPPER EGYPT																		
FAIYÛM	01	8	02	1	1	3	8	8.8	-0.3	27.1	36	-1	23	+2	68	0	8	8
MINYA	01	9	32	3	1	4	2	9.0	+0.4	27.4	34	-3	22	0	56	0	dr	—
ASYÛT	00	7	22	1	0	0	—	8.6	+0.4	27.8	35	-2	23	0	65	0	0	4
NAG' HAMÂDI	00	8	32	1	0	0	—	7.5	+0.6	28.6	36	—	21	—	62	0	0	—
QENA	00	7	24	2	0	0	—	6.3	-0.4	33.0	41	+1	24	0	36	0	dr	—
LUXOR	02	9	24	1	2	5	1	6.7	+0.2	34.0	39	-2	23	0	31	0	dr	—
ASWÂN	02	9	28	2	1	5	1	7.5	+0.5	30.0	40	-1	26	0	31	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	12.0	+0.4	25.6	38	0	22	+1	87	0	2	8
BAHARÎYA	01	8	32	1	1	4	8	9.1	-0.8	26.0	35	-2	21	+1	69	0	dr	7
KHÂRGA	01	9	00	0	1	3	1	—	—	28.9	38	-2	24	+1	60	0	dr	—
DÂKHLA	00	8	28	1	0	0	—	9.6	+1.2	29.2	37	-2	23	0	32	0	dr	—
RED SEA																		
TÔR	00	7	28	2	0	0	—	5.4	-0.4	28.4	31	-2	26	+2	71	0	2	13
HURGHÂDA	00	8	28	4	0	0	—	5.6	-0.7	29.6	35	0	26	+1	57	0	dr	3
QUSEIR	00	8	32	3	0	0	—	5.4	-0.6	31.6	32	-2	25	-2	32	0	dr	4
PORT SÛDÂN	05	6	16	1	1	6	2	5		36					29	0	154	101
NORTH SÛDÂN																		
WÂDI HALFA																0	tr	—
KAREIMA	02	8	24	1	1	5	2	8		32					21	0	1	10
'ATBARA	01	8	22	4	0	3	2	8		30					49	0	tr	25
KHARTÛM	02	8	18	4	1	5	2	10		27					70	0	26	62
KASSALA	02	8	18	3	1	5	4	9		26					62	0	43	135
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	16	3	6	2	1	7		26					70	0	135	172
RENK	00	9	20	3	0	0	—	13		25		—		—	84	—	—	278
ROSEIRES																tr	480	409
EL OBEID	02	9	18	5	1	8	4,5	11		24					29	tr	236	158
EL FÂSHER	02	8	12	2	1	5	4,2	—	—	24					69	tr	59	122
GENEINA								—	—			—		—		—	—	227
KADUGLI	02	8	04	1	2	6	4	12		22		—		—	83	—	—	445
S. SÛDÂN																		
MALAKÂL	02	8	16	1	1	5	6	13		24					89	0	485	483
WÂU	02	8	00	0	1	8	6,4	13		23					89	1	760	702
JUBA																24	887	712

UPPER WINDS ON 27th (الرياح العليا يوم ٢٧)

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	13 h. m.	12 h 45 m.	13 h. m.	13 h. m.	h. m.
							03 34 10		06 23 25	06 23 25	06 23 15	06 36 25	
							06 34 15		09 24 20	09 24 30	09 25 20	09 01 30	
							09 24 15		15 25 25	15 24 40	15 23 15	15 03 40	
							15 33 15		21 21 10	21 22 20	21 15 20	21 02 15	
							21 02 05		30 02 25	30 13 15	30 06 25		
							30 31 50		39 08 25				

UPPER WINDS ON 28th (الرياح العليا يوم ٢٨)

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h 15 m.	h. m.	h. m.	9 h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.
03 30 30			02 33 10		02 31 15				06 36 30	03 10 10	06 19 30
06 33 30			05 30 05		05 36 15				09 35 35	06 08 35	09 21 35
09 22 25			08 24 25		10 02 45				15 33 15	09 07 35	15 24 25
12 35 20			10 24 30						21 24 45	15 05 25	21 30 15
15 32 20			15 35 30							21 05 20	24 31 15
18 34 30			20 02 30							24 02 20	
			22 01 30							30 31 15	
										39 29 15	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h 15 m	7 h. m.	7 h 15 m	7 h. m.	h. m.	7 h. m.
06 19 35	03 18 15	06 23 20	09 19 10		06 16 10
09 18 25	06 18 15	09 21 30	15 14 15		09 16 15
15 19 30	09 18 20	15 17 20	21 12 15		15 15 15
21 25 35	15 21 15	21 12 20	30 10 45		21 19 20
					30 20 30
					39 20 35

UPPER AIR TEMP — ALMÂZA

AT G.M.T. ON

HEIGHT FEET	P P P mb	T T °F	T T °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 28th

34700 00990 12200 05272 10002 00180
34800 00990 26200 05321 60802 xxxxx

Remarks

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

Mean of day

Station	Humidity % on 27th	Diff from normal	Wet Bulb Temp °C on 27th	Diff from normal
Alexandria	69	-6	23.3	+0.2
Ezbekiya	59	-1	23.0	+0.4
Giza	60	0	22.3	+0.1
Helwân	59	+10	22.1	+1.5

GÎZA — GRASS MINIMUM TEMP. ON 28th 21.1 °C

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

Discharges at Aswân measured by sluices m³ per sec. Date	1947	1946
28-7	1910	4340
27-7	1910	4340

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28—7				
Nâsser				9.57	+0.17
Malakâl		11.55	+0.04	11.54	+0.05
J. Aulia Res.				374.97	—
J. Aulia D.S				371.83	-1.50
Roseires		17.48	-0.12	16.70	-0.77
Sennar Res.				17.20	—
Khartûm				12.57	-1.01
Kh. el Girba					
'Atbara				11.55	-1.22
Kajnarti				135.03	-1.15
Aswân Res.		100.00	—	100.35	—
Aswân D.S		86.72	-0.85	86.71	-1.00
Roda (Cairo)				16.58	+0.71

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

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

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Sunset h. m. 18 51 — Month JULY 1947 — شهر يوليه ١٩٤٧

At 14h. on Monday 28th — ٧/٢٨ الساعة ١٤ يوم — At 20h. on 28th — الساعة ٢٠ يوم الاثنين ٢٨

Station	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station number
Mediterranean																							
Salûm																							130
Matrûh	01	9	30	3	1	3	8	9.6	28.2	76	0	01	8	28	2	0	3	8	9.4	26.2	87	0	131
Mariut	00	7	26	4	0	0	—	8	29	70	0	00	7	28	2	0	1	6	8	26	89	0	150
Alexandria	00	9	28	6	0	0	—	8.2	29.0	69	0	00	6	28	3	0	0	—	8.6	26.0	82	0	132
Damietta	00	8	28	4	1	0	—	6.8	30.0	66	0	00	7	28	3	1	0	—	7.8	26.0	90	0	159
Port Sa'îd	00	7	30	4	0	0	—	7.0	31.6	64	0	00	8	30	3	0	0	—	7.4	26.9	80	0	134
El 'Arîsh	00	9	28	5	0	0	—	6.6	30.1	68	0	01	9	30	3	1	4	3	7.1	25.7	91	0	135
Lower Egypt																							
Damanhûr	00	7	32	3	0	0	—	8.2	32.2	53	0	00	7	24	3	0	0	—	8.8	26.2	82	0	136
Mansûra	00	8	28	2	0	0	—	7.2	34.0	43	0	00	6	32	2	0	0	—	7.4	27.0?	76	0	137
Tanta	00	8	28	3	0	0	—	7.2	34.5	44	0	00	8	28	1	0	0	—	7.9	28.5?	47?	0	138
Zagazig	00	6	32	2	0	0	—	6.6	34.4	54	0	00	6	32	2	0	0	—		25.2	69	0	139
Shebîn el Kôm	00	8	30	3	0	0	—	6.4	35.7	38	0	00	7	30	2	0	0	—	8.3	27.4	71	0	—
Middle Egypt																							
Cairo: Almaza	00	8	32	2	0	0	—	6.3	34.1	42	0	00	8	29	2	0	0	—	7.5	30.2	56	0	141
Cairo: Ezbekîya	00	8	30	2	0	1	1	6.6	35.1	37	0	00	7	23	3	0	0	—	7.8	29.3	57	0	—
Cairo: Gîza	00	8	30	2	0	1	1	7.1	34.8	39	0	00	8	28	2	0	0	—	8.2	28.1	64	0	—
Helwân	00	7	28	3	0	1	1	6.3	34.3	34	0	00	7	32	3	0	0	—	7.4	30.4	47	0	143
Suez	00	9	02	1	0	0	—		35.7	34	0	00	9	02	1	0	0	—	6.7	30.8	47	0	144
Upper Egypt																							
Faiyûm	01	8	30	1	1	3	8	6.3	35.1	27	0	00	8	30	1	0	0	—	8.0	31.8	31	0	153
Minya	01	9	32	3	1	3	2	7.8	33.8	28	0	00	9	32	2	1	0	—	7.2	30.7	36	0	154
Asyût												00	6	22	1	0	0	—	7.0	32.0	28	0	155
Nag Hamâdi	00	8	00	0	0	0	—	5.5	35.7	29	0	00	8	00	0	0	0	—	5.4	29.7	49	0	164
Qena	00	8	24	2	0	0	—	4.2	39.8	21	0	00	6	24	2	0	0	—	4.4	32.4	34	0	156
Luxor	00	9	26	2	0	0	—	4.6	39.0	21	0	00	8	30	2	0	0	—	5.1	33.6	28	0	157
Aswân	00	9	28	1	0	0	—	4.6	38.6	16	0	00	9	00	0	0	0	—	5.5	36.6	15	0	158
Western Desert																							
Sîwa	00	8	28	4	0	0	—	11.5	34.4	25	0	00		00	0	0	0	—	10.7	30.5	35	0	148
Baharîya	01	8	24	1	1	3	8	7.6	35.2	23	0	00	7	00	0	0	0	—	9.2	31.0	29	0	149
Khârga												01	9	04	1	0	3	1	—	34.0	29	0	151
Dâkhla	00	9	28	2	0	0	—	6.8	36.0	19	0	00	8	28	1	0	0	—	8.4	32.6	22	0	152
Red Sea																							
Tôr	00	7	28	4	0	0	—	4.7	30.8	69	0	00	7	28	2	0	0	—	4.6	31.9	55	0	145
Hurghâda	00	8	20	4	0	0	—	4.2	32.1	49	0	00	8	20	3	0	0	—	3.6	30.0	54	0	146
Quseir	00	8	02	2	0	0	—	6.0	30.8	71	0	00	8	10	1	0	0	—	4.7	29.8	70	0	147
Port Sudân																							208
North Sudân																							
Wâdi Halfa																							165
Kareima																							166
Atbara																							167
Khartûm																							209
Kassala																							170
Central Sudân																							
Wad Medani																							171
Renk																							182
Roseires																							172
El Obeid																							174
El Fâsher								—											—				175
Geneina								—											—				179
Kadugli																							187
S. Sudân																							
Malakâl																							176
Wâu																							177
Juba																							1?3

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

Upper winds on 28th ٢٨

Matrûh	Mariut	Port Sa'îd	Almaza	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.

Remarks

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

Station	Mean of day: Humidity % on 28th	Diff from normal	Wet bulb temp °C on 28th	Diff from normal
Alexandria	79	+4	24.2	+1.0
Ezbekîya	61	+1	23.7	+1.1
Gîza	65	+4	23.7	+1.4
Helwân	60	+11	22.6	+2.0

GÎZA — Grass minimum temp on 29th 19.4 °C

CAIRO — Water temp River Nile at 9h. on °C

Discharges at Aswan measured by sluices m³ per sec.	1947	1946
Date 29.7	1910	4630
Date 28.7	1910	4340

Gauge	Date 1947	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal
Jûba	29—7				
Nâsser					
Malakâl				11.55	+0.04
J. Aulia Res.				375.11	—
J. Aulia D.S.				371.93	-1.52
Roseires		17.85	+0.13	17.48	-0.12
Sennar Res.				17.20	—
Khartûm				12.66	-1.02
Kh. el Girba					
'Atbara				11.65	-1.24
Kajnarti				135.36	-1.00
Aswân Res.		99.90	—	100.00	—
Aswân D.S.		86.72	-1.28	86.72	-0.85
Roda (Cairo)					

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

At 8h on Tuesday 29th — الساعة ٨ يوم الثلاثاء 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	Rainfall past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Salûm												—		—				99
Matrûh	01	9	26	2	0	3	8	8.8	-1.2	26.4	29	+1	26	+4	76	0	55	161
Mariut	01	7	27	2	1	4	6	8	—	28	30	—	25	—	70	0	139	138
Alexandria	01	9	28	3	1	4	8	8.3	-1.2	27.0	30	0	25	+2	75	0	106	186
Damietta	00	8	28	3	1	3	8	7.2	-1.2	27.5	31	—	21	—	80	0	32	106
Port Sa'îd	02	8	22	1	2	5	8	7.5	-0.4	27.6	32	0	25	+1	76	0	27	81
El 'Arîsh	01	1	00	0	1	4	3	7.4	-1.2	30.0	32	+1			58	0	47	94
Lower Egypt																		
Damanhûr	00	7	32	3	0	0	—	8.3	-0.7	27.0	32	-1	22	+2	83	0	84	101
Mansûra	01	8	02	1	1	3	8	7.8	-0.8	27.6	35	0	21	0	73	0	15	55
Tanta	00	8	00	0	0	0	—	7.9	-1.4	27.2	35	0	20	0	71	0	8	44
Zagazig	01	6	24	2	1	4	8	7.6	-1.6	29.4	36	+1	22	+2	69	0	24	27
Shebîn el Kôm	00	8	28	2	0	2	8	8.6	-0.6	28.2	37	—	22	—	70	0	9	—
Middle Egypt																		
Cairo: Almaza	01	7	28	1	2	4	6	8.2	-0.7	26.5	36	—	23	—	77	0	14	—
Cairo: Ezbekîya	05	6	02	1	1	4	8	8.3	-0.6	27.4	36	0	24	+2	70	0	13	26
Cairo: Gîza	01	7	28	2	1	3	8	8.4	-0.4	26.7	36	+1	22	+2	73	0	20	27
Helwân	00	7	30	1	0	2	8	8.6	-0.4	25.1	36	+1	22	+1	81	0	5	29
Suez	00	9	00	0	0	0	—	6.7	-1.5	29.7	37	+1	24	+1	51	0	4	17
Upper Egypt																		
Faiyûm	00	8	00	0	0	0	—	8.7	-0.5	28.0	37	0	23	+2	63	0	8	8
Minya	00	9	32	2	0	0	—	8.2	-0.4	27.6	34	-3	23	+1	59	0	dr	—
Asyût	00	7	22	1	0	0	—	8.6	+0.4	28.5	36	-1	23	0	53	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	8.0	+1.1	30.3	37	—	22	—	46	0	0	—
Qena	00	7	24	2	0	0	—	6.6	-0.1	33.0	41	+1	25	+1	37	0	dr	—
Luxor	00	9	20	2	0	0	—	7.0	+0.5	34.0	41	[illegible]	27	+4	27	0	dr	—
Aswân	00	9	00	0	0	0	—	8.3	+1.3	31.3	40	-1	28	+2	28	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	11.0	-0.6	26.0	37	-1	21	0	76	0	2	8
Baharîya	00	8	00	0	0	0	—	8.2	-1.7	27.5	36	-1	21	+1	57	0	dr	7
Khârga	01	9	00	0	0	3	1	—	—	30.8	37	-3	23	0	43	0	dr	—
Dâkhla	00	8	28	1	0	0	—	9.4	+1.0	31.2	37	-2	23	0	28	0	dr	—
Red Sea																		
Tôr	00	7	28	1	0	0	—	5.5	-0.3	30.9	34	0	25	0	59	0	2	13
Hurghâda	00	8	30	5	0	0	—	6.2	-0.1	30.1	33	-2	26	+1	57	0	dr	3
Quseir	00	8	28	1	0	0	—	5.9	-0.1	32.6	34	0	26	-1	51	0	dr	4
Port Sudân	00	8	16	1	0	2	1	5		31					49	0	154	101
North Sudân																		
Wadi Halfa																0	tr	—
Kareima	00	8	02	2	0	0	—	9		27					28	0	1	10
Atbara	01	7	20	3	1	4	4,5	9		26					66	0	tr	26
Khartûm	02	8	16	4	1	6	4,5	10		29					40	0	26	64
Kassala	00	8	16	3	1	3	4,1	9		27					62	0	43	138
Central Sudân																		
Wad Medani	02	9	18	4	1	7	4	10		26					79	4	139	177
Renk	01	9	20	3	0	5	1	13		25			—		84	—	—	282
Roseires	01	8	20	1	1	4	5,1	11		24					94	0	480	415
El Obeid	02	9	18	4	1	5	4	10		26					66	0	236	161
El Fâsher	01	8	16	2	1	4	1	—	—	27					74	0	59	127
Geneina	01	8	00	0	1	4	4	—	—	22			—	—	94	—	—	234
Kadugli	01	8	20	1	1	5	1	12		23			—	—	100	—	—	450
S. Sudân																		
Malakâl	21	8	00	0	5	8	5	12		23					94	2	487	490
Wâu	00	8	00	0	0	0	—	13		23					89	0	760	709
Juba																0	887	716

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

Upper winds on 29th ٢٩

Matrûh	Mariut	Port Sa'îd	Helwân 9h 00m	Minya	Asyût	Luxor	Aswân	Wâdi Halfa 7h	[illegible] 7h	Kareima	Khartûm
			02 31 20					09 36 35	06 01 15		
			05 34 15					15 20 20	09 34 25		
			10 31 30					21 20 05	15 33 30		
			15 27 25					24 30 10	21 32 20		
			20 26 25					30 22 10	30 29 20		
			23 20 10					33 21 10			
			25 16 10					39 15 20			
			28 15 05								

Kassala 7h	Port Sudân 7h	El Obeid	El Fâsher	Geneina 7h	Malakâl
09 22 30	03 21 15			06 18 35	
15 23 15	06 27 15			09 20 40	
21 24 25	09 31 15			15 23 30	
30 26 20	15 33 25			21 24 30	
	21 35 40				

Upper air temp — at G.M. on — Nicosia

Height feet	PPP mb.		
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Cyprus synoptic 8h on

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 or Haze 08; Distant Fog 09; Rain in sight 10; Thunder, no rain 11; Distant Duststorm 12; Squally 14; Slight Duststorm 18; Rain in past hour 20-29; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick [illegible] 42; Fog in patches 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 85, 89; Thunderstorm 90-99; ended, now Rain 91; with Hail 94-96; with Duststorm 98; heavy, with Hail 99

Past weather (W)

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

Visibility (V)

Objects not visible at 50 metres 0; 200 1; 500 2; Kilometres 3; 2 4; [illegible] 5; [illegible] 6; [illegible] 7; [illegible] 8; [illegible] 9

Cloud amount (N)

Clear 0; Trace 1; [illegible]

Cloud form (C)

[illegible] 1; Cirro-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.: 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 is Calm

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

DAILY WEATHER REPORT

Time of Sunrise 5 12 h. m. — Sunset 18 50

Month JULY 1947 — شهر يوليه ١٩٤٧

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	Force F	Past weather W	Cloud Amount N	Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present weather ww	Visibility V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	Rain mms
Mediterranean	Salûm																						
	Matrûh	00	9	30	3	0	0	–	8.3	28.3	69	0	01	8	30	3	0	2	8	8.4	26.6	85	0
	Mariut	00	7	27	4	0	2	6	7	30	66	0	00	7	30	1	0	0	–	7	25	84	0
	Alexandria	01	9	28	5	2	4	4	7.8	28.7	69	0	00	6	04	2	0	0	–	7.9	26.0	76	0
	Damietta	00	8	28	3	1	0	–	6.7	29.8	71	0	00	7	28	2	0	0	–	6.6	25.9	85	0
	Port Saîd	00	8	30	3	1	2	8	6.7	32.0	65	0	00	8	30	3	0	2	8	6.7	26.6	80	0
	El Arîsh												00	9	30	3	0	0	–	6.4	25.9	88	0
Lower Egypt	Damanhûr	00	7	32	4	0	0	–	7.6	31.0	50	0	00	7	32	3	0	0	–	8.2	25.5	80	0
	Mansûra	01	8	28	2	1	3	8	6.7	34.2	37	0	00	6	28	2	1	0	–	7.1	26.6	71	0
	Tanta	00	8	00	0	1	0	–	6.8	35.0	42	0											
	Zagazig	00	6	32	2	0	0	–	6.2	34.8	40	0	00	6	32	2	0	0	–		26.4	62	0
	Shebîn el Kôm	00	8	30	3	0	0	–	6.3	34.8	35	0	00	7	30	2	0	0	–		27.8	60	0
Middle Egypt	Cairo Almaza	00	8	28	3	0	0	–	5.2	36.5	20	0	00	7	30	2	0	0	–	6.0	30.0	55	0
	Cairo Ezbekîya	00	8	24	3	0	0	–	5.9	36.0	28	0	00	7	30	3	0	0	–	7.1	29.4	57	0
	Cairo Gîza	00	8	28	2	0	0	–	6.6	35.9	33	0	00	8	28	2	0	0	–	7.2	28.2	60	0
	Helwân	00	8	24	1	0	1	8	5.8	35.1	28	0	00	7	30	4	0	0	–	6.0	30.1	52	0
	Siut	00	9	00	0	0	0	–		35.8	38	0	00	9	30	1	0	0	–		30.7	47	0
Upper Egypt	Fayûm	00	8	30	2	0	0	–	5.5	35.7	22	0	00	8	00	0	0	0	–	5.9	28.9	52	0
	Minya	00	9	12	3	0	0	–	6.8	34.9	30	0	00	9	32	1	0	0	–	7.4	31.9	39	0
	Asyût	00	8	22	1	0	0	–	6.8	35.4	27	0	00	6	22	1	0	0	–	7.0	30.0	36	0
	Nag Hamâdi	00	8	00	0	0	0	–	5.8	37.3	25	0	00	8	00	0	0	0	–	5.5	29.0	51	0
	Qena	00	8	24	2	0	0	–	5.1	39.0	24	0	00	6	24	2	0	0	–	4.0	32.6	31	0
	Luxor	00	9	26	2	0	0	–	4.4	40.0	20	0	00	8	22	2	0	0	–	4.4	34.6	28	0
	Aswân	00	9	28	1	0	0	–	5.1	38.6	18	0	00	9	00	0	0	0	–	5.0	36.5	19	0
Western Desert	Sîwa	01	8	28	3	1	4	4	10.6	35.2	42	0	02		00	0	1	6	4	8.8	31.8	32	0
	Bahariya	01	8	32	2	1	3	8	7.4	36.0	25	0	02	7	28	1	2	5	1	6.6	31.0	37	0
	Khârga	00	9	28	1	0	0	–	–	39.5	24	0											
	Dakhla	00	9	28	1	0	0	–	7.5	35.6	22	0	00	8	00	0	0	0	–	6.3	31.9	24	0
Red Sea	Tor	00	7	28	3	0	0	–	5.8	32.4	60	0	00	7	28	2	0	0	–	4.6	35.9	56	0
	Hurghâda	00	8	04	4	0	0	–	5.4	32.4	52	0	00	8	00	0	0	0	–	4.0	29.1	62	0
	Quseir	00	8	02	3	0	0	–	5.2	31.1	70	0	00	8	04	2	0	0	–	5.1	28.4	76	0
	Port Sûdân	00	8	06	3	0	0	–	3	36	62												
North Sûdân	Wâdi Halfa																						
	Kareima	01	8	32	3	0	4	4	6	41	13												
	Atbara	01	7	20	2	1	4	8,4	4	39	23												
	Khartûm	02	7	22	3	2	5	8,4	6	36	37												
	Kassala	01	8	22	2	1	4	8	6	34	41												
Central Sûdân	Wad Medani	01	8	14	3	1	5	8	6	36	33												
	Renk	01	9	20	1	1	5	8	8	31	66												
	Roseires																						
	El Obeid	01	9	20	3	1	4	8,4	6	33	41												
	El Fâsher	11	8	14	2	1	4	8,4	—	33	41												
	Geneina	01	8	22	2	1	4	8,4	—	29	66												
	Kadugli	01	8	12	1	1	5	1	9	31	52												
S. Sûdân	Malakâl																						
	Wâu	02	8	20	2	1	6	8,4,1	8	31	49												
	Juba																						

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

Upper winds on 29th (٢٩)

Matrûh	Mariut	Port Saîd	Almaza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakâl	Juba
h m	12h 45m	h m	h m	12h 45m	h m	h m	h m	12h 30m	13h	13h	13h	h m	h m
	03 29 30			03 03 15				03 35 05	06 25 40	06 23 15	06 27 15		
	06 30 20			06 02 15				06 25 20	09 25 35	09 23 15	09 25 15		
	09 22 30			09 22 05				09 01 15	15 27 25	15 21 15	15 21 15		
	15 26 10			15 28 15				15 36 15	21 27 20	21 31 25	21 14 15		
	21 21 20			21 30 25				21 06 10	30 07 25	30 36 20	30 08 35		
	27 22 20			24 28 20				30 26 15	39 11 25	39 09 20			
	30 24 20							39 33 20	45 12 40	45 11 15			
	45 23 35							45 16 10					
	51 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 29th	Diff. from normal	Wet bulb temp. °C on 29th	Diff. from normal
Alexandria	74	-1	23.8	+0.6
Ezbekiya	61	+1	23.1	+0.5
Giza	62	+1	23.2	+0.9
Helwân	63	+13	22.5	+1.9

GÎZA — Grass minimum temp. on 30th 17.9 °C

CAIRO — Water temp. River Nile at 9h. on °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1947	1946
	30-7	1910	5093
	29-7	1910	4630

Gauge	Date 1947	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	30 — 7	14.46	+0.81	14.13	+0.48
Nâsser				9.62	+0.18
Malakâl		11.57	+0.03	11.56	+0.04
J. Aulia Res.		375.30	–	375.21	–
J. Aulia D.S.		372.22	-1.46	372.05	-1.53
Roseires		17.42	-0.48	17.85	+0.13
Sennar Res.				17.16	–
Khartûm		12.90	-1.04	12.80	-0.99
Kh. el Girba					
Atbara		11.99	-1.08	11.86	-1.09
Kajnarti		135.50	-1.27	135.49	-1.06
Aswân Res.		100.05	–	99.90	–
Aswân D.S.		86.71	-1.43	86.72	-1.28
Roda (Cairo)		16.58	+0.64	16.56	+0.64

At 8h. on Wednesday 30th (الأربعاء ٣٠)

	Station	Present weather ww	Visibility V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temp. Dry bulb °C TTT	Max. yesterday °C MM	Diff. from normal	Min. today MM	Diff. from normal	Humidity	Rainfall	Rainfall	Rainfall
Mediterranean	Salûm																		99
	Matrûh	00	9	30	4	0	2	8	7.9	-2.1	27.1	29	+1	24	+2	75	0	55	161
	Mariut	01	7	26	3	0	4	6	6		28	30		22		70	0	139	138
	Alexandria	01	9	28	5	1	4	8	6.4	-2.1	27.2	31	+1	25	+2	72	0	106	186
	Damietta	00	8	20	2	1	2	8	6.7	-1.7	26.5	31		21		80	0	32	106
	Port Saîd	01	8	28	2	1	4	8	7.0	-0.9	27.0	33	+1	24	0	68	0	27	81
	El Arîsh	01	9	22	1	1	4	3	7.1	-1.5	29.7	33	+2	24	+3	67	0	47	94
Lower Egypt	Damanhûr	00	7	24	5	0	0	–	7.1	-1.9	26.7	32	-1	21	+1	77	0	84	101
	Mansûra	01	8	12	1	1	3	6	7.1	-1.5	27.8	36	+1	20	-1	65	0	15	55
	Tanta																0	8	44
	Zagazig	00	6	32	2	0	0	–	7.6	-1.6	30.7	36	+1	22	+2	62	0	24	27
	Shebîn el Kôm	00	8	22	2	0	0	–	8.0	-1.2	27.9	38		21		65	0	9	
Middle Egypt	Cairo Almaza	00	7	00	0	0	0	–	6.8	-2.1	25.5	37		23		74	0	14	–
	Cairo Ezbekîya	05	6	00	0	0	0	–	7.1	-1.8	26.7	37	+1	24	+2	67	0	13	26
	Cairo Gîza	00	8	28	1	0	0	–	7.1	-1.7	26.3	37	+2	21	+1	73	0	20	27
	Helwân	00	7	28	3	0	0	–	7.0	-2.0	25.9	37	+2	22	+1	36	0	5	29
	Siut	00	9	00	0	0	0	–			28.5	39	+3	24	+1	53	0	4	17
Upper Egypt	Fayûm	00	8	00	0	0	0	–	7.0	-2.2	28.3	37	0	23	+2	48	0	8	8
	Minya	00	8	32	2	0	0	–	7.4	-1.2	28.0	37	0	23	+1	60	0	dr	
	Asyût	00	7	22	1	0	0	–	7.5	-0.7	30.1	37	0	24	+1	39	0	0	4
	Nag Hamâdi	00	8	00	0	0	0	–	6.8	-0.1	30.0	38		21		49	0	0	
	Qena	00	7	24	2	0	0	–	6.3	-0.5	35.4	40	0	25	+1	28	0	dr	
	Luxor	00	9	24	2	0	0	–	6.0	-0.5	35.0	41	0	25	+2	28	0	dr	
	Aswân	00	9	00	0	0	0	–	6.8	-0.2	30.9	40	-1	26	0	32	0	dr	
Western Desert	Sîwa	00	7	00	0	0	0	–	10.2	-1.14	25.7	37	-1	20	-1	86	0	2	8
	Bahariya	00	8	32	1	0	0	–	7.8	-2.1	25.5	37	0	21	+1	69	0	dr	7
	Khârga																	dr	
	Dakhla	00	8	28	1	0	0	–	7.8	-0.6	30.2	37	-2	23	0	30	0	dr	
Red Sea	Tor	00	7	28	3	0	0	–	4.7	-1.2	28.2	34	0	25	0	68	0	2	13
	Hurghâda	00	8	30	4	0	0	–	4.6	-1.7	31.1	34	-1	27	+2	54	0	dr	3
	Quseir	00	8	32	2	0	0	–	4.4	-1.6	31.2	34	0	26	-1	71	0	dr	4
	Port Sûdân	00	8	00	0	0	0	–	4		38					37	0	154	101
North Sûdân	Wâdi Halfa																0	tr	
	Kareima	01	8	18	2	1	4	4	7		31					38	0	1	10
	Atbara	01	7	20	3	1	4	4	7		31					49	0	tr	26
	Khartûm	02	8	16	3	2	5	6,4	10		27					70	1	27	66
	Kassala	01	8	14	3	0	3	6	9		26					79	17	60	140
Central Sûdân	Wad Medani	02	9	16	5	2	7	6	10		26					79	0	139	182
	Renk	01	9	20	2	1	5	6	12		25					84	—	—	286
	Roseires	02	7	20	2	2	8	9	9		23					89	0	480	421
	El Obeid	02	8	20	4	6	8	6,5	9		23					89	10	246	165
	El Fâsher	02	8	08	3	1	8	6,4	—	—	23					78	3	62	132
	Geneina	09	7	00	0	6	7	8	—	—	22	—		—		94	Rain	—	241
	Kadugli	01	8	22	1	2	5	8	11		23	—		—		78			455
S. Sûdân	Malakâl	02	8	00	0	1	8	6,4	11		23					100	0	487	496
	Wâu	52	8	00	0	5	8	6,5	12		23					94	2	762	716
	Juba	02	8	10	1	1	7	4,5	13		22					88	0	887	721

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

Upper winds on 30th (٣٠)

Matrûh	Mariut	Port Saîd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h m	h m	h m	h m	h m	h m	h m	h m	h m	6h 45m	7h	
									06 32 40	03 21 10	
									09 33 40	06 20 10	
									15 31 45	09 08 05	
									21 29 45	15 05 20	
										21 04 30	
										33 05 10	
										39 07 05	

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakâl
7h m	6h 45m	7h m	h m	7h m	
06 18 35	03 18 05	06 25 30		09 24 05	
09 17 30	06 17 05	09 25 35		15 09 10	
15 23 15	09 12 10	15 24 30		21 12 15	
21 33 30	15 10 20			24 10 20	
30 02 30	21 17 05				
39 10 30					
45 11 45					

Upper air temp. — Height feet	PPP mb	TT °F
Surface		
500		
1000		
1500		
2000		
4000		
6000		
8000		
10000		
12000		
14000		
16000		

Cyprus synoptic report on 30th

34700 00990 08100 05271 20002 00180
34800 00990 28100 05282 10101 00210

PRESENT WEATHER ww: Clear 00; Partly cloudy 01; Cloudy 02; Overcast 03; Low fog 04; Thick haze 05; Dust devil 06; ...

WIND FORCE: Calm; Almost calm; Very light; Light; Moderate; Fresh; Strong; Very strong; Gale; Strong gale; Whole gale; Storm 91-104; Hurricane over 104 12

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

CLOUD FORM (C): Cirrus; Cirro-stratus 2; ...; Strato-cumulus 6; Nimbo-stratus 7; Cumulus 8; Cumulo-nimbus 9; Stratus 0

PHYSICAL DEPARTMENT

1417 F.C.

Sunset H. M. 18 50

Month JULY 1947

DAILY WEATHER REPORT

شهر يوليه ١٩٤٧

At 14h. on WEDNESDAY 30th. الساعة ١٤ يوم ٣٠ الأربعاء

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	30	4	0	0	—	8.2	27.4	63	0
MARIUT	01	7	26	4	1	4	6	6	29	66	0
ALEXANDRIA	02	9	28	6	2	5	8	6.6	28.6	61	0
DAMIETTA	01	8	28	3	0	3	8	5.5	32.0	48	0
PORT SA'ÎD	00	8	04	2	0	0	—	6.3	31.0	49	0
EL 'ARÎSH	00	9	28	4	0	0	—	5.6	29.3		0
LOWER EGYPT											
DAMANHÛR	01	7	24	4	1	4	8	7.1	31.0	53	0
MANSÛRA	01	8	20	1	1	4	8	5.9	33.0	41	0
TANTA	01	8	28	3	1	4	8	5.8	32.0	44	0
ZAGAZIG	00	6	32	2	0	0	—	5.9	32.8	43	0
SHEBÎN EL KÔM	01	8	28	3	1	2	8	5.8	35.2	40	0
MIDDLE EGYPT CAIRO ALMÂZA	00	8	24	1	0	2	8	5.4	33.8	29	0
EZBEKÎYA	00	8	26	1	0	1	8	5.5	33.3	32	0
GÎZA	00	8	28	1	0	0	—	6.2	34.9	29	0
HELWÂN	00	8	28	1	0	1	8	5.1	33.9	20	0
SUEZ	00	9	02	1	0	0	—		34.9	29	0
UPPER EGYPT											
FAIYÛM	00	8	30	1	0	0	—	5.8	33.9	23	0
MINYA	01	8	20	3	1	3	8	5.8	36.8	28	0
ASYÛT	00	8	22	1	0	0	—	6.6	36.0	20	0
NAG' HAMÂDI	00	8	32	1	0	0	—	4.8	36.4	27	0
QENA	00	8	24	3	0	0	—	3.6	38.0	19	0
LUXOR	00	9	26	2	0	0	—	0.2	39.0	21	0
ASWÂN	00	9	30	1	0	0	—	3.9	39.3	19	0
WESTERN DESERT											
SÎWA	00	8	28	2	0	0	—	9.6	36.0	42	0
BAHARÎYA	00	8	32	1	0	0	—	6.3	34.0	22	0
KHÂRGA	00	9	28	1	0	0	—		38.6	23	0
DAKHLA	00	9	28	1	0	0	—	5.0	38.1	13	0
RED SEA											
TÔR	00	7	28	3	0	0	—	3.2	34.5	50	0
HURGHÂDA	00	8	02	4	0	0	—	2.7	34.6	44	0
QUSEIR	00	8	02	3	0	0	—	3.1	31.4	50	
PORT SÛDÂN	00	8	06	3	0	3	1	2	39	46	
NORTH SÛDÂN											
WÂDI HALFA	—										
KAREIMA	—										
'ATBARA	—										
KHARTÛM	01	8	20	4	2	5	4,1	6	34	44	
KASSALA	00	8	18	2	0	2	8	4	37	35	
CENTRAL SÛDÂN											
WAD MEDANI	02	9	16	4	1	7	2	8	29	59	
RENK	01	7	20	2	1	5	8	6	28	84	
ROSEIRES	01	8	18	1	1	4	4	10	28	90	
EL OBEID	02	8	14	1	1	8	8,5	7	28	62	
EL FÂSHER	02	8	00	0	6	5	8,4	—	29	52	
GENEINA	02	8	18	2	8	8	8,5	—	27		
KADUGLI	01	8	28	2	2	3	4	7	29	66	
S. SÛDÂN											
MALAKÂL	—										
WÂU	—										
JUBA	—										

At 20h. on 30th. الساعة ٢٠ يوم ٣٠ الأربعاء

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	8	30	4	1	3	8	8.8	25.9	83	0	131
MARIUT	01	7	29	1	1	4	6	6	25	84	0	150
ALEXANDRIA	02	6	32	2	2	5	8	7.1	26.0	76	0	132
DAMIETTA	01	7	28	1	1	3	8	6.2	26.5	80	0	159
PORT SA'ÎD	00	8	02	2	0	0	—	6.0	27.3	68	0	134
EL 'ARÎSH	00	9	02	3	0	0	—	6.0	27.2	69	0	135
LOWER EGYPT												
DAMANHÛR	00	7	24	3	1	0	—	7.1	25.5	76	0	136
MANSÛRA	00	6	28	2	1	0	—	6.8	26.6	71	0	137
TANTA	00	8	00	0	1	0	—	6.6	27.0	77	0	138
ZAGAZIG	00	6	24	2	0	0	—	6.6	27.4	75	0	139
SHEBÎN EL KÔM	00	7	22	2	0	0	—	7.0	27.2	65	0	—
MIDDLE EGYPT CAIRO ALMÂZA	00	7	30	2	0	0	—	5.2	29.2	63	0	141
EZBEKÎYA	00	7	32	2	0	2	8	6.2	29.0	60	0	—
GÎZA	00	7	32	2	0	0	—	7.0	29.7	63	0	—
HELWÂN	00	7	30	4	0	0	—	5.6	29.1	52	0	143
SUEZ	00	9	02	1	0	0	—		30.2	45	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	1	0	0	—	5.8	29.7	46	0	153
MINYA	00	9	32	1	1	0	—	6.7	32.5	36	0	154
ASYÛT	00	6	26	1	0	0	—	6.2	30.9	32	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	5.0	32.4	54	0	164
QENA	00	6	24	2	0	0	—	4.0	32.0	30	0	156
LUXOR	00	8	30	2	0	0	—	3.6	33.6	31	0	157
ASWÂN	00	9	28	1	0	0	—	4.0	35.0	24	0	158
WESTERN DESERT												
SÎWA	00	—	00	0	0	0	—	7.8	31.5	59	0	148
BAHARÎYA	02	7	28	1	1	5	4	6.0	30.5	35	0	149
KHÂRGA	00	9	00	0	0	0	—		32.6	31	0	151
DAKHLA	00	8	28	1	0	0	—	4.6	32.6	22	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—	2.4	35.5	49	0	145
HURGHÂDA	00	8	08	1	0	0	—	3.6	31.7	39	0	146
QUSEIR	00	8	02	2	0	0	—	3.6	28.0	68	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

UPPER WINDS ON 30th. الرياح العليا يوم ٣٠

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA 12 h. 30 m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 12 h. 45 m.	KHARTÛM h. m.	KASSALA 13 h. m.	EL OBEID 12 h. 30 m.	MALAKAL 13 h. 15 m.	JUBA h. m.
				02 29 35			03 23 05	03 06 10		06 21 35	06 16 10	06 21 15	
				06 29 15			06 31 05	06 07 05		09 20 20	09 17 10	09 21 15	
				09 30 10			09 31 10	09 10 05		15 20 25	15 31 05	15 24 20	
				12 21 20			15 29 10	21 07 05		21 21 20	21 13 20	21 24 20	
				15 25 15			21 29 55	24 31 05		24 25 10	24 13 20	24 25 20	
							24 28 60	30 29 10		30 28 15	27 13 20	30 25 15	
							30 28 45	33 24 05			30 11 20	33 26 15	
							39 21 40				33 08 25		
							45 19 10				39 05 30		

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. 45 m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7 h. m.
06 18 20	03 04 05	06 23 30			06 24 15
09 19 20	06 05 20	09 23 35			09 25 30
15 19 30	09 25 15	15 21 30			15 20 20
21 21 30	15 26 20	21 13 30			21 18 15
24 23 25	21 34 30	24 11 15			24 17 15
	24 33 30				30 12 20
	27 32 25				33 12 20
					39 05 10

UPPER WINDS ON 31st. الرياح العليا يوم ٣١

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	1947	1946
	31st.	1910	5093
	30th.	1910	5093

STATION	Mean of day: HUMIDITY % on 30th.	HUMIDITY Diff from normal	WET BULB TEMP °C on 30th.	WET BULB TEMP Diff from normal	Previous day: Reading	Previous day: Diff. from normal
Alexandria	72	−3	23.3	+0.1		
Ezbekiya	61	+1	22.5	−0.1		
Giza	64	+3	22.8	+0.5		
Helwân	55	+5	20.6	0.0		

GÎZA — GRASS MINIMUM TEMP. ON 31st. 17.5 °C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON 31st. °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day: Reading m.	Previous day: Diff from normal m.
Jûba				14.46	+0.81
Nâsser					
Malakâl				11.57	+0.03
J. Aulia Res.				375.30	—
J. Aulia D.S				372.22	−1.46
Roseires	31st.			17.42	−0.48
Sennar Res.					
Khartûm				12.90	−1.04
Kh. el Girba					
'Atbara				11.99	−1.08
Kajnarti		135.50	−1.49	135.50	−1.27
Aswân Res.		100.48	—	100.05	—
Aswân D.S		86.71	−1.56	86.71	−1.43
Roda (Cairo)		16.58	+0.61	16.58	+0.64

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

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM											—		—					99
MATRÛH	00	9	04	2	0	0	—	9.8	−0.2	26.8	29	+1	24	+2	79	0	55	161
MARIUT	01	7	04	2	1	4	6			28	30	—	25	—	66	0	139	138
ALEXANDRIA	02	9	04	2	2	5	8	9.1	−0.4	27.7	30	0	24	+1	63	0	106	186
DAMIETTA	01	8	02	2	1	3	8	7.9	−0.6	28.2	33	—	23	—	72	0	32	106
PORT SA'ÎD	02	8	04	1	2	5	8	7.6	−0.4	28.6	31	−1	25	+1	69	0	27	81
EL 'ARÎSH	01	9	00	0	1	3	3	7.6	−1.0	29.8	31	0	24	+3	65	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	04	2	0	0	—	9.1	0.0	26.5	33	0	21	+1	78	0	84	101
MANSÛRA	01	8	02	1	1	4	8	7.6	−1.1	28.6	35	0	23	+2	66	0	15	55
TANTA	01	8	00	0	1	4	8	8.6	−0.7	25.5	34	−1	20	0	65	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	8.3	−0.9	30.2	34	−1	22	+2	59	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	2	8	8.2	−1.0	26.9	37	—	22	—	66	0	9	—
MIDDLE EGYPT CAIRO ALMAZA	01	7	00	0	0	4	8	7.5	−1.4	26.2	36	—	24	—	73	0	14	—
EZBEKÎYA	05	6	00	0	1	4	8	7.8	−1.1	27.0	36	0	23	+1	69	0	13	26
GÎZA	05	6	00	0	0	0	—	8.0	−0.8	26.1	36	+1	21	+1	70	0	20	27
HELWÂN	01	7	00	0	1	4	8	7.8	−1.2	26.1	34	−1	22	+1	69	0	5	29
SUEZ	00	9	00	0	0	0	—			28.8	37	+1	25	+2	54	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	0	—	7.9	−1.3	26.7	36	−1	22	+1	64	0	8	8
MINYA	00	9	32	2	0	0	—	7.2	−1.4	29.8	37	0	23	+1	57	0	dz.	—
ASYÛT	00	7	22	1	0	0	—	7.6	−0.6	28.5	37	0	22	−1	52	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.2	+0.3	30.6	37	—	21	—	39	0	0	—
QENA	00	7	24	2	0	0	—	6.6	−0.2	32.0	39	−1	24	0	30	0	dz.	—
LUXOR	00	9	22	2	0	0	—	6.3	−0.3	33.8	40	−1	22	−1	29	0	dz.	—
ASWÂN	00	9	00	0	0	0	—	6.3	−0.7	31.0	40	−1	26	0	32	0	dz.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	9.5	−2.1	25.4	38	0	21	0	89	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	8.3	−1.7	26.5	36	−1	22	+2	65	0	dz.	7
KHÂRGA	00	9	04	1	0	0	—			27.8	40	0	22	−1	36	0	dz.	—
DAKHLA	00	8	28	1	0	0	—	8.0	−0.5	29.9	39	0	22	−1	28	0	dz.	—
RED SEA																		
TÔR	00	7	28	2	0	0	—	5.2	−0.7	30.8	35	+1	24	−1	61	0	2	13
HURGHÂDA	00	8	30	3	0	0	—	5.2	−1.2	31.2	37	+2	28	+3	51	0	dz.	3
QUSEIR	00	8	32	3	0	0	—	5.6	−0.5	33.0	34	0	27	0	48	0	dz.	4
PORT SÛDÂN			00	0	1	3	4,1	4		34			27		47	0	154	101
NORTH SÛDÂN																		
WÂDI HALFA																0	tr.	—
KAREIMA	00	8	24	2	0	0	—	6		34			29		29	0	1	10
'ATBARA	00	7	24	3	0	0	—	6		32			28		38	0	tr.	26
KHARTÛM	02	8	16	4	2	5	4	7		27					58	0	27	68
KASSALA	00	8	14	3	1	0	—	8		27			23		70	0	60	143
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	14	2	1	2		8		28					70	0	139	187
RENK	01	8	20	3	0	4	8	9		26		—		—	70	—	—	290
ROSEIRES	01	8	12	2	1	4	4	8		24					89	0	480	437
EL OBEID	02	9	20	4	1	6	8,4	9		26			23		74	tr.	246	166
EL FÂSHER	02	8	00	0	1	5	4	—	—	25			23		100	1	63	137
GENEINA								—	—			—		—		Rain	—	248
KADUGLI	01	8	20	2	2	4	1	11		23		—		—	84	—	—	460
S. SÛDÂN																		
MALAKÂL	02	8	20	3	1	5	6,4	11		24			21		84	0	487	502
WÂU	02	8	00	0	1	8		11		22					88	27	769	723
JUBA	03	7	20	2	6	8	6	13		23			21		89	3	890	725

UPPER WINDS ON 31st. الرياح العليا يوم ٣١

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

MATRÛH 7 h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. 15 m.	KHARTÛM 6 h. 30 m.
03 03 20					02 29 15			09 26 05	06 01 40	03 24 05	06 21 25
06 02 20					05 30 15			15 24 20	09 01 40	06 25 15	09 22 30
09 03 25					10 33 30			21 34 30	15 02 30	09 25 20	15 22 15
12 06 25									21 05 30	15 26 20	21 24 15
									24 03 10	21 29 30	
									30 04 10	24 29 30	
									39 31 05		
									45 29 15		
									60 34 20		

UPPER AIR TEMP. ALMÂZA AT G.M.T ON

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

CYPRUS SYNOPTIC 8h ON 31st.

34700 00990 08200 05291 60002 00200

34800 00990 23200 07291 90201 00220

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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.

Sunset 18 h. 49 m. Month ~~August~~ 1947 — ١٩٤٧ شهر أغسطس

At 14h. on Thursday 31-7 (الساعة ١٤ يوم ٣١/٧) and At 20h. on 31-7 (الساعة ٢٠ يوم الخميس ٣١/٧)

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	Temp. °C	% Humidity	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	Temp. °C	% Humidity	Rain 14-20h mms	Station number
Mediterranean																							
Salûm																							130
Matrûh	01	9	32	3	1	3	8	10.2	28.2	76	0	00	8	02	4	0	0	—	10.8	26.9	72	0	131
Mariut												00	7	30	2	0	0	—		26	84	0	150
Alexandria	00	9	32	5	0	0	—	8.6	29.0	67	0	00	6	04	3	0	0	—	9.0	26.2	77	0	132
Damietta	00	8	30	2	0	2	8	7.2	29.2	68	0	00	7	30	2	1	0	—	7.9	26.2	84	0	159
Port Sa'îd	00	8	02	3	0	0	—	7.8	31.3	60	0	00	8	30	2	0	0	—	8.4	26.7	84	0	134
El 'Arish												00	9	28	2	0	0	—	8.2	27.8	74	0	135
Lower Egypt																							
Damanhûr	01	7	04	3	1	4	8	8.0	32.0	45	0	00	7	04	2	0	0	—	8.8	26.7	70	0	136
Mansûra	01	8	02	2	1	3	8	7.4	32.8	41	0	00	6	02	2	1	0	—	8.7	26.8	71	0	137
Tanta	01	8	00	0	1	4	8	7.1	33.0	44	0	00	8	00	0	0	0	—	8.8	27.7	77	0	138
Zagazig	00	6	24	2	0	2	—	7.1	32.6	47	0	00	6	24	3	0	0	—	8.2	27.2	69	0	139
Shebin el Kôm	01	8	30	4	1	4	8	6.0	36.5	27	0	00	7	02	3	1	0	—	7.2	28.3	57	0	—
Middle Egypt																							
Cairo Almaza												00	7	02	2	0	0	—	7.0	31.1	49	0	141
Cairo Ezbekîya	00	8	28	2	0	0	—	7.0	33.4	34	0	00	7	00	0	0	0	—	7.6	30.4	38	0	—
Cairo Gîza	00	8	28	1	0	0	—	7.2	33.6	34	0	00	8	00	0	0	0	—	7.8	29.8	47	0	—
Helwân	00	8	24	2	0	0	—	6.3	33.2	28	0	00	7	32	3	0	0	—	7.2	30.7	42	0	143
Suez	00	9	02	1	0	0	—		33.7	42	0	00	9	02	1	0	0	—		29.9	46	0	144
Upper Egypt																							
Faiyûm	00	8	30	1	0	0	—	6.4	33.1	37	0	00	8	00	0	0	0	—	7.4	30.3	35	0	153
Minya	01	9	32	3	1	3	8	5.6	35.4	27	0	00	9	32	2	1	0	—	7.2	31.8	37	0	154
Asyût	00	8	26	1	0	0	—	7.1	35.6	26	0	00	6	22	1	0	0	—	7.2	30.0	41	0	155
Nag Hamâdi	00	8	32	1	0	0	—	5.5	36.2	23	0	00	8	00	0	0	0	—	6.3	29.7	46	0	164
Qena	00	8	24	2	0	0	—	5.2	39.0	16	0	00	6	24	2	0	0	—	5.8	30.4	41	0	156
Luxor	00	9	18	2	0	0	—	4.7	39.0	17	0	00	8	26	2	0	0	—	4.8	33.7	23	0	157
Aswân	00	9	32	1	0	0	—	3.8	40.0	16	0	00	9	00	0	0	0	—	5.5	37.0	17	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	—	9.5	36.4	42	0	00		00	0	0	0	—	8.0	32.5	32	0	145
Baharîya	01	5	32	2	1	3	4	6.3	35.0	30	0	00	7	32	1	0	0	—	6.7	30.0	30	0	148
Kharga	00	9	00	0	0	0	—		38.3	24	0	00	9	04	1	0	0	—	—	34.8	28	0	151
Dâkhla	00	9	28	2	0	0	—	6.8	37.3	17	0	00	8	00	0	0	0	—	5.5	34.2	18	0	152
Red Sea																							
Tôr												00	7	28	2	0	0	—	5.4	33.8	51	0	146
Hurghâda	00	8	02	4	0	0	—	4.2	32.6	58	0	00	8	00	0	0	0	—	5.1	30.6	41	0	147
Quseir	00	8	04	2	0	0	—	5.4	32.5	57	0	00	8	04	2	0	0	—	5.2	30.7	68	0	
Port Sûdân	00	8	06	2	0	0	—	3	38	51													
North Sûdân																							
Wadi Halfa	00	8	30	2	0	1	4	3	42	08													
Kareima	01	8	00	0	1	4	8,4	4	42	12													
Atbara	00	7	22	1	0	3	8	2	40	17													
Khartûm	01	8	22	2	1	3	8	4	37	31													
Kassala	01	8	18	2	1	4	8	4	35	44													
Central Sûdân																							
Wad Medani	01	8	18	3	0	5	8	5	35	39													
Renk																							
Roseires	01	8	20	2	1	3	4	7	31	86?													
El Obeid	02	9	14	3	1	6	8,4	5	31	52													
El Fasher	01	8	12	2	1	4	8,4	—	33	38													
Geneina	02	8	28	3	6	5	8,4	—	28	62													
Kadugli	01	8	20	2	2	4	1	7	29	62													
South Sûdân																							
Malakal	10	8	18	3	1	7	9,1	8	29	70													
Wau	02	8	20	1	1	6	8,4	8	28	66													
Juba	62	8	16	1	6	8	6	11	22	94													

Upper Winds are in the Code HHDDVV where HH is Height 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 31-7 (٣١-٧)

Matrûh	Mariut	Port Sa'îd	Almaza	Minya	Luxor	Hurghâda	Wadi Halfa 13h	Kareima 13h	Khartûm 13h	Kassala 13h	El Obeid 12h 45m	Malakal 13h	Juba
							03 03 05	02 09 05	06 22 15	06 22 15	06 21 20	06 21 20	
							06 33 10	06 05 05	09 21 05	09 21 10	09 19 25	09 23 15	
							09 31 10	09 10 05	15 31 05	15 21 20	15 18 15	15 24 20	
							15 31 20	15 30 05	21 07 15	21 22 25	21 14 30	21 21 40	
							21 28 20	21 30 05		30 32 15		30 20 40	
							30 25 35						

Remarks

Hours are Egyptian standard time, long. 80° E. and are two hours fast on Greenwich mean time.

Discharges at Aswân measured by sluices m³ per sec. Date	1947	1946
1-8	1910	4834
31-7	1910	5093

Station	Mean of day: Humidity % on 31-7	Diff from normal	Wet bulb temp °C on 31-7	Diff from normal
Alexandria	68	-7	23.3	0.0
Ezbekiya	51	-9	22.0	-0.7
Giza	55	-6	22.1	-0.2
Helwân	53	+3	21.5	+0.9

Gîza — Grass minimum temp. on 1-8: 19.3 °C

Cairo — Water temp. river Nile at 8h. on: °C

Gauge	Date 1947	Reading m	Diff from normal m	Previous day Reading m	Diff from normal m
Jûba	05	4.50	+0.84	14.14	+0.48
Nasser		9.70	+0.23	9.68	+0.20
Malakâl		11.58	+0.01	11.57	+0.01
J. Aulia Res.		375.48	—	375.44	—
J. Aulia D.S.		372.49	-1.39	372.26	-1.52
Roseires		17.86	-0.37	17.86	-0.22
Sennar Res.		17.20	—	17.20	—
Khartûm		13.26	-0.94	12.98	-1.09
Kh. el Girba		13.60	-0.02	13.30	-0.28
'Atbara		12.47	-0.80	12.20	-0.98
Kajnarti		135.45	-1.70	135.50	-1.49
Aswân Res.		101.00	—	100.48	—
Aswân D.S.		86.71	-1.74	86.71	-1.36
Roda (Cairo)		16.58	+0.58	16.58	+0.61

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

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	Diff from normal mbs	Dry bulb °C	Max. yesterday °C	Diff from norm °C	Min. today °C	Diff from norm °C	% Humidity	Rainfall past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Mediterranean																		
Salûm												—		—				99
Matrûh	00	9	30	2	0	0	—	11.9	+1.9	26.9	29	+1	23	+1	79	0	55	161
Mariut	01	7	31	2	0	4	6	10		28	30	—	24	—	79	0	139	138
Alexandria	01	9	04	3	1	4	4	10.8	+1.3	26.8	30	0	24	+1	78	0	106	186
Damietta	00	8	28	1	1	2	8	9.4	+0.9	28.8	32	—	21	—	72	0	32	106
Port Sa'îd	01	8	30	1	1	3	8	9.8	+1.8	28.6	32	0	24	0	73	0	27	81
El 'Arish	00	9	00	0	0	0	—	9.9	+1.3	30.1	31	0	21	0	65	0	47	94
Lower Egypt																		
Damanhûr	01	7	04	2	0	3	8	10.2	+1.1	26.3	33	0	22	+2	86	0	84	101
Mansûra	01	8	04	2	1	4	8	10.4	+1.7	28.0	36	+1	22	+1	76	0	15	55
Tanta	00	8	00	0	0	0	—	10.8	+1.4	27.0	34	-1	19	-1	77	0	8	44
Zagazig	01	6	28	2	1	4	8	11.0	+1.8	29.2	34	-1	20	0	71	0	24	27
Shebin el Kôm	01	8	02	2	1	4	8			27.3	36	—	22	—	76	0	9	—
Middle Egypt																		
Cairo Almaza	02	7	32	1	1	6	6	10.2		25.2	36	—	22	—	74	0	14	—
Cairo Ezbekîya	05	6	28	3	0	0	—	10.8	+1.9	26.3	35	-1	24	+2	73	0	13	26
Cairo Gîza	00	7	30	2	0	0	—	10.8	+2.0	26.3	34	-1	22	+2	74	0	20	27
Helwân	00	7	30	2	0	0	—	10.4	+1.4	25.8	34	-1	22	+1	76	0	5	29
Suez	00	9	30	1	0	0	—			28.6	37	+1	24	+1	58	0	4	17
Upper Egypt																		
Faiyûm	00	8	02	2	0	0	—	10.2	+1.0	27.0	35	+2	23	+2	69	0	8	8
Minya	00	9	30	2	0	0	—	9.0	+0.3	28.1	36	+1	23	+1	57	0	dr	—
Asyût	00	7	22	1	0	0	—	9.8	+1.5	28.0	37	0	22	-1	44	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	9.0	+2.1	29.6	38	—	20	—	48	0	0	—
Qena	00	7	24	2	0	0	—	8.3	+1.5	33.6	41	+1	24	0	32	0	dr	—
Luxor	00	9	06	2	0	0	—	8.4	+1.8	35.0	40	-1	23	0	28	0	dr	—
Aswân	00	9	32	2	0	0	—	8.8	+1.8	32.0	42	+1	28	+2	28	0	dr	—
Western Desert																		
Sîwa	00	7	04	2	0	0	—	12.0	+0.4	28.0	37	-1	23	+2	77	0	2	8
Baharîya	00	8	32	2	0	0	—	9.8	-0.2	25.0	38	-1	22	+2	68	0	dr	7
Kharga	00	9	32	1	0	0	—	—	—	30.2	40	0	25	+2	28	0	dr	—
Dâkhla	00	8	00	0	0	0	—	10.2	+1.7	30.2	40	+1	25	+2	32	0	dr	—
Red Sea																		
Tôr	00	7	28	2	0	0	—	7.5	+1.4	29.9	34	0	24	-1	70	0	2	13
Hurghâda	00	8	30	4	0	0	—	7.2	+0.8	31.3	36	+1	25	0	54	0	dr	3
Quseir	00	8	32	3	0	0	—	7.8	+1.7	31.2	33	-1	28	+1	62	0	dr	4
Port Sûdân	00	8	04	2	0	1	6	6		32					71	0	154	102
North Sûdân																		
Wadi Halfa	00	8	02	2	0	0	—	7		34					15	0	tr	—
Kareima	00	8	04	2	0	2	2	6		34					22	0	1	11
Atbara	00	7	32	2	0	1	4	5		34					18	0	tr	27
Khartûm	01	8	18	3	1	3	1	8		30					46	0	27	69
Kassala	02	8	22	2	1	7	8,4,2	8		29					46	0	60	145
Central Sûdân																		
Wad Medani																0	139	131
Renk												—		—			—	294
Roseires																0	480	433
El Obeid	02	9	00	0	1	7	4,3	9		26					70	0	246	172
El Fasher	01	8	16	4	1	5	8,4	—	—	27					35	0	63	141
Geneina	02	8	16	2	1	5	6	—	—	24	—		—		47	Rain	—	255
Kadugli											—		—				—	464
South Sûdân																		
Malakâl	81	8	00	0	1	8	6,4	13		24					94	0	487	507
Wau																0	789	730
Juba	01	8	14	1	4	4	6,4	13		23					89	12	902	730

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

Matrûh 7h 15m	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wadi Halfa	Abu Hamad	Kareima	Khartûm
03 26 15											
06 26 20											
09 25 20											
12 24 25											
15 24 15											
18 25 20											

Kassala	Port Sûdân	El Obeid 7h	El Fasher	Geneina	Malakal 7h 15m
		06 22 20			06 16 15
		09 24 40			09 16 10
		12 24 25			15 17 05
		15 25 15			18 17 10
		21 16 20			
		24 13 20			

Upper Air Temp. Almaza at G.M.T. on

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

Cyprus Synoptic 8h on 1st
34700 00990 08200 08321 60003 00190.
34800 00790 26200 08311 20305 00230.

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	[illegible]
Thick [illegible]	[illegible]
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	8[illegible], 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Hail	9[illegible]
" 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	[illegible]
Rain	[illegible]
Snow, sleet	[illegible]
Shower	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	[illegible]
500 "	[illegible]
1 Kilometre	[illegible]
[illegible] "	[illegible]
[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

WIND FORCE (F)

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

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

CLOUD FORM (C)

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

DAILY WEATHER REPORT

Sunset 18 h. 48 m. — Month AUGUST 1947 — شهر أغسطس ١٩٤٧

At 14h. on FRIDAY 1st — الساعة ١٤ 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 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	30	2	0	0	—	11.8	27.7	78	0	131
MARIUT	00	7	29	3	0	2	8	10	30	62	0	150
ALEXANDRIA	00	9	02	5	0	0	—	10.7	29.2	63	0	132
DAMIETTA	00	8	28	3	0	0	—	9.5	31.1	58	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	9.5	32.3	59	0	134
EL 'ARÎSH	00	9	30	2	0	0	—	9.2	30.0	70	0	135
LOWER EGYPT												
DAMANHÛR	01	7	24	3	1	3	8	10.0	33.2	54	0	136
MANSÛRA	01	8	02	1	1	4	8	9.6	35.0	37	0	137
ṬANTA	01	8	28	2	1	4	8	10.3	36.0	33	0	138
ZAGAZIG	00	6	32	2	0	0	—		33.4	37	0	139
SHEBÎN EL KÔM	01	8	02	3	1	3	8	9.5	36.2	36	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	28	2	0	1	8	9	36	29	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	—	9.0	35.8	29	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	9.2	34.8	33	0	—
HELWÂN	00	7	02	2	0	0	—	8.2	35.9	16	0	143
SUEZ	00	9	00	0	0	0	—		36.8	19	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	1	0	0	—	7.9	36.7	19	0	153
MINYA	00	9	32	3	0	0	—	6.3	34.3	32	0	154
ASYÛṬ												155
NAG' HAMÂDI	00	8	00	0	0	0	—	7.4	37.2	24	0	164
QENA	00	8	24	2	0	0	—	5.8	40.8	16	0	156
LUXOR	00	9	02	2	0	0	—	6.6	40.0	19	0	157
ASWÂN	00	9	32	2	0	0	—	5.4	40.0	20	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	11.8	38.0	49	0	148
BAHARÎYA	00	8	32	2	0	0	—	9.0	36.0	23	0	149
KHÂRGA	00	9	32	1	0	0	—		39.0	22	0	151
DAKHLA	00	9	28	2	0	0	—	7.5	38.6	15	0	152
RED SEA												
ṬÔR	00	7	28	4	0	0	—	7.5	31.8	67	0	145
HURGHÂDA	00	7	02	4	0	0	—	5.6	34.2	52	0	146
QUṢEIR	00	8	02	4	0	0	—	6.6	32.0	69	0	147
PORT SÛDÂN	00	8	06	3	0	0	—	4	37	40		208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA	02	8	00	0	1	8	2	6	41	16		166
'ATBARA	01	7	24	2	0	3	8,4	3	42	09		167
KHARTÛM	02	8	22	3	0	5	8,1	6	38	27		209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK	01	9	20	2	1	4	6	8	39	70		182
ROSEIRES												172
EL OBEID	01	9	20	3	1	4	8,4	6	33	44		174
EL FÂSHER	02	8	16	5	1	5	8,2	—	34	36		175
GENEINA	02	8	08	3	1	5	6	—	39	62		179
KADUGLI	02	8	12	2	2	5	4	9	38	62		187
S. SÛDÂN												
MALAKÂL	02	8	16	2	1	5	6,2	10	27	74		176
WÂU	02	8	32	1	1	6	8,4	8	31	52		177
JUBA												173

At 20h. on 1st — الساعة ٢٠ 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 Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	30	3	0	0	—	11.8	26.7	78	0
MARIUT	00	7	28	2	0	0	—	10	25	84	0
ALEXANDRIA	00	6	02	3	0	0	—	11.1	26.0	84	0
DAMIETTA	00	7	28	2	0	0	—	9.6	26.2	90	0
PORT SA'ÎD	00	8	30	1	0	0	—	9.8	27.1	75	0
EL 'ARÎSH	00	9	00	0	0	0	—	7.4	27.6	74	0
LOWER EGYPT											
DAMANHÛR	00	7		3	0	0	—	10.4	25.2	55	0
MANSÛRA	00	6	02	2	1	0	—	10.4	27.0	68	0
ṬANTA	00	8	00	0	0	0	—	10.6	26.0	59	0
ZAGAZIG	00	6	24	2	0	0	—	10.0	28.4	58	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	10.4	28.3	58	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	3	0	0	—	9.0	31.7	50	0
CAIRO EZBEKÎYA	00	7	00	0	0	0	—	10.2	28.7	52	0
CAIRO GÎZA	00	7	00	0	0	0	—	10.4	27.0	69	0
HELWÂN	00	7	32	4	0	0	—	8.8	32.0	28	0
SUEZ	00	9	02	1	0	0	—		30.2	43	0
UPPER EGYPT											
FAIYÛM	00	8	30	1	0	0	—	8.6	30.0	37	0
MINYA	00	9	32	2	0	0	—	7.6	31.4	40	0
ASYÛṬ	00	6	20	1	0	0	—	8.3	30.8	33	0
NAG' HAMÂDI	00	8	00	0	0	0	—	7.4	31.0	38	0
QENA	00	6	24	2	0	0	—	6.7	34.0	23	0
LUXOR	00	8	30	2	0	0	—	6.8	34.3	29	0
ASWÂN	00	9	32	2	0	0	—	6.4	36.2	20	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	11.5	30.2	66	0
BAHARÎYA	00	7	32	1	0	0	—	9.2	31.0	29	0
KHÂRGA	00	9	32	1	0	0	—		32.0	24	0
DAKHLA	00	8	28	1	0	0	—	7.6	33.8	23	0
RED SEA											
ṬÔR	00	7	28	3	0	0	—	7.2	32.8	53	0
HURGHÂDA	00	8	32	4	0	0	—	6.9	29.8	37	0
QUṢEIR	00	8	02	2	0	0	—	6.0	29.0	71	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

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

UPPER WINDS ON 1st — الرياح العليا يوم ١

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARṬÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	12 h30 m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	14 h.15 m.	h. m.	13 h. m.	13 h. m.	h. m.
	03 34 10							03 30 05	06 24 05		06 18 30	06 18 15	
	06 35 15							06 33 10	09 28 10		09 21 20	09 21 15	
	09 35 15							09 29 05	15 31 20		15 21 15	15 21 20	
	15 33 15							15 34 10	21 33 20		21 15 20		
	21 33 15							21 03 10	30 05 20				
	24 01 15							30 11 10	39 05 35				
	30 03 20												
	39 05 20												

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	2nd.	1910	4692
	1st.	1910	4834

STATION	Mean of day: Humidity % on 1st	Humidity Diff from normal	Wet Bulb Temp °C on 1st	Wet Bulb Temp Diff from normal	Previous day: Reading	Previous day: Diff. from normal
Alexandria	79	+4	24.0	+0.7		
Ezbekiya	57	−3	22.5	−0.2		
Giza	67	+6	23.0	+0.7		
Helwân	49	−1	20.6	0.0		

GÎZA — GRASS MINIMUM TEMP. ON 2nd. 17.5 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2nd.	14.00	+0.34	14.50	+0.84
Nasser		9.72	+0.23	9.70	+0.23
Malakâl		11.59	0.00	11.58	+0.01
J. Aulia Res.		375.69	—	375.48	—
J. Aulia D.S		372.78	−1.20	372.49	−1.39
Roseires		17.96	−0.46	17.88	−0.37
Sennar Res.				17.20	—
Khartûm		13.50	−0.80	13.26	−0.94
Kh. el Girba		13.20	−0.47	13.60	−0.02
'Atbara		12.39	−1.03	12.47	−0.80
Kajnarti		135.34	−2.16	135.45	−1.70
Aswân Res.		101.40	—	101.00	—
Aswân D.S		86.72	−1.86	86.71	−1.74
Roda (Cairo)		16.58	+0.52	16.58	+0.58

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

At 8h. on SATURDAY 2nd — الساعة ٨ يوم السبت ٢

STATION	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Bar Pressure Diff. from normal mbs.	Temperature 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	Rainfall Total From Oct. 1 mms	Rainfall Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM																		99
MATRÛH	00	9	26	3	0	0	—	11.8	+1.8	26.6	28	0	21	−1	82	0	55	161
MARIUT	00	7	27	1	0	0	—	10		28	30	—	23	—	74	0	139	138
ALEXANDRIA	00	9	32	2	0	0	—	10.7	+1.2	27.2	31	+1	24	+1	75	0	106	186
DAMIETTA	00	8	18	1	0	0	—	9.6	+1.1	27.4	32	—	21	—	83	0	32	106
PORT SA'ID	00	8	26	1	0	1	4	9.6	+1.6	27.9	33	+1	24	0	80	0	27	81
EL 'ARÎSH	00	9	20	1	0	3	3	9.8	+1.1	29.8	31	0	21	0	65	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	5	28	3	1	3	8	10.6	+1.5	27.3	33	0	21	+1	90	0	84	101
MANSÛRA	02	7	20	1	2	5	6	10.4	+1.7	25.8	37	+2	20	−1	84	0	15	55
ṬANTA	00	8	00	0	0	0	—	10.4	+1.0	26.2	37	+2	20	0	75	0	8	44
ZAGAZIG	02	6	32	2	2	5	8	10.6	+1.3	25.2	35	0	20	0	92	0	24	27
SHEBÎN EL KÔM	00	8	28	2	1	2	8	10.7	+1.5	28.7	38	—	22	—	65	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	7	00	0	0	7	6	10.2		24.3	37	—	22	—	88	0	14	—
CAIRO EZBEKÎYA	00	6	28	2	1	2	6	10.0	+1.0	26.7	36	0	22	0	69	0	13	26
CAIRO GÎZA	00	7	00	0	0	0	—	10.4	+1.5	27.0	36	+1	20	0	69	0	20	27
HELWÂN	00	7	30	2	0	0	—	10.3	+1.3	24.9	37	+2	21	0	74	0	5	29
SUEZ	00	9	00	0	0	0	—			29.6	38	+2	23	0	44	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	30	1	0	0	—	9.6	+0.3	26.0	38	+1	22	+1	70	0	8	8
MINYA	00	9	32	2	0	0	—	9.1	+0.4	28.6	35	−2	23	+1	51	0	dr.	—
ASYÛṬ	00	7	22	1	0	0	—	9.8	+1.5	28.8	37	0	24	+1	52	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.6	+1.7	29.2	38	—	22	—	47	0	0	—
QENA	00	7	24	2	0	0	—	7.4	+0.6	34.4	42	+2	24	0	20	0	dr.	—
LUXOR	00	9	22	2	0	0	—	8.0	+1.4	34.0	41	0	24	+1	27	0	dr.	—
ASWÂN	00	9	30	2	0	0	—	8.7	+1.7	34.0	42	+1	28	+2	29	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.0	+1.3	29.4	39	+1	21	0	68	0	2	8
BAHARÎYA	00	8	32	2	0	0	—	10.0	0.0	35.0	36	−1	20	0	68	0	dr.	7
KHÂRGA	00	9	32	1	0	0	—			30.6	41	+1	24	+1	39	0	dr.	—
DAKHLA	00	8	00	0	0	0	—	10.0	+1.5	30.8	39	0	26	+3	36	0	dr.	—
RED SEA																		
ṬÔR	00	7	28	2	0	0	—	7.2	+1.3	29.7	33	−1	27	+2	67	0	2	13
HURGHÂDA	00	7	28	3	0	0	—	6.6	+0.2	32.6	35	0	25	0	35	0	dr.	3
QUSEIR	00	8	32	4	0	0	—	6.6	+0.5	32.0	34	0	27	0	53	0	dr.	4
PORT SÛDÂN	01	8	12	2	1	5	2	7		36			28		31	0	156	102
NORTH SÛDÂN																		
WÂDI HALFA	00	8	04	2	0	0	—	8		33					28	0	tr.	—
KAREIMA	01	8	08	1	1	4		8		35					20	0	1	11
'ATBARA	00	7	20	4	1	0	—	8		32					43	0	tr.	27
KHARTÛM	02	7	16	4	1	6	4	11		27					79	0	25	70
KASSALA	02	8	04	2	0	5	8,2	7		34			29		14	0	60	149
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	30	4	1	2	5	12		24					94	13	152	196
RENK																—	—	298
ROSEIRES	01	7	28	1	2	4	4	12		23					100	6	476	439
EL OBEID	12	9	20	3	9	8	6,5	11		23					89	14	261	175
EL FÂSHER	02	8	28	4	9	8	6,4	—	—	22					94	3	65	145
GENEINA	02	9	18	4	1	7	8	—	—	27					70	—	—	262
KADUGLI																—	—	468
S. SÛDÂN																		
MALAKÂL	03	8	08	1	8	8	6	12		23			22		89	4	491	513
WÂU	51	8	00	0	5	7	5	13		23			22		89	dr.	788	736
JUBA	41	7	16	2	4	5	9,4	14		24			21		74	0	891	734

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

UPPER WINDS ON 2nd. — الرياح العليا يوم ٢

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛṬ	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARṬÛM
7 h. m.	h. m.	h. m.	9 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	h. m.	6 h45 m.	7 h. m.	6 h30 m.
03 32 30			02 33 20		02 31 10		02 32 25		09 03 35	09 10 10	09 24 40
06 36 30			05 03 15		05 03 20		05 33 25		15 04 40	15 11 10	15 24 25
09 36 25			08 03 35		10 34 35		10 33 50		21 03 45	21 12 10	21 31 20
12 01 30			10 03 45				15 31 50		24 03 45	24 13 15	24 35 30
15 03 10			15 05 40				20 31 50				
18 03 30			20 06 30				25 31 50				
21 04 20							30 30 30				
							35 21 05				
							40 28 05				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	h. m.	h. m.	9 h. m.	h. m.	h. m.
09 20 30			09 29 30		
15 23 15			15 24 20		
21 22 15			21 16 15		
24 23 05			24 14 20		

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 2nd.

34700 00990 00000 07331 40000 00200
34800 00990 26300 08311 40802 00230

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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.

h. m. 18 47

Month August 1947 — شهر أغسطس ١٩٤٧

DAILY WEATHER REPORT

At 14h on Saturday 2nd (الساعة ١٤ يوم ٢ السبت) and at 20h on 2nd (الساعة ٢٠ يوم ٢ السبت)

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 (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 14-20 h mms	Station number
Mediterranean																							
Salûm																							130
Matrûh	00	9	28	3	0	0	—	11.9	25.0	71	0	00	8	30	4	0	0	—	11.1	28.2	66	0	131
Mariut	00	7	28	4	0	0	—	10	30	74	0	00	7	29	3	0	0	—	8	26	84	0	150
Alexandria	00	9	28	5	0	0	—	9.9	29.0	75	0	00	6	30	4	0	0	—	8.7	27.0	80	0	132
Damietta	00	8	28	3	0	0	—	8.3	31.5	70	0	00	7	28	2	0	0	—	7.5	27.0	86	0	159
Port Said	00	8	30	2	0	0	—	7.5	32.6	65	0	00	8	30	2	0	0	—	7.9	27.5	77	0	134
El Arish	00	9	28	3	0	0	—	8.2	30.1	70	0	00	9	30	2	0	0	—	7.6	27.2	85	0	135
Lower Egypt																							
Damanhûr	00	7	28	3	0	0	—	9.4	34.0	47	0	00	7	28	2	0	0	—	8.7	26.0	86	0	136
Mansûra	00	8	02	2	1	0	—	8.4	37.4	32	0	00	6	28	2	0	0	—	8.0	28.0	66	0	137
Tanta	00	8	00	0	0	0	—	8.2	37.5	25	0	00	8	00	0	0	0	—	7.5	28.5	70	0	138
Zagazig	00	6	32	2	0	0	—	8.3	35.4	42	0	00	6	28	2	0	0	—		28.4	60	0	139
Shebin el Kôm	00	8	29	2	0	0	—	9.4	38.4	24	0	00	7	30	1	0	0	—		28.3	55	0	—
Middle Egypt																							
Cairo: Almaza	00	8	31	2	0	0	—	7.8	35.6	38	0	00	7	32	2	0	0	—	6.9	32.6	44	0	14
Cairo: Ezbekiya	00	7	28	1	0	0	—	8.3	34.9	42	0	00	7	00	0	0	0	—	7.9	30.4	45	0	—
Cairo: Giza	00	8	28	1	0	0	—	9.0	35.7	36	0	00	7	00	0	0	0	—	8.4	29.7	53	0	
Helwân	00	7	32	3	0	0	—	7.5	35.8	21	0	00	7	30	3	0	0	—	6.7	33.0	30	0	143
Suez	00	9	30	1	0	0	—		36.1	22	0	00	9	30	1	0	0	—	6.8	28.8	58	0	144
Upper Egypt																							
Faiyûm	00	8	02	1	0	0	—	7.5	36.2	22	0	00	8	00	0	0	0	—	6.2	30.7	33	0	[illegible]
Minya	00	9	32	3	0	0	—	7.6	35.5	25	0	00	9	32	1	0	0	—		31.0	37	0	154
Asyût												00	6	22	1	0	0	—	7.6	28.0	33	0	155
Nag Hamadi	00	8	32	1	0	0	—	6.8	36.5	28	0	00	8	00	0	0	0	—	6.4	26.8	44	0	[illegible]
Qena	00	8	24	2	0	0	—	5.0	40.6	18	0	00	6	24	2	0	0	—	5.2	31.4	28	0	[illegible]
Luxor	00	9	30	3	0	0	—	5.6	40.0	22	0	00	8	26	2	0	0	—	5.9	34.6	29	0	[illegible]
Aswân	00	9	32	2	0	0	—	5.0	39.0	21	0	00	9	00	0	0	0	—	5.8	37.0	18	0	[illegible]
Western Desert																							
Sîwa	00	8	00	0	0	0	—	12.7	37.8	45	0	00		04	4	0	0	—	10.0	34.4	55	0	[illegible]
Bahariya	00	8	32	2	0	0	—	9.0	35.0	28	0	00	7	32	1	0	0	—	7.9	32.5	27	0	
Khârga	00	9	32	2	0	0	—	—	38.5	22	0	00	9	22	1	0	0	—	—	36.5	13	0	
Dakhla	00	9	28	2	0	0	—	8.3	37.2	15	0	00	8	28	1	0	0	—	7.0	33.6	20	0	
Red Sea																							
Tôr	00	7	28	4	0	0	—	5.9	36.8	59	0	00	7	28	2	0	0	—	4.8	32.8	53	0	[illegible]
Hurghada	00	7	02	4	0	0	—	4.8	34.8	42	0	00	7	28	5	0	0	—	3.4	31.7	44	0	[illegible]
Quseir	00	8	02	2	0	0	—	4.8	33.0	56	0	00	8	32	2	0	0	—	3.9	31.6	57	0	[illegible]
Port Sûdân	01	8	08	4	1	4	4,1	4	37	46													[illegible]
North Sûdân																							
Wâdi Halfa	01	8	30	2	1	5	2	5	42	07													[illegible]
Kareima	02	8	32	2	1	8	2	6	43	09													[illegible]
Atbara	01	7	24	2	1	4	4	3	42	17													[illegible]
Khartûm	01	8	22	4	1	5	4,5	7	37	33													[illegible]
Kassala																							170
Central Sûdân																							
Wad Medani	01	8	20	3	1	4	1	9	30	66													
Renk	01	8	20	2	1	5	1	10	29	70													
Roseires	01	8	20	1	1	4	4	9	29	70													
El Obeid																							
El Fasher																							
Geneina																							
Kadugli																							
South Sûdân																							
Malakal	02	8	30	2	1	5	6,4	10	29	66													
Wau	61	8	32	1	5	7	9,4	8	32	52													
Juba																							

At 8h on Sunday 3rd (الساعة ٨ يوم ٣ الأحد)

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	Diff. from normal mbs	Temp. Dry bulb	Max. yesterday °C	Diff. from norm.	Min. today °C	Diff. from norm.	% Humidity	Rainfall past 24 hrs	Rainfall total	Rainfall normal
Mediterranean																		
Salûm												—		—				99
Matrûh	00	9	32	4	0	0	—	8.0	-2.1	27.7	30	+2	25	+3	68	0	55	161
Mariut	00	7	28	2	0	0	—	6		27	31	—	22	—	79	0	139	128
Alexandria	01	9	32	2	1	4	4	6.3	-3.3	26.7	31	+1	24	+1	77	0	106	186
Damietta	01	8	28	2	1	3	6	5.6	-2.9	27.9	34	—	24	—	81	0	32	106
Port Said	00	7	30	1	0	3	4	5.6	-2.4	28.3	33	+1	26	+2	76	0	27	81
El Arish	01	9	24	1	1	4	3	6.0	-2.7	30.2	32	+1	23	+2	67	0	47	94
Lower Egypt																		
Damanhûr	00	7	28	3	0	0	—	6.6	-2.5	27.4	35	+2	21	+1	77	0	84	101
Mansûra	01	8	04	2	1	3	8	6.3	-2.4	26.8	39	+4	22	+1	78	0	15	55
Tanta	00	8	00	0	0	0	—	6.3	-3.1	27.0	39	+4	20	0	77	0	8	44
Zagazig	01	6	04	2	1	4	8	6.3	-3.0	28.8	37	+2	23	+3	73	0	24	27
Shebin el Kôm	00	8	22	2	0	1	8	7.0	-2.2	27.8	40	—	22	—	71	0	9	—
Middle Egypt																		
Cairo: Almaza	05	6	30	1	2	7	6	7.4	-1.6	25.1	38	—	23	—	84	0	14	—
Cairo: Ezbekiya	01	6	26	2	0	4	8	6.4	-2.6	26.5	38	+2	24	+2	73	0	13	26
Cairo: Giza	02	6	28	1	1	6	8	6.7	-2.2	26.2	37	+2	23	+3	78	0	20	27
Helwân	05	6	30	1	0	3	5	6.3	-2.7	25.0	37	+2	23	+2	77	0	5	29
Suez	00	9	02	1	0	0	—			27.5	38	+2	23	0	72	0	4	17
Upper Egypt																		
Faiyûm	00	8	00	0	0	0	—	5.8	-3.5	27.2	38	+1	23	+2	68	0	8	8
Minya	00	9	32	2	0	0	—			28.8	36	-1	22	0	51	0	dr	—
Asyût	00	7	22	1	0	0	—	6.2	-2.1	27.7	36	-1	23	0	60	0	0	4
Nag Hamâdi	00	8	00	0	0	0	—	4.3	-2.7	28.7	37	—	19	—	45	0	0	—
Qena	00	7	22	2	0	0	—	3.9	-3.0	34.0	42	+2	22	-2	27	0	dr	—
Luxor	00	9	16	2	0	0	—	4.7	-1.9	32.5	41	0	22	-1	21	0	dr	—
Aswân	00	9	00	0	0	0	—	5.1	-1.9	31.6	40	-1	25	-1	37	0	dr	
Western Desert																		
Sîwa	00	7	28	2	0	0	—	11.4	-0.3	27.7	40	+2	23	+2	87	0	2	8
Bahariya	00	8	32	2	0	0	—	7.6	-2.4	25.2	37	0	21	+1	71	0	dr	7
Khârga	00	9	00	0	0	0	—	—	—	30.8	40	0	21	-2	37	0	dr	
Dakhla	00	8	28	2	0	0	—	10.3	-1.7	29.3	39	0	24	+1	33	0	dr	
Red Sea																		
Tôr	00	7	28	2	0	0	—	3.0	-2.9	29.3	34	0	25	0	67	0	2	13
Hurghada	00	8	32	4	0	0	—	3.4	-3.0	31.3	35	0	25	0	48	0	dr	3
Quseir	00	8	30	2	0	0	—	3.6	-2.5	32.9	35	+1	26	-1	42	0	dr	4
Port Sûdân																0	156	102
North Sûdân																		
Wâdi Halfa																0	tr	—
Kareima																0	1	11
Atbara																0	tr	28
Khartûm																1	26	72
Kassala																0	60	153
Central Sûdân																		
Wad Medani																18	170	202
Renk																	—	302
Roseires																69	545	446
El Obeid																1	262	178
El Fâsher																0	65	149
Geneina																—		270
Kadugli																		473
South Sûdân																		
Malakâl																0	491	520
Wau																66	854	743
Juba																0	891	738

Upper Winds are in the Code HHDDVV where HH is Height 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 Said	Almaza	Minya	Luxor	Hurghada	Wâdi Halfa 13h	Kareima 14h 15m	Khartûm 13h	Kassala	El Obeid	Malakal 13h [illegible]m	Juba
							02 34 10	03 05 05	06 25 20			06 17 10	
							06 34 20	06 08 10	09 25 40			09 19 05	
							09 33 30	09 06 20	15 25 30			15 22 05	
							15 27 20	15 11 20	21 28 20			21 22 10	
							24 27 45	21 06 15	24 32 20			24 22 15	
							30 27 30	30 02 15	27 30 25				
							39 21 20	39 20 05	30 05 40				
							54 06 35	45 11 25	39 06 40				
							60 06 35	60 12 20	45 07 35				

Upper winds on 3rd

Matrûh	Mariut	Port Said	Helwan 8h 45m	Minya	Asyût 7h	Luxor	[illegible] 7h	[illegible]	[illegible] 7h
			02 36 10		02 30 20		05 28 15		06 02 30
			05 02 15		05 26 35		10 28 25		09 02 30
			08 36 20		10 02 30		15 24 25		15 02 15
			10 36 15		15 22 25		20 23 40		21 36 10
			15 36 10				25 23 30		
			20 02 10				30 23 50		
			22 06 10				35 24 30		
			25 21 15				40 23 35		
			30 20 20						

Kassala 7h	Port Sûdân	El Obeid 7h	El Fâsher 7h 15m	Geneina 7h	Malakal
02 22 10		03 18 20	09 24 10	09 22 15	
09 22 10		06 19 40	15 19 20	15 21 05	
15 19 20		09 19 40	21 13 10	21 25 20	
21 12 20		15 20 20			

Cirrus ... 8h on 3rd

Upper air temp.: Height feet — 3000, ..., 4000, 6000, 8000, 10000, 12000, 14000, 16000

Remarks

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

Mean of day

Station	Humidity of 2nd	Diff. from normal	Wet bulb temp. of 2nd	Diff. from normal
Alexandria	76	+2	24.7	+1.4
Ezbekiya	52	-8	23.2	+0.5
Giza	56	-5	23.4	+1.1
Helwân	49	-1	21.3	+0.7

GIZA — Grass minimum temp. on 3rd 19.7 °C

CAIRO — Water temp. River Nile at 8h on 3rd °C

Station	Date 1947	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal
Juba				14.00	+0.34
Nasser				9.72	+0.23
Malakal		11.60	0.00	11.59	0.00
J. Aulia Res.				375.69	—
J. Aulia D.S.				372.78	-1.20
Roseires				17.96	-0.46
Sennar Res.					
Khartûm				13.50	-0.20
Kh. el Girba				13.20	-0.47
Atbara				12.39	-1.03
Kajnarti				135.34	-2.16
Aswân Res.		101.82	—	101.40	—
Aswân D.S.		86.71	-2.14	86.72	-1.86
Roda (Cairo)		16.58	+0.46	16.58	+0.52

Discharges at Aswan measured by sluices m³ per sec.	Date	1947	1946
	3-8	1910	4629
	2-8	1910	4692

PRESENT WEATHER ww: Clear 00; Partly cloudy 01; Cloudy 02; Overcast 03; Low Fog 04; Thin Haze 05; Dust Devils 06; Distant Lightning 07; Light Mist or Haze 08; Distant Fog 09; Rain in sight 10; Thunder no rain 11; Distant Duststorm [illegible]; Squalls 14; [illegible]

Cloud form: Alto stratus; Strato cu; [illegible]; Cumulus 8; Cumulo-nimbus 9; Stratus 0

Wind direction: 08 East, 16 South, 24 West, 32 North, 00 is Calm

Time of Sunrise 05 35
Sunset 18 47

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

1417 F.C.

At 14h. on SUNDAY 3rd. — الساعة ١٤ 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 PRESS M.S.L. 1000+ mbs. (ppp)	TEMP. °C (ttt)	% HUMIDITY (uu)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	30	4	0	0	—	7.4	28.3	75	0	131
MARIUT	00	7	28	3	0	0	—	5	30	70	0	150
ALEXANDRIA	00	9	28	6	0	0	—	5.1	29.0	74	0	132
DAMIETTA	00	8	30	3	1	0	—	4.7	31.6	67	0	159
PORT SA'ÎD	00	8	30	1	0	0	—	5.0	31.9	64	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	4.4	30.2	68	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	3	0	0	—	5.1	33.8	41	0	136
MANŞÛRA	00	8	04	2	1	0	—	4.6	35.4	40	0	137
ṬANṬA	00	8	00	0	0	0	—	4.7	36.0	19	0	138
ZAGAZIG	00	6	32	2	0	0	—	4.7	34.6	60	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	—	4.8	36.8	34	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	28	1	0	0	—	3.7	35.6	40	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	4.2	35.7	34	0	
CAIRO GÎZA	00	8	28	2	0	0	—	4.8	36.6	28	0	
ḤELWÂN	00	7	28	3	0	0	—	3.5	36.7	17	0	143
SUEZ	00	9	00	0	0	0	—		36.8	19	0	144
UPPER EGYPT												
FAIYÛM												
MINYA	00	9	32	3	0	0	—	4.9	36.5	24	0	
ASYÛṬ												
NAG' HAMÂDI	00	8	32	1	0	0	—	2.4	37.2	24	0	164
QENA	00	8	24	2	0	0	—	1.6	39.0	22	0	156
LUXOR	00	9	26	2	0	0	—	2.0	40.0	18	0	157
ASWÂN	00	9	24	1	0	0	—	1.8	39.0	19	0	158
WESTERN DESERT												
SÎWA	00	8	28	3	0	0	—	8.8	37.3	14	0	148
BAḤARÎYA	00	8	32	1	0	0	—	5.1	34.3	32	0	149
KHÂRGA	00	9	30	1	0	0	—		36.0	16	0	151
DAKHLA	00	9	28	3	0	0	—	4.7	37.4	14	0	152
RED SEA												
ṬÛR	00	7	28	4	0	0	—	3.5	31.2	71	0	145
HURGHÂDA	00	8	04	3	0	0	—	2.2	33.6	49	0	146
QUSEIR	00	8	02	2	0	0	—	2.1	33.4	59	0	147
PORT SÛDÂN	11	5	26	4	6	5	9	1	37	37		208
NORTH SÛDÂN												
WÂDI ḤALFA	00	8	26	2	0	0	—	4	39	09		165
KAREIMA	02	8	10	1	1	8	4.2	4	42	08		166
'ATBARA	01	7	20	3	1	5	1	3	39	23		167
KHARTÛM	18	6	20	5	6	7	4.2	7	32	46		209
KASSALA	02	8	18	3	1	7	4.1	6	32	52		170
CENTRAL SÛDÂN												
WAD MEDANI	25	8				8	9	9	25	84		171
RENK	01	8	08	3	9	4	6	7	30	66		182
ROSEIRES												172
EL OBEID	62	7	16	6	6	8	6.4	10	24	74		174
EL FÂSHER	02	8	12	1	1	5	4	—	31	24		175
GENEINA												179
KADUGLI	01	8	04	1	2	5	1	9	28	70		187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA	01	8				5	6.4	10	27	48		173

At 20h. on 3rd. — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. (ppp)	TEMP. °C (ttt)	% HUMIDITY (uu)	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	32	3	0	0	—	7.1	26.9	76	0
MARIUT	00	7	29	2	0	0	—	4	26	89	0
ALEXANDRIA	00	6	04	3	0	0	—	5.0	26.6	87	0
DAMIETTA	00	7	30	2	0	0	—	4.7	27.0	90	0
PORT SA'ÎD	00	8	30	2	0	0	—	4.7	27.3	87	0
EL 'ARÎSH	00	9	04	1	0	0	—	4.6	27.3	80	0
LOWER EGYPT											
DAMANHÛR	00	7	28	2	0	0	—	5.2	26.2	84	0
MANŞÛRA	00	6	02	2	0	0	—	4.7	27.8	69	0
ṬANṬA	00	8	00	0	0	0	—	5.2	29.0	67	0
ZAGAZIG	00	6	24	2	0	0	—		29.2	65	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	4.7	30.1	60	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	1	0	0	—	3.5	33.2	34	0
CAIRO EZBEKÎYA	00	7	32	2	0	0	—	3.9	30.4	51	0
CAIRO GÎZA	00	7	32	2	0	0	—	4.6	30.2	44	0
ḤELWÂN	00	7	32	3	0	0	—	3.1	33.0	23	0
SUEZ	00	9	30	1	0	0	—		31.7	30	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	3.1	29.1	53	0
MINYA	00	9	32	2	0	0	—		32.5	36	0
ASYÛṬ	00	6	22	1	0	0	—	4.2	30.0	36	0
NAG' HAMÂDI	00	8	00	0	0	0	—	2.4	28.7	50	0
QENA	00	6	22	2	0	0	—	1.9	33.6	26	0
LUXOR	00	8	02	2	0	0	—	2.2	34.7	24	0
ASWÂN	00	9	00	0	0	0	—	1.6	36.5	16	0
WESTERN DESERT											
SÎWA	00	—	32	3	0	0	—	7.8	31.4	33	0
BAḤARÎYA	00	7	00	0	0	0	—	4.0	29.5	37	0
KHÂRGA	00	9	30	2	0	0	—		33.8	19	0
DAKHLA	00	8	28	1	0	0	—	4.2	34.4	21	0
RED SEA											
ṬÛR	00	7	00	0	0	0	—	2.0	31.2	63	0
HURGHÂDA	00	8	12	1	0	0	—	2.0	28.8	74	0
QUSEIR	00	8	04	2	0	0	—	3.2	32.2	60	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 3rd. — الرياح العليا يوم ٣

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI ḤALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
	13	13					13 h. 15 m.	12 h. 30 m.	13 h. m.	12 h. 45 m.			
	03 32 10	03 31 10					03 31 10	03 05 05	06 22 60	06 21 20			
	06 01 05	06 08 10					06 33 15	06 05 15	09 22 25	09 20 25			
	09 05 10	09 32 05					09 31 10	09 07 15	15 33 00	15 21 35			
	15 01 15	15 26 10					15 28 40	15 35 35	21 25 20	21 21 30			
	21 02 15	21 30 05					21 27 40	21 34 15	24 27 10	24 21 20			
	24 03 25	24 32 10					24 25 40	24 33 15	30 04 25	30 22 10			
	30 04 25							30 26 15	39 07 30	39 29 20			
								39 29 15	48 08 05	54 15 05			
								60 13 10		60 09 35			

Remarks

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

STATION	Mean of day: HUMIDITY % (3rd.)	Diff from normal	WET BULB TEMP °C (3rd.)	Diff from normal	Previous day: Reading	Diff. from normal
Alexandria	81	+7	21.5	-1.8		
Ezbekiya	57	-3	23.3	+0.6		
Giza	56	-5	22.8	+0.4		
Helwân	47	-3	20.5	-0.1		
GIZA	GRASS MINIMUM TEMP. ON 4th		20.0 °C			
CAIRO	WATER TEMP		AT 9h.			
	RIVER NILE					
	ON		°C			

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba					
Nasser				9.74	+0.20
Malakâl		11.62	0.00	11.60	0.00
J. Aulia Res.				375.85	—
J. Aulia D.S				372.85	-1.23
Roseires	4th	19.48	+0.73	18.70	+0.05
Sennar Res.				17.19	—
Khartûm				13.62	-0.81
Kh. el Girba					
'Atbara				12.63	-1.88
Kajnarti		135.18	-2.92	135.23	-2.58
Aswân Res.		101.88	—	101.82	—
Aswân D.S		87.05	-1.95	86.71	-2.14
Roda (Cairo)		16.60	+0.38	16.60	+0.48

Discharges at Aswan measured by sluices m³ per sec.	DATE	1947	1946
	4th.	2199	4635
	3rd.	1910	4629

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

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)	CAR PRESSURE M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (ttt)	MAXIMUM Yesterday °C (mx)	Diff. from norm °C	MINIMUM Today °C (mn)	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	32	3	0	0	—	7.0	-3.1	27.4	29	+1	26	+4	67	0	55	161
MARIUT	01	7	32	1	1	3	6	6		28	30	—	24	—	79	0	139	138
ALEXANDRIA	01	9	00	0	1	4	4	6.2	-3.4	28.0	31	+1	25	+2	74	0	106	186
DAMIETTA	00	7	00	0	1	2	8	5.4	-3.2	28.9	33	—	22	—	82	0	32	106
PORT SA'ID	00	7	30	1	0	0	—	5.5	-2.6	28.9	33	+1	24	0	76	0	27	81
EL 'ARÎSH	00	9	00	0	0	0	—	5.5	-3.2	30.2	32	+1	21	0	66	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	6	08	2	1	3	8	5.9	-3.3	27.3	35	+2	22	+2	77	0	84	101
MANŞÛRA	00	8	18	1	0	0	—	5.8	-3.0	28.8	37	+2	22	+1	72	0	15	55
ṬANṬA	00	8	00	0	0	0	—	6.0	-3.5	27.0	36	+1	21	+1	80	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	6.2	-3.2	28.2	36	+1	21	+1	77	0	24	37
SHEBÎN EL KÔM	00	8	30	2	0	0	—	6.4	-2.9	28.2	38	—	22	—	68	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	03	5	02	1	2	8	6	5.3	-3.7	25.2	38	—	22	—	85	0	14	—
CAIRO EZBEKÎYA	05	6	00	0	0	0	—	6.0	-3.0	26.6	37	+1	24	+2	81	0	13	26
CAIRO GÎZA	05	6	00	0	0	0	—	6.0	-2.9	27.0	37	+2	22	+2	75	0	20	27
ḤELWÂN	09	6	28	3	0	0	—	5.8	-3.3	25.0	37	+2	23	+2	82	0	5	29
SUEZ	00	9	00	0	0	0	—	5.6	-2.6	28.3	38	+2	24	+1	51	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	5.4	-3.9	28.0	38	+1	24	+3	68	0	8	8
MINYA	00	9	32	3	0	0	—			28.3	37	+1	23	+1	56	0	dz.	—
ASYÛṬ	00	7	22	1	0	0	—	5.1	-3.3	28.0	38	+1	23	0	46	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	4.3	-3.7	29.6	38	—	19	—	45	0	0	—
QENA	00	7	24	2	0	0	—	4.9	-2.7	34.8	41	+1	24	0	26	0	dz.	—
LUXOR	00	9	18	2	0	0	—	4.0	-2.6	33.0	42	+1	24	+1	34	0	dz.	—
ASWÂN	01	9	00	0	1	3	1	5.6	-1.4	31.0	40	-1	26	0	32	0	dz.	—
WESTERN DESERT																		
SÎWA	00	7	32	2	0	0	—	9.0	-2.7	25.8	39	+1	21	0	81	0	2	8
BAḤARÎYA	00	8	32	2	0	0	—	5.6	-4.5	26.5	36	-1	22	+2	66	0	dz.	7
KHÂRGA	00	9	00	0	0	0	—			28.4	40	0	21	-2	34	0	dz.	—
DAKHLA	00	8	28	1	0	0	—	5.9	-2.7	29.4	38	-1	23	0	29	0	dz.	—
RED SEA																		
ṬÛR	00	7	12	2	0	0	—	4.2	-1.8	29.8	31	-3	26	+1	72	0	2	13
HURGHÂDA	00	7	06	1	0	0	—	4.0	-3.4	29.8	35	0	22	-3	75	0	dz.	3
QUSEIR	00	8	30	1	0	0	—	4.2	-1.9	30.0	34	0	26	-1	76	0	dz.	4
PORT SÛDÂN	01	8	02	3	1	4	3	4							40	tr.	156	102
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	30	1	1	0	—	6		29			23		19	0	tr.	—
KAREIMA																0	1	12
'ATBARA	02	8	22	3	1	6	8	11		25					84	34	34	29
KHARTÛM	02	7	14	3	6	5	8.5	11		25			24		79	dz.	26	74
KASSALA	02	8	22	3	5	8	6.5	11		24			22		84	2	62	158
CENTRAL SÛDÂN																		
WAD MEDANI	01	8	12	4	1	5	3	9		25					79	tr.	170	208
RENK	00	9	20	2	0	0	—	11		23		—		—	94	—	—	306
ROSEIRES	01	8	16	1	1	4	4	12		22					94	0	545	454
EL OBEID	02	9	26	4	1	6	4	11		23			22		84	tr.	262	182
EL FÂSHER	02	8	18	2	1	7	6.4	—	—	23			21		78	0	65	154
GENEINA	60	7	16	1	6	8	6.5	—	—	21		—	19	—	100	Rain		278
KADUGLI	02	8	28	1	2	6	4	12		23		—		—	94	—	—	478
S. SÛDÂN																		
MALAKÂL	02	8	06	2	1	5	4.1	12		23			19		94	22	513	527
WÂU	02	8	00	0	1	5	6.4	11		22			22		94	0	854	750
JUBA																0	891	742

UPPER WINDS ON 4th. — الرياح العليا يوم ٤

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛṬ h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI ḤALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			9 h. m.		07 h. m.		7 h. m.	7 h. m.			7 h. m.
			02 34 15		02 31 10		02 10 10	06 18 45			06 13 25
			05 05 25		05 03 05		05 23 15	09 18 50			09 14 20
			08 08 20		10 01 10		10 21 20	15 19 70			15 11 35
			10 08 15				15 22 40	21 20 40			21 10 20
			15 29 15				20 22 50	30 13 15			27 12 15
			20 23 30				25 24 50	39 11 05			
			23 23 40				30 23 55				
			25 23 35				35 23 40				
			30 23 25				40 23 50				

KASSALA 7 h. m.	PORT SÛDÂN 6 h. m.	EL OBEID 7 h. m.	EL FÂSHER h. m.	GENEINA 7 h. m.	MALAKAL h. m.
06 19 20	03 25 15	06 19 45		09 21 20	
09 16 30	06 26 20	09 21 55		15 22 40	
15 19 30	09 24 15	15 25 65		21 22 20	
21 19 20	15 31 20	21 11 19		24 20 15	
	21 34 30				

UPPER AIR TEMP. ALMÁZA

AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 4th.

34700 00990 08100 04291 60002 00180

34800 00990 30200 05302 00102 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 05 h. 18 m.
Sunset 18 h. 46 m.

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month August 1947 شهر أغسطس ١٩٤٧

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	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	—	7.8	29.1	77	0	01	8	32	2	1	4	8	9.5	26.5	85	0	131
MARIUT	00	7	29	3	0	2	8	6	30	66	0	00	7	32	2	0	0	—	8	26	79	0	150
ALEXANDRIA	01	9	24	4	2	3	4	6.7	30.0	67	0	00	6	04	4	0	0	—	8.4	27.0	77	0	132
DAMIETTA	00	8	28	2	1	2	8	5.6	32.7	57	0	00	7	28	2	0	0	—	7.2	27.0	92	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	6.2	32.4	58	0	00	8	32	2	0	0	—	7.6	27.6	82	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	5.8	31.6	52	0	00	9	32	4	0	0	—	6.6	27.7	71	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	32	3	1	4	8	6.2	34.8	54	0	00	7	28	2	1	0	—	7.9	26.4	85	0	136
MANSÛRA	01	8	02	1	1	3	8	5.9	35.8	26	0	00	6	04	2	1	0	—	7.4	27.6	73	0	137
TANTA	01	8	00	0	1	4	8	5.6	36.5	25	0	00	8	00	0	1	0	—	8.2	30.0	66	0	138
ZAGAZIG	00	6	24	2	0	0	—	5.5	34.8	34	0	00	6	24	2	0	0	—	8.1	26.4	72	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	6.0	37.6	21	0	00	7	02	2	0	0	—	7.2	30.1	50	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	28	2	0	0	—	6.0	36.4	34	0	00	7	02	1	0	0	—	6.3	33.3	36	0	141
CAIRO EZBEKÎYA	00	7	28	1	0	0	—	5.5	35.2	31	0	00	7	02	2	0	0	—	7.8	30.8	56	0	—
CAIRO GÎZA	00	8	28	2	0	0	—	6.0	35.6	38	0	00	7	02	2	0	0	—	7.6	29.7	60	0	—
HELWÂN	00	7	28	4	0	0	—	4.7	35.8	21	0	00	7	32	4	0	0	—	6.4	32.4	25	0	143
SUEZ	00	9	00	0	0	0	—		38.2	18	0	00	9	30	1	0	0	—		30.2	39	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	2	0	0	—	4.3	36.6	19	0	00	8	00	0	0	0	—	5.5	31.7	29	0	153
MINYA	00	9	28	4	0	0	—	5.4	37.4	27	0	00	9	32	2	0	0	—	6.2	33.0	33	0	154
ASYÛT	00	8	22	1	0	0	—	4.4	38.0	16	0	00	6	26	1	0	0	—	5.4	30.0	36	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	3.8	38.4	19	0	00	8						3.6	27.2	48	0	164
QENA	00	8	24	2	0	0	—	3.3	40.4	17	0	00	6	24	2	0	0	—	3.9	33.4	19	0	156
LUXOR	00	9	32	3	0	0	—	3.6	40.0	12	0	00	8	26	3	0	0	—	4.0	34.5	21	0	157
ASWÂN	01	9	24	2	1	3	1	4.2	39.0	22	0	00	9	00	0	0	0	—	5.4	36.4	17	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	—	8.4	36.7	36	0	00		04	4	0	0	—	10.2	31.0	59	0	148
BAHARÎYA	00	8	24	1	0	0	—	4.7	36.5	32	0	00	7	32	1	0	0	—	5.2	31.0	29	0	149
KHÂRGA	00	9	32	1	0	0	—	—	37.5	15	0	00	9	00	0	0	0	—	—	34.2	23	0	151
DAKHLA	00	9	28	2	0	0	—	5.4	37.8	14	0	00	8	28	1	0	0	—	5.1	31.8	24	0	152
RED SEA																							
TÔR	00	7	12	3	0	0	—	6.1	31.8	64	0	00	7	12	3	0	0	—	4.7	30.2	69	0	145
HURGHÂDA	00	7	06	3	0	0	—	3.8	32.4	66	0	00	7	12	2	0	0	—	4.4	28.8	85	0	146
QUSEIR	00	8	04	1	0	0	—	4.4	30.7	54	0	00	8	08	1	0	0	—	5.4	29.4		0	147
PORT SÛDÂN	00	8	08	3	1	2	8,4	3	29	48													208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA																							166
'ATBARA	02	7	22	2	1	6	8,4	7	32	52													167
KHARTÛM	01	8	18	5	1	5	8,4	6	34	36													209
KASSALA	02	8	18	2	1	7	8,2	8	31	52													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	20	4	1	5	8	7	32	50													171
RENK																							182
ROSEIRES	00	8	12	1	1	2	4	9	29	66													172
EL OBEID	01	9	20	3	1	4	9,4	7	31	33													174
EL FÂSHER	01	8	26	2	1	5	9,4	—	32	41									—				175
GENEINA	02	8	18	2	6	8	6	—	26	70									—				179
KADUGLI	01	8	20	1	2	5	4	9	30	59													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU	02	8	14	3	1	5	9,4	8	29	55													177
JUBA	01	8	00	0	1	3	8	8	31	49													173

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.	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												—		—				99
MATRÛH	00	9	30	2	0	3	8	11.9	+1.8	26.7	29	+1	25	+3	74	0	55	161
MARIUT	00	7	00	0	4	1	6	10		28	32	—	20	—	74	0	139	138
ALEXANDRIA	01	9	00	0	1	4	4	10.4	+0.7	28.0	32	+2	24	+1	74	0	106	186
DAMIETTA	00	7	28	1	0	0	—	9.9	+1.3	28.8	33	—	22	—	80	0	32	106
PORT SA'ÎD	00	8	02	1	0	0	—	10.2	+2.1	29.2	33	+1	25	+1	71	0	27	81
EL 'ARÎSH	00	9	00	0	0	0	—	9.6	+0.9	30.2	33	+2	22	+1	70	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	32	2	0	0	—	10.2	+0.9	27.2	36	+3	21	+1	75	0	84	101
MANSÛRA	00	8	02	1	0	0	—	10.4	+1.6	27.8	38	+3	22	+1	78	0	15	55
TANTA	00	8	00	0	0	0	—			25.5	38	+3	19	-1	84	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	9.1	-0.3	27.2	36	+1	22	+2	84	0	24	27
SHEBÎN EL KÔM	01	7	04	2	4	4	8	10.6	+1.3	27.2	39	—	21	—	81	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	04	1	0	0	—	9.0	-0.1	27.8	38	—	22	—	80	0	14	—
CAIRO EZBEKÎYA	00	7	30	2	0	0	—	10.0	+0.9	29.0	36	0	23	+1	66	0	13	26
CAIRO GÎZA	05	6	00	0	0	0	—	10.0	+1.0	27.9	36	+1	22	+2	77	0	20	27
HELWÂN	00	6	00	0	0	0	—	9.4	+0.3	23.5	37	+2	24	+3	58	0	5	29
SUEZ	00	9	00	0	0	0	—	8.7	+0.5	30.4	39	+3	25	+2	41	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	9.0	-0.4	30.0	38	+2	23	+2	45	0	8	8
MINYA	00	9	32	2	1	2	1	8.3	-0.5	28.6	38	+2	24	+2	57	0	dr	—
ASYÛT	00	7	22	1	0	0	—	8.3	-0.1	28.8	40	+3	23	0	46	0	0	4
NAG HAMÂDI	00	8	24	1	0	0	—	7.9	+0.9	29.8	40	—	20	—	30	0	0	—
QENA	00	7	22	2	0	0	—	7.6	+0.6	25.0	42	+2	23	-1	26	0	dr	—
LUXOR	00	9	20	2	0	0	—	7.9	+1.2	25.0	42	+1	21	-2	19	0	dr	—
ASWÂN	00	9	00	0	0	0	—	7.1	+0.1	32.4	40	-1	26	0	30	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.9	+0.2	25.0	38	0	21	0	84	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	9.5	-0.6	28.0	37	0	23	+3	57	0	dr	7
KHÂRGA	00	9	00	0	0	0	—	—	—	31.3	40	0	24	+1	29	0	dr	—
DÂKHLA	00	8	28	1	0	0	—	8.7	+0.1	29.3	38	-1	24	+1	33	0	dr	—
RED SEA																		
TÔR	00	7	12	2	0	0	—	7.2	+1.1	29.6	35	+1	25	0	75	0	2	13
HURGHÂDA	00	7	30	1	0	1	3	7.9	+1.5	30.2	33	-2	26	+1	67	0	dr	3
QUSEIR	00	8	32	2	0	0	—	7.0	+0.8	30.9	33	-1	26	-1	67	0	dr	4
PORT SÛDÂN	00	8	00	0	1	2	8	7		32					62	0	156	102
NORTH SÛDÂN																		
WÂDI HALFA																0	tr	—
KAREIMA	01	8	20	3	1	4	4	9		31					43	0	1	12
'ATBARA	01	7	20	3	1	4	4,5	9		29					59	0	34	30
KHARTÛM	00	8	25	4	1	3	4	10		30					49	0	26	77
KASSALA	02	8	18	2	1	6	4,5	12		27					74	0	62	162
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	20	4	1	4	4	11		27					70	0	170	214
RENK												—		—		—	—	311
ROSEIRES																0	545	461
EL OBEID	02	9	22	4	1	7	4,2	12		23					78	0	262	186
EL FÂSHER	02	8	28	2	6	7	6,4	—	—	20					88	17	82	158
GENEINA	02	8	00	0	6	6	4	—	—	21		—		—	88	Rain	—	286
KADUGLI	01	8	28	1	1	5	4	11		21		—		—	94	—	—	483
S. SÛDÂN																		
MALAKÂL																2	515	534
WÂU	02	8	00	0	1	7	6	14		22					88	0	854	757
JUBA																0	891	746

UPPER WINDS ON 4th (الرياح العليا يوم ٤)

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12 h. 30 m.	13 h. m.	13 h. m.	13 h. 30 m.	13 h. 15 m.	13 h. m.
								03 20 25	06 19 35	06 21 20	06 23 20	06 19 20	06 36 05
								06 21 25	09 20 20	09 20 30	09 23 20	09 18 20	09 01 05
								09 21 30	15 19 30	15 19 20	15 22 20	15 17 15	15 15 05
								15 19 20	21 12 15	21 21 25	21 18 15	24 15 20	21 17 35
									24 12 20	24 23 20	24 15 10	30 14 35	24 18 25
									27 11 15			39 32 15	30 17 20
									30 11 10				33 16 10
									33 06 05				39 11 15
									39 08 20				45 07 20

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. m.	h. m.	h. m.
			02 02 20		02 03 10		03 22 42		09 19 30		
			05 05 15		05 03 30		10 30 10		15 21 30		
			08 05 30		10 36 25		15 26 40		21 32 15		
			10 04 30				20 25 25				
			15 36 25				25 22 50				
			20 30 30				30 23 65				
			23 24 30				35 23 55				
			25 23 30				40 21 65				
			30 22 30				45 22 40				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	6 h. 45 m.	6 h. 30 m.	h. m.	7 h. m.	h. m.
06 20 20	03 25 10	06 25 10		09 13 20	
09 26 20	06 34 15	09 25 30		15 12 25	
15 28 20	09 32 20	15 24 25		21 14 20	
21 02 10	15 31 20	21 25 30			
	21 31 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 4th	Diff from normal	Wet bulb temp °C on 4th	Diff from normal
Alexandria	74	0	24.7	+1.4
Ezbekiya	63	+3	23.8	+1.1
Giza	62	+1	24.1	+1.7
Helwân	51	+1	21.1	+0.5

GÎZA — GRASS MINIMUM TEMP ON 5th 19.0 °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
5-8	2546	4847
4-8	2199	4635

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.86	+0.18
Nâsser					
Malakâl				11.62	0.00
J. Aulia Res.				275.79	—
J. Aulia D.S				273.04	-1.11
Roseires		18.36	-0.45	19.48	+0.73
Sennar Res.				17.23	—
Khartûm				13.70	-0.81
Kh. el Girba				14.00	+0.24
'Atbara		13.20	-0.55	12.83	-0.79
Kajnarti				135.18	-2.92
Aswân Res.		101.48	—	101.88	—
Aswân D.S		87.44	-1.76	87.05	-1.95
Roda (Cairo)				16.60	+0.38

CYPRUS SYNOPTIC 8h ON 5th

34700 00990 18200 09301 60023 00100
34800 00990 26200 10311 70104

UPPER AIR TEMP ALMÂZA AT GMT ON HEIGHT (feet)	PPP m.b.	TT °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 PT 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Time of Sunrise 05 h. 12 m. — Sunset 18 h. 45 m.

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

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 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	30	3	0	0	—	12.6	28.3	78	0	131
MARIUT	00	7	31	3	0	0	—	11	29	70	0	150
ALEXANDRIA	00	9	02	4	0	0	—	11.2	28.8	69	0	132
DAMIETTA	00	8	02	3	1	2	8	10.0	32.0	51	0	159
PORT SAÏD	00	8	02	2	0	0	—	10.4	32.6	56	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	10.0	31.2	63	0	135
LOWER EGYPT												
DAMANHÛR	01	7	04	4	1	3	8	10.2	33.8	45	0	136
MANSÛRA	01	8	32	2	1	3	8	10.2	35.8	24	0	137
TANTA	00	8	28	2	0	0	—	9.9	36.0	29	0	138
ZAGAZIG	00	6	24	2	0	0	—	9.6	35.2	31	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	—	10.2	37.3	24	0	—
MIDDLE EGYPT												
CAIRO ALMAZA	00	8	28	2	0	0	—	9.1	37.5	27	0	141
CAIRO EZBEKÎYA	00	8	04	2	0	0	—	9.6	36.3	19	0	—
CAIRO GÎZA	00	8	04	2	0	0	—	9.1	36.6	25	0	—
HELWÂN	00	7	28	3	0	0	—	8.8	36.9	15	0	143
SUEZ	00	9	00	0	0	0	—		38.2	16	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	2	0	0	—	8.0	37.6	16	0	153
MINYA	00	9	04	3	1	2	8	7.7	39.0	23	0	154
ASYÛT	00	8	22	1	0	0	—	7.5	39.1	21	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	7.0	39.8	24	0	164
QENA	00	8	22	3	0	0	—	5.6	41.0	14	0	156
LUXOR	00	9	15	1	0	0	—	6.7	42.0	12	0	157
ASWÂN	00	9	20	1	0	0	—	6.4	40.8	19	0	158
WESTERN DESERT												
SÎWA	00	8	28	2	0	0	—	11.6	36.7	50	0	148
BAHARÎYA	00	8	32	1	0	0	—	8.8	38.0	27	0	149
KHÂRGA	00	9	16	1	0	0	—		40.0	—	0	151
DAKHLA	00	9	28	2	0	0	—	8.4	39.4	10	0	152
RED SEA												
TÔR	00	7	28	2	0	0	—	8.2	30.4	70	0	145
HURGHÂDA	00	8	02	2	0	0	—	6.8	33.8	53	0	146
QUSEIR	00	8	02	2	0	0	—	7.4	31.6	54	0	147
PORT SÛDÂN	12	7	08	4	1	4	1	4	38	56		208
NORTH SÛDÂN												
WÂDI HALFA	—											165
KAREIMA	02	8	28	2	1	6	8,4	7	39	23		166
'ATBARA	01	7	24	2	1	4	8,4	6	37	33		167
KHARTÛM	01	8	24	3	1	3	8,4	7	36	33		209
KASSALA	01	8	26	2	1	4	8	6	36	42		170
CENTRAL SÛDÂN												
WAD MEDANI	02	8	20	4	1	5	8	6	35	39		171
RENK	02	9	20	2	1	8	8	13	30	52		182
ROSEIRES	—											172
EL OBEID	02	9	20	3	1	6	4					174
EL FÂSHER	01	8	04	2	1	5	8,1	—	31	46		175
GENEINA	11	8	22	3	1	5	9,4	—	33	47		179
KADUGLI	01	8	28	1	1	5	4	9	30	55		187
S. SÛDÂN												
MALAKÂL												176
WÂU	01	8	00	0	1	5	8,4	10	31	52		177
JUBA												173

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 mms
MEDITERRANEAN											
SALÛM											
MATRÛH											
MARIUT	00	7	31	1	0	0	—	11	27	84	0
ALEXANDRIA	00	5	04	3	0	0	—	12.2	26.4	87	0
DAMIETTA	00	7	28	1	0	0	—	10.2	26.9	91	0
PORT SAÏD	00	8	02	2	0	0	—	10.6	27.6	71	0
EL 'ARÎSH	00	9	28	3	0	0	—	10.0	27.7	79	0
LOWER EGYPT											
DAMANHÛR	01	7	32	3	1	3	8	10.6	25.6	82	0
MANSÛRA	00	6	32	2	1	0	—	10.6	27.3	55	0
TANTA	00	8	00	0	0	0	—	10.6	27.8	48	0
ZAGAZIG	00	6	32	2	0	0	—	10.2	28.2	57	0
SHEBÎN EL KÔM	00	7	04	2	0	0	—	10.7	28.1	56	0
MIDDLE EGYPT											
CAIRO ALMAZA	00	7	02	4	0	0	—	9.6	31.1	53	0
CAIRO EZBEKÎYA	00	7	04	2	0	0	—	10.4	30.2	40	0
CAIRO GÎZA	00	7	04	2	0	0	—	10.2	30.2	35	0
HELWÂN	00	7	32	4	0	0	—	9.2	32.2	28	0
SUEZ	00	9	30	1	0	0	—		30.6	31	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	8.2	31.0	36	0
MINYA	00	9	32	2	1	0	—	8.3	33.9	34	0
ASYÛT											
NAG HAMÂDI	00	8	00	0	0	0	—	6.8	28.7	57	0
QENA	00	6	24	2	0	0	—	6.6	33.8	32	0
LUXOR	00	8	22	2	0	0	—	6.7	35.6	26	0
ASWÂN	00	9	00	0	0	0	—	7.0	38.0	19	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	11.5	30.0	67	0
BAHARÎYA	00	7	32	2	0	0	—	7.8	33.0	21	0
KHÂRGA	00	9	00	0	0	0	—		35.5	19	0
DAKHLA	00	8	28	1	0	0	—		34.3	17	0
RED SEA											
TÔR	00	7	28	1	0	0	—	7.0	30.5	70	0
HURGHÂDA	00	7	10	1	0	0	—	7.5	28.8	62	0
QUSEIR	00	8	04	1	0	0	—	7.2	29.0		0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 5th. — الرياح العليا يوم ٥

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

MATRÛH h. m.	MARIUT h. m.	PORT SAÏD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
	12 h 45 m.	12 h 30 m.		12 h. 30 m.	13 h. 15 m.	12 h.		13 h.	13 h.	13 h 15 m.	13 h. 15 m.		
	03 34 40	03 02 05		03 02 05	03 23 15	02 07 20		03 29 20	06 22 10	06 19 10	06 22 15		
	06 34 40	06 03 10		06 35 15	06 27 15	06 01 15		06 33 05	09 23 10	09 20 10	09 22 25		
	09 30 05	09 02 05		09 35 15	09 26 15	09 02 30		09 31 10	15 20 05	15 23 10	15 23 20		
	15 03 05	15 32 10		15 28 15	15 26 35	15 02 10		15 05 05	21 10 15	21 23 10	21 23 35		
	21 03 15	21 25 15		21 25 15	21 27 30	21 08 15		21 09 20	24 10 15		30 12 15		
	24 14 05	30 24 40		24 22 15		30 35 20		24 11 25	30 09 30		33 11 15		
	33 24 05	36 24 15		30 16 15					33 10 30		39 11 15		
	39 11 15								39 11 35		45 09 15		
	48 21 20												

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	CAR PRESSURE M.S.L. 1000+ mbs. PPP	CAR 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 Last 24 h. mms	RAINFALL Total from Oct. 1 mms	RAINFALL Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM											—		—					99
MATRÛH																	55	161
MARIUT	00	8	31	2	0	0	—	12		28	31	—	24	—	79	0	139	138
ALEXANDRIA	00	9	30	2	0	0	—	12.6	+2.9	27.4	32	+2	24	+1	74	0	106	186
DAMIETTA	00	7	32	1	1	2	8	11.4	+2.8	27.0	33	—	23	—	81	0	32	106
PORT SAÏD	00	8	30	1	0	0	—	11.8	+3.7	28.3	33	+1	25	+1	72	0	27	81
EL 'ARÎSH	00	9	00	0	1	4	3	11.1	+2.3	29.9	32	+1	21	0	69	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	04	1	0	0	—	12.2	+2.9	27.2	35	+2	21	+1	77	0	84	101
MANSÛRA	01	8	02	1	1	4	8	12.0	+3.1	27.2	37	+2	22	+1	81	0	15	55
TANTA	00	8	00	0	0	0	—	12.3	+2.7	26.2	37	+2	19	−1	77	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	12.4	+2.9	29.8	35	0	20	0	70	0	24	27
SHEBÎN EL KÔM	01	8	30	2	1	3	8	12.4	+3.1	28.2	38	—	21	—	66	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	4	00	0	1	8	6	11.9	+2.8	25.4	38	—	20	—	77	0	14	—
CAIRO EZBEKÎYA	00	8	02	1	1	8	6	12.2	+3.1	24.2	37	+2	21	−1	88	0	13	26
CAIRO GÎZA	0	5	02	1	4	7	6	12.4	+3.4	24.9	37	+2	20	0	83	0	20	27
HELWÂN	05	6	30	2	0	0	—	11.8	+2.7	24.5	38	+3	22	+1	73	0	5	29
SUEZ	00	9	02	1	0	0	—			28.5	40	+4	25	+2	54	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	11.1	+1.7	26.7	38	+2	22	+1	68	0	8	8
MINYA	00	9	32	2	0	0	—	10.8	+2.0	28.3	39	+3	23	+1	53	0	dr.	—
ASYÛT	00	7	20	1	0	0	—	10.6	+2.2	28.8	40	+3	23	0	47	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	9.6	+2.5	30.0	40	—	23	—	15	0	0	—
QENA	00	7	22	2	0	0	—	7.8	+0.8	35.4	42	+2	25	+1	27	0	dr.	—
LUXOR	00	9	16	1	0	0	—	8.4	+1.7	36.0	43	+2	25	+2	25	0	dr.	—
ASWÂN	00	9	00	0	0	0	—	8.3	+1.3	33.7	42	+1	28	+2	21	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	04	2	0	0	—	14.0	+2.2	25.2	38	0	21	0	90	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	11.1	+1.0	26.0	39	+2	22	+2	62	0	dr.	7
KHÂRGA	00	9	00	0	0	0	—			34.5	42	+2	25	+2	27	0	dr.	—
DÂKHLA	00	8	00	0	0	0	—	9.9	+1.2	30.6	40	+1	27	+4	30	0	dr.	—
RED SEA																		
TÔR	00	7	28	1	0	0	—	8.6	+2.5	30.6	35	+1	24	−1	60	0	2	13
HURGHÂDA	00	8	28	3	0	0	—	8.8	+2.4	32.2	36	+1	26	+1	39	0	dr.	3
QUSEIR	00	8	32	2	0	0	—	8.2	+2.0	33.0	33	−1	27	0	38	0	dr.	4
PORT SÛDÂN																0	156	102
NORTH SÛDÂN																		
WÂDI HALFA																0	tr.	—
KAREIMA																6	7	13
'ATBARA																21	55	32
KHARTÛM																2	28	80
KASSALA																27	89	166
CENTRAL SÛDÂN																		
WAD MEDANI																7	177	220
RENK	00	9	20	2	0	0	—	13		24		—		—	94	—	—	315
ROSEIRES	02	7	24	1	2	6	9	13		22					94	0	545	467
EL OBEID																0	262	190
EL FÂSHER									—	—						0	82	163
GENEINA									—	—		—		—		—	—	294
KADUGLI	01	8	12	1	1	5	4	13		21		—		—	94	—	—	488
S. SÛDÂN																		
MALAKÂL																0	515	541
WÂU																0	854	764
JUBA																0	891	750

UPPER WINDS ON 6th. — الرياح العليا يوم ٦

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

MATRÛH h. m.	MARIUT h. m.	PORT SAÏD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			02 33 25		02 36 20		02 01 05				
			05 04 20		05 01 25		05 36 20				
			10 05 40		10 36 30		10 35 15				
			15 36 15		15 34 40		15 28 25				
			20 28 45		20 29 15		20 26 25				
			25 24 35				25 26 30				
			30 21 60								

KASSALA 7 h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA 7 h. m.	MALAKAL h. m.
03 12 25				03 36 25	
09 11 30				09 33 25	
15 12 20				15 15 10	
18 12 25				21 12 20	
				24 13 25	

UPPER AIR TEMP — ALMÂZA

AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 6th.

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	79	+5	24.7	+1.4
Ezbekiya	48	−12	22.0	−0.7
Gîza	51	−11	22.4	0.0
Helwân	40	−10	20.8	+0.1

GÎZA — GRASS MINIMUM TEMP ON 6th. 16.4 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.86	+0.17
Nasser				9.78	+0.20
Malakâl		11.63	−0.02	11.63	−0.01
J. Aulia Res.				375.90	—
J. Aulia D.S				373.18	−1.12
Roseires	5th.	18.02	−0.83	18.36	−0.45
Sennar Res.					
Khartûm	6			13.82	−0.83
Kh. el Girba				13.20	−0.60
'Atbara				13.20	−0.55
Kajnarti		135.51	−2.99	135.26	−2.99
Aswân Res.				161.48	—
Aswân D.S				89.44	−1.76
Roda (Cairo)				16.60	+0.36

Discharges at Aswân measured by sluices m³ per sec.

DATE	1947	1946
6th.		
5th.	2546	4847

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	47
Thick	49
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-99
... of Snow	83, 84
... of Sleet	85, 86
... of Hail	88, 89
Thunderstorm	90-99
... ended in low Rain	91
... with Hail	94-96
... with duststorm	98
... heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ...	1
500 ...	2
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	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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. 17 m.
Sunset 18 h. 44 m.

Month *August* 1947

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

شهر أغسطس ١٩٤٧

At 14h. on *Wednesday 6th* (الساعة ١٤ يوم ٦/٨)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	02	2	0	0	—	13.5	28.3	76	0
MARIUT	00	7	30	3	0	0	—	12	29	74	0
ALEXANDRIA	00	9	30	4	0	0	—	12.0	29.0	68	0
DAMIETTA	00	8	30	3	1	0	—	10.7	31.1	63	0
PORT SA'ÎD	00	8	30	3	0	0	—	11.0	32.6	58	0
EL 'ARÎSH	00	9	28	2	0	0	—	—	30.2	68	0
LOWER EGYPT											
DAMANHÛR	00	7	28	4	0	0	—	11.2	33.1	40	0
MANSÛRA	01	8	04	1	1	3	8	10.7	35.0	40	0
TANTA	00	8	00	0	0	0	—	10.8	36.0	29	0
ZAGAZIG	00	6	28	2	0	0	—	10.2	34.2	38	0
SHEBÎN EL KÔM	00	8	30	3	0	0	—	11.2	36.3	20	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	8	02	3	0	0	—	9.5	35.2	42	0
CAIRO EZBEKÎYA	00	8	30	3	0	0	—	10.2	34.7	33	0
CAIRO GÎZA	00	8	04	2	0	0	—	10.0	34.4	32	0
HELWÂN	00	8	32	4	0	0	—	9.2	35.6	16	0
SUEZ	00	9	30	1	0	0	—		35.9	22	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	9.1	36.0	17	0
MINYA	00	9	30	2	0	0	—	9.8	36.6	26	0
ASYÛT	00	8	22	1	0	0	—	9.1	38.9	17	0
NAG' HAMÂDI	00	8	00	0	0	0	—	—	40.0	23	0
QENA	00	8	24	2	0	0	—	5.6	43.4	14	0
LUXOR	00	9	22	3	0	0	—	6.2	43.0	16	0
ASWÂN	00	9	24	1	0	0	—	5.6	42.8	21	0
WESTERN DESERT											
SÎWA	00	8	20	3	0	0	—	12.8	36.0	52	0
BAHARÎYA	00	8	32	1	0	0	—	9.1	36.0	17	0
KHÂRGA	00	9	00	0	0	0	—	—	35.5	18	0
DAKHLA	00	9	28	1	0	0	—	8.6	39.4	14	0
RED SEA											
TÔR	00	7	28	2	0	0	—	7.8	33.2	54	0
HURGHÂDA	00	8	32	4	0	0	—	6.7	34.6	45	0
QUSEIR	00	8	02	2	0	0	—	7.5	33.0	67	0
PORT SÛDÂN	00	8	08	3	0	1	8	3	39	62	
NORTH SÛDÂN											
WÂDI HALFA	05	7	24	3	0	0	—	7	41	18	
KAREIMA	01	8	00	0	1	3	4,1	8	37	40	
'ATBARA	01	7	00	0	1	3	8	8	34	41	
KHARTÛM	01	8	20	2	1	4	8,4	8	34	39	
KASSALA	01	8	22	1	1	4	8	9	31	55	
CENTRAL SÛDÂN											
WAD MEDANI	01	8	10	3	1	4	8	8	32	43	
RENK	00	9	20	2	0	0	—	10	30	70	
ROSEIRES	01	8	18	1	1	3	4	10	29	70	
EL OBEID	02	9	12	2	1	5	8,4	8	32	46	
EL FÂSHER	02	8	10	3	1	5	8,4	—	30	55	
GENEINA	10	8	30	2	1	8	6	—	29	62	
KADUGLI	02	8	20	1	1	5	4	8			
S. SÛDÂN											
MALAKÂL	10	8	24	1	0	3	8		31	55	
WÂU	02	8	14	1	1	5	8	10	32	46	
JUBA	02	8	32	1	1	5	8	10	31	55	

At 20h. on *6th* (الساعة ٢٠ 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 Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
SALÛM												130
MATRÛH	00	8	30	1	0	0	—	12.7	26.2	81	0	131
MARIUT	00	7	30	2	0	0	—	11	26	79	0	150
ALEXANDRIA	00	5	32	4	0	0	—	11.6	26.0	76	0	132
DAMIETTA	00	7	28	2	0	0	—	10.4	26.7	92	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	10.6	27.3	73	0	134
EL 'ARÎSH	00	9	28	1	0	0	—	10.0	27.1	85	0	135
DAMANHÛR	00	7	28	2	0	0	—	11.9	25.6	82	0	136
MANSÛRA	00	6	02	1	1	0	—	10.8	27.0	68	0	137
TANTA	00	8	00	0	0	0	—	11.2	28.0	73	0	138
ZAGAZIG	00	6	24	2	0	0	—	10.6	30.2	56	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	11.8	28.2	57	0	—
CAIRO ALMÂZA	00	7	02	3	0	0	—	9.7	30.8	53	0	141
CAIRO EZBEKÎYA	00	7	30	2	0	0	—	10.3	30.3	46	0	—
CAIRO GÎZA	00	7	04	2	0	0	—	10.6	29.2	48	0	—
HELWÂN	00	7	32	5	0	0	—	9.5	30.8	39	0	143
SUEZ	00	9	32	1	0	0	—	8.2	29.2	29	0	144
FAIYÛM	00	8	32	1	0	0	—	9.2	29.6	36	0	153
MINYA	00	8	02	1	0	0	—	8.3	32.0	25	0	154
ASYÛT	00	6	26	1	0	0	—	8.6	31.2	31	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	7.9	32.0	38	0	164
QENA	00	6	24	2	0	0	—	6.4	35.4	20	0	156
LUXOR	00	8	18	3	0	0	—	7.1	37.6	24	0	157
ASWÂN	00	9	00	0	0	0	—	7.0	39.0	21	0	158
SÎWA	00		00	0	0	0	—	10.0	29.2	53	0	148
BAHARÎYA	00	7	00	0	0	0	—	9.4	30.0	28	0	149
KHÂRGA	00	9	32	1	0	0	—	—	36.7	15	0	151
DAKHLA	00	8	00	0	0	0	—		33.9	20	0	152
TÔR	00	7	28	3	0	0	—	6.2	36.9	34	0	145
HURGHÂDA	00	8	30	2	0	0	—	5.6	31.8	54	0	146
QUSEIR	00	8	30	1	0	0	—	6.3	31.0	60	0	147
PORT SÛDÂN												208
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER								—				175
GENEINA								—				179
KADUGLI												187
MALAKÂL												176
WÂU												177
JUBA												173

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. 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	Rainfall Total from Oct 1 mms	Rainfall Norm from Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	26	2	0	0	—	10.4	+0.2	25.2	28	0	20	-2	79	0	55	161
MARIUT	00	7	26	2	0	0	—	10		27	31	—	22	—	70	0	139	138
ALEXANDRIA	00	9	02	3	0	0	—	10.2	+1.0	26.6	31	+1	24	+1	79	0	106	186
DAMIETTA	00	8	28	2	0	0	—	9.5	+0.8	28.2	33	—	24	—	74	0	32	106
PORT SA'ÎD	01	8	28	2	1	4	8	9.5	+1.3	28.6	34	+2	25	+1	72	0	27	81
EL 'ARÎSH	00	9	20	1	0	0	—	9.2	+0.4	29.3	32	+1	21	0	70	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	28	3	0	0	—	10.6	+1.3	27.4	34	+1	20	0	72	0	84	101
MANSÛRA	00	8	02	1	0	0	—	10.2	+1.3	27.2	37	+2	20	-1	72	0	15	55
TANTA	00	8	00	0	0	0	—	10.6	+1.0	24.0	36	+1	19	-1	87	0	8	44
ZAGAZIG	01	6	32	2	1	4	8	9.9	+0.4	27.2	36	+1	21	+1	77	0	24	27
SHEBÎN EL KÔM	00	8	28	1	0	0	—	11.1	+1.7	27.2	37	—	20	—	79	0	9	—
MIDDLE EGYPT																		
CAIRO ALMÂZA	00	7	02	1	2	3	8	10.4	+1.2	25.8	36	—	23	—	77	0	14	—
CAIRO EZBEKÎYA	05	7	28	2	1	4	8	10.4	+1.2	26.2	35	0	23	+1	67	0	13	26
CAIRO GÎZA	00	7	28	2	0	3	8	11.1	+2.0	26.9	35	0	22	+2	72	0	20	27
HELWÂN	00	7	00	0	0	0	—	10.3	+1.1	24.9	37	+2	21	0	70	0	5	29
SUEZ	00	9	32	1	0	0				29.5	38	+2	24	+1	50	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	0	—	10.2	+0.8	26.7	37	+1	22	+1	68	0	8	8
MINYA	00	9	32	3	0	0	—	10.2	+1.3	27.4	38	+2	22	+1	67	0	dr	—
ASYÛT	00	7	22	2	0	0	—	9.9	+1.5	28.0	39	+2	22	-1	52	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.8	+1.7	28.8	40	—	23	—	49	0	0	—
QENA	00	7	24	2	0	0	—	6.8	-0.2	35.6	44	+4	25	+1	26	0	dr	—
LUXOR	00	9	26	2	0	0	—	7.9	+1.2	33.8	44	+3	25	+2	32	0	dr	—
ASWÂN	00	9	32	1	0	0	—	7.4	+0.4	34.0	44	+3	29	+3	22	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	12.6	+0.8	26.2	37	-1	20	-1	67	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	11.1	+0.9	25.0	38	+1	21	+1	68	0	dr	7
KHÂRGA	00	9	32	2	0	0	—	—	—	32.5	42	+2	25	+2	26	0	dr	—
DÂKHLA	00	8	00	0	0	0	—	10.3	+1.6	29.9	40	+1	25	+2	31	0	dr	—
RED SEA																		
TÔR	00	7	28	4	0	0	—	6.2	+0.1	28.8	36	+2	24	-1	68	0	2	13
HURGHÂDA	00	8	28	4	0	0	—	6.4	0.0	31.6	36	+1	26	+1	41	0	dr	3
QUSEIR	00	8	32	2	0	0	—	6.4	+0.2	32.0	34	0	28	+1	51	0	dr	4
PORT SÛDÂN	01	8	08	2	1	3	4,2	5		36					62	0	156	102
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	—	7		37					10	0	tr	—
KAREIMA	00	8	24	3	0	0	—	9		33					44	0	7	13
'ATBARA	02	7	22	3	1	7	4,5	9		29					55	0	55	33
KHARTÛM	10	8	20	4	1	4	4	10		31					52	0	28	83
KASSALA	02	8	16	2	1	7	6	11		25					79	dr	89	170
CENTRAL SÛDÂN																		
WAD MEDANI																0	177	226
RENK												—		—		—	—	320
ROSEIRES																0	545	474
EL OBEID	00	9	22	2	0	3	4	12		27					66	0	262	194
EL FÂSHER	00	8	00	0	0	1	7	—	—	25					79	0	82	167
GENEINA	01	8	00	0	1	4	8,4	—	—	22		—		—	74	—	—	301
KADUGLI												—		—		—	—	493
S. SÛDÂN																		
MALAKÂL																8	523	547
WÂU																0	854	771
JUBA																0	891	754

UPPER WINDS ON 6th (الرياح العليا يوم ٦)

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

MATRÛH h. m.	MARIUT 12h. m.	PORT SA'ÎD 12h. 15m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 12h. 45m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA h. m.
	03 34 15	03 32 15					03 23 05	03 27 05	06 20 15	06 21 10	06 18 05	06 24 05	
	06 34 05	06 36 05					06 28 10	06 21 05	09 20 20	09 21 10	09 17 10	09 23 02	
	09 35 10	09 01 10					09 29 05	09 13 02	15 18 15	15 27 15	15 13 10	15 00 00	
	12 35 15	15 02 15					15 29 10		21 12 20		21 11 15	21 10 20	
	15 01 15	21 36 15							39 11 35			30 19 05	
	24 06 20	24 28 20							45 12 30				
	30 05 20	27 26 15											
	36 04 10	30 25 15											
	39 10 05	33 24 15											

UPPER WINDS ON 7th (الرياح العليا يوم ٧)

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. m.	ABU HAMAD 7h. m.	KAREIMA h. m.	KHARTÛM 6h. 30m.
			00 31 10		02 33 10		02 01 35	03 26 05	06 26 30		03 21 25
			02 33 20		05 36 35		05 35 35	06 26 30	09 26 40		09 22 30
			05 36 15		10 33 40		10 35 20	09 25 35	15 28 25		15 25 15
			08 36 30				15 29 30	15 27 30	21 36 30		21 16 10
			10 01 25				20 27 40	21 31 10			24 11 15
			15 04 20				25 27 40	24 36 15			27 09 25
			20 36 15				30 28 40	30 06 30			
			23 36 35				35 28 50	33 08 20			
			25 36 25				40 29 35				

KASSALA 8h. m.	PORT SÛDÂN 6h. 45m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
03 23 30	03 08 10	06 22 30			
09 26 40	06 09 10	09 21 30			
15 28 55	09 09 10	15 20 30			
21 36 30	15 07 15				
24 31 30	21 06 15				
	24 05 15				

UPPER AIR TEMP. ALMÂZA

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			

CYPRUS SYNOPTIC 8h ON 7th
24700 00990 00000 06292 30902 00190.
24810 00961 26301 07881 70303 00310.

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.	1947	1946
DATE 7-8	2604	6367
DATE 6-8	2604	5195

Station	Mean of day Humidity % on 6th	Diff from normal	Wet Bulb Temp °C on 6th	Diff from normal
Alexandria	73	-1	23.9	+0.6
Ezbekiya	62	+2	22.6	-0.1
Giza	61	-1	22.3	-0.1
Helwân	53	+3	20.7	0.0

GÎZA — GRASS MINIMUM TEMP. ON 7th 16.3 °C

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

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7				
Nâsser					
Malakâl		11.64	-0.02	11.63	-0.02
J. Aulia Res.				375.75	—
J. Aulia D.S				373.43	-1.05
Roseires		17.98	-0.91	18.02	-0.83
Sennar Res.				17.20	—
Khartûm		14.46	-0.38	14.18	-0.56
Kh. el Girba					
'Atbara				13.59	-0.30
Kajnarti				135.51	-2.99
Aswân Res.		100.09	—	100.84	—
Aswân D.S		87.59	-2.06	87.55	-1.90
Roda (Cairo)				16.63	+0.34

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO Time of Sunrise h. m. 05 17 — Sunset h. m. 18 43

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

DAILY WEATHER REPORT

Month *AUGUST* 1947 — شهر أغسطس ١٩٤٧

At 14h. on THURSDAY 7th (الساعة ١٤ يوم ٧) — 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
Mediterranean	SALÛM																							130
	MATRÛH	00	9	30	3	0	0	—	10.4	28.4	79	0												131
	MARIUT	00	7	28	4	0	0	—	9	29	66	0	00	7	29	2	0	0	—	8	25	74	0	150
	ALEXANDRIA	00	9	32	5	0	0	—	9.6	29.2	61	0	00	5	30	3	0	0	—	9.0	26.2	75	0	132
	DAMIETTA	00	8	30	3	0	0	—	8.3	29.9	65	0	00	7	26	3	0	0	—	8.0	26.0	84	0	159
	PORT SA'ÎD	00	8	28	3	0	0	—	8.2	32.7	53	0	00	8	28	2	0	0	—	8.2	26.5	72	0	134
	EL 'ARÎSH	00	9	28	3	0	0	—	8.2	31.4	46	0	00	9	30	1	0	0	—	7.0	28.4	77	0	135
Lower Egypt	DAMANHÛR	00	7	28	4	0	0	—	9.1	31.3	51	0	00	7	28	2	0	0	—	9.0	25.4	80	0	136
	MANSÛRA	00	8	24	2	0	0	—	8.6	34.2	51	0	00	6	24	1	0	0	—	8.7	25.6	76	0	137
	TANTA	00	8	00	0	0	0	—	8.3	35.0	28	0	00	8	00	0	0	0	—	8.6	25.6	71	0	138
	ZAGAZIG	00	6	24	2	0	0	—	8.3	33.4	49	0	00	6	32	2	0	0	—	7.6	27.2	65	0	139
	SHEBÎN EL KÔM	00	8	28	3	0	0	—	9.0	33.4	35	0	00	7	28	2	0	0	—	7.9	26.8	53	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	32	2	0	0	—	7.6	34.8	27	0	00	7	02	2	0	0	—	7.6	30.0	47	0	141
	CAIRO EZBEKÎYA	00	8	28	1	0	0	—	8.6	33.8	27	0	00	8	28	2	0	0	—	7.6	28.3	49	0	—
	CAIRO GÎZA	00	8	28	1	0	0	—	8.2	34.6	34	0	00	8	28	2	0	0	—	8.4	27.9	61	0	—
	HELWÂN	00	8	28	3	0	0	—	7.8	33.8	19	0	00	7	32	3	0	0	—	7.5	30.3	34	0	143
	SUEZ	00	9	02	1	0	0	—		35.0	20	0	00	9	02	2	0	0	—		28.2	65	0	144
Upper Egypt	FAIYÛM	00	8	32	1	0	0	—	7.9	35.1	17	0	00	8	32	1	0	0	—	7.2	29.7	59	0	153
	MINYA	00	9	32	4	0	0	—	8.6	35.8	21	0	00	8	30	1	0	0	—	7.6	31.7	28	0	154
	ASYÛT	00	8	22	1	0	0	—	8.2	35.2	19	0	00	6	22	1	0	0	—	7.8	30.0	30	0	155
	NAG HAMÂDI	00	8	24	1	0	0	—	6.4	36.2	24	0	00	8	00	0	0	0	—	6.4	27.4	53	0	164
	QENA	00	8	22	3	0	0	—	4.7	39.6	15	0	00	6	24	2	0	0	—	5.1	32.3	29	0	156
	LUXOR	00	9	16	3	0	0	—	5.8	39.6	19	0	00	8	30	3	0	0	—	5.0	33.6	31	0	157
	ASWÂN	00	9	32	1	0	0	—	4.3	42.5	14	0	00	9	32	1	0	0	—	5.4	39.0	14	0	158
Western Desert	SÎWA	00	8	20	2	0	0	—	11.9	35.7	49	0	00	—	00	0	0	0	—	9.8	28.5	53	0	148
	BAHARÎYA	00	8	28	1	0	0	—	8.6	36.5	19	0	00	7	32	2	0	0	—	7.9	31.5	21	0	149
	KHÂRGA	00	9	32	1	0	0	—		38.0	13	0	00	9	32	2	0	0	—		34.3	14	0	151
	DAKHLA	00	9	28	2	0	0	—	8.7	38.8	16	0	00	8	00	0	0	0	—	7.4	33.2	25	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	5.9	31.8	62	0	00	7	24	4	0	0	—	4.3	31.5	54	0	145
	HURGHÂDA	00	8	32	5	0	0	—	4.3	35.6	34	0	00	8	28	2	0	0	—	4.3	30.2	46	0	146
	QUSEIR	00	8	02	2	0	0	—	5.4	33.3	43	0	00	8	30	1	0	0	—	4.6	31.0	42	0	147
	PORT SÛDÂN	00	8	08	3	1	2	8,4	2	39	38													208
North Sûdân	WÂDI HALFA																							165
	KAREIMA	01	8	24	3	1	3	8,1		40	20													166
	'ATBARA	01	7	24	3	1	4	4	4	38	29													167
	KHARTÛM	01	8	20	3	6	3	8,4	5	35	35													209
	KASSALA	02	8	18	2	1	6	6,4	7	37	40													170
Central Sûdân	WAD MEDANI	02	9	20	4	1	8	8	5	34	36													171
	RENK	01	9	20	2	1	5	8	10	31	66													182
	ROSEIRES																							172
	EL OBEID	02	9	16	2	1	5	8,4	7	32	41													174
	EL FÂSHER	01	8	12	2	1	3	8	—	32	43										—			175
	GENEINA	01	8	12	1	1	4	8	—	29	55										—			179
	KADUGLI	01	8	20	1	1	4		9	31	49													187
S. Sûdân	MALAKÂL																							176
	WÂU	02	8	12	1	1	5	9,4	9	33	41													177
	JUBA																							173

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	Car Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Max Diff from norm °C	Minimum Today °C	Min Diff from norm °C	Humidity % UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Mediterranean	SALÛM												—		—				99
	MATRÛH																	55	161
	MARIUT	00	7	26	2	0	0	—	7		28	30	—	21	—	70	0	139	138
	ALEXANDRIA	01	9	28	3	1	3	8	7.6	-2.2	27.0	30	0	24	0	69	0	106	186
	DAMIETTA	00	8	22	2	1	2	8	7.1	-1.6	26.8	31	—	20	—	82	0	32	106
	PORT SA'ÎD	01	8	30	3	1	4	8	7.4	-0.8	26.3	34	+2	24	0	73	0	27	81
	EL 'ARÎSH	00	9	20	1	0	3	3	7.4	-1.4	26.7	32	+1	21	0	72	0	47	94
Lower Egypt	DAMANHÛR	00	7	12	2	0	0	—	8.0	-1.4	27.8	32	-1	19	-1	73	0	84	101
	MANSÛRA	00	8	30	1	0	0	—	7.5	-1.5	27.0	35	0	19	-2	71	0	15	55
	TANTA	00	8	00	0	0	0	—	7.6	-2.0	27.3	36	+1	18	-2	68	0	8	44
	ZAGAZIG	00	6	32	2	0	0	—	7.8	-1.8	28.2	34	-1	20	0	70	0	24	27
	SHEBÎN EL KÔM	00	8	22	2	0	0	—	8.6	-0.8	27.3	34	—	20	—	66	0	9	—
Middle Egypt	CAIRO ALMAZA	00	7	00	0	0	2	6	7.7	-1.5	24.8	36	—	22	—	77	0	14	—
	CAIRO EZBEKÎYA	00	7	00	0	0	0	—	8.2	-1.0	25.7	35	0	22	0	68	0	13	26
	CAIRO GÎZA	00	7	00	0	0	0	—	8.2	-1.0	25.9	35	0	18	-2	69	0	20	27
	HELWÂN	00	7	00	0	0	0	—	7.8	-1.5	24.0	35	0	19	-2	70	0	5	29
	SUEZ	00	9	00	0	0	0	—			27.7	36	0	22	-1	55	0	4	17
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	7.8	-1.7	27.3	36	0	20	-1	57	0	8	8
	MINYA	00	9	30	1	0	0	—	7.9	-1.0	27.3	37	+1	20	-1	58	0	dr.	—
	ASYÛT	00	7	22	1	0	0	—	7.5	-0.9	28.8	37	0	21	-2	41	0	0	4
	NAG HAMÂDI	00	8	00	0	0	0	—	7.1	-0.1	28.7	37	—	19	—	44	0	0	—
	QENA	00	7	24	2	0	0	—	6.0	-1.1	35.0	41	+1	25	+1	27	0	dr.	—
	LUXOR	00	9	02	2	0	0	—	6.3	-0.5	33.5	40	-1	22	-1	26	0	dr.	—
	ASWÂN	00	9	00	0	0	0	—	6.7	-0.3	33.0	43	+2	27	+1	25	0	dr.	—
Western Desert	SÎWA	00	7	28	2	0	0	—	10.4	-1.4	24.8	37	-1	21	+1	85	0	2	8
	BAHARÎYA	00	8	00	0	0	0	—	8.2	-2.0	28.2	37	0			38	0	dr.	7
	KHÂRGA	00	9	00	0	0	0	—			26.4	41	+1	21	-2	33	0	dr.	—
	DÂKHLA	00	8	28	1	0	0	—	8.8	0.0	29.1	40	+1	23	0	34	0	dr.	—
Red Sea	TÔR	00	7	28	4	0	0	—	5.2	-1.0	29.8	34	0	24	-1	47	0	2	13
	HURGHÂDA	00	8	24	4	0	0	—	5.1	-1.4	30.6	36	+1	24	-1	54	0	dr.	3
	QUSEIR	00	8	28	2	0	0	—	5.2	-1.0	32.7	34	0	27	0	27	0	dr.	4
	PORT SÛDÂN	18	5	22	4	0	0	—	4		37			31		33	0	156	102
North Sûdân	WÂDI HALFA																0	dr.	—
	KAREIMA	05	6	20	3	1	8	2	10		29			22		52	0	7	14
	'ATBARA	00	7	20	3	1	0	—	9		26			23		70	0	55	34
	KHARTÛM	02	6	16	3	6	7	4,2	10		24			21		79	19	47	86
	KASSALA	01	8	20	3	1	5	6,4	10		25			23		84	3	92	175
Central Sûdân	WAD MEDANI	01	9	18	3	1	4	4	12		24					94	3	180	232
	RENK	02	9	20	2	1	8	1	14		23		—		—	94	—	—	324
	ROSEIRES																10	555	481
	EL OBEID	02	9	24	1	6	8	6,4	12		23			21		94	13	275	198
	EL FÂSHER	10	9	04	2	1	8	6,4	—	—	22			22		83	0	82	172
	GENEINA								—	—			—		—		—	—	309
	KADUGLI	02	8	20	1	2	6	4	11		23		—		—	78	—	—	498
S. Sûdân	MALAKÂL																18	541	553
	WÂU	02	8	00	0	1	7	5	12		24			21		74	0	854	778
	JUBA																0	891	759

UPPER WINDS ON 7th (الرياح العليا يوم ٧)

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12h. 45m.	h. m.	h. m.	13h. 15m.	h. m.	12h. 30m.
								09 28 15			09 23 20		09 28 15
								15 27 20			15 22 05		15 19 15
								21 32 10			21 11 05		21 27 15
								24 03 05			24 10 15		24 31 20
								30 12 10					30 31 25
								33 13 02					39 35 20
								39 11 15					45 01 20
													51 03 30

UPPER WINDS ON 8th (الرياح العليا يوم ٨)

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7h. m.	7h. m.	h. m.
									06 27 40	03 20 10	
									09 27 55	06 21 20	
									15 31 30	09 24 30	
										15 29 30	
										21 34 15	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. m.	6h. 45m.	7h. 30m.	7h. m.	h. m.	7h. 15m.
06 21 35	03 27 10	06 27 05	09 08 30		06 17 25
09 21 35	06 28 10	09 26 05	15 09 15		09 14 25
	09 24 15	15 27 10			15 16 15
	15 29 05	21 22 05			21 06 40
	21 35 20				

UPPER AIR TEMP — ALMÂZA

AT G.M.T ON

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

CYPRUS SYNOPTIC 8h ON 8th

Remarks

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

Station	Mean of day Humidity % on 7th	Diff from normal	Wet bulb temp °C on 7th	Diff from normal
Alexandria	70	-4	23.1	-0.2
Ezbekiya	53	-7	21.2	-1.5
Giza	57	-5	22.3	-0.1
Helwân	49	-1	20.0	-0.7

GÎZA — GRASS MINIMUM TEMP ON 8th 13.0 °C

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

Discharges at Aswân measured by sluices m³ per sec.	1947	1946
DATE 8th	2622	7471
7th	2604	6367

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.80	+0.08	13.86	+0.15
Nâsser		9.83	+0.18	9.82	+0.19
Malakâl		11.65	-0.02	11.64	-0.02
J. Aulia Res.				375.12	—
J. Aulia D.S				373.78	-0.78
Roseires	7th	19.10	+0.18	19.98	-0.91
Sennar Res.	8th				
Khartûm		14.48	-0.44	14.46	-0.38
Kh. el Girba					
'Atbara		13.35	-0.81	13.36	-0.64
Kajnarti		136.52	-2.50	135.94	-3.22
Aswân Res.		99.27	—	100.09	—
Aswân D.S		87.63	-2.39	87.59	-2.06
Roda (Cairo)		16.63	+0.16	16.63	+0.25

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

WIND DIRECTION (DD)

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

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Time of Sunrise h. 4 m. 45
Sunset 18 43

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

At 14h. on FRIDAY 8th. — الساعة ١٤ 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 PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	7	30	4	0	0	—	7.9	28.7	85	0	131
MARIUT	00	7	26	3	0	0	—	8	30	55	0	150
ALEXANDRIA	00	9	26	4	0	0	—	7.1	30.2	61	0	132
DAMIETTA	00	8	02	3	1	0	—	6.7	30.2	55	0	159
PORT SA'ÎD	00	8	32	2	0	0	—	6.8	31.8	67	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	6.7	29.2	63	0	135
LOWER EGYPT: DAMANHÛR	00	7	28	4	0	0	—	7.8	33.0	34	0	136
MANSÛRA	00	8	32	2	0	0	—	6.7	34.0	30	0	137
TANTA	00	8	00	0	0	0	—	6.6	35.5	31	0	138
ZAGAZIG	00	6	32	2	0	0	—	7.6	33.4	46	0	139
SHEBÎN EL KÔM	00	8	22	3	0	0	—	7.2	34.9	28	0	—
MIDDLE EGYPT, CAIRO: ALMÂZA	00	8	24	2	0	0	—	6.2	32.2	29	0	141
EZBEKÎYA	00	8	26	1	0	0	—	7.0	33.7	34	0	—
GÎZA	00	8	28	1	0	0	—	6.8	34.5	29	0	—
HELWÂN	00	8	32	3	0	0	—	6.2	33.0	25	0	143
SUEZ	00	9	02	1	0	0	—		34.9	27	0	144
UPPER EGYPT: FAIYÛM	00	8	30	1	0	0	—	5.9	34.3	26	0	153
MINYA	00	9	32	4	0	0	—	5.8	37.7	18	0	154
ASYÛT												155
NAG' HAMÂDI	00	8	24	1	0	0	—	5.9	36.4	24	0	164
QENA	00	8	22	3	0	0	—	3.9	40.3	14	0	156
LUXOR	00	9	06	2	0	0	—	4.4	39.0	17	0	157
ASWÂN	--											158
WESTERN DESERT: SÎWA	00	8	28	4	0	0	—	10.2	35.7	49	0	148
BAHARÎYA	00	8	24	2	0	0	—	6.8	37.0	18	0	149
KHÂRGA	00	9	30	1	0	0	—		35.8	16	0	151
DAKHLA	00	9	28	2	0	0	—	5.5	38.9	13	0	152
RED SEA: TÔR	00	7	28	5	0	0	—	5.1	32.2	50	0	145
HURGHÂDA	00	7	02	4	0	0	—	4.6	34.2	39	0	146
QUSEIR	00	8	02	2	0	0	—	4.6	31.9	53	0	147
PORT SÛDÂN	18	9	12	4	0	0	—	2	39	44		208
NORTH SÛDÂN: WÂDI HALFA												165
KAREIMA	02	9	24	2	1	8	2	7?	38	25		166
'ATBARA	00	9	22	3	0	0	—	4	36	33		167
KHARTÛM	00	8	18	4	2	2	2.1	8	32	62		209
KASSALA	02	8	20	2	1	7	6.5	9	31	62		170
CENTRAL SÛDÂN: WAD MEDANI	01	8	18	4	1	4	3	8	29	59		171
RENK												182
ROSEIRES												172
EL OBEID	02	9	18	2	1	8	4.4	8	28	66		174
EL FÂSHER	61	8	00	0	6	8	6	—	23	84		175
GENEINA								—				179
KADUGLI	02	8	20	2	1	5	4	9	30	49		187
S. SÛDÂN: MALAKÂL												176
WÂU	02	8	12	1	1	5	8.4	7	33	44		177
JUBA												173

At 20h. on 8th. — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN: SALÛM											
MATRÛH	01	8	26	3	1	3	8	8.2	26.8	90	0
MARIUT	00	7	30	2	0	0	—	7	25	84	0
ALEXANDRIA	00	5	06	2	0	0	—	7.4	26.4	81	0
DAMIETTA	00	7	28	1	0	0	—	7.1	26.1	72	0
PORT SA'ÎD	00	8	30	2	0	0	—	7.6	26.7	71	0
EL 'ARÎSH	00	9	00	0	0	0	—	8.2	26.7	51	0
LOWER EGYPT: DAMANHÛR	00	7	28	2	0	0	—	7.8	26.0	78	0
MANSÛRA	00	6	02	2	0	0	—	7.4	26.8	57	0
TANTA	00	8	00	0	0	0	—	7.9	28.0	61	0
ZAGAZIG	00	6	24	2	0	0	—	8.4	28.4	57	0
SHEBÎN EL KÔM	00	7	22	2	0	0	—	7.8	27.8	53	0
MIDDLE EGYPT, CAIRO: ALMÂZA	00	7	02	1	0	0	—	6.4	31.7	30	0
EZBEKÎYA	00	8	00	0	0	0	—	7.5	28.9	46	0
GÎZA	00	8	00	0	0	0	—	7.6	28.7	50	0
HELWÂN	00	7	32	1	0	0	—	6.8	31.0	29	0
SUEZ	00	9	02	1	0	0	—		31.2	38	0
UPPER EGYPT: FAIYÛM	00	8	00	0	0	0	—	6.3	28.0	58	0
MINYA	00	8	02	1	0	0	—	6.6	30.3	37	0
ASYÛT	00	6	32	1	0	0	—	7.2	30.0	36	0
NAG' HAMÂDI	00	8	00	0	0	0	—	6.8	28.0	42	0
QENA	00	8	24	2	0	0	—	5.0	30.6	34	0
LUXOR	00	8	30	3	0	0	—	4.8	33.5	27	0
ASWÂN	00	9	32	2	0	0	—	5.1	37.5	15	0
WESTERN DESERT: SÎWA	—		00	0	0	0	—	8.8	31.4	53	0
BAHARÎYA	00	7	32	1	0	0	—	6.8	31.9	19	0
KHÂRGA	00	9	00	0	0	0	—		34.8	12	0
DAKHLA	00	8	28	2	0	0	—	6.2	33.6	23	0
RED SEA: TÔR	00	7	28	3	0	0	—	6.2	29.8	63	0
HURGHÂDA	00	8	26	2	0	0	—	5.4	30.3	48	0
QUSEIR	00	8	04	1	0	0	—	5.4	29.9	41	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 8th. — الرياح العليا يوم ٨

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
								13h.	13h.	18h. 15m.	13h. 15m.		
								03 29 15	06 30 25	06 21 25	06 20 10		
								06 38 10	09 21 30	09 21 25	09 22 10		
								09 20 15	15 20 30	15 22 20	12 21 15		
								15 07 15	21 05 05	21 24 10	15 21 15		
								21 13 15	24 02 10	24 35 10	18 20 20		
								24 15 15	30 06 25				
									36 11 20				
									39 11 30				

Remarks

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

STATION	Mean of day HUMIDITY % on 8th.	Diff from normal	WET BULB TEMP °C on 8th.	Diff from normal
Alexandria	73	-1	23.9	+0.6
Ezbekiya	52	-9	21.6	-1.2
Gîza	55	-7	21.7	-0.7
Helwân	47	-3	19.9	-0.8

GÎZA — GRASS MINIMUM TEMP. ON 9th. 14.3 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.80	+0.08
Nâsser				9.83	+0.18
Malakâl		11.65	-0.03	11.65	-0.02
J. Aulia Res.					
J. Aulia D.S					
Roseires	9th.	18.98	+0.03	19.10	+0.18
Sennar Res.					
Khartûm	9			14.48	-0.44
Kh. el Girba					
'Atbara				13.35	-0.81
Kajnarti				136.52	-2.50
Aswân Res.		90.65	—	90.27	—
Aswân D.S		87.88	-2.42	87.63	-2.29
Roda (Cairo)		16.63	+0.09	16.63	+0.16

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	9th.	2622	8259
	8th.	2622	7471

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

At 8h. on SATURDAY 9th. — الساعة ٨ يوم السبت ٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff. from norm °C	MINIMUM Today °C mm	Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN: SALÛM											—		—					99
MATRÛH	01	9	28	4	1	4	8	9.2	-1.1	26.7	29	+1	22	0	85	0	55	161
MARIUT	01	7	24	2	0	3	6	8		27	31	—	21	—	79	0	139	138
ALEXANDRIA	02	9	24	3	1	5	8	8.7	-1.2	26.2	31	+1	24	0	73	0	106	126
DAMIETTA	00	8	18	2	0	0	—	8.0	-0.8	26.1	32	—	20	—	79	0	32	106
PORT SA'ÎD	00	8	22	3	0	0	—	8.3	+0.1	27.0	32	0	23	-1	54	0	27	81
EL 'ARÎSH	00	9	24	1	0	0	—	8.4	-0.4	28.4	31	0	20	-1	64	0	47	94
LOWER EGYPT: DAMANHÛR	00	7	28	2	0	0	—	8.0	-1.4	27.0	34	+1	21	+1	76	0	84	101
MANSÛRA	01	8	30	1	1	4	6	8.7	-0.3	26.8	36	+1	20	-1	75	0	15	55
TANTA	00	8	00	0	0	0	—	9.2	-0.5	25.0	36	+1	17	-3	76	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	8.8	-0.9	29.4	35	0	20	0	67	0	24	37
SHEBÎN EL KÔM	00	8	22	2	0	0	—	9.4	-0.1	28.1	36	—	20	—	61	0	9	
MIDDLE EGYPT, CAIRO: ALMAZA	00	7	00	0	0	0	—	8.3	-1.0	26.1	35	—	21	—	67	0	14	—
EZBEKÎYA	05	6	00	0	0	0	—	9.1	-0.2	26.5	35	0	22	0	71	0	13	26
GÎZA	05	6	00	0	0	0	—	9.1	-0.1	28.2	35	0	20	0	65	0	20	27
HELWÂN	00	6	00	0	0	0	—	9.0	-0.2	26.0	35	0	21	0	55	0	5	29
SUEZ	00	9	00	0	0	0	—			28.3	37	+1	23	0	59	0	4	17
UPPER EGYPT: FAIYÛM	00	8	02	1	0	0	—	8.7	-0.8	29.4	37	+1	22	+1	49	0	8	8
MINYA	00	9	02	1	0	0	—	8.7	-0.3	28.8	39	+3	21	0	45	0	dt.	—
ASYÛT	00	7	00	0	0	0	—	9.4	+0.9	28.7	37	0	21	-2	36	0	0	4
NAG' HAMÂDI	00	8	24	1	0	0	—	9.0	+1.8	29.7	37	—	18	—	46	0	0	—
QENA	00	7	24	2	0	0	—	7.8	+0.7	34.4	41	+1	21	-3	22	0	dt.	—
LUXOR	00	9	24	1	0	0	—	8.2	+1.4	32.5	40	-1	20	-3	27	0	dt.	—
ASWÂN	00	9	00	0	0	0	—	8.6	+1.5	32.0	41	0	25	-1	28	0	dt.	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	9.8	-2.0	29.0	38	0	22	+2	71	0	2	8
BAHARÎYA	00	8	00	0	0	0	—	8.2	-2.1	30.5	38	+1	20	0	43	0	dt.	7
KHÂRGA	00	9	00	0	0	0	—			30.7	40	+1	21	-2	31	0	dt.	—
DÂKHLA	00	8	28	1	0	0	—	9.4	+0.5	31.2	40	+1	21	-2	32	0	dt.	—
RED SEA: TÔR	00	7	28	2	0	0	—	6.6	+0.4	28.8	33	-1	24	-1	63	0	2	13
HURGHÂDA	00	8	28	3	0	0	—	6.8	+0.2	31.4	35	0	23	-2	43	0	dt.	3
QUSEIR	00	8	28	1	0	0	—	6.8	+0.5	33.9	33	-1	27	0	39	0	dt.	4
PORT SÛDÂN	01	7	20	2	8	4	4.5	6		37			31		35	dt.	156	102
NORTH SÛDÂN: WÂDI HALFA																0	dt.	—
KAREIMA	02	8	24	3	1	8	2	10		32			29		43	0	7	14
'ATBARA																0	55	35
KHARTÛM	00	8	18	4	1	1		11		27			24		79	0	47	88
KASSALA	01	8	18	3	0	4		12		25			23		79	0	92	179
CENTRAL SÛDÂN: WAD MEDANI																0	180	237
RENK											—		—	—		—	—	329
ROSEIRES																23	578	488
EL OBEID	29	6	16	4	6	8	4.4	13	—	23			22		94	dt.	275	202
EL FÂSHER	02	8	00	0	1	6	4	—	—	23			21			19	101	176
GENEINA	02	8	00	0	1	6	4	—	—	21	—		20	—	94	—	—	317
KADUGLI	01	8	28	4	1	4	4	14		22	—			—	78	—	—	503
S. SÛDÂN: MALAKÂL																0	541	559
WÂU																18	872	785
JUBA																0	891	763

UPPER WINDS ON 9th. — الرياح العليا يوم ٩

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. 15m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA h. m.	KHARTÛM h. m.
			02 31 10		02 29 10		02 36 10		06 00 00		
			05 28 10		05 32 20		05 36 25		09 00 00		
			10 25 25		10 30 25		10 36 20		15 01 40		
			15 29 20				15 33 05		21 01 20		
			20 30 30				20 31 65		30 36 15		
			25 31 30				25 03 15		33 36 15		
			30 31 35				30 31 55		39 35 15		
			35 31 45				35 30 50		45 35 15		
							40 31 65				

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. 15m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL 7h. m.
09 21 35	09 28 20	09 20 15	09 28 20	09 24 10	09 32 15
15 25 20	15 32 20	15 25 05	12 30 20	15 03 10	15 24 20
21 31 10	21 36 30	21 26 10	15 06 10	21 04 15	21 25 05
24 01 20	24 35 25		24 04 05		24 22 05

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			

CYPRUS SYNOPTIC 8h. ON 9th.

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

Time of Sunrise 05 19 a.m.
Sunset 18 42 p.m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month August 1947 — شهر أغسطس ١٩٤٧

1417 F.C.

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 hr. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	30	3	0	0	—	9.6	28.7	74	0
MARIUT	01	7	26	3	0	3	6	9	30	66	0
ALEXANDRIA	01	9	26	5	2	4	8	9.2	30.6	70	0
DAMIETTA	00	8	22	3	1	2	8	8.0	30.0	63	0
PORT SA'ÎD	00	8	02	2	0	0	—	8.2	32.5	41	0
EL 'ARÎSH	00	9	28	3	0	0	—	7.9	30.2	59	0
LOWER EGYPT											
DAMANHÛR	00	7	28	3	0	0	—	8.0	32.4	46	0
MANŞÛRA	00	8	32	1	1	0	—	8.4	34.0	37	0
ṬANṬA	00	8	00	0	0	0	—	8.0	35.0	37	0
ZAGAZIG	00	6	32	2	0	0	—	8.0	33.6	48	0
SHEBÎN EL KÔM	00	8	22	3	0	0	—	8.6	36.7	22	0
MIDDLE EGYPT											
CAIRO ALMÁZA	00	8	24	2	0	0	—	8.1	35.0	41	0
CAIRO EZBEKÎYA	00	8	28	1	0	0	—	8.7	34.5	28	0
CAIRO GÎZA	00	8	28	1	0	0	—	8.2	35.8	22	0
ḤELWÂN	00	8	28	3	0	0	—	7.9	34.7	14	0
SUEZ	00	9	30	1	0	0	—		36.8	35	0
UPPER EGYPT											
FAIYÛM	00	8	30	1	0	0	—	7.6	36.0	55	0
MINYA	00	9	30	4	0	0	—	7.6	38.3	16	0
ASYÛṬ	00	8	26	1	0	0	—	7.9	37.2	18	0
NAG' ḤAMÂDI	00	8	32	1	0	0	—	7.5	37.8	24	0
QENA	00	8	26	2	0	0	—	6.9	40.4	14	0
LUXOR	00	9	22	3	0	0	—	6.0	40.0	12	0
ASWÂN	00	9	22	1	0	0	—	6.8	39.0	21	0
WESTERN DESERT											
SÎWA	00	8	28	3	0	0	—	9.5	39.0	21	0
BAHARÎYA	00	8	28	1	0	0	—	7.1	38.0	18	0
KHÂRGA	00	9	30	2	0	0	—	—	38.4	14	0
DAKHLA	00	9	28	2	0	0	—	8.6	38.0	15	0
RED SEA											
ṬÔR	00	7	28	4	0	0	—	7.0	34.0	47	0
HURGHÂDA	00	8	02	4	0	0	—	6.8	34.6	42	0
QUSEIR	00	8	02	1	0	0	—	6.8	32.0	59	0
PORT SÛDÂN	01	8	06	4	1	4	4	7	36	53	0
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA	02	8	18	2	1	8	2	7	39	23	
'AṬBARA	01	8	20	3	1	5	4	5	38	29	
KHARTÛM	05	6	14	5	0	3	6	9	33	41	
KASSALA	00	8	22	2	1	3	2,1	8	33	50	
CENTRAL SÛDÂN											
WAD MEDANI	01	8	20	4	0	4	8	9	31	55	
RENK	01	9	20	2	1	4	1	12	27	79	
ROSEIRES											
EL OBEID											
EL FÂSHER								—			—
GENEINA								—			—
KADUGLI	02	8	04	2	3	8	4	12	24	74	
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 20h. on 9th — الساعة ٢٠ يوم ٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 hr. mms	STATION NUMBER
SALÛM												130
MATRÛH												131
MARIUT	01	7	30	2	0	2	6	9	26	84	0	150
ALEXANDRIA	02	5	32	4	2	5	8	9.9	27.0	77	0	132
DAMIETTA	00	7	28	1	1	2	8	8.4	26.0	83	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	8.8	29.8	79	0	134
EL 'ARÎSH	00	9	28	1	0	0	—	8.2	28.2	69	0	135
DAMANHÛR	01	7	28	3	1	3	8	8.8	25.2	72	0	136
MANŞÛRA	00	6	32	2	0	0	—	9.4	26.8	78	0	137
ṬANṬA	00	8	00	0	0	0	—	9.6	26.5	77	0	138
ZAGAZIG	00	6	32	2	0	0	—	9.1	28.6	68	0	139
SHEBÎN EL KÔM	00	7	22	2	0	0	—	9.2	28.3	65	0	—
CAIRO ALMÁZA	00	7	30	2	0	0	—	8.7	31.2	51	0	141
CAIRO EZBEKÎYA	00	7	00	0	0	0	—	9.4	30.3	49	0	—
CAIRO GÎZA	00	7	00	0	0	0	—	9.1	29.9	55	0	—
ḤELWÂN	00	7	30	2	0	0	—	8.2	32.0	33	0	143
SUEZ	00	9	02	1	0	0	—	6.8	30.8	48	0	144
FAIYÛM	00	8	32	1	0	0	—	8.0	31.4	37	0	153
MINYA	00	8	32	1	0	0	—	8.0	33.2	29	0	154
ASYÛṬ												155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	7.5	33.6	34	0	164
QENA	00	6	24	2	0	0	—	6.4	34.3	17	0	156
LUXOR	00	8	18	3	0	0	—	6.3	34.8	20	0	157
ASWÂN	00	9	32	3	0	0	—	7.0	36.0	20	0	158
SÎWA	00		00	0	0	0	—	10.0	31.2	40	0	148
BAHARÎYA	00	7	32	1	0	0	—	7.6	33.7	23	0	149
KHÂRGA	00	9	00	0	0	0	—	—	33.3	22	0	151
DAKHLA	00	8	28	1	0	0	—	7.9	33.8	20	0	152
ṬÔR	00	7	32	3	0	0	—	6.2	34.5	43	0	145
HURGHÂDA	00	8	26	2	0	0	—	6.6	31.7	34	0	146
QUSEIR	00	8	04	1	0	0	—	6.6	29.4	62	0	147
PORT SÛDÂN												208
WÂDI ḤALFA												165
KAREIMA												166
'AṬBARA												167
KHARTÛM												209
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
MALAKÂL												176
WÂU												177
JUBA												173

UPPER WINDS ON 9th — الرياح العليا يوم ٩

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÁZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI ḤALFA h. m.	KAREIMA 12h30 m.	KHARTÛM 18 h. m.	KASSALA 18h45 m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
								02 18 05	06 21 30	06 23 20			
								06 22 05	09 22 30	09 22 25			
								09 28 10	15 26 25	15 21 30			
								15 36 05		21 21 35			
								21 07 10		24 21 35			
								24 06 20		30 21 35			
								30 05 10		33 21 30			
								33 11 15		39 25 15			
								39 04 15		45 22 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 9th	Diff from normal	WET BULB TEMP °C on 9th	Diff from normal
Alexandria	73	-1	24.0	+0.7
Ezbekîya	55	-6	22.3	-0.5
Gîza	55	-7	22.6	+0.2
Ḥelwân	41	-10	19.8	-0.9

GÎZA — GRASS MINIMUM TEMP. ON 10th 17.0 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.82	+0.10
Nâsser	Ga			9.84	+0.17
Malakâl		11.66	-0.03	11.65	-0.03
J. Aulia Res.				376.[illegible]	—
J. Aulia D.S				373.84	-0.83
Roseires		19.70	+0.70	18.98	+0.03
Sennar Res.				17.22	—
Kharṭûm				14.44	-0.56
Kh. el Girba				13.40	-0.48
'Atbara				13.61	-0.63
Kajnarti	10			136.98	-2.24
Aswân Res.		98.50	—	98.65	—
Aswân D.S		87.68	-2.62	87.68	-2.42
Roda (Cairo)				16.68	+0.09

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	10-8	2680	9029
	9-8	2622	8259

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

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm. From Oct 1 mms.
MEDITERRANEAN																		
SALÛM											—			—				99
MATRÛH																	55	161
MARIUT	01	7	28	2	1	4	6	10		27	31	—	20	—	70	0	139	138
ALEXANDRIA	01	9	30	4	2	4	4	9.9	0.0	26.8	31	+1	24	0	69	0	106	186
DAMIETTA	00	8	20	2	1	2	8	9.0	+0.2	27.0	32	—	20	—	76	0	32	106
PORT SA'ÎD	01	8	30	1	1	4	6	9.4	+1.1	27.2	33	+1	24	0	68	0	27	81
EL 'ARÎSH	00	9	16	1	0	0	—	9.4	+0.5	29.9	31	0	19	-2	58	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	7	24	3	1	4	8	10.0	+0.6	26.8	34	+1	21	+1	75	0	84	101
MANŞÛRA	00	8	32	1	0	0	—	9.8	+0.7	27.0	36	+1	20	-1	76	0	15	55
ṬANṬA	00	8	00	0	0	0	—	10.3	+0.6	25.0	36	+1	19	-1	84	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	10.2	+0.5	27.8	35	0	21	+1	73	0	34	27
SHEBÎN EL KÔM	01	8	28	2	1	4	8	10.7	+1.2	28.3	37	—	21	—	66	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	7	00	0	0	5	6	9.9	0.0	27	36	—	23	—	50	0	14	—
CAIRO EZBEKÎYA	01	7	00	0	0	3	8	10.4	+1.0	28.2	36	+1	23	+1	70	0	13	26
CAIRO GÎZA	01	7	00	0	0	3	8	11.1	+1.3	26.9	37	+2	21	+1	69	0	20	27
ḤELWÂN	07	6	00	0	0	0	—	10.0	+0.7	25.0	36	+1	22	+1	76	0	5	29
SUEZ	00	9	02	1	0	0	—	8.0	-0.5	29.5	39	+3	23	0	57	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	9.6	0.0	27.9	37	+1	22	+1	70	0	8	8
MINYA	00	9	24	2	0	0	—	9.4	+0.4	30.0	39	+3	21	0	52	0	tr	—
ASYÛṬ	00	7	00	0	0	0	—	10.0	+1.5	31.1	38	+1	23	0	43	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.6	+2.3	28.2	38	—	21	—	45	0	0	—
QENA	00	7	24	2	0	0	—	8.6	+1.5	32.6	42	+2	24	0	28	0	tr	—
LUXOR	00	7	16	2	0	0	—	9.9	+3.1	30.0	41	0	22	+1	36	0	tr	—
ASWÂN	00	9	00	0	0	0	—	9.0	+1.9	33.4	42	+1	26	0	28	0	tr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	10.7	-1.1	28.0	40	+2	19	-1	77	0	2	8
BAHARÎYA	00	8	00	0	0	0	—	10.2	-0.1	28.5	39	+2	20	0	45	0	tr	7
KHÂRGA	00	9	00	0	0	0	—	—	—	30.4	40	+1	22	-1	31	0	tr	—
DAKHLA	00	8	28	1	0	0	—	10.4	+1.4	29.8	40	+1	22	-1	31	0	tr	—
RED SEA																		
ṬÔR	00	7	28	5	0	0	—	7.1	+0.8	28.9	36	+2	22	-3	79	0	2	13
HURGHÂDA	00	7	28	3	0	0	—	7.5	+0.9	32.4	36	+1	23	-2	44	0	tr	3
QUSEIR	00	8	28	1	0	0	—	7.5	+1.2	34.0	34	0	28	+1	48	0	tr	4
PORT SÛDÂN	00	8	00	0	1	0	—	6		36					25	0	156	103
NORTH SÛDÂN																		
WÂDI ḤALFA																0	tr	—
KAREIMA	01	8	02	4	1	4	4	9		33					36	0	7	15
'AṬBARA	01	7	22	4	1	4	4,1	9		32					43	0	25	37
KHARTÛM	01	8	00	0	1	4	4	10		39					66	0	47	92
KASSALA	01	8	20	1	1	4	4	11		36					74	0	92	123
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	28	4	1	4	3	12		36					79	0	180	242
RENK											—			—		—	—	323
ROSEIRES	01	8	20	1	1	2	5	9		33					84	0	578	495
EL OBEID	01	9	16	1	1	4	5	11		37					70	0	275	206
EL FÂSHER	01	8	12	1	1	5	4	—	—	35					79	0	101	181
GENEINA	02	8	00	0	1	8	6,4	—	—	22	—			—	94	—	—	325
KADUGLI	02	8	04	3	2	5	1	12		23	—			—	89	—	—	508
S. SÛDÂN																		
MALAKÂL																0	541	565
WÂU																0	872	792
JUBA																0	891	767

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9 h. m.	MINYA h. m.	ASYÛṬ 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI ḤALFA h. m.	ABU ḤAMAD h. m.	KAREIMA h. m.	KHARTÛM 6 h30 m.
			02 29 10		02 10 05		02 26 15				09 21 30
			05 21 10		05 28 25		05 01 25				15 27 10
			08 25 20		10 30 30		10 35 35				21 02 25
			10 33 25		15 32 25		15 38 35				27 05 40
			15 32 30		20 32 45		20 34 35				
			20 32 35				25 33 35				
			23 32 35				30 33 25				
			25 32 40				35 34 45				
			30 32 55								

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h45 m.	EL FÂSHER h. m.	GENEINA 7 h45 m.	MALAKAL h. m.
09 17 20	09 17 25	09 23 20		09 18 05	
15 21 15	15 16 20	15 14 10		15 18 05	
21 27 45	21 09 20	21 07 20		21 12 15	
				24 11 20	

CYPRUS SYNOPTIC 8h. ON 10th

UPPER AIR TEMP. ALMÁZA — AT G.M.T ON

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

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 or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick ,, ,, ,, ,, ... 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
,, of Snow 83, 84
,, of Sleet 85, 86
,, of Hail 88, 89
Thunderstorm 90-99
,, ended, now Rain 91
,, with Hail 94-96
,, with Duststorm 98
,, heavy, with Hail 99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 15 49
Sunset 18 41

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month August 1947 — 1947 شهر أغسطس

1417 F.O.

At 14h. on Sunday 10th — الساعة ١٤ يوم الأحد ١٠ / ٨

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	26	3	0	0	—	10.8	29.0	69	0	131
MARIUT	00	7	26	3	0	0	—	10	29	66	0	150
ALEXANDRIA	00	9	28	5	0	0	—	10.0	29.0	64	0	132
DAMIETTA	00	8	28	3	1	0	—	8.6	29.1	69	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	9.1	31.8	60	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	8.7	29.6	72	0	135
LOWER EGYPT												
DAMANHÛR	00	7		4	1	0	—	10.4	31.8	57	0	136
MANSÛRA	00	8	28	1	0	0	—	8.8	34.0	45	0	137
TANTA	00	8	00	0	0	0	—	8.8	35.0	42	0	138
ZAGAZIG	00	6	24	2	0	0	—	9.1	35.8	52	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	—	9.4	35.4	66	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	26	1	0	0	—	8.7	34.3	37	0	141
CAIRO EZBEKÎYA	00	7	28	1	0	0	—	8.7	33.8	40	0	—
CAIRO GÎZA	00	8	28	1	0	0	—	8.6	34.6	39	0	—
HELWÂN	00	8	28	4	0	0	—	8.0	33.8	29	0	143
SUEZ	00	9	32	1	0	0	—		35.4	28	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	1	0	0	—	8.0	36.0	32	0	153
MINYA	00	9	32	3	0	0	—	7.0	37.1	23	0	154
ASYÛT	00	8	32	1	0	0	—	8.0	37.1	18	0	155
NAG' HAMÂDI	00	8	26	1	0	0	—	7.1	37.6	22	0	164
QENA	00	8	22	3	0	0	—	5.8	41.0	13	0	156
LUXOR	00	9	26	4	0	0	—	6.3	40.0	15	0	157
ASWÂN	00	9	30	1	0	0	—	5.4	40.0	22	0	158
WESTERN DESERT												
SÎWA	00	7	20	4	0	0	—	10.4	38.4	36	0	148
BAHARÎYA	00	8	32	1	0	0	—	7.8	38.0	19	0	149
KHÂRGA	00	9	32	2	0	0	—	—	39.3	14	0	151
DAKHLA	00	9	28	3	0	0	—	7.5	39.4	08	0	152
RED SEA												
TÔR	00	7	28	5	0	0	—	7.0	33.5	52	0	145
HURGHÂDA	00	8	02	4	0	0	—	6.8	35.4	42	0	146
QUSEIR	00	8	02	2	0	0	—	6.4	33.0	41	0	147
PORT SÛDÂN	00	8	06	3	0	0	—	4	35	56		208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA	02	8	18	1	1	8	8	6	41	18		166
'ATBARA	01	7	04	1	0	5	1	4	41	17		167
KHARTÛM	00	8	20	3	0	2	8	7	36	37		209
KASSALA	00	8	22	2	0	3	8,4	6	35	37		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	20	4	1	4	4	6	35	39		171
RENK												182
ROSEIRES												172
EL OBEID	01	9	22	3	1	5	8,4	8	32	43		174
EL FÂSHER	01	8	14	3	1	4	9	—	33	41		175
GENEINA	08	8	16	2	6	5	8,5	—	33	47		179
KADUGLI	01	8	30	2	1	4	4	9	31	49		187
S. SÛDÂN												
MALAKÂL	01	8	20	1	1	4	9	10	31	58		176
WÂU												177
JUBA	02	8	16	1	1	6	8,4	9	33	50		173

At 20h. on 10th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	30	2	0	3	8	10.4	26.8	81	0
MARIUT	00	7	29	2	0	1	6	9	26	79	0
ALEXANDRIA	01	5	28	4	1	4	8	10.0	26.0	78	0
DAMIETTA	00	7	28	2	1	2	8	8.6	26.0	84	0
PORT SA'ÎD	00	8	32	2	0	0	—	9.1	26.6	79	0
EL 'ARÎSH	00	9	00	0	0	0	—	8.4	27.8	72	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	0	0	—	9.5	26.2	75	0
MANSÛRA	00	6	28	2	0	0	—	9.5	26.8	69	0
TANTA	00	8	00	0	0	0	—	9.6	27.0	80	0
ZAGAZIG	00	6	24	2	0	0	—	9.2	30.2	66	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	8.8	27.3	62	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	30	1	0	0	—	8.4	30.4	53	0
CAIRO EZBEKÎYA	00	7	00	0	0	0	—	9.6	28.7	57	0
CAIRO GÎZA	00	8	00	0	0	0	—	9.4	28.3	61	0
HELWÂN	00	7	30	2	0	0	—	8.6	31.1	37	0
SUEZ	00	9	02	1	0	0	—		29.2	62	0
UPPER EGYPT											
FAIYÛM	00	8	02	1	0	0	—	8.6	30.7	40	0
MINYA	00	8	30	2	0	0	—	7.8	34.2	29	0
ASYÛT	00	6	26	1	0	0	—	8.0	31.1	32	0
NAG' HAMÂDI	00	8	00	0	0	0	—	7.1	30.7	53	0
QENA	00	6	24	2	0	0	—	6.9	35.6	23	0
LUXOR	00	8	20	3	0	0	—	6.7	34.6	24	0
ASWÂN	00	9	00	0	0	0	—	5.9	37.6	20	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	10.0	32.5	49	0
BAHARÎYA	00	7	00	0	0	0	—	7.8	31.7	30	0
KHÂRGA	00	9	00	0	0	0	—	—	37.0	18	0
DAKHLA	00	8	28	1	0	0	—	6.0	33.9	19	0
RED SEA											
TÔR	00	7	28	3	0	0	—	5.1		44	0
HURGHÂDA	00	8	26	3	0	0	—	5.4	30.8	36	0
QUSEIR	00	8	28	1	0	0	—	6.0	31.3	26	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

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

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM 13h. m.	KASSALA h. m.	EL OBEID 13h. 30m.	MALAKAL 13h. m.	JUBA h. m.
									06 23 15		09 26 10	06 18 10	
									09 23 15		15 15 10	09 22 10	
									15 23 15		21 11 15	15 23 10	
									21 01 15		30 09 40	21 24 15	
									30 07 20				

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	11-8	3178	9628
	10-8	2680	9829

STATION	Mean of day: HUMIDITY % on 10th	Diff from normal	WET BULB TEMP °C on 10th	Diff from normal
Alexandria	72	-2	23.3	0.0
Ezbekîya	59	-2	22.9	+0.1
Gîza	60	-2	22.6	+0.2
Helwân	53	+2	21.5	+0.8
GÎZA	GRASS MINIMUM TEMP. ON 11th 16.9 °C			
CAIRO	WATER TEMP. RIVER NILE AT 8h. ON ... °C			

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day: Reading m.	Diff. from normal m.
Jûba					
Nasser				9.87	+0.19
Malakâl	00	11.67	-0.04	11.66	-0.03
J. Aulia Res.				276.35	—
J. Aulia D.S				373.76	-0.96
Roseires		19.22	+0.15	19.70	+0.70
Sennar Res.					
Khartûm				14.34	-0.73
Kh. el Girba					
'Atbara		13.82	-0.61	14.02	-0.35
Kajnarti				127.39	-2.07
Aswân Res.		98.50	—	98.50	—
Aswân D.S		88.23	-2.22	87.68	-2.68
Roda (Cairo)				16.63	+0.12

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

At 8h. on Monday 11th — الساعة ٨ يوم الاثنين ١١

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff. from norm °C	MINIMUM Today °C mm	Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM											—		—					99
MATRÛH	00	9	28	4	0	0	—	11.2	+0.7	26.1	29	+1	22	0	89	0	55	161
MARIUT	02	8	29	3	0	5	6	9		27	29	—	25	—	79	0	139	138
ALEXANDRIA	02	9	32	4	2	5	5	9.8	-0.2	27.0	30	0	25	+1	74	0	106	186
DAMIETTA	00	8	18	2	1	2	8	8.8	-0.1	26.9	31	—	19	—	77	0	32	106
PORT SA'ÎD	02	8	18	2	2	5	6	9.0	+0.7	26.9	33	+1	24	0	72	0	27	81
EL 'ARÎSH	00	9	16	1	0	0	—	9.0	+0.1	29.9	31	0	21	0	65	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	24	3	0	3	8	9.5	0.0	27.4	33	0	21	+1	75	0	84	101
MANSÛRA	00	8	30	1	0	0	—	9.2	0.0	27.0	35	0	21	0	69	0	15	55
TANTA	00	8	00	0	0	0	—	9.2	-0.6	26.0	36	+1	19	-1	67	0	8	44
ZAGAZIG	02	6	24	2	2	5	8	9.0	-0.8	30.2	35	0	21	+1	59	0	24	27
SHEBÎN EL KÔM	01	8	22	2	1	3	8	8.7	-0.9	27.8	37	—	21	—	70	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	8	30	1	1	4	6	9.4	0.0	25.1	36	—	22	—	74	0	14	—
CAIRO EZBEKÎYA	00	6	26	2	0	3	6	9.5	+0.1	26.7	36	+1	23	+1	65	0	13	26
CAIRO GÎZA	01	7	30	1	1	3	8	9.9	+0.6	26.1	35	0	21	+1	66	0	20	27
HELWÂN	00	7	32	2	0	1	6	9.6	+0.3	24.3	36	+1	22	+1	69	0	5	29
SUEZ	00	9	02	1	0	0	—			29.6	37	+1	24	+1	54	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	1	2	8	9.4	-0.3	25.6	37	+1	22	+1	72	0	8	8
MINYA	00	9	02	3	0	0	—	8.0	-1.0	27.4	38	+2	24	+3	70	0	tr	—
ASYÛT	00	7	22	1	0	0	—	8.3	-0.3	28.7	39	+2	23	0	51	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.9	+0.5	30.0	38	—	22	—	45	0	0	—
QENA	00	7	26	2	0	0	—	6.0	-1.2	34.4	42	+2	25	+1	15	0	tr	—
LUXOR	00	9	20	2	0	0	—	6.8	-0.1	33.5	41	0	23	0	33	0	tr	—
ASWÂN	01	9	30	1	1	3	1	7.2	+0.1	31.8	41	0	27	+1	26	0	tr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.8	-0.1	25.3	39	+1	22	+2	90	0	2	8
BAHARÎYA	00	8	32	2	0	0	—	9.5	-0.9	25.5	39	+3	22	+2	65	0	tr	7
KHÂRGA	00	9	00	0	0	0	—	—	—	29.8	41	+2	24	+1	31	0	tr	—
DAKHLA	00	8	00	0	0	0	—	8.7	-0.4	30.1	40	+1	27	+4	28	0	tr	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	5.4	-0.9	29.9	35	+1	27	+2	71	0	2	13
HURGHÂDA	00	8	28	4	0	0	—	5.6	-1.0	30.2	36	+1	26	+1	62	0	tr	3
QUSEIR	00	8	32	2	0	2	1	6.0	-0.4	31.7	34	0	27	0	26	0	tr	4
PORT SÛDÂN	00	9	14	1	1	1	4	4		37					33	0	156	103
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	1	0	0	—	7		29					35	0	tr	—
KAREIMA	00	8	04	1	0	0	—	7		33					21	0	7	15
'ATBARA	00	7	24	1	0	1	4	5		31					43	0	55	33
KHARTÛM	01	9	16	3	0	3	4	8		34					44	0	47	94
KASSALA	01	8	18	2	1	4	1	10		27					58	0	92	187
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	18	5	1	5	3	11		26					42	0	180	247
RENK	22	5	20	4	4	8	8	12		19	—		—		100	Rain	—	338
ROSEIRES	02	7	20	1	1	6	6	9		22					94	0	578	502
EL OBEID	02	9	20	4	1	8	4,5	9		26					74	0	275	210
EL FÂSHER	02	8	28	3	1	7	6,4	—	—	25					65	0	161	185
GENEINA								—	—		—		—		—	—	—	333
KADUGLI	02	8	04	1	2	6	4	12		23	—		—		94	—	—	513
S. SÛDÂN																		
MALAKÂL																0	541	571
WÂU																0	872	799
JUBA																0	891	771

Upper Winds are in the Code HHDDVV where HH is Height 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 h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8 h. 45 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD 6 h. 30 m.	KAREIMA 7 h. 30 m.	KHARTÛM 7 h. m.
			05 36 15		02 32 10		02 01 30		06 01 35	03 07 05	06 20 25
			10 35 25		05 02 25		05 01 30		09 02 35	09 09 15	09 24 30
			15 34 30		10 35 45		10 36 40		15 01 40	15 10 20	15 28 30
			20 30 10		15 31 60		15 35 40		21 35 50	21 11 30	21 28 35
			30 31 20				20 32 65		30 30 20		
			35 29 15				25 33 65		45 29 30		
			40 30 10				30 34 45				
			50 35 25								
			60 25 20								

KASSALA 7 h. m.	PORT SÛDÂN 6 h. 30 m.	EL OBEID 7 h. 30 m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL h. m.
06 19 40	06 29 05	06 20 30	09 31 35		
09 19 35	09 01 05	09 25 35	15 31 40		
15 20 50	15 03 10	15 25 20	21 21 20		
21 23 30	21 01 10	21 27 10			

CYPRUS SYNOPTIC 8h ON 11th

30700 09990 18200 06291 90000 00210.
34800 88890 08100 06271 60200 00190.

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 6h 20m
Sunset 18 40

Month **AUGUST** 1947

DAILY WEATHER REPORT

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	HUMIDITY % uu	RAIN 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	30	3	0	1	8	10.8	29.0	74	0
MARIUT	00	7	30	3	0	0	—	9	30	62	0
ALEXANDRIA	00	9	32		0	0	—	9.4	29.7	60	0
DAMIETTA	00	8	30	3	1	0	—	7.4	29.1	68	0
PORT SA'ÎD	00	8	32	2	0	0	—	7.9	30.6	63	0
EL 'ARÎSH	00	9	30	3	0	0	—	7.9	29.3	71	0
LOWER EGYPT											
DAMANHÛR	00	7	24	3	0	0	—	9.1	31.6	52	0
MANŞÛRA	00	8	02	2	0	0	—	7.9	34.0	40	0
ṬANṬA	01	8	28	3	1	4	8	7.5	34.0	36	0
ZAGAZIG	00	6	32	2	0	0	—	7.9	32.8	49	0
SHEBÎN EL KÔM	00	8	28	3	1	2	8	8.2	34.8	39	0
MIDDLE EGYPT CAIRO ALMÂZA	00	8	30	2	0	0	—	7.4	33.4	47	0
CAIRO EZBEKÎYA	00	8	28	1	0	0	—	7.5	32.3	44	0
CAIRO GÎZA	00	8	28	1	0	0	—	8.3	33.6	40	0
HELWÂN	00	7	30	3	0	0	—	6.8	33.1	29	0
SUEZ	00	9	02	1	0	0	—		34.0	27	0
UPPER EGYPT											
FAIYÛM	00	8	30	1	0	0	—	7.0	33.6	34	0
MINYA	00	9	32	4	0	0	—	7.0	34.9	31	0
ASYÛṬ	00	8	22	1	0	0	—	6.8	36.1	29	0
NAG' ḤAMÂDI	00	8	24	1	0	0	—	5.6	37.2	24	0
QENA	00	8	24	2	0	0	—	4.1	40.3	16	0
LUXOR	00	9	26	3	0	0	—	3.4	40.0	18	0
ASWÂN	00	9	30	2	0	0	—	3.9	38.4	15	0
WESTERN DESERT											
SÎWA	00	8	28	2	0	0	—	11.0	35.0	51	0
BAHARÎYA	00	8	32	2	0	0	—	7.6	34.5	25	0
KHÂRGA	00	9	32	2	0	0	—		37.5	15	0
DAKHLA	00	9	28	2	0	0	—	6.7	38.8	14	0
RED SEA											
ṬÔR	00	7	28	4	0	0	—	4.8	32.4	65	0
HURGHÂDA	00	7	32	4	0	0	—	3.5	35.9	42	0
QUŞEIR	00	8	32	2	0	0	—	4.4	33.4	50	0
PORT SÛDÂN	00	8	26	3	0	0	—	2	35	56	
NORTH SÛDÂN											
WÂDI ḤALFA	00	8	32	3	0	3	2	3	42	07	
KAREIMA	01	8	00	0	1	4	2	4	42	14	
'AṬBARA	01	7	24	3	1	4	2	1	41	10	
KHARTÛM	01	8	26	3	1	5	8,4	3	38	37	
KASSALA	01	8	20	3	1	5	8	5	29	59	
CENTRAL SÛDÂN											
WAD MEDANI	02	9	18	4	1	5	8	5	34	41	
RENK											
ROSEIRES	00	8	12	1	1	0	—	7	29	70	
EL OBEID	14	9	18	5	1	8	6,2	7	29	59	
EL FÂSHER								—			
GENEINA								—			
KADUGLI	02	8	04	1	2	8	4	12	23	78	
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA	02	7	04	2	1	8	4,2	9	31	49	

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	HUMIDITY % uu	RAIN 14-20 mms	STATION NUMBER
SALÛM												130
MATRÛH	01	8	30	3	1	4	8	10.7	26.8	86	0	131
MARIUT	00	7	28	3	0	0	—	9	27	62	0	150
ALEXANDRIA	00	5	32		0	0	—	9.2	27.0	64	0	132
DAMIETTA	00	7	28	3	0	0	—	7.8	26.2	75	0	159
PORT SA'ÎD	00	8	28	2	0	0	—	8.0	27.0	76	0	134
EL 'ARÎSH	00	9	00	0	0	0	—	7.4	27.2	72	0	135
DAMANHÛR	00	7	24	3	0	0	—	9.2	26.0	78	0	136
MANŞÛRA	00	6	02	2	0	0	—	8.7	26.0	67	0	137
ṬANṬA	00	8	00	0	1	0	—	8.4	25.0	68	0	138
ZAGAZIG	00	6	32	2	0	0	—	8.7	28.2	67	0	139
SHEBÎN EL KÔM	00	7	28	2	0	0	—	9.1	26.2	77	0	—
ALMÂZA	00	7	32	2	0	0	—	8.3	28.[illegible]	50	0	141
EZBEKÎYA	00	8	28	1	0	0	—	9.4	29.2	51	0	—
GÎZA	00	7	00	0	0	0	—	9.8	26.8	58	0	—
HELWÂN	00	7	30	4	0	0	—	8.0	28.8	40	0	143
SUEZ	00	9	02	1	0	0	—		30.7	41	0	144
FAIYÛM	00	8	30	1	0	0	—	8.3	29.3	43	0	153
MINYA	00	8	32	2	0	0	—	6.3	31.7	32	0	154
ASYÛṬ												155
NAG' ḤAMÂDI	00	8	24	2	0	0	—	5.0	30.7	39	0	164
QENA	00	6	26	3	0	0	—	3.8	34.6	22	0	156
LUXOR	00	8	22	3	0	0	—	2.9	34.7	27	0	157
ASWÂN	00	9	32	1	0	0	—	4.4	36.0	17	0	158
SÎWA	00	—	00	0	0	0	—	10.2	33.2	48	0	148
BAHARÎYA	00	7	32	2	0	0	—	7.9	31.0	34	0	149
KHÂRGA	00	9	00	0	0	0	—	—	35.1	24	0	151
DAKHLA	00	8	28	1	0	0	—	5.6	33.6	20	0	152
ṬÔR	00	8	28	3	0	0	—	3.2	31.5	64	0	145
HURGHÂDA	00	8	28	4	0	0	—	2.8	31.1	53	0	146
QUŞEIR	00	8	28	1	0	0	—	3.4	31.0	31	0	147
PORT SÛDÂN												208
WÂDI ḤALFA												165
KAREIMA												166
'AṬBARA												167
KHARTÛM												209
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
MALAKÂL												176
WÂU												177
JUBA												173

UPPER WINDS ON 11 th. — الرياح العليا يوم ١١

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. 15 m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA h. m.	EL OBEID 13 h. 30 m.	MALAKAL h. m.	JUBA 13 h. 15 m.
							03 33 15	03 00 00	06 27 15		09 22 30		06 09 05
							06 32 20	06 00 00	09 28 15				09 03 05
							09 32 20	09 02 05	15 29 20				15 27 10
							15 31 25	15 01 10	21 30 20				21 27 15
							21 31 45	21 36 15	24 30 25				30 19 20
							30 30 40	30 32 25					
								39 33 30					
								45 35 40					

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	12 th.	3442	10093
	11 th.	3178	9678

STATION	Mean of day: HUMIDITY % on 11 th.	HUMIDITY Diff from normal	WET BULB TEMP °C on 11 th.	WET BULB TEMP Diff from normal
Alexandria	69	-7	23.3	0.0
Ezbekîya	53	-8	22.5	-0.3
Gîza	57	-5	22.2	-0.2
Helwân	61	+10	20.4	-0.3

GÎZA — GRASS MINIMUM TEMP ON 12 th. 15.1°C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Jûba	12 th.			13.73	0.00
Nasser				9.88	+0.19
Malakâl		11.71	-0.01	11.67	-0.04
J. Aulia Res.				376.46	—
J. Aulia D.S				373.87	-0.91
Roseires				19.22	+0.15
Sennar Res.				17.21	—
Khartûm				14.55	-0.57
Kh. el Girba					
'Atbara				13.82	-0.61
Kajnarti		138.79	-1.06	138.04	-1.59
Aswân Res.		98.50	—	98.50	—
Aswân D.S		88.50	-2.35	88.23	-2.32
Roda (Cairo)		16.72	-0.16	16.72	-0.01

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

At 8h. on **TUESDAY 12 th.** — الساعة ٨ يوم الثلاثاء ١٢ شهر أغسطس ١٩٤٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	CAR PRESSURE M.S.L. 1000+ mbs. ppp	CAR 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											—		—					99
MATRÛH	00	9	26	4	0	3	8	10.0	-0.6	27.1	29	+1	25	+3	83	0	55	161
MARIUT	01	7	30	2	1	4	6	8		28	30	—	24	—	62	0	139	138
ALEXANDRIA	01	9	30	4	1	3	4	8.2	-1.8	26.8	31	+1	25	+1	71	0	106	186
DAMIETTA	00	8	18	1	1	2	8	7.5	-1.4	27.0	30	—	20	—	75	0	32	106
PORT SA'ÎD	01	8	24	2	1	3	4	7.7	-0.7	26.7	32	0	24	0	70	0	37	81
EL 'ARÎSH	00	9	00	0	0	0	—	7.9	-1.1	29.5	31	0	23	+2	65	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	7	28	2	1	3	8	8.0	-1.6	27.0	32	-1	21	+1	78	0	84	101
MANŞÛRA	01	8	04	1	1	3	6	8.0	-1.2	27.2	35	0	20	-1	68	0	15	55
ṬANṬA	00	8	00	0	0	0	—	7.9	-1.9	27.0	34	-1	18	-2	73	0	8	44
ZAGAZIG	01	6	02	2	1	4	8	7.8	-2.1	28.2	33	-2	20	0	70	0	24	37
SHEBÎN EL KÔM	00	8	30	2	0	0	—	8.3	-1.4	28.2	36	—	21	—	61	0	9	—
MIDDLE EGYPT CAIRO ALMAZA	01	7	30	1	2	4	6	8.0	-1.5	25.2	35	—	23	—	74	0	14	—
CAIRO EZBEKÎYA	01	6	26	2	2	4	8	8.6	-0.9	26.0	34	-1	23	+1	69	0	13	26
CAIRO GÎZA	01	7	30	1	1	4	8	8.7	-0.7	27.6	34	-1	20	0	63	0	20	27
HELWÂN	01	7	30	2	1	4	8	8.2	-1.2	24.9	34	-1	22	+1	69	0	5	29
SUEZ	00	9	00	0	0	0	—			27.4	36	0	23	0	59	0	4	17
UPPER EGYPT																		
FAIYÛM	01	8	30	2	1	5	8	8.0	-1.7	26.3	36	0	21	0	69	0	8	8
MINYA	01	8	02	3	1	3	8	8.8	-0.3	26.2	36	0	20	-1	70	0	dt.	—
ASYÛṬ	00	7	28	2	0	0	—	8.7	+0.1	25.5	37	0	22	-1	63	0	0	4
NAG' ḤAMÂDI	00	8	32	1	0	0	—	6.6	-0.8	27.2	38	—	22	—	50	0	0	—
QENA	00	7	24	2	0	0	—	5.0	-2.2	34.0	43	+3	24	0	24	0	dt.	—
LUXOR	00	9	14	2	0	0	—	5.5	-1.5	32.0	41	-0	25	+2	33	0	dt.	—
ASWÂN	00	9	30	1	0	0	—	5.9	-1.3	30.8	40	-1	26	0	25	0	dt.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.6	-0.3	25.0	38	0	23	+3	88	0	2	8
BAHARÎYA	00	8	32	2	0	0	—	8.7	-1.8	25.5	35	-1	19	-1	72	0	dt.	7
KHÂRGA	00	9	32	2	0	0	—	—	—	27.7	39	0	25	+2	35	0	dt.	—
DAKHLA	00	8	32	3	0	0	—	9.4	+0.2	28.2	40	+1	26	+3	32	0	dt.	—
RED SEA																		
ṬÔR	00	7	28	3	0	0	—	4.3	-2.0	28.2	34	0	26	+1	71	0	2	13
HURGHÂDA	00	7	25	5	0	0	—	5.0	-1.6	28.4	36	+1	25	0	55	0	dt.	3
QUSEIR	00	8	32	2	0	0	—	4.0	-2.4	31.8	35	+1	27	0	33	0	dt.	4
PORT SÛDÂN	25	6	30	1	0	0	—	3		35			25		47	0	156	103
NORTH SÛDÂN																		
WÂDI ḤALFA																0	dt.	—
KAREIMA	18	5	24	5	0	0	—	8		30			28		46	0	7	16
'AṬBARA	18	6	20	4	0	0	—	7		28			26		58	0	55	39
KHARTÛM																0	47	97
KASSALA	02	8	20	3	1	7	6,4	11		26			23		62	0	92	192
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	30	5	1	4	1	11		25					70	0	180	252
RENK											—		—			—	—	342
ROSEIRES	01	8	20	1	1	3	9	12		22					83	0	578	510
EL OBEID	11	9	16	4	1	7	6,5	8		23			21		78	20	295	214
EL FÂSHER								—	—							6	107	190
GENEINA								—	—		—	—	—	—		—	—	840
KADUGLI	02	8						13		20	—		—		100	—	—	518
S. SÛDÂN																		
MALAKÂL	02	8	08	1	1	8	6	5		27			18		70	11	552	577
WÂU	02	8	00	0	1	6	4	14					20			24	872	806
JUBA																15	906	775

UPPER WINDS ON 12 th. — الرياح العليا يوم ١٢

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9 h. 15 m.	MINYA h. m.	ASYÛṬ 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 6 h. 30 m.
			02 36 15		02 34 20		02 35 20		06 01 35	03 33 10	06 17 30
			05 36 25		05 36 25		05 37 20		09 36 30	06 25 25	09 19 40
			10 34 50		10 35 30		10 38 10		15 33 25	09 21 15	15 25 30
			15 30 10		15 33 30		15 32 10		18 30 20		21 31 35
			20 34 25				20 27 05		24 29 20		24 32 35
			25 03 05				25 31 10		30 27 40		30 05 30
			30 03 15				30 33 10		39 35 45		39 04 20
			40 19 15				35 32 10		45 34 40		45 08 40
			50 22 30						60 24 50		60 10 20

KASSALA 9 h. 15 m.	PORT SÛDÂN 7 h. 45 m.	EL OBEID 7 h. 30 m.	EL FÂSHER h. m.	GENEINA 9 h. 15 m.	MALAKAL h. m.
06 20 30	03 24 20	06 26 30		09 19 10	
09 21 40	06 25 15	09 21 05		15 33 20	
15 22 50	09 29 15			21 35 15	
21 24 45	15 31 15			24 01 20	
27 24 50	21 32 05			30 03 35	
	24 31 05			33 03 30	

CYPRUS SYNOPTIC 8h ON 12 th.
34700 00990 10210 06271 40303 00170
34800 00890 10210 07262 20302 00210

UPPER AIR TEMP. ALMÂZA AT G.M.T ON

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

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 8 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise 05 36
Sunset 18 39

DAILY WEATHER REPORT

Month August 1947 — شهر أغسطس ١٩٤٧

At 14h. on Tuesday 12th — الساعة ١٤ يوم الثلاثاء ١٢/٨

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 hr. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	28	4	0	6	—	9.5	29.1	77	0	131
MARIUT	00	7	30	3	0	1	8	7	30	59	0	150
ALEXANDRIA	01	9	26	4	2	3	4	7.2	29.4	68	0	132
DAMIETTA	00	8	28	3	1	0	—	6.6	29.3	59	0	159
PORT SA'ÎD	00	8	32	3	0	0	—	7.0	31.0	58	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	6.9	29.3	63	0	135
LOWER EGYPT												
DAMANHÛR	01	7	28	3	1	4	8	7.2	32.0	52	0	136
MANŞÛRA	01	8	30	2	1	4	8	6.3	33.2	43	0	137
TANTA	01	8	00	0	1	4	8	6.2	33.6	42	0	138
ZAGAZIG	00	6	32	2	0	0	—	6.8	32.2	49	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	6.7	34.2	38	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	30	2	0	0	—	5.4	32.0	45	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	6.3	32.1	41	0	—
CAIRO GÎZA	00	8	28	1	0	0	—	6.4	32.7	37	0	—
HELWÂN	00	7	28	4	0	0	—	5.8	32.0	33	0	143
SUEZ	00	9	02	1	0	0	—		33.0	43	0	144
UPPER EGYPT												
FAIYÛM	00	8	30	1	0	0	—	5.8	32.9	35	0	153
MINYA	00	9	04	3	1	0	—	6.3	33.5	36	0	154
ASYÛT	00	8	26	1	0	0	—	6.4	32.6	33	0	155
NAG' HAMÂDI	00	8	24	2	0	0	—	3.9	34.7	32	0	164
QENA	00	8	24	2	0	0	—	1.9	40.3			156
LUXOR	00	9	22	3	0	0	—	3.2	39.0	17	0	157
ASWÂN	00	9	00	0	0	0	—	2.3	39.0			158
WESTERN DESERT												
SÎWA	00	8	04	4	0	0	—	10.6	38.4	19	0	148
BAHARÎYA	00	8	32	2	0	0	—	7.0	34.0	29	0	149
KHÂRGA	00	9	32	2	0	0	—	—	33.8	22	0	151
DAKHLA	00	9	30	3	0	0	—	5.8	35.4	20	0	152
RED SEA												
TÛR	00	7	28	4	0	0	—	3.8	30.1	76	0	145
HURGHÂDA	00	7	32	4	0	0	—	2.0	32.6	41	0	146
QUSEIR	00	8	02	2	0	0	—	3.2	32.3	57	0	147
PORT SÛDÂN	00	7	24	4	0	0	—	1	43	40		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	28	2	0	0	—	4	38	13		165
KAREIMA	02	7	04	2	0	8	2	5	40	17		166
'ATBARA	05	6	26	2	0	1	1	3	39	26		167
KHARTÛM	01	8	18	4	1	3	8,1	6	34	41		209
KASSALA	02	8	20	3	1	6	8	7	33	41		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	20	4	1	5	8	7	34	36		171
RENK	02	9	20	2	1	5	8	10	27	70		182
ROSEIRES												172
EL OBEID	01	9	20	3	1	4	8,4	7	32	46		174
EL FÂSHER	01	8	20	1	1	4	4,2	—	29	52		175
GENEINA	11	8	28	3	8	8	6	—	25	65		179
KADUGLI	02	8	20	2	2	6	4	11	24	74		187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

At 20h. on 12th — الساعة ٢٠ يوم الثلاثاء 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)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 hr. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	30	4	0	0	—	9.8	27.2	77	0	131
MARIUT	00	7	30	1	0	2	6	8	26	84	0	150
ALEXANDRIA	01	5	32	2	2	4	8	8.7	26.2	77	0	132
DAMIETTA	00	7	28	1	0	0	—	6.8	25.5	82	0	159
PORT SA'ÎD	00	8	32	2	0	0	—	7.4	26.0	73	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	7.1	27.7	72	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	2	1	0	—	7.9	26.3	78	0	136
MANŞÛRA	00	6	32	1	1	0	—	7.6	26.4	72	0	137
TANTA	00	8	00	0	1	0	—	7.6	25.8	71	0	138
ZAGAZIG	00	6	32	2	0	0	—	7.5	26.6	72	0	139
SHEBÎN EL KÔM	00	7	02	2	0	0	—	8.2	26.2	66	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	02	1	0	0	—	6.1	30.8	57	0	141
CAIRO EZBEKÎYA	00	8	00	0	0	0	—	6.7	30.2	50	0	—
CAIRO GÎZA	00	8	00	0	0	0	—	7.0	29.7	52	0	—
HELWÂN	00	7	32	2	0	0	—	6.6	30.0	40	0	143
SUEZ	00	9	30	1	0	0	—		29.6	51	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	1	0	0	—	5.8	30.0	43	0	153
MINYA	00	9	32	2	0	0	—	7.4	30.4	47	0	154
ASYÛT	00	6	26	1	0	0	—	8.8	30.0	36	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	5.1	37.7	59	0	164
QENA	00	6	24	2	0	0	—	4.0	31.0	38	0	156
LUXOR	00	8	26	3	0	0	—	3.6	33.8	23	0	157
ASWÂN	00	9	00	0	0	0	—	4.7	35.0	15	0	158
WESTERN DESERT												
SÎWA	00		04	4	0	0	—	10.4	32.8	49	0	148
BAHARÎYA	00	7	32	1	0	0	—	6.8	30.0	41	0	149
KHÂRGA	00	9	32	1	0	0	—	—	30.2	31	0	151
DAKHLA												152
RED SEA												
TÛR	00	7	28	3	0	0	—	3.0	31.2	68	0	145
HURGHÂDA	00	8	28	5	0	0	—	2.6	30.2	45	0	146
QUSEIR	00	8	28	1	0	0	—	3.1	30.7	39	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

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

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

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	13-8	4070	10173
	12-8	3442	10093

STATION	Mean of day: Humidity % on 12th	Humidity Diff. from normal	Wet Bulb Temp °C on 12th	Wet Bulb Temp Diff. from normal
Alexandria	72	-2	23.7	+0.4
Ezbekîya	53	-8	22.4	-0.4
Gîza	53	-9	22.5	+0.1
Helwân	51	0	21.0	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 13th 16.4 °C

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

GAUGE	Date 1947	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.00	+0.26
Nasser	13			—	—
Malakâl				11.71	-0.01
J. Aulia Res.				376.86	—
J. Aulia D.S				374.11	-0.71
Roseires		20.60	+1.44	—	—
Sennar Res.				—	—
Khartûm				14.76	-0.39
Kh. el Girba				15.20	+1.07
'Atbara				13.77	-0.75
Kajnarti				138.79	-1.06
Aswân Res.		98.50	-	98.50	—
Aswân D.S		89.10	-1.78	88.50	-2.25
Roda (Cairo)				16.72	-0.16

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)	Bar Pressure Diff. from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C	Maximum Diff. from norm °C	Minimum Today °C	Minimum Diff. from norm °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	30	3	0	0	—	10.4	-0.2	27.7	30	+2	26	+4	74	0	55	161
MARIUT	02	7	02	2	0	5	6	8		27	30	—	24	—	74	0	139	138
ALEXANDRIA	02	9	00	0	2	5	6	7.9	-2.2	26.6	31	+1	25	+1	80	0	106	186
DAMIETTA	01	7	28	1	1	4	8	8.6	-0.4	27.4	31	—	21	—	73	0	32	106
PORT SA'ÎD	00	8	02	2	0	3	4	8.7	+0.3	26.8	32	0	23	-1	69	0	27	81
EL 'ARÎSH	00	9	00	0	0	0	—	8.0	-1.0	28.6	30	-1	23	+2	70	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	7	29	2	1	5	8	9.4	-0.3	26.7	33	0	21	+1	79	0	84	101
MANŞÛRA	01	8	04	1	1	4	8	9.0	-0.3	26.0	35	0	20	-1	82	0	15	55
TANTA	01	8	00	0	1	4	8	9.2	-0.7	25.0	34	-1	19	-1	84	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	9.6	-0.4	27.2	33	-2	20	0	77	0	24	27
SHEBÎN EL KÔM	01	8	02	2	1	4	8	9.5	-0.3	27.1	35	—	21	—	70	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	7	04	1	0	5	6	8.4	-1.2	25.3	34	—	23	—	71	0	14	—
CAIRO EZBEKÎYA	01	6	32	1	2	4	6	8.8	-0.8	24.2	33	-2	22	0	70	0	13	26
CAIRO GÎZA	00	7	30	1	0	0	—	9.1	-0.4	26.9	33	-4	21	+1	69	0	20	27
HELWÂN	00	6	32	2	1	2	8	8.8	-0.7	24.5	33	-2	20	-1	73	0	5	29
SUEZ	00	9	02	1	0	0	—			27.7	36	0	22	-1	57	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	8.2	-1.5	26.4	35	-1	21	0	68	0	8	8
MINYA	00	8	32	3	1	2	8	9.1	0.0	26.6	34	-2	21	0	68	0	tr	—
ASYÛT	00	9	26	1	0	0	—	8.3	-0.4	27.1	34	-3	21	-2	58	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.4	-0.1	28.2	36	—	21	—	54	0	0	—
QENA	00	7	24	2	0	0	—	6.4	-0.9	31.0	41	+1	25	+1	39	0	tr	—
LUXOR	00	9	22	2	0	0	—	6.4	-0.6	33.5	40	-1	23	0	33	0	tr	—
ASWÂN	00	9	00	0	0	0	—	7.4	+0.2	31.6	40	-1	25	-1	32	0	tr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.0	-1.0	27.0	39	+1	22	+2	71	0	2	8
BAHARÎYA	01	8	32	2	1	4	8	8.2	-2.3	25.0	35	-1	21	+1	76	0	tr	7
KHÂRGA	00	9	00	0	0	0	—	—	—	30.0	37	-2	23	0	36	0	tr	—
DAKHLA																	tr	—
RED SEA																		
TÛR	00	7	28	3	0	0	—	4.3	-2.1	28.5	32	-2	24	-1	69	0	2	13
HURGHÂDA	00	8	30	2	0	0	—	5.4	-1.3	30.4	34	-1	26	+1	50	0	tr	3
QUSEIR	00	8	32	1	0	0	—	5.4	-1.1	32.2	34	0	25	-2	36	0	tr	4
PORT SÛDÂN	00	8	20	4	0	0	—	4		36					59	0	156	103
NORTH SÛDÂN																		
WÂDI HALFA																0	tr	—
KAREIMA																0	7	16
'ATBARA	00	7	20	3	0	0	—	9		29					59	0	55	40
KHARTÛM	00	8	18	4	1	1	1	10		28					70	0	47	100
KASSALA	02	8	12	2	1	7	4,5	11		27					58	0	92	197
CENTRAL SÛDÂN																		
WAD MEDANI																0	180	257
RENK	01	9	20	2	0	4	2	12		25		—		—	84	—	—	346
ROSEIRES	01	8	12	1	1	3	6	11		23					94	0	578	517
EL OBEID	00	8	18	4	0	1	1	10		24					74	0	295	218
EL FÂSHER	02	8	12	2	1	7	4	—	—	24					89	tr	107	194
GENEINA								—	—			—		—		—	—	348
KADUGLI	01	9	04	1	1	5	4	11		23		—		—	84	—	—	523
S. SÛDÂN																		
MALAKÂL	02	8	16	2	1	5	4	12		25					84	0	552	583
WÂU																0	872	813
JUBA	51	8	18	1	5	8	6,5	15		22					83	tr	906	780

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9 h. 15 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM 7 h. m.
			02 35 20		02 33 15		02 01 10				06 22 30
			05 35 30		05 02 25		05 33 15				09 22 40
			10 04 20		10 32 15		10 36 10				15 22 25
			20 07 20		15 11 10		15 33 15				21 24 15
			30 16 35		20 13 20		20 25 20				30 04 30
			40 14 10				25 33 30				
			45 08 20				30 23 30				
			50 36 25				35 20 30				
			60 05 20				40 21 25				

KASSALA 7 h. m.	PORT SÛDÂN 6 h. 45 m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL 7 h. m.
06 19 35	03 25 30	03 10 05	09 17 10		06 02 15
09 20 40	06 23 30	06 14 15	15 28 05		09 36 30
15 22 35	09 24 30	09 19 15	21 00 00		15 35 40
21 25 40	15 28 30	15 21 30	24 00 00		21 28 15
30 36 40	21 24 45	21 30 25	03 35 10		30 26 20

CYPRUS SYNOPTIC 8h ON 13th

34700 00890 00000 06291 80403 00210
38810 00861 26301 07291 50802 00210

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

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50,59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 P.O.

DAILY WEATHER REPORT

Time of Sunrise h. m.
Sunset h. m.

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

At 14 h. on WEDNESDAY 13 th. — 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 TEMP. (TTT)	% HUMIDITY (UU)	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	32	3	0	0	—	10.4	29.4	66	0	131
MARIUT	00	8	31	2	0	0	—	8	30	66	0	150
ALEXANDRIA	00	9	04	2	0	0	—	8.4	29.2	69	0	132
DAMIETTA	00	8	30	2	1	0	—	7.8	30.5	52	0	159
PORT SA'ÎD	00	8	02	3	0	0	—		30.9	58	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	7.5	28.9	70	0	135
LOWER EGYPT												
DAMANHÛR	00	7	04	3	1	0	—	7.8	32.7	50	0	136
MANSÛRA	00	8	02	2	1	0	—	7.6	34.0	30	0	137
TANTA	00	8	00	0	1	0	—	7.2	34.0	36	0	138
ZAGAZIG	00	6	24	2	0	0	—	7.1	33.2	45	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	7.8	34.8	39	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	32	2	0	0	—	7	34	36	0	141
CAIRO EZBEKÎYA	00	8	28	1	0	0	—	7.0	33.0	44	0	—
CAIRO GÎZA	00	8	28	1	0	0	—	6.6	33.4	40	0	—
HELWÂN	00	7	32	2	0	0	—	6.2	34.0	28	0	143
SUEZ	00	9	28	1	0	0	—		35.0	32	0	144
UPPER EGYPT												
FAIYÛM	00	8	30	2	0	0	—	6.2	34.6	25	0	153
MINYA	00	9	32	4	0	0	—	6.7	35.0	28	0	154
ASYÛT	00	8	22	1	0	0	—	6.0	34.6	29	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	6.0	35.7	29	0	164
QENA	00	8	22	2	0	0	—	5.0	39.2	23	0	156
LUXOR	00	9	16	2	0	0	—	4.7	40.0	15	0	157
ASWÂN	00	9	00	0	0	0	—	4.2	39.0	17	0	158
WESTERN DESERT												
SÎWA	00	8	04	5	0	0	—	10.2	38.0	44	0	148
BAHARÎYA	00	8	32	2	0	0	—	7.8	35.0	30	0	149
KHÂRGA	00	9	33	3	0	0	—	—	35.3	22	0	151
DAKHLA	00	9	28	2	0	0	—	7.2	34.4	24	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—	5.1	31.8	62	0	145
HURGHÂDA	00	8	02	2	0	0	—	5.2	31.6	56	0	146
QUSEIR	00	8	02	2	0	0	—	5.0	31.0	76	0	147
PORT SÛDÂN	00	8	10	3	0	2	8	3	39	34		208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA	02	8	08	1	0	8	8,2	6	39	20		166
'ATBARA	01	7	24	2	0	4	8	5	37	25		167
KHARTÛM	00	8	20	3	1	2	8	6	35	53		209
KASSALA	02	7	16	2	1	5	6,4	6	34	39		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	18	4	0	4	8	7	34	36		171
RENK	02	9	20	2	1	8	8		27	79		182
ROSEIRES	01	8	20	1	1	3	4	10	27	70		172
EL OBEID	01	9	06	3	0	4	8	6	31	49		174
EL FÂSHER	01	8	12	1	0	3	8,1	—	33	47		175
GENEINA								—				179
KADUGLI	01	8	04	1	1	5	4	9	29	48		187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

At 20 h. on 13 th. — الساعة ٢٠ 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 TEMP. (TTT)	% HUMIDITY (UU)	RAIN 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	30	1	0	0	—	9.6	27.8	76	0
MARIUT	00	7	29	3	0	0	—	8	26	89	0
ALEXANDRIA	00	5	02	4	0	0	—	8.2	26.6	87	0
DAMIETTA	00	7	28	2	0	0	—	8.0	26.0	76	0
PORT SA'ÎD	00	8	30	2	0	0	—	8.0	27.7	65	0
EL 'ARÎSH	00	9	28	1	0	0	—	7.0	28.6	60	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	0	0	—	8.4	25.6	80	0
MANSÛRA	00	6	02	1	0	0	—	9.0	26.0	69	0
TANTA	00	8	00	0	0	0	—	9.0	25.0	76	0
ZAGAZIG	00	6	32	2	0	0	—	8.6	30.2	58	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	7.9	28.2	54	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	04	3	0	0	—	8.1	30.7	53	0
CAIRO EZBEKÎYA	00	7	00	0	0	0	—	7.8	30.2	47	0
CAIRO GÎZA	00	7	00	0	0	0	—	7.6	30.1	48	0
HELWÂN	00	7	32	4	0	0	—	7.0	30.8	38	0
SUEZ	00	9	32	1	0	0	—		30.0	43	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	6.8	30.0	39	0
MINYA	00	9	32	2	0	0	—	6.4	31.0	37	0
ASYÛT	00	6	22	1	0	0	—	6.3	30.1	31	0
NAG' HAMÂDI	00	8	00	0	0	0	—	5.8	27.2	61	0
QENA	00	6	24	2	0	0	—	5.1	31.0	39	0
LUXOR	00	8	26	2	0	0	—	5.5	34.0	26	0
ASWÂN	00	9	00	0	0	0	—	4.7	36.0	19	0
WESTERN DESERT											
SÎWA	—	—	00	0	0	0	—	10.4	33.4	57	0
BAHARÎYA	00	7	32	1	0	0	—	7.4	31.0	33	0
KHÂRGA	0										
DAKHLA	00	8	00	0	0	0	—	6.4	31.2	30	0
RED SEA											
TÔR	00	7	28	3	0	0	—	3.8	30.2	72	0
HURGHÂDA	00	7	00	0	0	0	—	4.4	28.2	82	0
QUSEIR	00	8	12	1	0	0	—	5.2	28.7	80	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 8 h. on THURSDAY 14 th. — 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)	CAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm °C	MINIMUM Today °C (mm)	MINIMUM Diff from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM													—		—			99
MATRÛH	01	8	28	3	1	4	2	11.0	+0.3	27.1	30	+2	23	+1	85	0	55	161
MARIUT	00	7	25	2	0	0	—	9		29	30	—	24	—	66	0	139	138
ALEXANDRIA	00	9	32	3	0	0	—	9.4	-0.7	28.6	31	+1	25	+1	66	0	106	186
DAMIETTA	00	7	16	1	0	0	—			27.8	32	—	21	—	80	0	32	106
PORT SA'ÎD	00	7	20	2	0	1	8	8.6	+0.1	26.9	32	0	25	+1	83	0	27	81
EL 'ARÎSH	00	9	00	0	0	0	—	8.2	-0.9		30	-1	21	0		0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	26	3	0	0	—	8.6	-1.1	29.0	34	+1	21	+1	71	0	84	101
MANSÛRA	00	8	20	1	0	0	—	8.6	-0.8	27.0	36	+1	20	-1	81	0	15	55
TANTA	00	8	00	0	0	0	—	9.2	-0.7		35	0	19	-1	87	0	8	44
ZAGAZIG	00	6	32	2	0	2	8	8.8	-1.3	27.6	34	-1	19	-1	86	0	24	27
SHEBÎN EL KÔM	00	7	22	1	4	0	—	9.5	-0.3	27.6	36	—	21	—	74	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	1	0	—	9.1	-0.6	25.4	35	—	21	—	84	0	14	—
CAIRO EZBEKÎYA	41	4	30	2	4	0	—	9.0	-0.7	25.2	34	-1	21	-1	77	0	13	26
CAIRO GÎZA	05	6	00	0	0	0	—	9.1	-0.6	27.5	35	0	19	-1	77	0	20	27
HELWÂN	00	6	00	0	0	0	—	9.0	-0.6	25.6	35	0	20	-1	84	0	5	29
SUEZ	00	9	32	1	0	0	—			27.8	37	+1	22	-1	54	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	0	—	8.6	-1.2	28.0	37	+1	22	+1	65	0	8	8
MINYA	00	9	32	3	0	0	—	8.3	-0.8	26.2	35	-1	21	0	56	0	dr.	—
ASYÛT	00	7	26	2	0	0	—	8.2	-0.5	26.7	36	-1	21	-2	57	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.2	-0.4	27.3	37	—	22	—	50	0	0	—
QENA	00	7	22	2	0	0	—	6.2	-1.1	32.0	41	+1	23	-1	37	0	dr.	—
LUXOR	00	9	30	2	0	0	—	6.8	-0.3	33.2	41	0	22	-1	32	0	dr.	—
ASWÂN	00	9	00	0	0	0	—	7.1	-0.2	30.6	41	0	27	+1	36	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.2	-0.8	27.0	40	+2	23	+3	80	0	2	8
BAHARÎYA	00	8	32	2	0	0	—	8.7	-1.9	26.0	36	0	21	+1	69	0	dr.	7
KHÂRGA																	dr.	—
DÂKHLA	00	8	00	0	0	0	—	8.3	-1.0	30.6	36	-3	24	+1	38	0	dr.	—
RED SEA																		
TÔR	00	7	20	5	0	0	—	5.5	-0.9	29.2			24	-1	78	0	2	13
HURGHÂDA	00	8	30	3	0	0	—	6.2	-0.5	30.4	34	-1	24	-1	44	0	dr.	3
QUSEIR	00	8	22	2	0	0	—	5.8	-0.8	32.0	33	-1	25	-2	47	0	dr.	4
PORT SÛDÂN	01	8	00	0	0	3	4	5		34			27		47	0	156	103
NORTH SÛDÂN																		
WÂDI HALFA																0	dr.	—
KAREIMA	00	8	28	3	1	1	2	8		31			28		33	0	7	17
'ATBARA	00	7	22	4	1	0	—	8		31			28		49	0	55	42
KHARTÛM	00	8	19	3	1	1	4	8		30			27		43	0	47	102
KASSALA	01	8	28	3	1	3		8		27			24		62	0	92	202
CENTRAL SÛDÂN																		
WAD MEDANI																39	219	262
RENK												—		—		—	—	351
ROSEIRES																22	600	525
EL OBEID	02	8	16	4	0	7	4,2	9		24			23		84	1	296	222
EL FÂSHER	01	8	00	0	1	3	1	—	—	23			22		89	2	107	199
GENEINA	03	8	24	3	1	8	7	—	—	22		—	20	—	94	—	—	356
KADUGLI	01	8	04	1	1	4	1	11		23		—		—	84	—	—	528
S. SÛDÂN																		
MALAKÂL	02	8	12	2	6	7	4,4	13		23			22		89	2	554	589
WÂU																0	872	820
JUBA																9	915	784

UPPER WINDS ON 13 th. — الرياح العليا يوم ١٣

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA 13 h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
										06 22 20			
										09 22 15			
										15 22 20			
										21 22 25			
										24 22 20			
										30 24 15			
										33 31 10			

UPPER WINDS ON 14 th. — الرياح العليا يوم ١٤

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 9 h. 30 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD 6 h. 30 m.	KAREIMA 7 h. m.	KHARTÛM h. m.
			02 33 15		02 33 15		05 29 10		06 35 15	03 36 05	
			05 03 10		05 36 20		10 24 15		09 36 30	06 02 30	
			10 04 35		10 37 30		15 25 25		15 35 25	09 36 35	
			15 01 40				20 24 25		21 33 30	15 35 40	
			20 36 25				25 20 40		30 32 20	21 34 50	
			25 28 25				30 18 20		39 27 15	30 26 20	
			30 23 15				35 22 10		45 27 20	39 12 25	
			40 05 10				40 20 10		60 24 20	45 10 20	
			49 36 20				45 20 20				

KASSALA h. m.	PORT SÛDÂN 6 h. 45 m.	EL OBEID 7 h. 30 m.	EL FÂSHER 7 h. m.	GENEINA 7 h. 15 m.	MALAKAL h. m.
06 18 40	03 06 05	06 21 30	09 00 00	09 30 15	
09 17 30	06 13 10	09 22 30	15 32 05		
15 21 45	09 28 05	15 32 05	21 13 10		
21 22 00	15 33 20	21 31 25	30 14 05		
30 30 30	21 34 00				
39 35 30					
45 35 20					

CYPRUS SYNOPTIC 8h ON 14 th.

34700 00990 08100 06282 20306 00190

34000 00890 XXXXX XXXXX 20300 00220

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	14 th.	4703	10335
	13 "	4070	10173

STATION	Mean of day: HUMIDITY % on 13 th.	Humidity Diff from normal	WET BULB TEMP °C on 13 th.	Wet bulb Diff from normal
Alexandria	82	+8	24.7	+1.4
Ezbekîya	53	-8	22.8	0.0
Gîza	53	-10	22.8	+0.5
Helwân	53	+2	21.2	+0.4

GÎZA — GRASS MINIMUM TEMP ON 14 th. 14.0 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14 th.			13.82	+0.12
Nâsser				9.92	+0.18
Malakâl		11.73	-0.03	11.72	-0.02
J. Aulia Res.				376.61	—
J. Aulia D.S				394.41	-0.44
Roseires		20.80	+1.62	20.60	+1.44
Sennar Res.				17.20	—
Khartûm		15.18	-0.06	15.04	-0.15
Kh. el Girba				14.70	+0.43
'Atbara		14.55	-0.09	14.53	-0.05
Kajnarti		139.05	-1.15	139.07	-0.99
Aswân Res.		48.50	—	48.50	—
Aswân D.S		89.86	-1.36	89.10	-1.78
Roda (Cairo)		16.83	-0.09	16.83	-0.37

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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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 / Sunset 18 37

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

1417 F.C.

At 14h. on THURSDAY 14 th. — 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	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	30	3	0	0	—	10.7	29.3	80	0	131
MARIUT	00	8	28	4	0	0	—	9	30	62	0	150
ALEXANDRIA	00	9	30	4	0	0	—	8.7	30.2	62	0	132
DAMIETTA	00	8	30	2	0	0	—	7.1	30.5	67	0	159
PORT SA'ID	00	7	30	3	0	0	—	7.4	33.9	61	0	134
EL 'ARÎSH	00	9	28	2	0	0	—	7.4	31.8	56	0	135
LOWER EGYPT												
DAMANHÛR	00	7	32	3	0	0	—	8.3	32.3	53	0	136
MANSÛRA	00	8	28	2	0	0	—	6.8	35.0	46	0	137
TANTA	00	8	00	0	0	0	—	7.5	35.0	36	0	138
ZAGAZIG	00	6	32	2	0	0	—	8.0	34.2	54	0	139
SHEBÎN EL KÔM	00	8	28	3	0	0	—	8.0	37.2	37	0	—
MIDDLE EGYPT — CAIRO												
ALMÂZA	00	8	32	3	0	0	—	6.5	35.2	41	0	141
EZBEKÎYA	00	8	28	2	0	0	—	7.2	34.8	38	0	—
GÎZA												—
HELWÂN	00	7	30	4	0	0	—	6.4	35.3	24	0	143
SUEZ	00	9	02	1	0	0	—		36.6	18	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	1	0	0	—	6.4	36.0	25	0	153
MINYA	00	9	32	4	0	0	—	6.4	36.0	25	0	154
ASYÛT	00	8	22	1	0	0	—	6.0	37.2	30	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	4.8	36.8	27	0	164
QENA	00	8	22	2	0	0	—	3.8	41.0	20	0	156
LUXOR	00	9	14	1	0	0	—	4.0	42.0	14	0	157
ASWÂN	00	9	20	1	0	0	—	4.3	38.8	14	0	158
WESTERN DESERT												
SÎWA	00	8	04	2	0	0	—	10.2	40.0	38	0	148
BAHARÎYA	00	8	04	1	0	0	—	6.7	37.2	25	0	149
KHÂRGA												151
DAKHLA	00	9	26	1	0	0	—	7.4	36.3	20	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—	5.6	32.9	62	0	145
HURGHÂDA	00	8	02	1	0	0	—	4.0	32.7	61	0	146
QUSEIR	00	8	04	1	0	0	—	5.5	31.3	74	0	147
PORT SÛDÂN	00	8	08	3	1	1	4	3	37	35		208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM	10	7	16	5	1	6	9.1	6	32	49		209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	28	5	1	5	4	7	29	70		171
RENK	01		20	3	1	5	8	8	28	58		182
ROSEIRES												172
EL OBEID												174
EL FÂSHER								—			—	175
GENEINA								—			—	179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

At 20h. on 14 th. — 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	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	28	2	0	0	—	10.4	27.2	91	0
MARIUT	00	7	00	0	0	0	—	9	27	79	0
ALEXANDRIA	00	5	32	2	0	0	—	8.7	26.6	82	0
DAMIETTA	00	7	28	3	0	0	—	7.5	27.0	84	0
PORT SA'ID	00	7	26	4	0	0	—	7.9	27.6	81	0
EL 'ARÎSH	00	9	30	1	0	0	—	7.4	28.5	84	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	0	0	—	8.7	27.2	78	0
MANSÛRA	00	6	04	1	0	0	—	8.7	27.6	73	0
TANTA	00	8	00	0	0	0	—	8.8	26.0	76	0
ZAGAZIG	00	6	32	2	0	0	—	8.4	27.4	75	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	7.6	27.3	69	0
MIDDLE EGYPT — CAIRO											
ALMÂZA	00	7	02	2	0	0	—	8.3	31.0	60	0
EZBEKÎYA	00	6	30	1	0	0	—	8.6	30.3	51	0
GÎZA	00	6	30	1	0	0	—	8.2	29.1	59	0
HELWÂN	00	6	30	4	0	0	—	8.0	30.2	50	0
SUEZ	00	9	32	1	0	0	—		31.8	54	0
UPPER EGYPT											
FAIYÛM	00	8	02	1	0	0	—	7.8	31.0	35	0
MINYA	00	9	32	2	0	0	—	7.2	31.0	37	0
ASYÛT	00	6	26	1	0	0	—	6.2	32.9	26	0
NAG' HAMÂDI	00	8	00	0	0	0	—	4.6	31.2	39	0
QENA	00	6	24	2	0	0	—	3.9	34.3	35	0
LUXOR	00	8	26	2	0	0	—	4.2	31.0	37	0
ASWÂN	00	9	00	0	0	0	—	4.4	36.0	17	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	10.3	35.6	57	0
BAHARÎYA	00	7	32	1	0	0	—	7.9	31	37	0
KHÂRGA	00	9	00	0	0	0	—	—	30.5	25	0
DAKHLA	00	8	27	1	0	0	—	7.8	33.8	24	0
RED SEA											
TÔR	00	7	00	0	0	0	—	3.8	31.2	60	0
HURGHÂDA	00	8	24	1	0	0	—	4.3	29.1	54	0
QUSEIR	00	8	12	1	0	0	—	4.8	29.3	80	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 14 th. — الرياح العليا يوم ١٤

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
					03 21 05								
					06 34 10								
					09 30 05								
					12 09 05								
					15 18 05								

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	15 th.	4954	10382
	14 th.	4703	10335

STATION	Mean of day: HUMIDITY % on 14 th.	HUMIDITY Diff from normal	WET BULB TEMP °C on 14 th.	WET BULB TEMP Diff from normal
Alexandria	71	−2	24.2	+0.9
Ezbekîya	59	−2	23.1	+0.3
Gîza	63	0	23.9	+1.6
Helwân	54	+3	21.6	+0.9

GÎZA — GRASS MINIMUM TEMP ON 15 th. 16.2°C

CAIRO — WATER TEMP. / RIVER NILE AT 9h. ON ... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15 th.	14.26	+0.52	13.82	+0.08
Nâsser		10.02	+0.24	9.94	+0.18
Malakâl		11.70	−0.03	11.73	−0.03
J. Aulia Res.		376.52	—	376.58	—
J. Aulia D.S		374.95	0.00	374.68	−0.22
Roseires		20.82	+1.62	20.80	+1.62
Sennar Res.		17.21	—	17.20	—
Khartûm		15.42	+0.13	15.18	−0.06
Kh. el Girba		13.95	−0.39	14.30	0.00
'Atbara		14.58	−0.12	14.55	−0.09
Kajnarti		139.29	−1.11	139.05	−1.15
Aswân Res.		87.50	—	87.50	—
Aswân D.S		87.72	−1.18	87.66	−1.34
Roda (Cairo)		16.83	−0.57	16.83	−0.47

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

At 8h. on FRIDAY 15 th. — 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.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm °C	MINIMUM Today °C mm	MINIMUM Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	Total From Oct 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	01	9	30	3	1	3	8	11.2	+0.5	27.2	30	+2	24	+2	81	0	55	161
MARIUT	00	7	27	3	0	0	—	9		29	31	—	26	—	66	0	139	138
ALEXANDRIA	00	9	30	3	0	0	—	9.9	−0.3	28.4	32	+2	25	+1	65	0	106	186
DAMIETTA	00	8	28	3	0	0	—	7.8	−1.3	28.6	32	—	24	—	73	0	32	106
PORT SA'ID	00	8	24	3	0	0	—	7.9	−0.7	28.2	35	+3	26	+2	73	0	27	81
EL 'ARÎSH	00	9	22	1	0	0	—	7.8	−1.4	29.9	33	+2	21	0	74	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	28	3	0	0	—	9.0	−0.8	28.6	33	0	22	+2	72	0	84	101
MANSÛRA	00	8	32	2	0	0	—	8.4	−1.0	29.6	36	+1	22	+1	73	0	15	55
TANTA	00	8	28	4	0	0	—	9.5	−0.4	28.0	36	+1	19	−1	70	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	9.0	−1.2	30.2	36	+1	21	+1	65	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	9.5	−0.4	29.4	38	—	22	—	65	0	9	—
MIDDLE EGYPT — CAIRO																		
ALMAZA	00	7	32	1	0	0	—	8.7	−1.1	27.0	36	—	24	—	77	0	14	—
EZBEKÎYA	05	6	28	1	0	0	—	9.5	−0.3	27.5	36	+1	23	+1	80	0	13	26
GÎZA	00	7	30	1	0	0	—	9.5	−0.2	26.9	35	0	22	+2	77	0	20	27
HELWÂN	05	6	30	2	0	0	—	9.1	−0.6	25.8	35	0	23	+2	72	0	5	29
SUEZ	00	9	32	1	0	0	—			30.0	38	+2	24	+1	52	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	0	—	8.8	−1.1	28.4	38	+2	23	+2	64	0	8	8
MINYA	00	9	32	3	0	0	—	8.7	−0.5	29.4	36	0	22	+1	60	0	dr.	—
ASYÛT	00	7	26	1	0	0	—	8.7	−0.1	26.8	40	+3	20	−3	57	0	0	4
NAG' HAMÂDI	00	8	32	1	0	0	—	6.4	−1.3	29.6	39	—	24	—	58	0	0	—
QENA	00	7	24	2	0	0	—	5.6	−1.8	33.0	43	+3	24	0	37	0	dr.	—
LUXOR	00	7	14	1	0	0	—	6.0	−1.1	33.0	43	+2	23	0	26	0	dr.	—
ASWÂN	00	9	00	0	0	0	—	6.3	−1.1	30.7	40	−1	25	−1	29	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.6	−0.5	25.0	42	+4	23	+3	92	0	2	8
BAHARÎYA	00	8	00	0	0	0	—	9.5	−1.2	27.8	38	+2	23	+3	65	0	dr.	7
KHÂRGA	00	9	00	0	0	0	—	—	—	29.0	37	−2	25	+2	34	0	dr.	—
DAKHLA	00	8	08	1	0	0	—	8.6	−0.8	32.2	39	0	28	+5	29	0	dr.	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	6.0	−0.5	28.9	33	−1	24	−1	80	0	2	13
HURGHÂDA	00	8	28	3	0	0	—	6.3	−0.5	30.7	34	−1	28	+3	57	0	dr.	3
QUSEIR	00	8	32	2	0	0	—	5.5	−1.1	31.7	33	−1	27	0	46	0	dr.	4
PORT SÛDÂN	00	7	24	1	0	0	—	5		32			27		46	0	156	183
NORTH SÛDÂN																		
WÂDI HA'FA	00	8	14	1	0	0	—	7		29			22		23	0	dr.	—
KAREIMA	01	8	22	2	1	4	4	8		33			27		23	0	7	17
'ATBARA	00	7	20	3	0	3	2	8		30			24		52	0	55	43
KHARTÛM	02	8	22	4	2	5	4.1	10		28			26		16	2	49	104
KASSALA	01	8	14	3	1	5	4	12		25			23		79	3	95	206
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	18	4	1	5	5	10		26					84	0	219	267
RENK											—			—		—	—	355
ROSEIRES	02	7	18	1	1	8	9	11		23					84	0	600	532
EL OBEID	02	9	20	2	1	7	6.4	10		23			22		84	1	297	226
EL FÂSHER								—	—							1	110	203
GENEINA								—	—			—		—		—	—	364
KADUGLI	02	8	28	2	2	6	4	12		23		—		—	84	—	—	533
S. SÛDÂN																		
MALAKÂL	02	8	16	2	1	6	6.4	13		24			22		94	0	554	595
WÂU																0	872	827
JUBA	02	8	14	2	1	6	4.5	14		23			20		89	41	915	788

UPPER WINDS ON 15 th. — 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 h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
								09 29 25	09 25 20	09 01 05	09 29 10
								15 33 15	15 32 15	15 01 15	15 27 05
								21 36 05	21 28 15	21 35 20	21 36 20
								30 22 25	30 22 05	30 31 20	24 35 25
								39 18 25	33 19 10	39 30 15	30 03 20
								45 15 10	39 15 15		39 30 15
								60 09 20	45 13 15		45 04 05
								75 05 20	51 07 25		

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
7h30m.	7h15m.	7h15m.			7h.
09 21 35	09 28 20	09 24 20			09 26 20
15 21 30	15 27 30	15 15 20			15 24 25
21 24 20	21 30 25	21 10 25			21 26 30
24 29 10	24 35 25				24 26 30
30 20 10					30 27 35
33 28 15					

CYPRUS SYNOPTIC 8h ON 15 th.

UPPER AIR TEMP. ALMÂZA — AT G.M.T ON

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

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise h. 05 m. 22
Sunset h. 18 m. 36

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

At 14h. on FRIDAY 15th — الساعة ١٤ يوم ١٥ | At 20h. on 15th — الساعة ٢٠ يوم الجمعة ١٥

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	32	3	0	0	—	12.3	29.7	67	0	00	8	32	3	0	0	—	12.3	27.6	62	0	131
	Mariut	00	7	27	4	0	0	—	10	30	62	0	00	7	29	3	0	0	—	10	27	62	0	150
	Alexandria	00	9	30	5	0	0	—	9.9	30.2	58	0	00	5	30	5	0	0	—	11.0	26.0	76	0	132
	Damietta	11	7	28	5	0	0	—	7.5	30.0	68	0	00	7	28	4	0	0	—	8.0	26.4	82	0	159
	Port Sa'îd	00	7	26	5	3	0	—	7.9	31.9	62	0	00	7	28	5	3	0	—	8.4	27.1	75	0	134
	El 'Arîsh	00	9	30	3	0	0	—	7.2	31.3	71	0												135
Lower Egypt	Damanhûr	00	7	24	3	1	0	—	10.0	32.3	48	0	00	7	24	2	0	0	—	9.8	25.8	78	0	136
	Mansûra	00	8	32	3	0	0	—	8.2	34.4	41	0	00	6	02	2	0	0	—	9.8	26.6	69	0	137
	Tanta	00	8	28	5	0	0	—	8.4	34.0	34	0	00	8	00	0	0	0	—	10.0	25.0	72	0	138
	Zagazig	00	6	32	2	0	0	—	8.2	33.2	48	0	00	6	32	2	0	0	—	9.2	26.2	72	0	139
	Shebîn el Kôm	00	8	32	3	0	0	—	9.1	36.1	34	0	00	7	28	2	0	0	—	9.2	26.7	62	0	—
Middle Egypt	Cairo Almâza	00	8	30	3	0	0	—	8.1	35.3	35	0	00	7	32	2	0	0	—	9.3	29.0	53	0	141
	Cairo Ezbekîya	00	7	30	2	0	0	—	7.5	34.8	33	0	00	7	30	1	0	0	—	9.0	28.3	56	0	—
	Cairo Gîza	00	8	28	2	0	0	—	8.6	34.9	33	0	00	7	30	1	0	0	—	8.8	27.2	59	0	—
	Helwân	00	7	28	4	0	0	—	7.6	34.9	24	0	00	7	30	4	0	0	—	9.4	28.9	46	0	143
	Suez	00	9	32	1	0	0	—		36.6	25	0	00	9	30	1	0	0	—		29.6	43	0	144
Upper Egypt	Faiyûm	00	8	32	2	0	0	—	7.4	36.6	21	0	00	8	32	1	0	0	—	8.3	29.7	40	0	153
	Minya	00	9	32	4	0	0	—	7.2	36.0	29	0	00	9	32	2	0	0	—	8.3	30.0	47	0	154
	Asyût	00	8	28	1	0	0	—	7.2	37.4	21	0	00	6	28	1	0	0	—	7.1	33.6	23	0	155
	Nag Hamâdi	00	8	24	1	0	0	—	4.7	38.8	28	0	00	8	32	1	0	0	—	5.1	31.8	33	0	164
	Qena	00	8	24	2	0	0	—	4.7	43.0	21	0	00	6	24	2	0	0	—	3.6	35.0	29	0	156
	Luxor	00	9	24	1	0	0	—	4.3	42.5	14	0	00	8	26	3	0	0	—	3.2	36.8	21	0	157
	Aswân	00	9	00	0	0	0	—	5.5	39.6	19	0	00	9	00	0	0	0	—	4.0	37.4	17	0	158
Western Desert	Sîwa	00	8	20	3	0	0	—	11.4	38.7	38	0	00		04	3	0	0	—	11.4	34.8	57	0	148
	Baharîya	00	8	32	1	0	0	—	8.3	37.0	28	0	00	7	32	1	0	0	—	8.6	32.8	32	0	149
	Khârga												00	9	32	1	0	0	—	—	33.5	25	0	151
	Dakhla	00	9	04	3	0	0	—	7.2	38.3	18	0	00	8	28	1	0	0	—	8.2	35.5	20	0	152
Red Sea	Tôr	00	7	28	3	0	0	—	5.6	32.8	63	0	00	7	28	3	0	0	—	4.8	32.2	70	0	145
	Hurghâda	00	7	32	4	0	0	—	5.1	33.8	55	0	00	8	28	4	0	0	—	5.0	32.6	45	0	146
	Quseir	00	8	32	2	0	0	—	5.2	33.4	54	0	00	8	02	1	0	0	—	5.4	30.4	56	0	147
	Port Sûdân	00	8	08	3	0	0	—	2	39	38													208
North Sûdân	Wâdi Halfa	00	8	30	2	0	0	—	4	41	08													165
	Kareima	02	8	24	3	1	8	1	6	40	11													166
	'Atbara	00	8	20	2	1	0	—	3	39	20													167
	Khartûm	01	8	14	3	1	4	8	6	36	33													209
	Kassala	01	8	20	2	1	3	8	7	33	47													170
Central Sûdân	Wad Medani																							171
	Renk																							182
	Roseires																							172
	El Obeid																							174
	El Fâsher								—											—				175
	Geneina								—											—				179
	Kadugli	01	8	20	1	1	4	4	8	29	59													187
S. Sûdân	Malakâl	11	8	14	3	1	7	9	9	27	79													176
	Wâu																							177
	Juba	02	8	12	2	1	8	8,4	9	30	59													173

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.	Temp. Dry Bulb °C	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												—		—				
	Matrûh	00	9	30	4	0	0	—	11.8	+1.0	27.1	30	+2	26	+4	66	0	55	161
	Mariut	01	8	28	4	0	3	6	9		27	31	—	26	—	71	0	139	138
	Alexandria	01	9	02	5	1	4	8	9.6	-0.7	27.2	32	+2	25	+1	69	0	106	186
	Damietta	00	8	28	2	1	2	8	8.4	-0.8	26.5	31	—	21	—	79	0	32	106
	Port Sa'îd	00	7	32	2	0	0	—	8.7	0.0	26.8	34	+2	24	0	71	0	27	81
	El 'Arîsh																	47	94
Lower Egypt	Damanhûr	01	7	28	3	1	4	8	9.1	-0.8	27.2	33	0	21	+1	75	0	84	101
	Mansûra	01	8	24	1	1	3	8	8.7	-0.8	26.8	35	0	22	+1	71	0	15	55
	Tanta	01	8	00	0	1	5	8	9.0	-1.0	28.0	35	0	19	-1	75	0	8	44
	Zagazig	00	6	24	2	0	0	—	9.6	-0.7	28.6	36	+1	21	+1	69	0	24	27
	Shebîn el Kôm	00	8	28	2	0	1	8	9.9	-0.1	25.9	36	—	21	—	71	0	9	
Middle Egypt	Cairo Almaza	01	7	26	1	0	3	8	9.6	-0.3	25.8	35	—	22	—	62	0	14	—
	Cairo Ezbekîya	05	6	00	0	0	2	6	9.6	-0.3	26.3	35	0	23	+1	73	0	13	26
	Cairo Gîza	05	6	00	0	0	2	8	10.2	+0.4	26.0	35	+1	20	0	72	0	20	27
	Helwân	05	6	00	0	0	0	—	10.0	+0.2	24.7	35	0	21	0	74	0	6	29
	Suez	00	9	30	1	0	0	—			27.8	38	+2	24	+1	54	0	4	17
Upper Egypt	Faiyûm	00	8	30	1	0	0	—	9.8	-0.1	27.4	37	+1	21	0	62	0	8	8
	Minya	00	9	32	2	0	0	—	9.0	-0.2	28.3	37	+1	23	+2	56	0	dr.	—
	Asyût	00	7	28	1	0	0	—	9.8	+1.0	26.2	38	+1	22	-1	54	0	0	4
	Nag Hamâdi	00	8	24	1	0	0	—	7.6	-0.2	28.8	40	—	24	—	49	0	0	
	Qena	00	7	24	2	0	0	—	7.2	-0.2	33.6	44	+4	26	+2		0	dr.	—
	Luxor	00	9	22	1	0	0	—	6.8	-0.4	34.0	44	+3	25	+2	31	0	dr.	—
	Aswân	00	9	30	1	0	0	—	6.2	-1.2	31.0	43	+2	29	+3	29	0	dr.	—
Western Desert	Sîwa	00	7	00	0	0	0	—	11.5	-0.6	25.8	40	+2	23	+3	78	0	2	8
	Baharîya	00	8	32	2	0	0	—	9.8	-1.0	26.0	37	+1	22	+2	69	0	dr.	7
	Khârga	00	9	32	2	0	0	—			30.2	40	+1	26	+3	25	0	dr.	—
	Dâkhla	00	8	00	0	0	0	—	10.0	+0.5	30.5	40	+1	27	+4	36	0	dr.	—
Red Sea	Tôr	00	7	28	4	0	0	—	6.0	-0.5	28.7	33	-1	23	-1	74	0	2	13
	Hurghâda	00	7	28	5	0	0	—	5.9	-0.9	30.4	36	+1	25	0	50	0	dr.	3
	Quseir	00	8	32	2	0	0	—	5.6	-1.0	32.0	34	0	29	+2	41	0	dr.	4
	Port Sûdân	00	8	20	3	0	2	4	5		38			28		42	0	166	103
North Sûdân	Wâdi Halfa	00	8	02	3	0	0	—	7		31					24	0	4	—
	Kareima	00	8	22	2	0	0	—	8		31			27		46	0	7	18
	'Atbara	00	7	20	3	1	3	1	8		29			27		49	0	55	44
	Khartûm	00	8	20	5	1	2	4	10		27			22		70	1	80	106
	Kassala	01	8	22	3	1	3	6,4	11		26			21		74	0	95	210
Central Sûdân	Wad Medani																13	232	271
	Renk												—		—		—	—	359
	Roseires																10	610	539
	El Obeid	02	9	14	2	9	8	4	11		23			19		89	29	326	230
	El Fâsher								—	—								110	208
	Geneina								—	—			—		—		—	—	372
	Kadugli	02	8	04	2	2	6	4	14		21		—		—	100	—	—	538
S. Sûdân	Malakâl	82	5	16	3	6	8	6	14		21			15		100	31	585	601
	Wâu																0	872	834
	Juba	02	7	18	2	1	8	6,4	15		23			21		89	dr.	915	792

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

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

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	12 h. 30 m.	h. m.	12 h. 45 m.	h. m.	h. m.	13 h. 15 m.	12 h. 30 m.	h. m.	h. m.	h. m.	h. m.	h. m.
		03 30 30		03 34 30			03 30 15	03 32 25					
		06 29 25		06 36 40			06 27 15	06 31 15					
		09 36 30		09 01 45			09 26 30	15 30 05					
				15 01 35			15 36 15	21 30 10					
				21 35 40			21 34 20	30 23 02					
				24 35 40			30 20 40	39 15 20					
				30 34 30				45 14 30					
				33 34 15									

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

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

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.
										03 01 10	
										06 02 15	
										09 05 10	
										15 28 15	
										18 31 05	

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7 h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
06 20 15					
09 20 05					
15 20 50					
21 21 50					
30 21 10					

CYPRUS SYNOPTIC 8h ON 16th
84710 00981 08211 06292 30406 00224

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	1947	1946
16-8	5060	10390
15-8	4954	10382

Station	Mean of day Humidity % on 15th	Diff from normal	Wet Bulb Temp °C on 15th	Diff from normal
Alexandria	69	-4	23.5	+0.2
Ezbekiya	63	+2	23.3	+0.5
Giza	63	0	24.0	+1.7
Helwân	56	+5	21.4	+0.7

GÎZA — GRASS MINIMUM TEMP ON 16th °C

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

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	16-8-47	13.96	+0.21	14.26	+0.52
Nâsser		10.06	+0.26	10.02	+0.24
Malakâl		11.77	-0.01	11.74	-0.03
J. Aulia Res.		376.58	—	376.52	—
J. Aulia D.S		375.13	+0.14	374.95	0.00
Roseires		20.18	+0.95	20.82	+1.62
Sennar Res.		17.21	—	17.21	—
Khartûm		15.70	+0.36	15.42	+0.13
Kh. el Girba		13.92	-0.42	13.95	-0.39
'Atbara		14.60	-0.14	14.58	-0.12
Kajnarti		139.74	-0.81	139.29	-1.11
Aswân Res.		98.50	—	98.50	—
Aswân D.S		90.00	-1.20	89.92	-1.18
Roda (Cairo)		16.67	-0.71	16.65	-0.59

Upper Air Temp at G.M.T. on — Almâza			
Height (feet)	P.P.P (m.b.)	TT (°F)	tt (°F)
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

WIND FORCE (F)

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

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

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 h. 23 m.
Sunset 18 h. 35 m.

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

DAILY WEATHER REPORT

At 14h. on SATURDAY 16th — الساعة ١٤ يوم السبت ١٦ / At 20h. on 16th — الساعة ٢٠ يوم 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	01	9	30	5	1	3	8	11.8	28.0	60	0	00	8	32	4	0	0	—	11.8	26.6	79	0	131
MARIUT	01	8	28	4	1	4	6	8	29	70	0	01	7	30	2	2	4	6	9	26	89	0	150
ALEXANDRIA	01	9	26	5	2	4	4	8.8	28.6	69	0	01	5	30	5	2	4	8	9.9	26.3	85	0	132
DAMIETTA	00	7	28	3	1	2	8	7.9	29.5	71	0	00	7	28	1	0	0	—	7.9	26.0	90	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	7.9	31.1	57	0	00	8	30	2	0	0	—	8.2	26.3	80	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	8.0	29.6	68	0	00	9	00	0	0	0	—	7.4	27.4	76	0	135
LOWER EGYPT: DAMANHÛR	00	7	28	3	1	0	—	8.3	31.6	52	0	00	7	28	3	1	0	—	9.2	25.6	72	0	136
MANSÛRA	01	8	24	1	1	4	8	7.6	32.8	50	0	00	6	28	2	1	0	—	8.4	26.8	77	0	137
TANTA																							138
ZAGAZIG	00	6	32	2	0	0	—	7.6	32.2	51	0	00	6	32	2	0	0	—	8.7	25.4	75	0	139
SHEBÎN EL KÔM	01	8	30	3	1	4	8	7.2	33.9	46	0	00	7	30	2	0	0	—	8.8	26.6	74	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	28	1	0	0	—	7.8	32.1	39	0	00	7	30	2	0	0	—	8.0	28.8	59	0	141
CAIRO EZBEKÎYA	00	8	30	3	0	0	—	7.7	32.2	46	0	00	6	28	3	0	0	—	8.3	28.3	56	0	—
CAIRO GÎZA	00	7	32	2	0	0	—	7.8	33.2	44	0	00	6	28	3	0	0	—	8.7	26.9	76	0	—
HELWÂN	00	7	30	4	0	0	—	7.5	32.2	38	0	00	7	30	3	0	0	—	8.0	29.2	54	0	143
SUEZ	00	9	32	1	0	0	—		33.6	32	0	00	9	30	1	0	0	—		33.1	40	0	144
UPPER EGYPT: FAIYÛM	00	8	32	1	0	0	—	7.0	34.0	33	0	00	8	30	2	0	0	—	8.3	29.2	51	0	153
MINYA	00	9	32	2	0	0	—	7.4	34.3	32	0	00	9	32	2	0	0	—	9.0	30.0	47	0	154
ASYÛT	00	8	26	2	0	0	—	6.5	34.8	24	0	00	6	30	1	0	0	—	7.8	29.5	37	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	4.7	36.0	29	0	00	8	24	1	0	0	—	6.4	29.8	40	0	164
QENA	00	8	24	2	0	0	—	3.4	42.2	17	0	00	6	24	2	0	0	—	5.2	33.8	30	0	156
LUXOR	00	9	26	3	0	0	—	3.1	42.0	18	0	00	8	30	3	0	0	—	4.8	34.2	28	0	157
ASWÂN	00	9	30	1	0	0	—	4.2	41.0	18	0	00	9	00	0	0	0	—	4.3	38.0	16	0	158
WESTERN DESERT: SÎWA	00	8	04	2	0	0	—	12.2	36.0	25	0	00	—	04	2	0	0	—	11.9	30.8	46	0	148
BAHARÎYA	00	8	32	1	0	0	—	8.2	35.0	28	0	00	7	32	2	0	0	—	9.2	30.0	47	0	149
KHÂRGA	00	9	32	2	0	0	—		37.2	17	0	00	9	00	0	0	0	—		34.1	21	0	151
DAKHLA	00	9	28	1	0	0	—	7.5	35.3	22	0	00	8	00	0	0	0	—	9.0	33.8	24	0	152
RED SEA: TÔR	00	7	28	5	0	0	—		32.5	59	0	00	7	28	3	0	0	—	5.1	31.9	66	0	145
HURGHÂDA	00	7	32	5	0	0	—	3.9	33.4	52	0	00	7	30	4	0	0	—	4.8	31.6	49	0	146
QUSEIR	00	8	32	2	0	0	—	4.0	32.2	55	0	00	8	30	2	0	0	—	5.0	30.2	52	0	147
PORT SÛDÂN	00	8	10	3	1	2	4	1	41	40													208
NORTH SÛDÂN: WÂDI HALFA	00	8	28	3	0	0	—	4	42	09													165
KAREIMA	00	8	00	0	0	0	—	5	41	13													166
'ATBARA	00	7	20	3	0	0	—	4	38	21													167
KHARTÛM	01	8	16	4	1	3	8,4	7	35	37													209
KASSALA	01	8	18	3	1	4	8,4	6	34	44													170
CENTRAL SÛDÂN: WAD MEDANI	01	8	18	5	1	4	4	8	30	59													171
RENK	02	9	20	3	2	8	8		26	94													182
ROSEIRES																							172
EL OBEID	02	9	19	3	1	8	6,4	8	28	66													174
EL FÂSHER	02	8	10	5	1	6	7,4	—	26	70									—				175
GENEINA	02	8	00	0	1	6	8,5	—	27	70									—				179
KADUGLI																							187
S. SÛDÂN: MALAKÂL	81	7	17	3	6	5	9	12	25	70													176
WÂU																							177
JUBA	21	8	00	0	8	8	6,4	13	23	89													173

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 12 h. 30 m.	ALMÂZA h. m.	MINYA 12 h. 30 m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA h. m.	KHARTÛM 13 h. m.	KASSALA 13 h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
		03 33 15		03 32 30			03 33 20		06 19 20	06 20 10			
		06 31 15		06 32 15			06 23 25		09 20 25	09 20 10			
		09 25 05		09 34 20			09 33 25		15 29 10	15 21 15			
		15 27 15		15 33 30			15 31 20		21 06 20	21 21 15			
		21 30 15		21 31 25			21 25 20		30 10 30	30 19 20			
		30 27 15		24 31 20			30 22 25						
		39 27 05		30 29 20									
		48 24 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	1947	1946
	17th.	5454	10775
	16th.	5060	10390

Station	Mean of day: Humidity % on 16th.	Diff from normal	Wet Bulb Temp °C on 16th.	Diff from normal
Alexandria	75	+2	24.0	+0.7
Ezbekiya	60	-1	23.2	+0.4
Gîza	69	+6	23.4	+1.1
Helwân	61	+10	22.1	+1.4

GÎZA — GRASS MINIMUM TEMP ON 17th. °C

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

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17th.			13.96	+0.21
Nâsser		10.07	+0.26	10.06	+0.26
Malakâl		11.80	+0.01	11.77	-0.01
J. Aulia Res.		376.70	—	376.58	—
J. Aulia D.S		375.26	+0.24	375.13	+0.14
Roseires		19.98	+0.73	20.18	+0.95
Sennar Res.		17.19	—	17.21	—
Khartûm		15.90	+0.53	15.70	+0.36
Kh. el Girba		14.30	-0.05	13.92	-0.42
'Atbara		14.74	-0.03	14.60	-0.14
Kajnarti		139.84	-0.81	139.74	-0.81
Aswân Res.		98.50	—	98.50	—
Aswân D.S		90.26	-1.04	90.00	-1.20
Roda (Cairo)		16.69	-0.79	16.69	-0.71

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

At 8h. on SUNDAY 17th — الساعة ٨ يوم الأحد ١٧

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs (PPP)	Diff from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C	Max. Diff from normal °C	Min. Today °C	Min. Diff from normal °C	% Humidity	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms
MEDITERRANEAN: SALÛM												—		—				99
MATRÛH	01	9	30	4	1	3	8	11.2	+0.4	26.9	28	0	25	+3	69	0	55	161
MARIUT	01	7	28	2	1	4	6	9		27	30	—	25	—	79	0	139	138
ALEXANDRIA	01	9	30	3	2	4	4	9.5	-0.9	27.0	30	0	25	+2	75	0	106	186
DAMIETTA	01	6	00	0	1	4	8	8.6	-0.7	27.9	30	—	21	—	78	0	32	106
PORT SA'ÎD	01	8	30	2	1	4	6	8.3	-0.5	28.0	32	0	24	0	68	0	27	81
EL 'ARÎSH	00	9	16	1	0	0	—	8.4	-0.9	28.1	31	0	20	-1	70	0	47	94
LOWER EGYPT: DAMANHÛR	01	7	28	3	1	4	8	9.2	-0.7	25.4	32	-1	20	0	78	0	84	101
MANSÛRA	01	8	02	1	1	3	6	8.7	-0.9	28.0	34	-1	22	+1	76	0	15	55
TANTA																	8	44
ZAGAZIG	00	6	32	2	0	0	—	8.8	-1.6	27.2	33	-2	20	0	72	0	24	27
SHEBÎN EL KÔM	01	8	28	2	1	4	8	9.4	-0.7	27.1	35	—	23	—	78	0	9	—
MIDDLE EGYPT: CAIRO ALMAZA	01	7	02	1	1	4	6	8.5	-1.5	25.4	34	—	22	—	82	0	14	—
CAIRO EZBEKÎYA	09	5	26	1	1	6	8	9.5	-0.5	27.2	34	-1	24	+2	74	0	13	26
CAIRO GÎZA	09	5	30	1	2	6	9	9.8	-0.1	27.0	34	0	21	+1	77	0	20	27
HELWÂN	05	6	30	2	1	5	8	9.1	-0.8	25.9	33	-2	22	+1	78	0	5	29
SUEZ	00	9	32	1	0	0	—			27.8	36	0	23	0	65	0	4	17
UPPER EGYPT: FAIYÛM	02	8	32	1	2	5	8	9.0	-1.0	26.4	35	-1	21	0	77	0	8	8
MINYA	01	8	32	2	1	4	8	9.2	-0.1	26.5	35	-1	22	+1	72	0	dr.	—
ASYÛT																	0	4
NAG' HAMÂDI												—		—			0	—
QENA	00	7	22	3	0	0	—	6.8	-0.7	28.0	44	+4	25	+1	53	0	dr.	—
LUXOR	00	9	22	2	0	0	—	6.6	-0.7	35.0	43	+2	23	[illegible]	28	0	dr.	—
ASWÂN	00	9	32	1	0	0	—	7.4	-0.1	31.0	43	+2	27	+1	32	0	dr.	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	12.6	+0.4	25.8	37	-1	21	+1	70	0	2	8
BAHARÎYA	01	8	32	2	1	4	8	10.3	-0.5	24.5	35	-1	21	+1	72	0	dr.	7
KHÂRGA	00	9	32	1	0	0	—			29.5	39	0	25	+2	37	0	dr.	—
DÂKHLA	00	8	00	0	0	0	—	10.3	+0.7	28.8	38	-1	25	+2	50	0	dr.	—
RED SEA: TÔR	00	7	00	0	0	0	—	6.7	+0.1	28.4	32	-2	22	-2	63	0	2	13
HURGHÂDA	00	7	28	4	0	0	—	5.5	-1.4	29.6	35	0	24	-1	51	0	dr.	3
QUSEIR	00	8	32	2	0	0	—	5.8	-0.8	31.4	33	-1	29	+2	42	0	dr.	4
PORT SÛDÂN	00	7	26	4	0	1	4	4		38			29		42	0	156	103
NORTH SÛDÂN: WÂDI HALFA																0	tr.	—
KAREIMA	00	8	20	3	0	3	4	9		32			28		41	0	7	18
'ATBARA	01	7	20	4	1	4	4,1	9		30			28		55	0	55	45
KHARTÛM	01	8	18	5	1	4	8,4	11		27					70	0	50	108
KASSALA																8	107	214
CENTRAL SÛDÂN: WAD MEDANI	01	9	18	5	1	4	3	10		26					70	0	232	276
RENK												—		—		—	—	364
ROSEIRES	02	7	28	1	2	6	6	13		22					100	0	610	546
EL OBEID	01	9	16	4	0	4	8,4	11		23			21		84	0	326	234
EL FÂSHER	01	8	00	0	6	3	4	—	—	24			22		74	tr.	110	213
GENEINA	02	8	00	0	1	6	6	—	—	21		—	16	—	94	—	—	380
KADUGLI	02	8	12	2	2	6	4	12		23		—		—	94	—	—	543
S. SÛDÂN: MALAKÂL																tr.	585	607
WÂU																0	872	841
JUBA																7	922	797

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 h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD 6 h. 30 m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
									06 23 25	03 21 10	09 22 15
									09 23 25	06 23 20	15 18 20
									15 24 05	09 34 25	21 13 15
									21 35 10	15 01 05	
									24 36 15	21 36 15	
									30 35 20	24 03 20	
									33 35 20	30 07 15	
									45 29 15	33 07 10	
									60 24 15	39 11 10	

KASSALA h. m.	PORT SÛDÂN 7 h. m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKAL h. m.
	03 25 20		09 21 20	09 26 05	
	06 25 30		15 22 05	15 11 15	
	09 26 30		21 xx 10		
	15 28 20		24 08 20		
	21 31 25		30 07 60		
	24 31 25		33 07 40		
	30 33 30				
	33 34 30				

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			

CYPRUS SYNOPTIC 8h ON 17th.

34700 00990 08210 07311 50004 00200
34800 00990 26200 07291 40300 00220

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise 05 23 h. m.
Sunset 18 34

Month AUGUST 1947

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٧

At 14h. on SUNDAY 17th. — الساعة ١٤ يوم الأحد ١٧ — At 20h. on 17th. — الساعة ٢٠ يوم الأحد ١٧

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	—	11.1	28.7	63	0	00	8	26	3	0	0	—	10.3	26.8	74	0	131
	MARIUT	00	8	29	4	0	1	6	8	28	79	0	01	7	29	3	0	3	6	9	26	74	0	150
	ALEXANDRIA	01	9	02	5	2	4	8	8.2	28.4	69	0	01	5	02	4	2	4	8	9.6	25.0	87	0	132
	DAMIETTA	00	8	28	3	1	2	8	7.6	29.9	75	0	00	7	28	1	1	0	—	7.6	26.2	90	0	159
	PORT SAʿÎD	00	8	30	3	0	1	8	7.6	31.9	59	0	00	8	28	2	0	0	—	8.2	27.1	82	0	134
	EL ʿARÎSH	00	9	32	3	0	0	—	7.4	29.8	68	0	01	9	00	0	1	5		7.5	28.5	82	0	135
LOWER EGYPT	DAMANHÛR	00	7	28	3	1	0	—	8.8	30.8	48	0	00	7	28	2	0	0	—	8.4	25.4	74	0	136
	MANSÛRA	01	8	02	2	1	4	6	8.6	35.0	46	0	00	6	04	2	1	0	—	9.0	26.8	78	0	137
	TANTA																							138
	ZAGAZIG	00	6	24	2	0	0	—		34.2	48	0	00	6	32	2	0	0	—	7.6	27.4	74	0	139
	SHEBÎN EL KÔM	01	8	28	3	1	4	8	8.0	36.2	43	0	00	7	28	2	1	0	—	7.7	25.9	76	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	29	1	0	3	8	6.5	32.8	48	0	00	7	32	2	0	0	—	7.7	29.8	60	0	141
	CAIRO EZBEKÎYA	00	8	28	2	1	3	8	7.9	34.1	39	0	00	6	30	3	0	0	—	8.0	29.1	64	0	—
	CAIRO GÎZA	00	8	28	3	1	1	8		33.6	40	0	00	6	30	3	0	0	—		28.0	70	0	—
	HELWÂN	00	7	30	3	0	2	8	6.3	33.3	37	0	00	7	30	5	0	0	—	7.5	30.0	54	0	143
	SUEZ	00	9	32	1	0	0	—		33.8	36	0	00	9	32	1	0	0	—		29.8	56	0	144
UPPER EGYPT	FAIYÛM	00	8	32	1	0	0	—	6.0	34.6	30	0	01	8	32	3	1	4	8	6.8	32.0	42	0	153
	MINYA	00	9	32	2	1	0	—	7.9	34.3	32	0	00	9	00	0	0	0	—		30.9	43	0	154
	ASYÛT	00	8	28	1	0	0	—	7.4	34.0	34	0	00	6	26	1	0	0	—	7.4	30.0	41	0	155
	NAGʿ HAMÂDI	00	8	24	1	0	0	—	5.9	35.0	33	0	00	8	00	0	0	0	—	6.7	27.7	58	0	164
	QENA	00	8	24	2	0	0	—	4.7	39.0	29	0	00	6	24	2	0	0	—	4.8	33.2	36	0	156
	LUXOR	00	9	30	3	0	0	—	4.2	39.3	17	0	00	8	26	2	0	0	—	5.1	32.0	33	0	157
	ASWÂN	00	9	16	1	0	0	—	4.8	41.0	18	0	00	9	32	2	0	0	—	6.2	38.2	15	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	11.8	34.8	50	0	00	—	00	0	0	0	—	10.4	32.2	55	0	148
	BAHARÎYA	00	8	32	2	0	0	—	7.8	33.0	39	0	00	7	08	1	0	0	—	8.0	31.0	37	0	149
	KHÂRGA	00	9	32	2	0	0	—		35.7	20	0	00	9	00	0	0	0	—	—	31.0	31	0	151
	DAKHLA	00	9	28	2	0	0	—	7.8	34.2	27	0	00	8	28	1	0	0	—	7.6	32.1	29	0	152
RED SEA	TÔR	00	7	28	5	0	0	—	4.0	31.8	66	0	00	7	28	3	0	0	—	3.2	30.9	67	0	145
	HURGHÂDA	00	7	20	4	0	0	—	3.5	32.6	39	0	00	7	28	2	0	0	—	4.4	31.1	51	0	146
	QUSEIR	00	8	32	2	0	0	—	5.2	31.7	68	0	00	8	30	1	0	0	—		30.3	59	0	147
	PORT SÛDÂN																							208
NORTH SÛDÂN	WÂDI HALFA	00	8	30	3	0	0	—	5	41	14													165
	KAREIMA	01	8	26	3	1	5	4	5	40	17													166
	ʿATBARA	01	7	20	2	0	5	4,1	6	37	31													167
	KHARTÛM	00	8	22	4	2	2	8,4	7	34	41													209
	KASSALA	00	8	20	3	1	3	8,4	7	32	52													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	18	5	1	4	4	8	30	59													171
	RENK																							182
	ROSEIRES																							172
	EL OBEID	01	9	16	3	1	4	8	7	29	59													174
	EL FÂSHER	01	8	00	0	1	3	8,1	—	32	43									—				175
	GENEINA	01	8	28	2	1	3	8	—	29	59									—				179
	KADUGLI	02	8	12	2	2	6	4	10	26	79													187
S. SÛDÂN	MALAKÂL	01	8	16	2	1	4	8,4	9	31	55													176
	WÂU																							177
	JUBA	02	8	30	2	1	5	6	10	29	59													173

At 8h. on MONDAY 18th. — الساعة ٨ يوم الأثنين ١٨

Region	STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max Diff from norm °C	Minimum Today °C mm	Min Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				99
	MATRÛH	00	9	24	2	0	0	—	10.8	-0.1	26.4	29	+1	22	0	79	0	55	161
	MARIUT	00	8	27	3	0	3	6	9		26	29	—	24	—	79	0	139	138
	ALEXANDRIA	01	9	28	4	2	4	4	9.8	-0.7	27.0	30	0	24	+1	72	0	106	186
	DAMIETTA	00	8	18	2	1	1	8	8.6	-0.8	26.9	31	—	20	—	84	0	32	106
	PORT SAʿÎD	01	8	22	2	1	4	4	9.0	+0.1	27.9	33	+1	25	+1	76	0	27	81
	EL ʿARÎSH	01	9	20	2	1	3	3	8.8	-0.6	29.1	30	-1	23	+2	76	0	47	94
LOWER EGYPT	DAMANHÛR	00	7	28	3	0	0	—	9.2	-0.8	25.8	31	-2	21	+1	75	0	84	101
	MANSÛRA	01	8	30	1	1	3	6	9.5	-0.2	27.2	36	+1	21	0	75	0	15	55
	TANTA																	8	44
	ZAGAZIG	00	6	32	2	0	0	—	9.2	-1.3	29.2	34	-1	19	-1	68	0	24	27
	SHEBÎN EL KÔM	01	8	30	2	1	4	8	9.9	-0.3	28.2	37	—	22	—	68	0	9	—
MIDDLE EGYPT	CAIRO ALMAZA	02	7	00	0	2	6	6	9.5	-0.6	25.0	36	—	22	—	80	0	14	—
	CAIRO EZBEKÎYA	02	6	28	1	2	6	8	9.4	-0.7	27.7	35	0	23	+1	70	0	13	26
	CAIRO GÎZA	02	6	32	1	1	7	8	10.0	0.0	28.4	34	0	22	+2	68	0	20	27
	HELWÂN	09	6	00	0	1	4	6	10.0	0.0	24.9	34	-1	23	+2	76	0	5	29
	SUEZ	01	9	32	1	1	4	5			27.4	36	0	24	+1	70	0	4	17
UPPER EGYPT	FAIYÛM	01	8	32	1	1	3	8	9.8	-0.3	25.8	36	0	22	+1	73	0	8	8
	MINYA	01	8	32	2	1	3	8	9.1	-0.3	26.6	35	-1	23	+2	68	0	dr.	—
	ASYÛT	00	7	22	1	0	0	—	9.2	+0.2	27.8	35	-1	23	0	65	0	0	4
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	8.0	0.0	29.6	36	—	21	—	58	0	0	—
	QENA	00	7	24	2	0	0	—	7.0	-0.6	31.5	40	0	25	+1	44	0	dr.	—
	LUXOR	00	9	22	1	0	0	—	6.8	-0.6	35.0	40	-1	24	+1	32	0	dr.	—
	ASWÂN	00	9	28	2	0	0	—	7.6	0.0	32.0	41	0	27	+1	37	0	dr.	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	11.1	-1.1	26.3	37	-1	20	0	67	0	2	8
	BAHARÎYA	00	8	32	1	0	0	—	9.2	-1.7	24.8	35	-1	21	+1	69	0	dr.	7
	KHÂRGA	00	9	32	1	0	0	—			30.0	37	-2	23	0	36	0	dr.	—
	DÂKHLA	00	8	28	1	0	0	—	10.3	+0.6	28.0	36	-3	23	0	43	0	dr.	—
RED SEA	TÔR	00	7	28	6	0	0	—	6.4	-0.3	28.8	34	0	22	-2	76	0	2	13
	HURGHÂDA	00	8	28	5	0	0	—	5.9	-1.1	29.9	35	0	24	-1	60	0	dr.	3
	QUSEIR	00	8	32	1	0	0	—	5.8	-0.9	31.8	33	-1	28	+1	39	0	dr.	4
	PORT SÛDÂN	00	8	30	1	1	0	—	5		36			27		47	0	156	104
NORTH SÛDÂN	WÂDI HALFA	00	8	02	1	0	0	—	8		29			26		31	0	tr.	—
	KAREIMA																0	7	19
	ʿATBARA	00	7	22	3	0	2	4	8		32			28		46	0	55	47
	KHARTÛM	01	8	20	4	0	4	6,4	9		31			27		29	0	50	110
	KASSALA	01	8	14	3	1	5	4,1	10		27			24		74	0	107	218
CENTRAL SÛDÂN	WAD MEDANI																1	233	281
	RENK												—		—		—	—	368
	ROSEIRES																8	618	553
	EL OBEID	01	9	16	4	1	3	8,1	11		24			22		84	0	326	238
	EL FÂSHER	01	8	16	3	1	4	4	—	—	24			23		89	0	110	217
	GENEINA	02	8	00	0	1	6	6,4	—	—	21		—	19	—	100	—	—	388
	KADUGLI	02	8	12	1	2	6	4	13		23		—		—	89	—	—	548
S. SÛDÂN	MALAKÂL	01	8	18	2	1	3	6,4	13		22			19		100	7	618	613
	WÂU	02	8	00	0	1	6	4	14		22			20		88	0	872	848
	JUBA																0	922	801

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 SAʿÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. m.	12h. 30m.	h. m.	13h. m.	13h. m.	13h. m.	h. m.
							03 32 15	03 23 10		06 22 15	06 20 30	06 17 30	
							06 34 15	06 25 10		09 01 15	09 21 20	09 16 30	
							09 33 20	09 25 15		15 30 20	15 19 20	15 21 20	
							15 01 15	15 27 15		21 20 20		21 22 20	
							21 28 15	21 33 10					
							30 23 30	33 11 15					
							39 21 30	39 11 15					
							45 22 30						

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 SAʿÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7h. m.	6h. 30m.	h. m.	7h. m.
								03 02 10	06 36 35		06 22 30
								06 01 40	09 35 40		09 22 35
								09 02 40	15 34 25		15 25 15
								15 28 30	21 32 20		21 01 25
								21 29 40	30 30 25		30 04 30
									39 08 10		39 08 40
									45 05 20		

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7h. 15m.	7h. 15m.	7h. 30m.	h. m.	7h. 15m.	7h. 15m.
06 20 50	03 23 10	06 21 25		09 24 05	09 24 40
09 22 40	06 25 15	09 21 30		15 32 10	15 26 40
15 24 20	09 28 05	15 17 20		21 35 10	21 24 10
21 10 15	15 02 05	21 10 20		30 06 30	
30 18 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 17th.	Diff from normal	Wet Bulb Temp °C on 17th.	Diff from normal
Alexandria	70	-3	23.6	+0.4
Ezbekîya	64	-7	23.9	+1.1
Gîza	69	+6	23.9	+1.6
Helwân	63	+12	23.0	+2.3

GÎZA — GRASS MINIMUM TEMP ON °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
18th.	5772	10891
17th.	5454	10775

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Diff from normal
	1947	m.	m.	m.	m.
Jûba	18th.	13.83	+0.08	13.82	+0.07
Nasser		10.09	+0.27	10.07	+0.26
Malakâl		11.81	+0.01	11.80	+0.01
J. Aulia Res.		376.60	—	376.70	—
J. Aulia D.S		375.55	+0.49	375.26	+0.24
Roseires		20.94	+1.68	19.98	+0.73
Sennar Res.		17.22	—	17.19	—
Khartûm		15.97	+0.57	15.90	+0.53
Kh. el Girba		14.25	-0.10	14.30	-0.05
ʿAtbara		14.95	+0.12	14.74	-0.03
Kajnarti		140.45	-0.35	139.84	-0.81
Aswân Res.		98.50	—	98.50	—
Aswân D.S		90.52	-0.86	90.26	-1.04
Roda (Cairo)		16.76	-0.87	16.69	-0.79

CYPRUS SYNOPTIC 8h ON 18th.
34700 00990 00010 06291 60300 00200

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			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Sunset H. M. 18 33 — Month AUGUST 1947 — شهر أغسطس ١٩٤٧

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)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	32	1	0	0	—	11.0	29.6	67	0
MARIUT	00	7	29	3	0	0	—	9	30	59	0
ALEXANDRIA	00	9	30	4	0	0	—	9.8	29.7	55	0
DAMIETTA	00	8	28	3	1	2	8	8.3	29.7	63	0
PORT SA'ÎD	00	8	30	4	0	0	—	8.6	31.6	62	0
EL 'ARÎSH	00	9	30	3	0	0	—	8.3	29.9	74	0
LOWER EGYPT											
DAMANHÛR	00	7	28	3	0	0	—	8.7	31.2	52	0
MANŞÛRA	01	8	28	2	1	4	8	8.8	33.8	42	0
TANTA											
ZAGAZIG	00	6	32	2	0	0	—		32.4	51	0
SHEBÎN EL KÔM	00	8	28	3	1	2	8	9.4	34.4	43	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	8	32	2	0	0	—	8.3	32.9	41	0
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	8.8	33.8	39	0
CAIRO GÎZA	00	8	28	2	0	0	—	9.2	33.2	41	0
HELWÂN	00	8	26	3	0	0	—	8.0	32.8	32	0
SUEZ											
UPPER EGYPT											
FAIYÛM	00	8	02	1	0	0	—	7.8	33.7	32	0
MINYA	00	9	32	3	1	0	—	8.0	33.5	36	0
ASYÛT	00	8	26	2	0	0	—	7.8	35.1	28	0
NAG' HAMÂDI	00	8	24	1	0	0	—	5.9	35.9	32	0
QENA	00	8	24	2	0	0	—	5.8	40.0	22	0
LUXOR	00	9	28	2	0	0	—	4.7	39.0	22	0
ASWÂN	00	9	32	1	0	0	—	4.0	40.0	18	0
WESTERN DESERT											
SÎWA	00	8	28	2	0	0	—	11.0	38.0	44	0
BAHARÎYA	00	8	32	2	0	0	—	7.9	35.4	31	0
KHÂRGA	00	9	32	3	0	0	—		38.0	16	0
DAKHLA	00	9	28	2	0	0	—	8.6	37.0	19	0
RED SEA											
TÛR	00	7	28	5	0	0	—	7.2	31.5	70	0
HURGHÂDA	00	7	32	6	0	0	—	3.6	34.3	41	0
QUŞEIR	00	8	02	2	0	0	—	5.4	31.2	73	0
PORT SÛDÂN	00	8	06	4	0	1	8		38	54	
NORTH SÛDÂN											
WÂDI HALFA	00	8	32	3	0	0	—	5	39	16	
KAREIMA	01	8	32	3	0	3	4	4	41	13	
'ATBARA	00	7	24	1	0	1	4	4	39	24	
KHARTÛM	01	8	22	4	1	3	8	5	37	37	
KASSALA	11	8	24	2	1	7	6,5	8	28	74	
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES	01	8	20	1	1	3	5	10	27	70	
EL OBEID	01	9	20	3	1	4	8,4	7	31	52	
EL FÂSHER	01	8	14	4	1	4	8	—	31	49	
GENEINA	02	8	30	3	1	5	6,4	—	27	74	
KADUGLI	02	8	12	1	1	5	4	12	27	79	
S. SÛDÂN											
MALAKÂL	10	8	22	4	8	6	9	10	29	66	
WÂU											
JUBA	02	8	00	0	1	7	8,4	10	30	59	

At 20h. on 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)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	10	1	0	0	—	11.1	27.3	62	0	131
MARIUT	00	7	29	2	0	0	—	10	26	70	0	150
ALEXANDRIA	00	5	28	4	0	0	—	10.8	26.0	67	0	132
DAMIETTA	00	7	28	1	1	2	8	9.2	26.0	85	0	159
PORT SA'ÎD	00	8	26	2	0	2	8	9.8	26.6	77	0	134
EL 'ARÎSH	00	9	30	1	0	0	—	9.6	28.4	79	0	135
LOWER EGYPT												
DAMANHÛR	00	7	24	3	0	0	—	9.9	25.3	78	0	136
MANŞÛRA	00	6	32	2	1	0	—	10.0	26.6	71	0	137
TANTA												138
ZAGAZIG	00	6	32	2	0	0	—		29.2	62	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	9.9	25.6	70	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	30	2	0	0	—	9.7	28.8	51	0	141
CAIRO EZBEKÎYA	00	6	30	3	0	0	—	9.4	29.0	50	0	—
CAIRO GÎZA	00	6	30	3	0	0	—		27.3	58	0	—
HELWÂN	00	7	30	3	0	0	—	9.6	29.0	40	0	143
SUEZ	00	9	02	1	0	0	—		29.8	55	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	1	0	0	—	9.0	30.7	33	0	153
MINYA	00	9	32	2	0	0	—	8.8	31.3	40	0	154
ASYÛT	00	6	28	1	0	0	—	8.3	31.2	36	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	6.7	30.4	38	0	164
QENA	00	6	24	2	0	0	—	5.2	33.2	29	0	156
LUXOR	00	8	26	3	0	0	—	5.6	34.8	24	0	157
ASWÂN												158
WESTERN DESERT												
SÎWA			00	0	0	0	—	9.4	29.4	58	0	148
BAHARÎYA	00	7	00	0	0	0	—	8.0	32.0	37	0	149
KHÂRGA	00	9	32	1	0	0	—		32.3	25	0	151
DAKHLA	00	8	28	1	0	0	—	8.2	29.8	35	0	152
RED SEA												
TÛR	00	7	28	4	0	0	—	4.8	32.4	67	0	145
HURGHÂDA	00	7	28	6	0	0	—	5.9	31.6	50	0	146
QUŞEIR	00	8	28	2	0	0	—	5.4	31.3	44	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 12h.30m.	ALMÂZA h. m.	MINYA h. m.	LUXOR 13h.30m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 12h.45m.	KHARTÛM 13h. m.	KASSALA 12h.45m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
		03 30 20			03 32 15		09 32 30	03 31 05	09 28 10	09 21 25	09 24 30	09 25 15	09 28 05
		06 28 25			06 32 10		15 33 30	06 34 05	15 29 15	15 21 30	15 23 30	15 26 25	15 33 10
		09 27 30			09 35 10		21 31 20	09 35 10	21 03 15	21 23 30	21 11 15	21 26 30	
		12 26 05			12 36 15		24 25 30	15 34 15	27 05 20	24 23 30	27 09 25	24 27 40	
		15 25 10			15 32 15			21 35 15	30 06 30	30 25 25			
		18 28 10						30 32 15	39 09 35	39 29 25			
		21 28 10						39 03 15		45 22 20			
		24 33 20						45 02 10					
								60 10 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	1947	1946
	19-8	6074	10848
	18-8	5772	10891

STATION	Mean of day: Humidity % on 18th	Humidity Diff from normal	Wet Bulb Temp °C on 18th	Wet Bulb Diff from normal	Previous day: Reading	Previous day: Diff. from normal
Alexandria	72	-1	23.2	0.0		
Ezbekîya	55	-6	22.9	+0.1		
Gîza	58	-5	23.0	+0.7		
Helwân	55	+4	21.1	+0.4		

GÎZA — GRASS MINIMUM TEMP. ON 18th °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19-8-47	13.80	+0.05	13.83	+0.08
Nasser		10.10	+0.26	10.09	+0.27
Malakâl		11.81	-0.01	11.81	+0.01
J. Aulia Res.				376.60	—
J. Aulia D.S				375.55	+0.49
Roseires		20.12	+0.85	20.94	+1.68
Sennar Res.		17.20	—	17.22	—
Khartûm		15.98	+0.55	15.97	+0.57
Kh. el Girba		14.00	-0.33	14.25	-0.10
'Atbara		15.20	+0.34	14.95	+0.12
Kajnarti		141.16	+0.26	140.45	-0.35
Aswân Res.		97.50	—	98.60	—
Aswân D.S		90.76	-0.69	90.52	-0.86
Roda (Cairo)		16.90	-0.88	16.76	-0.87

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)	Car Pressure M.S.L. 1000+ mbs. (ppp)	Car 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													—	—				
MATRÛH	18	2	18	6	3	0	—	8.3	-2.7	28.7	30	+2	24	+2	32	0	55	161
MARIUT	00	7	18	1	0	0	—	10		27	30	—	19	—	74	0	139	138
ALEXANDRIA	00	9	22	1	0	0	—	10.0	-0.6	28.0	31	+1	22	-1	68	0	106	186
DAMIETTA	00	7	18	1	0	0	—	9.6	+0.1	27.8	31	—	20	—	83	0	32	106
PORT SA'ÎD	00	8	30	2	0	0	—	9.6	+0.6	27.9	33	+1	25	+1	77	0	27	81
EL 'ARÎSH	00	9	20	1	0	0	—	9.9	+0.4	29.1	31	0	23	+2	69	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	24	3	0	0	—	10.3	+0.2	25.8	32	-1	19	-1	78	0	84	101
MANŞÛRA	00	8	24	1	0	0	—	10.6	+0.8	28.5	35	0	21	0	67	0	15	55
TANTA																	8	44
ZAGAZIG	00	6	24	2	0	0	—	9.9	-0.7	27.4	34	-1	20	0	70	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	0	—	9.8	-0.5	28.6	36	—	21	—	64	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	06	1	0	0	—	9.7	-0.5	27.2	34	—	20	—	67	0	14	—
CAIRO EZBEKÎYA	00	6	30	1	0	0	—	9.4	-0.8	29.5	34	+1	22	0	60	0	13	26
CAIRO GÎZA	00	6	00	0	0	0	—			27.0	34	0	19	-1	71	0	20	27
HELWÂN	05	6	00	0	0	0	—	10.2	+0.1	24.8	34	-1	21	0	71	0	5	29
SUEZ	00	9	02	1	0	0	—			26.4	36	0	23	0	69	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	0	—	10.2	+0.1	27.3	36	0	21	0	62	0	8	8
MINYA	00	9	32	2	0	0	—	9.1	-0.4	26.9	35	-1	22	+1	61	0	dr.	—
ASYÛT																	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	8.3	+0.2	28.7	37	—	21	—	54	0	0	—
QENA	00	7	26	2	0	0	—	7.0	-0.7	31.0	42	+2	25	+1	42	0	dr.	—
LUXOR	00	9	32	3	0	0	—	7.2	-0.3	35.0	40	-1	26	+3	28	0	dr.	—
ASWÂN	00	9	32	2	0	0	—	7.2	-0.4	31.0	40	-1	27	+1	32	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	10.4	-1.9	30.1	40	+2	21	+1	68	0	2	8
BAHARÎYA	00	8	00	0	0	0	—	10.3	-0.7	29.5	36	0	20	0	46	0	dr.	7
KHÂRGA	00	9	32	1	0	0	—			30.2	39	0	23	0	55	0	dr.	—
DAKHLA	00	8	28	2	0	0	—	10.3	+0.5	30.0	38	-1	23	0	30	0	dr.	—
RED SEA																		
TÛR	00	7	28	6	0	0	—	6.3	-0.5	28.8	33	-1	27	+3	63	0	2	13
HURGHÂDA	00	8	28	5	0	0	—	6.3	-0.8	29.2	36	+1	26	+1	54	0	dr.	3
QUSEIR	00	8	30	2	0	0	—	5.9	-0.8	31.0	34	0	27	0	55	0	dr.	4
PORT SÛDÂN	00	8	00	0	0	0	—	5		36			29		50	0	156	104
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	2	0	0	—	8		29			26		31	0	tr.	—
KAREIMA	00	8	02	3	0	1	4	8		34			27		19	0	7	19
'ATBARA	00	8	24	2	0	0	—	8		30			27		49	0	55	49
KHARTÛM	01	8	20	2	1	3	6	9		26			23		84	2	52	113
KASSALA																0	107	222
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	20	3	1	4	3	10		26					79	0	233	286
RENK												—		—		—	—	373
ROSEIRES	02	7	16	1	1	6	9	9		23					94	0	618	560
EL OBEID	02	9	20	2	6	8	4,5	9		23			21		78	1	327	242
EL FÂSHER								—	—							0	110	222
GENEINA								—	—		—	—		—		—	—	396
KADUGLI	02	8	12	1	2	6	4	11		23	—			—	94	—	—	553
S. SÛDÂN																		
MALAKÂL	02	8	16	2	6	5	9	12		24			22		94	1	619	619
WÂU	02	8	00	0	1	6	4	11		23			21		84	0	872	855
JUBA																22	944	805

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7h.45m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM h. m.
								03 35 30	06 35 25	03 36 15	
								06 01 35	09 35 50	06 01 40	
								09 01 35	15 34 20	09 36 30	
								15 33 25	21 30 05	15 33 30	
								21 32 10	30 06 05	21 29 20	
								30 23 15	45 10 10	24 28 15	
								45 23 10	60 09 30		
								60 13 20			

KASSALA h. m.	PORT SÛDÂN 6h.30m.	EL OBEID 6h.45m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
	03 23 10	06 25 15			06 23 30
	06 24 10	09 24 20			09 26 25
	09 32 05	15 26 25			15 26 30
	15 05 10	21 09 40			21 28 40
	21 02 10	27 06 10			30 31 25
	30 36 15				45 04 20
	45 07 35				

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 19th

34800 00990 26100 08271 50402 00190
34700 00990 32100 07281 40006 00170

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise 05 23 h. m.
Sunset 18 32

Month AUGUST 1947

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٧

At 14h. on TUESDAY 19th — الساعة ١٤ يوم ١٩ | 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 8-14h mms	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	26	3	0	0	—	8.8	29.6	72	0	01	8	30	4	1	3	8	10.2	26.9	83	0	131
MARIUT	00	8	31	2	0	0	—	8	29	37	0	00	7	26	2	0	0	—		31	49	0	150
ALEXANDRIA	00	9	32	2	0	0	—	9.0	31.9	50	0	00	5	00	0	0	0	—	9.6	30.2	59	0	132
DAMIETTA	00	8	04	2	0	0	—	9.4	32.0	51	0	00	7	10	1	0	0	—	9.1	28.1	70	0	159
PORT SA'ÎD	00	8	30	1	0	0	—	9.8	33.2	45	0	00	8	28	1	0	0	—	9.6	28.2	65	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	9.5	30.4	65	0	00	9	00	0	0	0	—	9.0	27.8	80	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	30	2	0	0	—	9.6	35.6	40	0	00	7	20	3	0	0	—	9.9	27.8	68	0	136
MANSÛRA	00	8	02	1	0	0	—	9.6	35.4	35	0	00	6	04	1	0	0	—	8.6	27.0	69	0	137
TANTA																							138
ZAGAZIG	44	6	24	2	0	0	—		35.6	36	0	00	6	32	2	0	0	—	8.7	26.2	75	0	139
SHEBÎN EL KÔM	00	8	28	2	0	0	—	9.1	36.6	34	0	00	7	28	2	0	0	—	9.9	29.4	57	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	30	1	0	0	—	9.0	36.1	33	0	00	7	05	2	0	0	—	8.5	33.7	42	0	141
CAIRO EZBEKÎYA	00	8	30	3	0	0	—	9.0	35.3	32	0	00	6	00	0	0	0	—	8.4	30.9	50	0	—
CAIRO GÎZA	00	8	30	3	0	0	—	9.2	35.2	31	0	00	6	00	0	0	0	—	9.0	31.4	50	0	—
HELWÂN												00	6	04	4	0	0	—	8.4	33.3	29	0	143
SUEZ												00	9	32	1	0	0	—	7.6	30.0	53	0	144
UPPER EGYPT																							
FAIYÛM	00	8	00	0	0	0	—	8.8	37.4	24	0	00	8	00	0	0	0	—	7.9	32.8	36	0	153
MINYA	00	9	32	3	0	0	—	8.2	34.9	32	0												154
ASYÛT	00	8	28	2	0	0	—	8.2	37.8	18	0												155
NAG' HAMÂDI	00	8	04	2	0	0	—	6.2	39.0	24	0	00	8	32	2	0	0	—	6.6	35.2	24	0	164
QENA	00	8	26	3	0	0	—	5.6	42.6	11	0	00	6	24	2	0	0	—	5.9	36.0	18	0	156
LUXOR	00	9	32	3	0	0	—	4.4	42.8	11	0	00	8	30	2	0	0	—	6.4	35.5	18	0	157
ASWÂN	00	9	32	2	0	0	—	4.0	39.0	17	0	00	9	00	0	0	0	—	6.2	36.0	17	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	9.8	40.0	18	0	00		00	0	0	0	—	10.8	34.5	47	0	148
BAHARÎYA	00	8	28	3	0	0	—	7.4	39.8	20	0	00	7	00	0	0	0	—	7.8	35.5	25	0	149
KHÂRGA	00	9	02	2	0	0	—		40.0		0	00	9	00	0	0	0	—		33.4	24	0	151
DAKHLA	00	9	28	2	0	0	—	7.9	39.8	13	0	00	8	28	1	0	0	—	8.2	35.2	18	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	6.2	31.9	59	0	00	7	28	4	0	0	—	5.1	35.5	56	0	145
HURGHÂDA	00	8	02	4	0	0	—	5.5	32.7	55	0	00	8	30	6	0	0	—	5.1	34.2	36	0	146
QUSEIR	00	8	02	2	0	0	—	6.4	32.6	55	0	00	8	30	2	0	0	—	5.8	31.6	42	0	147
PORT SÛDÂN	00	8	08	3	0	1	4	1	37	45													208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	01	8	02	3	1	4	8,4	5	41	10													166
'ATBARA	00	8	00	0	0	2	4	3	40	26													167
KHARTÛM	01	8	18	3	1	4	1	5	36	42													209
KASSALA	01	8	16	3	1	5	8	6	33	53													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	24	2	1	4	8	5	35	35													171
RENK																							182
ROSEIRES																							172
EL OBEID	02	9	20	3	1	8	8,4	7	32	46													174
EL FÂSHER	02	8	00	0	1	5	8,4	9	29	52									—				175
GENEINA																			—				179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA																							173

At 8h. on WEDNESDAY 20th — الساعة ٨ يوم الأربعاء ٢٠

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C 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												—		—				
MATRÛH	01	9	28	3	1	3	8	13.2	+2.2	26.4	36	+8	25	+3	78	0	55	161
MARIUT	00	8	26	3	0	0	—			27	40	—	26	—	79	0	139	138
ALEXANDRIA	01	9	30	4	1	4	4	11.5	+0.8	26.7	38	+8	25	+2	75	0	106	186
DAMIETTA	00	8	06	1	0	0	—	8.8	-0.8	29.5	33	—	22	—	70	0	32	106
PORT SA'ÎD	00	8	30	2	0	2	4	9.0	0.0	29.6	34	+2	25	+1	65	0	27	81
EL 'ARÎSH	00	9	16	1	0	0	—	9.1	-0.5	27.9	33	+3	21	0	66	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	20	4	0	2	8	10.4	+0.2	28.0	37	+4	23	+3	68	0	84	101
MANSÛRA	01	8	30	1	1	3	6	9.5	-0.4	28.0	36	+1	24	+3	77	0	15	55
TANTA	02	8	28	5	1	5	8	10.6	+0.1	27.0	38	+4	23	+4	80	0	8	44
ZAGAZIG	01	6	32	2	1	4	8	9.9	-0.8	27.4	39	+4	21	+1	75	0	24	27
SHEBÎN EL KÔM	01	8	28	2	0	4	8	10.4	0.0	28.2	37	—	23	—	74	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	7	26	2	0	5	6	10.2	-0.1	27.0	38	—	25	—	83	0	14	—
CAIRO EZBEKÎYA	01	6	02	3	1	4	8	10.7	+0.4	28.0	37	+2	25	+3	71	0	13	26
CAIRO GÎZA	02	7	30	4	1	5	8			27.1	36	+2	24	+4	77	0	20	27
HELWÂN	01	7	28	3	1	4	0	11.2	+1.0	26.1	38	+3	24	+3	79	0	5	29
SUEZ	00	9	00	0	0	0	—			31.0	37	+1	26	+3	47	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	11.2	+1.0	28.9	39	+3	24	+3	63	0	8	8
MINYA	00	9	32	2	0	0	—	10.2	+0.7	27.9	36	0	23	+2	62	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	10.8	+1.7	30.0	39	+3	24	+1	38	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.2	+1.0	30.3	41	—	24	—	47	0	0	—
QENA	00	7	22	2	0	0	—	8.3	+0.6	32.2	44	+4	27	+3	32	0	dr.	—
LUXOR	00	9	22	2	0	0	—	8.4	+0.8	35.0	44	+3	25	+2	28	0	dr.	—
ASWÂN	00	9	32	2	0	0	—	7.8	+0.1	31.0	42	+1	27	+1	36	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.0	+0.6	26.7					86	0	2	8
BAHARÎYA	00	8	04	1	0	0	—	11.5	+0.4	27.3	41	+5	24	+4	68	0	dr.	7
KHÂRGA	00	9	00	0	0	0	—			31.0	41	+2	25	+2	32	0	dr.	—
DÂKHLA	00	8	28	2	0	0	—	11.0	+1.1	33.0	41	+2	25	+2	21	0	dr.	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	7.2	+0.4	30.3	36	+2	26	+2	70	0	2	13
HURGHÂDA	00	8	30	1	0	0	—	7.4	+0.3	31.1	35	0	25	0	43	0	dr.	3
QUSEIR	00	8	32	2	0	0	—	7.1	+0.3	32.8	34	0	28	+1	45	0	dr.	4
PORT SÛDÂN	00	8	00	0	1	3	4	4		36			31		44	0	156	104
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	3	0	0	—	8		29			26		31	0	tr.	—
KAREIMA	00	8	02	3	0	1	4	8		34			27		19	0	7	20
'ATBARA	00	8	24	2	0	0	—	8		27			27		58	0	55	50
KHARTÛM	01	8	20	2	1	3	6	9		26			23		84	0	52	116
KASSALA																0	107	226
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	18	4	1	4	1	10		26					79	0	233	291
RENK	02	9	20	3	1	8	8	14		24	—			—	94	—	—	377
ROSEIRES	02	7	20	1	1	6	9	13		22					100	1	619	567
EL OBEID	00	9	18	4	1	2	8,4	11		26			23		79	0	327	246
EL FÂSHER	00	8	00	0	0	0	—	—	—	25			21		79	6	116	226
GENEINA											—			—		—	—	404
KADUGLI	02	9	12	1	2	6	4	13		21	—			—	94	—	—	558
S. SÛDÂN																		
MALAKÂL	12	8	16	6	6	5	9	—		24			22		94	48	667	625
WÂU	53	8	18	1	5	8	6	14		21			21		100	35	907	862
JUBA																1	945	809

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	13 h. 15 m.	h. m.	h. m.	h. m.	13 h. m.	13 h. m.	h. m.	h. m.	h. m.
					033640				062310	061920			
					063675				092915	092020			
					093650				153420				
					123640				213530	212845			
									243630				
									270130				
									300135				
									330215				

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	9 h. 30 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 15 m.	h. m.	7 h. m.	h. m.
			022915		023510		020125	033530		033610	
			052925		053115		053655	060135		060140	
			082915		103320		100160	090135		093630	
			103020		153420		150160	153325		153330	
			142910				200255	213210		212920	
			Ent. Cu.				250145	302315		242815	
								392310			
								601320			

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	6 h. 30 m.	h. m.	h. m.	h. m.	7 h. m.
	032310				062320
	06 10				092625
	150510				152530
	210210				212840
	303615				303125
					450420

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 20th
34800 00990 08100 09261 90201 00210
30700 00990 00000 08292 10104 00220

Remarks

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

STATION	Mean of day: Humidity % on 19th	Diff from normal	Wet Bulb Temp °C on 19th	Diff from normal
Alexandria	62	-11	24.0	+0.9
Ezbekîya	50	-11	23.4	+0.7
Gîza	56	-7	23.3	+1.1
Helwân	47	-4	21.1	+0.4

GÎZA — GRASS MINIMUM TEMP ON °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
20-8	7179	10973
19-8	6074	10848

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1947	m.	m.	m.	m.
Jûba	20-8-47	14.14	+0.38	13.80	+0.05
Nâsser		10.12	+0.27	10.10	+0.26
Malakâl		11.87	+0.04	11.81	-0.01
J. Aulia Res.					
J. Aulia D.S.					
Roseires		19.90	+0.62	20.12	+0.85
Sennar Res.		17.20	—	17.20	—
Khartûm		16.04	+0.59	15.98	+0.55
Kh. el Girba				14.00	-0.33
'Atbara		15.26	+0.36	15.20	+0.34
Kajnarti		141.34	+0.34	141.16	+0.26
Aswân Res.		98.50	—	98.50	—
Aswân D.S.		91.35	-0.17	90.76	-0.69
Roda (Cairo)		17.14	-0.66	16.90	-0.85

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

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

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

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

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

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

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

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ANNUAL SUBSCRIPTION P.T. 150

Sunset 18 31

Month *AUGUST* 1947

DAILY WEATHER REPORT

١٩٤٧ شهر أغسطس

At 14h. on *WEDNESDAY 20th* — الساعة ١٤ يوم الأربعاء ٢٠

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	28	3	0	0	—	12.2	28.5	60	0	131
MARIUT	00	7	28	4	0	0	—	12	29	66	0	150
ALEXANDRIA	00	9	26	6	0	0	—	11.8	29.0	58	0	132
DAMIETTA	01	8	32	3	1	3	8	9.6	28.5	71	0	159
PORT SA'ÎD	14	8	30	5	3	5	6	9.6	32.2	63	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	8.0	31.8	76	0	135
LOWER EGYPT												
DAMANHÛR	00	7	24	4	0	0	—	11.1	30.3	52	0	136
MANŞÛRA	01	8	30	2	1	3	8	10.4	33.2	47	0	137
TANTA	00	8	28	5	1	0	—	10.6	32.0	41	0	138
ZAGAZIG	00	6	32	2	0	0	—	9.6	33.1	45	0	139
SHEBÎN EL KÔM	00	8	28	3	0	1	8	10.7	34.2	38	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	30	3	1	3	8	10.1	33.8	51	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	10.0	32.9	44	0	—
CAIRO GÎZA	00	8	30	3	0	0	—	10.3	33.1	47	0	—
ḤELWÂN	00	6	30	6	0	0	—	10.0	32.2	41	0	143
SUEZ	00	9	26	2	0	0	—		37.0	31	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	2	0	0	—	8.2	35.3	27	0	153
MINYA	00	9	32	3	0	0	—	9.1	35.4	35	0	154
ASYÛT	00	8	28	1	0	0	—	8.7	38.2	19	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	6.6	39.7	24	0	164
QENA	00	8	32	3	0	0	—	5.4	43.6	14	0	156
LUXOR	00	9	32	4	0	0	—	5.5	43.0	11	0	157
ASWÂN	00	9	32	2	0	0	—	5.1	42.2	18	0	158
WESTERN DESERT												
SÎWA	00	8	04	2	0	0	—	12.4	36.0	47	0	148
BAHARÎYA	00	8	32	1	0	0	—	9.9	37.5	33	0	149
KHÂRGA	00	9	30	1	0	0	—	—	40.5	16	0	151
DAKHLA	00	9	28	1	0	0	—	9.1	39.8	17	0	152
RED SEA												
ṬÔR	00	7	28	3	0	0	—	7.1	38.9	54	0	145
HURGHÂDA	00	7	32	4	0	0	—	5.6	38.3	20	0	146
QUSEIR	00	8	32	2	0	0	—	5.8	36.2	33	0	147
PORT SÛDÂN	01	8	08	3	1	5	4,5		37	37		208
NORTH SÛDÂN												
WÂDI ḤALFA	33	3	02	5	3	0	—	7	41	11		165
KAREIMA	00	8	02	3	0	0	—		40	13		166
'ATBARA	00	8	04	2	0	0	—		41	16		167
KHARTÛM	01	8	32	4	1	4	8,1	5	37	45		209
KASSALA	01	8	18	4	1	5	6,4	10	33	38		170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK	02	9	20	2	1	5	8	10	28	79		182
ROSEIRES	01	8	20	4	1	4	8		34	47		172
EL OBEID												174
EL FÂSHER	01	8	00	0	0	3	8,1	—	33	50		175
GENEINA	01	9	18	1	1	4	6	—	31	59		179
KADUGLI	02	8	20	1	2	6	4	11	28	66		187
S. SÛDÂN												
MALAKÂL	02	8	16	3	2	6	9,4	11	28	70		176
WÂU												177
JUBA												173

At 20h. on *20th* — الساعة ٢٠ يوم الأربعاء

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	30	3	0	0	—	12.8	26.7	68	0
MARIUT	00	7	30	3	0	2	6	11	25	74	0
ALEXANDRIA	01	5	30	5	1	3	4	12.3	29.0	76	0
DAMIETTA	01	7	30	3	1	3	8	10.3	25.7	79	0
PORT SA'ÎD	00	8	28	3	0	3	8	10.6	26.6	69	0
EL 'ARÎSH	00	9	28	3	0	0	—	8.8	27.9	84	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	0	0	—	11.1	26.2	75	0
MANŞÛRA	00	6	04	2	1	0	—	11.1	25.6	71	0
TANTA	00	8	28	2	1	0	—	11.9	26.6	80	0
ZAGAZIG	00	6	32	2	0	0	—	11.1	26.2	68	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	11.2	25.2	70	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	30	2	0	0	—	11	28	62	0
CAIRO EZBEKÎYA	00	7	02	1	0	0	—	11.0	28.2	58	0
CAIRO GÎZA	00	7	02	1	0	0	—	11.2	28.2	60	0
ḤELWÂN	00	6	32	3	0	0	—	10.7	27.9	52	0
SUEZ	00	9	30	1	0	0	—		28.4	59	0
UPPER EGYPT											
FAIYÛM	00	8	30	1	0	0	—	10.4	29.5	40	0
MINYA	00	9	32	2	0	0	—	9.8	31.3	46	0
ASYÛT	00	6	30	1	0	1		8.8	32.2	37	0
NAG' HAMÂDI	00	8	00	0	0	0	—	9.4	32.0	42	0
QENA	00	6	32	2	0	0	—	6.4	36.8	24	0
LUXOR	00	8	28	3	0	0	—	6.0	36.0	25	0
ASWÂN	00	9	32	1	0	0	—	6.0	38.4	18	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	12.7	31.5	63	0
BAHARÎYA	00	7	32	1	0	0	—	9.1	33.0	37	0
KHÂRGA	00	9	32	1	0	0	—	—	34.8	26	0
DAKHLA	00	8	28	1	0	0	—	9.9	34.8	24	0
RED SEA											
ṬÔR	00	7	28	4	0	0	—	6.7	33.2	57	0
HURGHÂDA	00	9	30	6	0	0	—	5.4	32.6	45	0
QUSEIR	00	8	30	2	0	0	—	4.8	34.3	35	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 8h. on *THURSDAY 21st* — الساعة ٨ يوم الخميس ٢١

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM													—	—				99
MATRÛH	01	9	28	5	1	3	8	12.2	+1.2	26.6	29	+1	21	-1	61	0	55	161
MARIUT	01	7	28	3	1	3	6	10		27		—	24	—	62	0	139	138
ALEXANDRIA	01	9	24	4	2	4	8	11.2	+0.4	26.0	30	0	24	+1	62	0	106	186
DAMIETTA	01	8	28	3	1	4	6	10.2	+0.5	25.9	31	—	23	—	72	0	32	106
PORT SA'ÎD	01	8	26	2	1	3	6	10.3	+1.2	27.8	33	+1	25	+1	60	0	27	81
EL 'ARÎSH	01	9	28	2	1	4	4	9.5	-0.2	28.8	35	+5	23	+2	70	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	7	20	4	1	4	8	11.2	+0.9	26.3	31	-2	21	+1	67	0	84	101
MANŞÛRA	00	8	28	1	0	0	—	10.7	+0.7	26.2	33	-2	21	0	66	0	15	55
TANTA	02	8	00	0	1	5	8	11.2	+0.6	26.0	33	-1	18	-1	84	0	8	44
ZAGAZIG	02	6	20	2	2	5	8	10.7	-0.1	25.8	34	-1	20	0	75	0	24	27
SHEBÎN EL KÔM	01	8	22	2	1	4	8	11.8	+1.3	27.2	35	—	21	—	63	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	0	3	6	11.1	+0.5	25.1	34	—	22	—	74	0	14	—
CAIRO EZBEKÎYA	05	6	28	1	2	3		11.0	+0.6	25	34	0	23	+1	76	0	13	26
CAIRO GÎZA	00	7	00	0	0	0	—	11.2	+0.8	25.0	34	0	21	+2	77	0	20	27
ḤELWÂN	00	6	28	2	0	3	8	11.1	+0.8	24.7	33	-2	21	0	69	0	5	29
SUEZ	01	9	30	1	1	3	3			26.4	38	+2	23	0	69	0	4	17
UPPER EGYPT																		
FAIYÛM	01	8	32	2	1	3	8	11.1	+0.8	25.8	36	0	21	0	67	0	8	8
MINYA	00	9	32	2	1	0	—	10.6	+1.0	27.3	38	+2	23	+2	68	0	dt.	—
ASYÛT	00	7	22	2	0	0	—	10.6	+1.4	26.8	39	+3	22	-1	59	0	0	4
NAG' HAMÂDI	00	8	24	1	0	0	—	9.2	+0.9	28.4	40	—	23	—	67	0	0	—
QENA	00	7	26	3	0	0	—	7.4	-0.4	30.2	44	+4	27	+3	35	0	dt.	—
LUXOR	00	9	30	3	0	0	—	8.0	+0.3	32.2	43	+2	27	+4	33	0	dt.	—
ASWÂN	00	7	32	4	0	0	—	8.2	+0.5	31.6	43	+2	30	+4	27	0	dt.	—
WESTERN DESERT																		
SÎWA	00	7	28	2	0	0	—	14.2	+1.8	35.0	38	0	21	+1	64	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	11.5	+0.4	35.5	38	+2	22	+2	65	0	dt.	7
KHÂRGA	00	9	32	1	0	0	—			38.0	42	+3	26	+3	36	0	dt.	—
DAKHLA	00	8	00	0	0	0	—	11.2	-1.2	38.8	41	+2	26	+3	41	0	dt.	—
RED SEA																		
ṬÔR	00	7	28	6	0	0	—	5.9	-1.0	28.3	40	+6	26	+2	63	0	2	13
HURGHÂDA	00	8	28	5	0	0	—	6.3	-0.9	29.6	40	+5	26	+1	40	0	dt.	3
QUSEIR	00	8	32	5	0	0	—	6.2	-0.7	30.0	37	+3	28	+1	51	0	dt.	4
PORT SÛDÂN	01	8	10	3	1	4	4,5	5		34			30		56	0	156	104
NORTH SÛDÂN																		
WÂDI ḤALFA																0	dt.	—
KAREIMA	02	8	02	5	1	5	4,1	7		34			31		15	0	7	20
'ATBARA	01	7	02	4	1	5	4	7		33			29		41	0	55	52
KHARTÛM	01	8	32	4	0	5	4,3	9		39			23		70	0	52	119
KASSALA	03	7	10	4	6	8	6,5	10		32			22		100	7	114	229
CENTRAL SÛDÂN																		
WAD MEDANI																		
RENK												—		—			233	295
ROSEIRES	02	8	16	1	1	6	9	12		23							—	382
EL OBEID	02	7	20	4	1	8	4,2	10		26			23		94	23	642	574
EL FÂSHER								—	—						74	0	327	250
GENEINA	02	8	00	0	1	6	6	—	—	22	—	—	20	—		0	116	231
KADUGLI	01	8	00	0	1	8	1	12		24	—	—		—	100	—	—	412
S. SÛDÂN															84	—	—	563
MALAKÂL	01	8	00	0	1	5	4,1	12		24			22		89	0	667	631
WÂU	01	8	00	0	1	4	4	13		23			20		89	5	912	869
JUBA	02	8	14	2	4	6	5	14		24			21		94	0	945	813

UPPER WINDS ON *20th* — الرياح العليا يوم ٢٠

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12 h. 30 m.	KHARTÛM 14 h. m.	KASSALA 13 h. m.	EL OBEID 12 h. m.	MALAKAL 13 h. 15 m.	JUBA h. m.
								03 35 05	09 23 30	09 30 20	09 22 35	09 20 15	
								09 03 15	15 29 15	15 21 20	15 19 05	15 20 25	
								15 03 15	21 01 15	21 23 15	21 08 20	21 18 10	
								21 03 15	24 01 15	24 25 10	24 07 20	24 18 15	
								24 05 15	30 07 15		27 09 20	30 20 15	
								30 07 15					
								39 11 15					
								45 11 15					

UPPER WINDS ON *21st* — الرياح العليا يوم ٢١

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 9 h. 15 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
			02 33 10		02 32 15		02 35 30		09 30 55	09 03 25	06 23 30
			05 30 20		05 36 40		05 35 70		15 01 55	15 03 70	09 26 50
			08 33 20		10 33 45		10 34 90		21 01 40	21 03 50	15 27 35
			10 36 25		15 33 60		15 34 25		24 36 35	24 04 40	21 32 15
			14 35 25				20 30 20		30 34 55	30 01 15	24 01 15
							25 33 45		33 32 10	39 24 30	33 19 15
							30 32 35		39 29 35		

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. 15 m.	EL FÂSHER h. m.	GENEINA 7 h. m.	MALAKAL h. m.
	09 21 25	06 22 35		09 29 45	
	15 24 15	09 22 35		15 29 60	
	21 07 05	15 22 20		21 29 70	
	24 13 05	21 25 05		24 29 70	
	30 21 05	29 26 05		30 28 40	
	33 33 10	30 25 40		39 04 55	
		39 19 05		45 03 35	

CYPRUS SYNOPTIC 8h ON *21st*

34700 00990 14200 07241 80300 00300

34800 00990 26300 07262 10802 00300

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	Humidity Diff from normal	Wet bulb temp °C on 20th	Wet bulb temp Diff from normal	Previous day: Reading	Previous day: Diff. from normal
Alexandria	74	+2	23.2	+0.1		
Ezbekiya	60	-2	23.4	+0.7		
Giza	63	0	23.8	+1.6		
Helwân	63	+12	22.4	+1.7		

GIZA — GRASS MINIMUM TEMP. ON °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.44	+0.38
Nâsser				10.12	+0.27
Malakâl		11.98	+0.14	11.87	+0.44
J. Aulia Res.					
J. Aulia D.S					
Roseires	21	20.60	+1.32	19.90	+0.62
Sennar Res.				17.20	—
Khartûm				16.44	+0.59
Kh. el Girba					
'Atbara		15.30	+0.38	15.26	+0.36
Kajnarti				141.34	+0.34
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.78	+0.18	91.35	-0.17
Roda (Cairo)		17.32	-0.57	17.14	-0.66

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	21st	7932	11023
	20th	7179	10973

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UPPER AIR TEMP ALMÂZA AT G.M.T ON

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

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 h. 25 m.
Sunset 18 h. 30 m.

Month *AUGUST* 1947

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٧

At 14h. on *THURSDAY 21st* — الساعة ١٤ يوم الخميس ٢١ ; At 20h. on *21st* — الساعة ٢٠ يوم الخميس ٢١

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h 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																							[illegible]
MATRÛH	01	9	26	3	1	3	8	11.2	28.4	57	0	00	8	30	3	0	3	8	10.2	26.5	69	0	131
MARIUT	00	7	28	4	0	1	6	9	29	52	0	00	7	28	3	0	0	—	9	26	70	0	130
ALEXANDRIA	01	9	28	4	2	4	4	9.6	28.6	54	0	00	5	28	5	0	0	—	9.6	26.0	73	0	132
DAMIETTA	00	8	28	4	1	2	8	9.0	28.0	68	0	01	7	28	3	1	3	6	8.3	25.8	78	0	133
PORT SAʿÎD	01	8	26	4	1	3	4	8.7	30.9	52	0	01	8	30	4	1	4	6	8.6	26.0	68	0	134
EL ʿARÎSH	00	9	30	4	0	0	—	9.0	31.2	74	0	00	9	28	2	0	0	—	7.8	26.8	73	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	28	4	1	3	8	9.4	30.0	54	0	01	7	28	3	1	3	8	9.1	24.6	76	0	136
MANSÛRA	01	8	02	1	1	4	8	8.7	31.0	42	0	00	6	04	1	1	0	—	9.0	25.4	68	0	137
TANTA	01	8	28	4	1	4	8	8.6	31.0	42	0	01	8	28	4	1	4	8	9.6	26.5	68	0	138
ZAGAZIG	01	6	24	2	1	4	8	9.5	31.2	53	0	00	6	32	2	0	0	—	8.3	26.2	77	0	139
SHEBÎN EL KÔM	01	8	28	3	1	3	8	9.5	33.2	38	0	00	7	28	2	0	0	—	9.0	24.8	71	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	26	2	1	3	8	8.8	30.4	55	0	00	7	32	3	0	0	—	8.7	26.9	58	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	3	8	9.0	31.1	48	0	00	7	30	1	0	0	—	8.8	26.6	63	0	—
CAIRO GÎZA	00	8	28	2	0	2	8	9.4	31.0	44	0	00	7	30	1	0	0	—	9.1	28.1	57	0	—
HELWÂN	00	8	28	3	0	2	8	8.4	30.8	37	0	00	7	32	4	0	0	—	8.2	27.3	54	0	143
SUEZ	00	9	32	1	0	0	—		32.4	36	0	00	9	32	1	0	0	—		27.8	61	0	144
UPPER EGYPT																							
FAIYÛM	01	8	26	3	1	3	8	8.4	31.8	38	0	00	8	32	2	0	0	—	8.6	28.3	44	0	153
MINYA	01	8	24	3	1	3	8	8.6	33.0	37	0	00	9	32	1	1	0	—	8.3	30.0	47	0	154
ASYÛT	00	8	26	2	0	0	—	7.5	33.1	55	0	00	6	30	1	0	0	—	7.8	29.5	43	0	155
NAGʿ HAMÂDI	00	8	24	2	0	0	—	5.9	34.7	31	0	00	8	32	1	0	0	—	6.4	28.0	42	0	184
QENA	00	8	26	3	0	0	—	4.7	38.8	21	0	00	6	26	3	0	0	—	5.1	32.6	26	0	156
LUXOR	00	9	30	5	0	0	—	4.8	37.3	22	0	00	8	24	3	0	0	—	5.0	31.3	36	0	157
ASWÂN	00	9	32	3	0	0	—	4.3	37.8	19	0	00	9	32	2	0	0	—	5.1	36.0	13	0	158
WESTERN DESERT																							
SÎWA	00	8	28	2	0	0	—	13.8	33.6	47	0	00		28	2	0	0	—	11.4	31.2	59	0	148
BAHARÎYA	00	8	32	2	0	0	—	9.6	33.0	34	0	00	7	24	1	0	0	—	8.4	30.4	34	0	149
KHÂRGA	00	9	32	1	0	0	—		35.6	24	0	00	9	32	1	0	0	—		34.1	26	0	151
DÂKHLA	00	9	28	2	0	0	—	9.1	35.4	27	0	00	8	28	2	0	0	—	9.0	32.1	28	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	7.0	30.1	65	0	00	7	28	5	0	0	—	3.2	31.5	58	0	145
HURGHÂDA	18	7/6	28	7	3	0	—	5.1	34.6	34	0	00	7	30	6	0	0	—	3.5	30.7	56	0	146
QUSEIR	00	8	32	3	0	0	—	5.1	32.6	53	0	00	8	28	2	0	0	—	3.6	30.4	54	0	147
PORT SÛDÂN	00	8	06	3	1	2	4	2	37	42													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	28	2	0	2	1	6	41	12													165
KAREIMA	18	5	02	4	1	8	2	5	43?	12?													166
ʿATBARA	03	8	28	2	1	8	4	2	27?	33?													167
KHARTÛM	02	8	22	4	2	7	2,4	6	37?	45?													209
KASSALA	02	8	14	3	8	8	8,4		24?	89?													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	16	5	1	7	8	8	31	49													171
RENK	02	9	20	2	1	5	8	10	30	66													182
ROSEIRES	50	7	20	1	1	6	9	11	24	84													172
EL OBEID	02	9	20	4	1	7	8,4	7	33	50													174
EL FÂSHER	00	7	00	0	0	3	1	—	35	42									—				175
GENEINA	02	8	20	1	1	5	6	—	30	66									—				179
KADUGLI	02	8	20	1	2	6	4	9	30	55													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU	02	8	18	3	1	5	6	9	31	55													177
JUBA	02	8	16	1	1	5	6,4	10	31	49													173

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 SAʿÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	13 h. 15 m.	13 h. 15 m.	13 h. m.	h. m.	12 h. 45 m.	h. m.	h. m.
						03 34 50	03 34 45	03 35 30			06 22 15		
						06 33 40	06 35 45	06 36 35			09 23 15		
						09 30 45		09 02 20	09 23 15		15 26 15		
						15 28 50		15 03 35	15 24 15		21 33 20		
									21 23 30		30 03 25		
											39 07 35		
											45 07 40		

Remarks

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

STATION	Mean of day: Humidity % on 21st	Diff from normal	Wet bulb temp °C on 21st	Diff from normal
Alexandria	66	-6	21.9	-1.2
Ezbekîya	65	+3	22.3	-0.4
Gîza	62	-1	22.2	0.0
Helwân	59	+8	20.9	+0.3

GÎZA	GRASS MINIMUM TEMP ON °C
CAIRO	WATER TEMP. RIVER NILE AT 9h. ON °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	22-8	8071	11082
	21-8	7932	11023

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22-8-47	13.79	+0.03	13.84	+0.08
Nâsser		10.16	+0.27	10.13	+0.26
Malakâl		11.90	+0.05	11.88	+0.04
J. Aulia Res.		376.57	—	376.90	—
J. Aulia D.S		375.69	+0.49	375.90	+0.73
Roseires		20.44	+1.16	20.60	+1.32
Sennar Res.		17.19	—	17.21	—
Khartûm		16.03	+0.49	16.07	+0.57
Kh. el Girba		14.60	+0.30	13.92	-0.38
ʿAtbara		15.37	+0.42	15.30	+0.38
Kajnarti		141.46	+0.29	141.38	+0.28
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.78	+0.10	91.78	+0.18
Roda (Cairo)		17.32	-0.88	17.32	-0.57

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	Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs	Temp. Dry bulb °C TTT	Maximum yesterday °C	Diff from normal °C	Minimum today °C	Diff from normal °C	Humidity	Rainfall mms	Rainfall mms	Rainfall mms
MEDITERRANEAN																		
SALÛM											—		—					
MATRÛH	00	9	28	3	0	0	—	9.9	-1.2	25.9	29	+1	21	-1	72	0	55	161
MARIUT	00	7	28	3	0	0	—	8		27	30	—	25		74	0	139	138
ALEXANDRIA	00	9	28	4	0	0	—	8.2	-2.7	26.6	30	0	25	+2	68	0	106	186
DAMIETTA	01	8	20	2	1	4	8	7.2	-2.6	26.8	29	—	20	—	75	0	32	106
PORT SAʿÎD	01	8	26	3	1	4	7	7.4	-1.8	27.0	32	0	24	0	64	0	27	81
EL ʿARÎSH	00	9	20	1	1	3	3	7.1	-2.7	27.7	31	+1	22	+1	71	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	7	28	3	1	4	8	8.8	-1.6	24.3	31	-2	19	-1	70	0	84	101
MANSÛRA	01	8	30	1	1	4	8	7.8	-2.3	26.7	33	-2	21	0	70	0	15	55
TANTA	01	8	00	0	1	4	8	8.3	-2.4	25.0	32	-2	18	-1	80	0	8	44
ZAGAZIG	02	6	24	2	2	5	8	7.8	-3.1	26.8	33	-2	21	+1	77	0	24	27
SHEBÎN EL KÔM	01	8	22	2	1	4	8	8.7	-2.0	27.2	34	—	21	—	65	0	9	
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	29	1	1	4	8	8.1	-2.4	25.3	32	—	22	—	68	0	14	—
CAIRO EZBEKÎYA	01	6	20	1	1	4	8	9.0	-1.5	26.3	32	-2	22	0	73	0	13	26
CAIRO GÎZA	01	6	20	1	1	4	8	8.7	-1.8	25.8	32	-2	19	0	71	0	20	27
HELWÂN	05	6	00	0	1	5	8	8.4	-2.0	24.0	32	-3	20	-1	75	0	5	29
SUEZ	02	9	00	0	2	7	5			26.4	34	-2	22	-1	59	0	4	17
UPPER EGYPT																		
FAIYÛM	01	8	30	1	1	3	8	8.2	-2.2	25.8	33	-3	21	0	67	0	8	8
MINYA	00	9	32	2	0	0	—	8.4	-1.3	26.8	35	-1	22	+1	60	0	dr.	—
ASYÛT	00	7	30	1	0	0	—	7.5	-1.8	25.1	34	-2	22	-1	62	0	0	4
NAGʿ HAMÂDI	00	8	24	2	0	0	—	7.1	-1.3	27.9	35	—	21	—	55	0	0	—
QENA	00	8	24	2	0	0	—	7.1	-0.7	31.0	40	0	26	+2	27	0	dr.	—
LUXOR	00	9	30	3	0	0	—	7.0	-0.8	31.0	38	-3	25	+2	36	0	dr.	
ASWÂN	00	9	30	2	0	0	—	7.1	-0.7	29.2	39	-2	24	-2	33	0	dr.	
WESTERN DESERT																		
SÎWA	00	7	28	2	0	0	—	12.0	-0.5	24.6	35	-3	21	+1	88	0	2	8
BAHARÎYA	00	8	28	2	0	0	—	9.1	-2.1	24.0	33	-3	20	0	67	0	dr.	7
KHÂRGA	00	9	32	1	0	0	—			27.5	37	-2	24	+1	42	0	dr.	—
DÂKHLA	00	8	28	1	0	0	—	9.0	-1.1	27.3	37	-2	23	0	43	0	dr.	—
RED SEA																		
TÔR	00	7	28	5	0	0	—			27.8	31	-3	23	-1	61	0	2	13
HURGHÂDA	00	7	28	6	0	0	—	5.2	-2.2	28.7	36	+1	26	+1	44	0	dr.	3
QUSEIR	00	8	32	3	0	0	—	4.8	-2.2	29.3	33	-1	27	0	62	0	dr.	4
PORT SÛDÂN	00	7	04	1	0	0	—	4		34			31		53	0	156	104
NORTH SÛDÂN																		
WÂDI HALFA	05	7	04	2	0	2	1	8		29			25		25	0	tr.	—
KAREIMA	01	8	32	3	1	4	1	8		33			28		23	0	7	21
ʿATBARA	00	7	20	3	0	2	1	7		31			27		43	0	55	54
KHARTÛM	02	8	16	4	1	6	4,1	8		29			26		66	0	52	122
KASSALA	00	8	16	2	1	2	4	9		26			22		79	tr	114	233
CENTRAL SÛDÂN																		
WAD MEDANI																0	233	299
RENK												—		—		—	—	388
ROSEIRES	01	8	02	2	1	3	4	10		23					94	1	643	581
EL OBEID																16	343	254
EL FÂSHER	00	8	16	1	0	0	—	—	—	26			23		70	0	116	235
GENEINA												—		—		—	—	420
KADUGLI																		568
S. SÛDÂN																		
MALAKÂL	02	8	12	2	1	7	6	11		23			23		100	tr	667	637
WÂU	02	8	18	2	1	5	6,4	10		26			23		79	0	912	876
JUBA	25	8	14	2	8	8	6,4	14		22					94	30	975	817

UPPER WINDS ON 22nd (الرياح العليا يوم ٢٢)

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

MATRÛH	MARIUT	PORT SAʿÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.
										03 35 10	
										06 36 20	
										09 01 35	
										15 01 50	
										21 02 60	
										24 03 70	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	6 h. 45 m.	h. m.	h. m.	h. m.	h. m.
	03 01 05				
	06 27 10				
	09 21 30				
	15 33 30				
	21 35 20				
	24 36 25				

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			

CYPRUS SYNOPTIC 8h ON 22nd

34810 00961 26201 05281 60301 00220
34700 00990 16200 05271 70402 00190

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devil	06
Distant Lightning	07
Light Mist or Haze	08
Distant [illegible]	09
Rain [illegible]	10
[illegible]	11
Distant Duststorm	12
[illegible]	14
[illegible]	18
[illegible]	20 29
Slight Thunderstorm	26
Heavy Thunderstorm	29
Duststorm	30 39
[illegible]	40 49
[illegible]	47
Rain	60
Snow	80 85
[illegible] Snow	83 84
[illegible]	85 86
[illegible]	88 89
Thunderstorm	90 99
[illegible] Rain	91
[illegible]	94 96
[illegible] with [illegible]	95
heavy [illegible] Hail	99

PAST WEATHER (W)

Clear [illegible]	0
Variable [illegible]	1
Mainly [illegible]	2
Sandstorm Duststorm	3
Fog [illegible]	4
Drizzle	5
[illegible]	6
[illegible]	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

Time of Sunrise 05 h. 26 m.
Sunset 18 h. 29 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

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. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	3	0	0	—	10.3	28.9	60	0	00	8	28	3	0	0	—	9.9	26.6	78	0	131
MARIUT	00	7	28	4	0	0	—	8	29	66	0	00	7	29	3	0	0	—		26	74	0	150
ALEXANDRIA	00	9	26	6	0	0	—	8.3	29.0	62	0	00	6	28	5	0	0	—	10.2	26.0	75	0	132
DAMIETTA	00	8	28	3	1	0	—	6.8	28.9	73	0	00	6	28	1	0	0	—	7.6	25.6	92	0	159
PORT SAʿÎD	00	8	30	3	0	0	—	7.1	31.5	55	0	00	8	30	2	0	2	2	8.0	26.2	83	0	134
EL ʿARÎSH	00	9	28	4	0	0	—	6.7	29.1	69	0	00	9	28	3	0	0	—	7.6	27.1	75	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	24	4	1	0	—	7.8	30.3	59	0	00	7	04	2	0	0	—	8.6	25.0	79	0	136
MANSÛRA	01	8	32	2	1	4	8	7.1	33.0	44	0	00	6	32	2	1	0	—	8.3	26.0	76	0	137
TANTA	01	8	28	3	1	4	8	7.0	32.5	53	0	00	8	00	0	1	0	—	8.6	25.0	82	0	138
ZAGAZIG	01	6	24	2	1	4	8	6.7	32.4	48	0	00	6	32	2	0	0	—	7.9	27.2	78	0	139
SHEBÎN EL KÔM	01	8	28	3	1	4	8	7.5	34.1	44	0	00	7	30	2	0	0	—	7.9	25.2	76	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	28	2	1	2	8	7	31	43	0	00	7	30	2	0	0	—	7.7	28.2	58	0	141
CAIRO EZBEKÎYA	00	7	28	3	0	0	—	7.9	32.0	43	0	00	7	28	1	0	0	—	8.0	27.7	63	0	—
CAIRO GÎZA	00	7	28	3	0	0	—	7.9	31.6	48	0	00	7	28	1	0	0	—	7.9	28.7	56	0	—
HELWÂN	00	7	28	4	1	1	8	6.4	31.9	39	0	00	7	30	4	0	0	—	7.5	28.3	56	0	143
SUEZ												00	9	02	2	0	0	—		28.4	68	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	2	1	3	8	6.4	33.8	31	0	00	8	32	1	0	0	—	7.4	29.8	42	0	153
MINYA	00	9	02	2	1	0	—	7.2	33.4	35	0	00	9	32	1	0	0	—	7.5	30.4	40	0	154
ASYÛT	00	8	28	3	0	0	—	7.4	33.1	30	0	00	6	28	1	0	0	—	7.1	30.0	36	0	155
NAGʿ HAMÂDI	00	8	24	2	0	0	—	4.8	34.2	30	0	00	8	24	1	0	0	—	5.2	28.7	43	0	164
QENA	00	8	24	2	0	0	—	5.0	37.0	18	0	00	6	24	2	0	0	—	4.2	31.3	38	0	156
LUXOR	00	9	30	2	0	0	—	4.7	37.0	19	0	00	8	24	3	0	0	—	5.4	32.0	33	0	157
ASWÂN	00	9	30	2	0	0	—	4.6	35.5	24	0	00	9	00	0	0	0	—	5.9	33.0	25	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	11.6	34.7	38	0	00	—	00	0	0	0	—	12.2	30.4	38	0	148
BAHARÎYA	00	8	32	1	0	0	—	8.0	32.0	35	0	00	7	32	1	0	0	—	8.2	30.5	39	0	149
KHÂRGA	00	9	32	1	0	0	—		34.0	21	0	00	9	32	1	0	0	—		30.3	26	0	151
DAKHLA	00	8	28	2	0	0	—	7.4	33.8	17	0	00	8	28	2	0	0	—	8.6	30.9	30	0	152
RED SEA																							
TOR																							145
HURGHÂDA	00	7	02	5	0	0	—	3.0	32.2	46	0	00	7	28	4	0	0	—	5.4	28.6	57	0	146
QUSEIR	00	8	02	3	0	0	—	4.2	29.6	72	0	00	8	30	1	0	0	—	5.0	29.2	63	0	147
PORT SÛDÂN	00	7	06	4	0	3	4	2	34	71													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	32	3	0	0	—	5	38	11													165
KAREIMA	02	8	04	4	1	5	1	6	39	13													166
ʿATBARA	00	7	26	2	0	0	—	3	39	16													167
KHARTÛM	00	8	28	2	1	2	1	4	38	29													209
KASSALA	01	8	20	1	0	3	8	6	32	55													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	18	2	1	3	8	4	36	37													171
RENK	00	8	16	3	0	3	2		35	39													182
ROSEIRES	01	8	20	1	1	3	4	7	29	70													172
EL OBEID	01	9	18	4	1	4	8,4	6	30	59													174
EL FÂSHER	00	7	32	2	0	2	8	—	35	35									—				175
GENEINA	02	9	22	3	1	5	6	—	32	59									—				179
KADUGLI	01	8	20	1	1	4	4	8	31	55													187
S. SÛDÂN																							
MALAKÂL	01	8	00	0	8	4	8,4	8	31	59													176
WÂU																							177
JUBA	01	8	00	0	2	4	8,4	8	32	59													178

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.	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	Normal from Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				99
MATRÛH	00	9	28	2	0	0	—	11.2	0.0	26.7	29	+1	21	−1	71	0	55	161
MARIUT	00	7	31	1	0	0	—	10		28	30	—	23	—	74	0	139	138
ALEXANDRIA	00	9	32	1	0	0	—	9.8	−1.2	27.0	30	0	25	+2	77	0	106	186
DAMIETTA	00	8	00	0	1	2	8	8.6	−1.3	28.3	30	—	20	—	81	0	32	106
PORT SAʿÎD	01	8	30	2	1	4	4	9.5	+0.2	27.8	32	0	24	0	77	0	27	81
EL ʿARÎSH	00	9	16	1	1	3	3	9.0	−0.9	30.1	30	0	21	0	66	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	28	2	0	0	—	9.4	−1.1	26.0	31	−2	20	0	84	0	84	101
MANSÛRA	01	8	20	1	1	3	6	9.4	−0.8	27.0	34	0	22	+1	78	0	15	55
TANTA	01	8	00	0	1	4	8	9.6	−1.2	26.0	33.	−1	19	0	84	0	8	44
ZAGAZIG	02	6	04	2	2	5	8	8.7	−2.3	26.4	34	−1	21	+1	82	0	24	27
SHEBÎN EL KÔM	01	8	30	2	1	4	8	8.6	−2.1	26.3	35	—	22	—	66	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	2	5	6	9		24	34	—	22	—	84	0	14	—
CAIRO EZBEKÎYA	01	6	28	1	1	5	8	9.8	−0.8	26.0	33	−1	22	+1	75	0	13	26
CAIRO GÎZA	02	6	28	1	1	6	8	9.5	−1.1	24.3	33	−1	21	+2	83	0	20	27
HELWÂN	01	7	32	2	1	4	6	9.6	−0.9	25.0	32	−2	22	+1	75	0	5	29
SUEZ	00	9	32	1	0	0	—			26.2	35	−1	22	−1	69	0	4	17
UPPER EGYPT																		
FAIYÛM	01	8	32	3	1	4	8	9.5	−1.0	25.0	35	−1	21	0	74	0	8	8
MINYA	00	9	02	3	0	0	—	9.2	−0.5	27.0	34	−2	23	+2	68	0	dr.	—
ASYÛT												—		—			0	4
NAGʿ HAMÂDI	00	8	00	0	0	0	—	7.5	−1.0	28.0	35	—	21	—	60	0	0	—
QENA	00	7	24	2	0	0	—	7.8	−1.1	29.0	39	−1	25	+1	46	0	dr.	—
LUXOR	00	9	14	2	0	0	—	6.8	−1.1	33.0	38	−3	22	−1	32	0	dr.	—
ASWÂN	00	9	00	0	0	0	—	6.6	−1.2	31.7	37	−4	25	−1	35	0	dr.	
WESTERN DESERT																		
SÎWA	02	7	00	0	2	7	5	12.2	−0.4	23.8	37	0	21	+1	85	0	2	8
BAHARÎYA	00	8	32	2	0	0	—	9.6	−1.7	24.2	34	−2	19	−1	66	0	dr.	7
KHÂRGA	00	9	32	1	0	0	—			28.6	35	−4	22	−4	45	0	dr.	—
DÂKHLA	00	8	28	1	0	0	—	9.2	−1.0	28.3	35	−4	20	−3	39	0	dr.	—
RED SEA																		
TÔR																	2	13
HURGHÂDA	00	8	30	5	0	0	—	6.6	−0.9	29.2	33	−2	23	−2	54	0	dr.	3
QUSEIR	00	8	32	2	0	0	—	5.9	−1.2	30.7	32	−2	25	−2	45	0	dr.	4
PORT SÛDÂN	00	8	10	1	0	1	4	5		33			28		57	0	156	104
NORTH SÛDÂN																		
WÂDI HALFA	01	8	30	2	0	4	2	8		26			22		28	0	tr.	—
KAREIMA	01	8	06	1	1	4	2	9		29			23		25	0	7	21
ʿATBARA	00	7	28	1	0	1	2	7		31			21		21	0	55	55
KHARTÛM	01	8	18	1	0	5	6,2	9		29			25		70	0	52	125
KASSALA	00	8	16	3	2	1	4,1	9		26			23		79	0	114	237
CENTRAL SÛDÂN																		
WAD MEDANI																0	233	303
RENK	02	9	20	2	2	8	6	11		25		—		—	84	—	—	391
ROSEIRES	02	7	14	1	1	6	8	9		24					94	0	643	588
EL OBEID	01	9	16	3	1	3	4,1	9		26			23		84	0	343	258
EL FÂSHER								—	—							0	116	240
GENEINA								—	—			—		—		—	—	428
KADUGLI	02	8	12	2	2	6	4	11		23		—		—	84	—	—	573
S. SÛDÂN																		
MALAKÂL																tr	667	643
WÂU	02	8	16	3	1	8	6,4	11		23			21		89	2	914	883
JUBA																15	990	821

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 SAʿÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12 h. 30 m.	KHARTÛM 13 h. m.	KASSALA h. m.	EL OBEID 13 h. 45 m.	MALAKAL 13 h. m.	JUBA 13 h. m.
								033630	060815		062225	062010	062110
								163630	093605		092415	092115	092010
								093540	153615		153515	152415	153015
								153535	213630		210510	210510	212920
								213340	300410		270705		303115
								303515	390815				393115
									451025				
									481130				

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

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

MATRÛH h. m.	MARIUT h. m.	PORT SAʿÎD h. m.	HELWÂN 9 h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD 6 h. 45 m.	KAREIMA h. m.	KHARTÛM h. m.
			023515				023510	033515	063320		
			050215				050130	063530	093510		
			100335				100920	093530	153535		
			150645				153510	153220	213525		
			200655				201815	212115	243520		
			300710					241920	303605		
			401020					301840	332305		
			501710						392520		
			602210						452320		

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. 15 m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
		032030			
		092325			
		152110			
		211025			
		240625			

UPPER AIR TEMP. ALMÂZA

AT GMT ON

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

CYPRUS SYNOPTIC 8h ON

34700 00990 08200 07281 60306 00180
34800 00990 20200 08301 50303 00220

Remarks

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

Station	Mean of day: Humidity % on 22nd	Diff from normal	Wet Bulb Temp °C on 22nd	Diff from normal
Alexandria	70	−2	22.9	−0.1
Ezbekîya	63	+1	23.0	+0.3
Gîza	59	−5	22.4	+0.2
Helwân	63	+11	21.7	+1.1

GÎZA — GRASS MINIMUM TEMP ON °C

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

Discharges at Aswân measured by sluices m³ per sec: Date	1947	1946
23rd	8102	11061
22nd	8071	11082

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23rd	14.12	+0.36	13.79	+0.03
Nâsser		10.18	+0.27	10.16	+0.27
Malakâl		11.91	+0.06	11.90	+0.05
J. Aulia Res.		376.61	—	376.57	—
J. Aulia D.S		375.63	+0.40	375.69	+0.47
Roseires		19.54	+0.26	20.44	+1.16
Sennar Res.				17.19	—
Khartûm		16.02	+0.44	16.63	+0.49
Kh. el Girba				14.60	+0.30
ʿAtbara		15.32	+0.34	15.37	+0.42
Kajnarti		141.79	+0.56	141.46	+0.29
Aswân Res.		98.60	—	98.50	—
Aswân D.S		91.88	+0.13	91.78	+0.10
Roda (Cairo)		17.68	−0.43	17.32	−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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick [illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
[illegible]	67
[illegible]	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
[illegible]	[illegible]
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ..	1
500 ..	2
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 h. m. 05 27
Sunset h. m. 18 28

Month AUGUST 1947 شهر أغسطس ١٩٤٧

At 14h. on Saturday 23rd الساعة ١٤ يوم ٢٣ — At 20h. on 23rd الساعة ٢٠ يوم السبت 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	Temp. °C	% Humidity	Rain 14-20 mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	32	2	0	0	—	11.6	28.7	62	0	00	8	32	2	0	0	—	11.2	29.9	76	0	131
	MARIUT	00	7	28	4	0	0	—	9	30	66	0	00	7	30	2	0	0	—	9	26	84	0	150
	ALEXANDRIA	00	9	28	4	0	0	—	9.6	28.8	65	0	00	6	28	4	0	0	—	9.6	27.0	77	0	132
	DAMIETTA	00	8	30	3	0	0	—	8.4	30.9	59	0	00	7	28	1	0	0	—	8.3	26.2	69	0	159
	PORT SAʿÎD	00	8	32	2	0	0	—	8.7	31.8	63	0	00	8	02	2	0	0	—	9.0	26.8	86	0	134
	EL ʿARÎSH	00	9	28	3	0	0	—	8.4	29.6	75	0	00	9	28	3	0	0	—	7.5	27.9	76	0	135
LOWER EGYPT	DAMANHÛR	00	7	32	4	0	0	—	9.0	32.6	48	0	00	7	32	3	0	0	—	9.4	25.8	78	0	136
	MANSÛRA	00	8	04	1	1	2	8	8.3	35.0	43	0	00	8	02	1	1	0	—	9.0	26.8	72	0	137
	TANTA	01	8	32	1	1	3	8	8.6	35.9	37	0	00	8	32	1	0	0	—	9.4	28.0	63	0	138
	ZAGAZIG	00	6	32	3	0	0	—	8.3	33.8	52	0	00	6	32	2	0	0	—	9.0	26.4	82	0	139
	SHEBÎN EL KÔM	00	8	30	2	0	0	—	8.8	35.2	41	0	00	7	30	2	0	0	—	9.9	26.2	73	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	30	2	0	0	—	7.6	34.5	34	0	00	7	02	4	0	0	—	8.0	30.3	51	0	141
	CAIRO EZBEKÎYA	00	8	28	2	0	0	—	7.9	34.0	40	0	00	7	28	2	0	0	—	8.8	30.4	55	0	—
	CAIRO GÎZA	00	8	28	2	0	0	—	8.2	34.1	37	0	00	7	28	2	0	0	—	8.8	29.2	59	0	—
	HELWÂN	00	7	32	4	0	0	—	7.1	35.7	21	0	00	6	32	5	0	0	—	7.6	31.2	44	0	143
	SUEZ	00	9	32	1	0	0	—		35.0	28	0	00	9	32	1	0	0	—		31.6	38	0	144
UPPER EGYPT	FAIYÛM	00	8	02	2	0	0	—	7.0	36.0	25	0	00	8	30	1	0	0	—	7.8	30.3	39	0	153
	MINYA	00	9	32	3	0	0	—	7.5	34.0	31	0	00	9	32	1	0	0	—	7.0	30.2	47	0	154
	ASYÛT	00	8	28	1	0	0	—	7.1	33.8	30	0	00	6	22	1	0	0	—	6.8	28.9	47	0	155
	NAGʿ HAMÂDI	00	8	24	1	0	0	—	5.5	36.6	28	0	00	8	00	0	0	0	—	5.8	26.8	62	0	164
	QENA	00	8	24	2	0	0	—	4.7	38.8	24	0	00	6	24	2	0	0	—	4.7	32.6	35	0	156
	LUXOR	00	9	24	2	0	0	—	4.7	39.0	21	0	00	8	26	2	0	0	—	4.7	34.6	26	0	157
	ASWÂN	00	9	00	0	0	0	—	4.4	38.2	26	0	00	9	00	0	0	0	—	4.8	35.0	24	0	158
WESTERN DESERT	SÎWA	00	8	04	2	0	0	—	11.6	35.2	36	0	00		00	0	0	0	—	11.9	30.4	37	0	148
	BAHARÎYA	00	8	32	1	0	0	—	7.8	35.0	28	0	00	7	32	1	0	0	—	6.7	31.5	35	0	149
	KHÂRGA	00	9	32	1	0	0	—		34.8	16	0	00	9	00	0	0	0	—		30.0	30	0	151
	DÂKHLA	00	9	28	1	0	0	—	7.1	29.1	29	0	00	8	28	1	0	0	—	6.8	29.2	34	0	152
RED SEA	TÔR												00	7	28	2	0	0	—	4.6	33.8	60	0	145
	HURGHÂDA	00	8	02	3	0	0	—	5.1	31.6	55	0	00	8	30	1	0	0	—	5.2	28.1	64	0	146
	QUSEIR	00	8	02	2	0	0	—	6.2	30.7	70	0	00	8	04	2	0	0	—	5.6	29.0	69	0	147
	PORT SÛDÂN	00	8	06	4	0	0	—	3	35	59													208
NORTH SÛDÂN	WÂDI HALFA	00	8	30	3	0	0	—	5	37	13													165
	KAREIMA	01	8	30	4	1	4	1	6	39	08													166
	ʿATBARA	00	7	24	1	1	0	—	4	39	15													167
	KHARTÛM	02	8	20	2	1	5	4	5	37	35													209
	KASSALA	00	8	18	3	0	5	8	5	32	50													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	16	5	1	4	8	5	34	47													171
	RENK	02	9	20	3	2	8	8	9	29	66													182
	ROSEIRES	02	7	20	2	2	6	9	7	29	66													172
	EL OBEID	11	9	18	3	0	5	9	5	32	52													174
	EL FÂSHER	02	8	14	3	1	6	8	—	34	32										—				175
	GENEINA	02	8	20	3	1	7	8	—	29	62										—				179
	KADUGLI	01	8	12	2	1	4	4	9	29	66													187
S. SÛDÂN	MALAKÂL																							176
	WÂU	02	8	16	2	1	5	9	8	29	66													177
	JUBA																							173

At 8h. on SUNDAY 24th الساعة ٨ يوم الأحد 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	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				100
	MATRÛH	00	9	26	1	0	0	—	11.9	+0.6	24.1	29	+1	21	-1	81	0	55	161
	MARIUT	00	8	29	2	0	0	—	10		28	30	—	24	—	74	0	139	138
	ALEXANDRIA	00	9	28	2	0	0	—	9.1	-2.0	27.4	31	+1	25	+2	72	0	106	186
	DAMIETTA	00	7	18	1	0	0	—	9.4	-0.6	27.8	32	—	20	—	84	0	32	106
	PORT SAʿÎD	01	8	22	1	1	4	4	9.6	+0.1	28.3	32	0	23	-1	76	0	27	81
	EL ʿARÎSH	00	9	16	1	0	0	—	9.4	-0.6	28.6	30	0	21	0	75	0	47	94
LOWER EGYPT	DAMANHÛR	00	7	32	3	0	0	—	9.5	-1.1	27.4	33	0	20	0	81	0	84	101
	MANSÛRA	08	4	12	1	4	0	—	10.0	-0.4	23.0	36	+2	20	-1	96	0	15	55
	TANTA	01	8	00	0	1	4	1?	10.4	-0.5	23.0	37	+3	18	-1	65	0	8	44
	ZAGAZIG	04	6	24	2	4	0	—	10.3	-0.8	23.2	37	+2	21	+1	96	0	24	27
	SHEBÎN EL KÔM	00	8	28	2	0	2	8	10.4	-0.5	28.2	36	—	21	—	61	0	9	
MIDDLE EGYPT	CAIRO ALMAZA	08	3	00	0	2	9	—	10.5	-0.2	22.3	35	—	21	—	96	0	14	---
	CAIRO EZBEKÎYA	01	7	00	0	4	3	6	10.8	+0.1	25.2	35	+1	22	+1	81	0	13	26
	CAIRO GÎZA	01	7	00	0	4	3	6	11.0	+0.3	24.8	35	+1	21	+2	83	0	20	27
	HELWÂN	09	6	32	3	0	1	6	10.2	-0.3	24.4	36	+2	21	0	78	0	5	29
	SUEZ	00	9	32	1	0	0	—			27.2	37	+1	24	+1	71	0	4	17
UPPER EGYPT	FAIYÛM	00	8	32	2	0	0	—	9.8	-0.8	26.0	37	+1	22	+1	69	0	8	8
	MINYA	00	9	32	2	0	0	—	9.2	-0.6	27.4	35	0	23	+2	66	0	dr.	—
	ASYÛT	00	7	22	1	0	0	—	8.8	-0.7	28.5	36	0	22	0	45	0	0	4
	NAGʿ HAMÂDI	00	8	00	0	0	0	—	7.9	-0.7	28.0	38	—	20	—	55	0	0	—
	QENA	00	7	24	2	0	0	—	7.5	-0.5	29.3	42	+2	24	0	38	0	dr.	—
	LUXOR	00	9	32	2	0	0	—	7.4	-0.6	33.0	40	-1	22	-1	34	0	dr.	—
	ASWÂN	00	9	00	0	0	0	—	8.0	+0.1	33.3	40	-1	26	0	29	0	dr.	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	12.4	-0.3	24.0	37	0	22	+2	83	0	2	8
	BAHARÎYA	00	8	32	1	0	0	—	9.4	-2.0	27.0	36	0	22	+2	56	0	dr.	7
	KHÂRGA	00	9	00	0	0	0	—			27.2	35	-4	21	-1	41	0	dr.	—
	DÂKHLA	00	8	28	1	0	0	—	9.6	-0.7	27.8	35	-3	22	-1	40	0	dr.	—
RED SEA	TÔR	00	7	00	0	0	0	—	6.6	-0.6	29.9	33	-1	23	-1	65	0	2	13
	HURGHÂDA	00	7	28	4	0	0	—	7.1	-0.4	30.6	33	-2	23	-2	46	0	dr.	3
	QUSEIR	00	8	32	2	0	0	—	7.0	-0.2	31.4	33	-1	25	-2	46	0	dr.	4
	PORT SÛDÂN																0	156	104
NORTH SÛDÂN	WÂDI HALFA																0	tr.	—
	KAREIMA	01	8	10	3	1	4	2	9		30			24		17	0	7	22
	ʿATBARA	01	7	20	2	1	4	4	9		29			26		55	0	55	56
	KHARTÛM																0	52	127
	KASSALA	01	8	16	3	1	4	6,4	11								0	114	241
CENTRAL SÛDÂN	WAD MEDANI																0	233	307
	RENK												—		—		—	—	395
	ROSEIRES																7	650	596
	EL OBEID																0	343	262
	EL FÂSHER								—	—							0	116	244
	GENEINA								—	—			—		—		—	—	436
	KADUGLI								—	—			—		—		—	—	578
S. SÛDÂN	MALAKÂL																0	667	649
	WÂU																0	914	890
	JUBA																2	992	825

UPPER WINDS ON 23rd الرياح العليا يوم ٢٣

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

MATRÛH h. m.	MARIUT h. m.	PORT SAʿÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 15m.	KAREIMA 13h. m.	KHARTÛM 12h. 45m.	KASSALA 12h. 30m.	EL OBEID 13h. 15m.	MALAKAL h. m.	JUBA h. m.
							03 31 10	03 33 05	06 16 25	06 21 10			
							06 33 05	06 33 10	09 24 10	09 19 10	09 20 20		
							09 33 10	09 32 15	15 23 20	15 27 15	15 21 25		
							15 23 20	15 31 30	21 30 20	21 07 05	21 26 05		
							21 21 10	21 35 15	30 27 05	30 11 20			
									39 17 20	39 06 65			
									45 14 55				
									60 12 40				

UPPER WINDS ON 24th الرياح العليا يوم ٢٤

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

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

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

CYPRUS SYNOPTIC 8h ON 24th
34800 00990 24200 0830X X0101 [illegible]
34700 00970 00000 07291 60306 00160

UPPER AIR TEMP ALMÂZA AT G M T ON			
HEIGHT FEET	P.P.P m b.	T T °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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	24-8	8303	11117

STATION	Mean of day Humidity % on 23rd	Diff from normal	Wet bulb temp °C on 23rd	Diff from normal
Alexandria	75	+3	24.0	+1.0
Ezbekîya	60	-2	23.5	-0.5
Gîza	66	+2	23.1	+1.0
Helwân	57	+5	21.7	+1.1

GÎZA — GRASS MINIMUM TEMP ON °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-8-47			14.12	+0.36
Nâsser				10.18	+0.27
Malakâl		11.92	+0.05	11.91	+0.06
J. Aulia Res.				376.61	—
J. Aulia D.S				375.63	+0.40
Roseires		19.60	+0.34	19.54	+0.26
Sennar Res.					
Khartûm		16.09	+0.48	16.02	+0.44
Kh. el Girba					
ʿAtbara				15.32	+0.34
Kajnarti				141.79	+0.56
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.02	+0.22	91.88	+0.13
Roda (Cairo)		17.93	-0.21	17.68	-0.43

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 05 27 h. m.
Sunset 18 27

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

At 14h. on SUNDAY 24th — الساعة ١٤ يوم الأحد ٢٤ / At 20h. on 24th — الساعة ٢٠ يوم

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force 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	2	0	0	—	11.5	28.1	76	0												131
MARIUT	00	7	28	3	0	0	—	10	30	74	0	00	7	30	3	0	0	—	10	26	84	0	150
ALEXANDRIA	00	9	26	3	0	0	—	9.9	30.0	64	0	00	6	02	2	0	0	—	10.3	26.0	84	0	132
DAMIETTA	00	8	28	3	0	0	—	9.0	30.0	65	0	00	7	28	2	0	0	—	8.8	26.0	88	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	9.4	32.4	63	0	00	8	30	2	0	0	—	9.2	27.0	78	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	8.7	31.6	64	0	00	9	30	2	0	0	—	8.4	27.9	85	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	04	4	0	0	—	9.9	33.0	50	0	00	7	32	2	0	0	—	9.8	25.6	82	0	136
MANSÛRA	00	8	30	2	0	0	—	9.4	35.8	25	0	00	6	30	2	0	0	—	9.8	26.6	65	0	137
TANTA	00	8	28	3	1	0	—	9.9	36.5	21	0	00	8	00	0	0	0	—	9.2	25.5	80	0	138
ZAGAZIG	00	6	32	2	0	0	—	9.4	34.8	39	0	00	6	32	2	0	0	—	9.6	26.4	75	0	139
SHEBÎN EL KÔM	00	8	30	2	0	0	—	9.6	36.2	29	0	00	7	30	2	0	0	—	9.0	25.6	63	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	02	2	0	0	—	9	34	32	0	00	7	30	2	0	0	—	8.9	32.8	26	0	141
CAIRO EZBEKÎYA	00	8	30	1	0	0	—	9.2	34.2	37	0	00	7	30	2	0	0	—	9.5	28.5	47	0	—
CAIRO GÎZA	00	8	30	1	0	0	—	9.2	34.6	36	0	00	7	30	2	0	0	—	9.5	29.9	47	0	—
HELWÂN	00	8	32	3	0	0	—	8.0	35.6	22	0	00	7	32	5	0	0	—	8.7	30.0	33	0	143
SUEZ	00	9	02	1	0	0	—		35.6	27	0	00	9	32	1	0	0	—		31.0	47	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	3	0	0	—	7.8	36.3	12	0	00	8	32	1	0	0	—	8.0	30.1	33	0	153
MINYA	00	9	28	3	0	0	—	8.0	36.2	21	0	00	9	32	1	0	0	—	8.7	32.0	38	0	154
ASYÛT	00	8	28	1	0	0	—	7.0	37.2	18	0	00	6	26	1	0	0	—	7.2	30.0	30	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	5.5	38.6	30	0	00	8	00	0	0	0	—	6.2	29.2	48	0	164
QENA	00	8	24	2	0	0	—	5.0	41.0	25	0	00	6	24	2	0	0	—	5.2	32.0	38	0	156
LUXOR	00	9	22	2	0	0	—	5.1	41.0	20	0	00	8	30	2	0	0	—	5.1	31.5	40	0	157
ASWÂN	00	9	16	1	0	0	—	4.7	40.3	22	0	00	9	00	0	0	0	—	5.9	36.4	19	0	158
WESTERN DESERT																							
SÎWA	00	8	28	2	0	0	—	11.9	35.7	49	0	00		00	0	0	0	—	12.0	29.8	54	0	148
BAHARÎYA	00	8	32	1	0	0	—	8.3	36.0	25	0	00	7	00	0	0	0	—	8.0	31.0	34	0	149
KHÂRGA	00	9	08	1	0	0	—			22	0	00	9	32	1	0	0	—		33.2	17	0	151
DAKHLA	00	9	28	2	0	0	—	7.1	36.7	19	0	00	8	28	1	0	0	—		32.9	22	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	5.8	31.3	65	0	00	7	28	2	0	0	—	4.8	30.5	67	0	145
HURGHÂDA	00	8	02	2	0	0	—	5.4	31.4	56	0	00	8	30	2	0	0	—	5.8	31.2	46	0	146
QUSEIR	00	8	02	2	0	0	—	5.5	32.4	58	0	00	8	12	2	0	0	—	4.8	30.3	59	0	147
PORT SÛDÂN	01	8	04	4	0	3	4	4	35	68													208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	00	8	24	2	0	0	—		36	24													166
'ATBARA																							167
KHARTÛM	02	8	20	4	1	5	8,4	7	37	48													209
KASSALA	01	8	12	2	1	3	8	4	32	26													170
CENTRAL SÛDÂN																							
WAD MEDANI																							171
RENK																							182
ROSEIRES	01	8	12	1	1	3	4		27	84													172
EL OBEID	02	9	14	3	1	8	4,2	7	32	43													174
EL FÂSHER	81	7	10	4	8	5	8	—	33	41									—				175
GENEINA	02	8	14	1	1	5	6	—	29	66									—				179
KADUGLI	02	8	12	2	2	6	4		29	55													187
S. SÛDÂN																							
MALAKÂL	01	8	14	2	6	5	6	9	27	70													176
WÂU	11	8	18	3	1	7	6,8	8	24	89													177
JUBA																							173

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR 13h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12h. 45m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 12h. 30m.	JUBA h. m.
					03 33 05			03 36 20	06 21 10	06 19 20	06 17 15		
					06 30 05			06 26 35	09 19 15	09 19 20	09 18 15		
					09 21 05			09 27 40	15 18 15	15 11 15	15 16 10		
					12 18 02			15 27 25	21 01 05	21 22 15			
								30 21 30	30 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 24th	Diff from normal	Wet bulb temp °C on 24th	Diff from normal
Alexandria	76	+4	24.2	+1.3
Ezbekiya	57	-5	22.3	-0.3
Giza	60	-4	22.2	+0.1
Helwân	53	+1	20.7	+0.1

GÎZA — GRASS MINIMUM TEMP ON °C

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

Discharges at Aswan measured by sluices m³ per sec.	Date	1947	1946
	25th	8491	10997
	24th	8303	11117

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m	Previous day Diff from normal m.
Jûba					
Nasser					
Malakâl				11.92	+0.05
J. Aulia Res.				376.59	—
J. Aulia D.S				375.69	+0.43
Roseires	25th	20.60	+1.36	19.60	+0.34
Sennar Res.					
Khartûm				16.09	+0.48
Kh. el Girba				15.00	+0.68
'Atbara				15.45	+0.41
Kajnarti				142.18	+0.91
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.34	+0.48	92.02	+0.22
Roda (Cairo)		18.26	+0.04	17.93	-0.21

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

At 8h on MONDAY 25th — الساعة ٨ يوم الأثنين 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 TT	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH																	55	161
MARIUT	00	7	27	2	0	0	—	10		27	31	—	25	—	84	0	139	138
ALEXANDRIA	00	9	28	4	0	0	—	10.0	-1.2	26.6	31	+1	25	+2	77	0	106	186
DAMIETTA	00	7	20	1	1	1	8	9.0	-1.1	27.0	33	—	21	—	86	0	32	106
PORT SA'ÎD	01	8	18	3	1	4	6	9.2	-0.4	27.0	34	+3	25	+1	81	0	27	81
EL 'ARÎSH	00	9	20	1	0	0	—	9.2	-0.9	29.4	32	+2	26	+5	74	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	28	3	0	0	—	10.2	-0.5	26.8	34	+1	20	0	82	0	84	101
MANSÛRA	08	4	24	1	4	0	—	10.0	-0.5	23.6	37	+3	20	0	90	0	15	55
TANTA	03	7	00	0	2	8	6	10.6	-0.4	24.0	37	+3	19	0	96	0	8	44
ZAGAZIG	08	6	24	2	4	0	—	10.0	-1.2	23.4	36	+1	20	0	100	0	24	27
SHEBÎN EL KÔM	05	5	28	2	4		—	11.0	0.0	23.8	37	—	21	—	90	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	08	4	00	0	4	8	6	10.5	-0.3	22.7	36	—	21	—	94	0	14	—
CAIRO EZBEKÎYA	41	6	00	0	4	5	6	10.6	-0.2	22.9	35	+1	22	+1	96	0	13	26
CAIRO GÎZA	32	7	00	0	4	6	8,6	11.4	+0.6	25.0	35	+1	19	0	89	0	20	27
HELWÂN	49	6	28	2	0	2	6	10.4	-0.2	24.0	36	+2	22	+1	77	0	5	29
SUEZ	00	9	32	1	0	0	—			26.6	38	+2	22	-1	71	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	10.3	-0.4	26.1	37	+1	19	-2	67	0	2	8
MINYA	00	9	32	3	0	0	—	9.1	-0.8	27.0	37	+2	23	+2	68	0	dr.	—
ASYÛT	00	7	29	1	0	0	—	9.2	-0.4	27.5	39	+3	22	0	47	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	8.2	-0.4	29.6	39	—	22	—	55	0	0	—
QENA	00	7	22	2	0	0	—	7.1	-1.0	29.9	42	+2	25	+1	41	0	dr.	—
LUXOR	00	9	14	1	0	0	—	7.2	-0.9	32.0	41	0	23	0	33	0	dr.	—
ASWÂN	00	9	00	0	0	0	—	7.6	-0.3	34.2	42	+1	27	+1	30	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	11.5	-1.2	25.7	38	+1	22	+2	86	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	10.0	-1.5	26.5	37	+1	19	-1	46	0	dr.	7
KHÂRG	00	9	32	1	0	0	—			31.5	39	0	26	+4	28	0	dr.	—
DÂKHL	00	8	28	1	0	0	—	10.2	-0.2	27.7	38	0	22	-1	30	0	dr.	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	6.7	-0.5	28.2	35	+1	23	-1	63	0	2	13
HURGHÂDA	00	8	28	3	0	0	—	7.0	-0.6	30.1	33	-2	27	+2	40	0	dr.	3
QUSEIR	00	8	32	3	0	0	—	6.7	-0.6	31.6	34	0	27	0	55	0	dr.	4
PORT SÛDÂN	01	8	00	0	0	4	—	6		37			27		54	0	156	105
NORTH SÛDÂN																		
WÂDI HALFA																0	tr.	—
KAREIMA	01	8	14	1	1	3	4,1	9		32			26		17	0	7	22
'ATBARA	01	7	20	4	1	4	4	9		31			28		49	0	55	57
KHARTÛM	02	8	18	4	2	5	6,4	12		28			24		74	0	52	130
KASSALA	00	8	14	2	1	3	4	12		26			23		74	0	114	245
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	18	3	1	7	5	12		24					74	0	233	310
RENK	02	7	20	1	2	8	6	13		24		—		—	84	—	—	399
ROSEIRES	02	7	12	1	1	6	9	12		23					94	1.1	651	603
EL OBEID	20	9	20	3	5	7	4,5	12		26			22		62	tr.	343	266
EL FÂSHER	02	7	12	2	1	6	4,5	—	—	24			22		79	tr.	116	249
GENEINA								—	—			—		—		—	—	444
KADUGLI	01	8	04	1	1	5	1	11		23		—		—	84	—	—	583
S. SÛDÂN																		
MALAKÂL																2	669	655
WÂU	02	8	00	0	1	6	6,4	9		23			22		94	7	921	897
JUBA																4	996	829

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 h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM 6h. 30m.
			02 34 10		02 34 25		02 34 05				06 20 30
			05 02 25		05 01 35		05 32 10				09 20 35
			10 01 25		10 36 40		10 30 20				15 17 20
			15 04 25				15 27 25				21 35 10
			20 04 25				20 24 40				24 03 15
			25 34 20				25 21 40				30 09 20
			30 36 05				30 24 20				39 12 50
			40 07 15				40 24 45				
			48 07 15								

KASSALA 7h. m.	PORT SÛDÂN 6h. 45m.	EL OBEID h. m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL h. m.
06 19 30	03 26 20		09 16 20		
09 17 40	06 09 15		15 20 20		
15 26 15	09 20 25		21 22 10		
21 33 15	15 32 30		24 23 10		
24 36 20	21 32 35		30 07 10		
	24 32 35				
	30 33 40				
	39 34 30				

UPPER AIR TEMP — ALMÂZA — AT GMT ON

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

CYPRUS SYNOPTIC 8h ON 25th

34700 00990 00000 07281 30102 00240
34800 00990 36300 06291 20201 00230

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 h. 28 m.
Sunset 18 h. 26 m.

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

At 14h. on MONDAY 25th. ٢٥ الساعة ١٤ يوم الأثنين — At 20h on 25th. ٢٥ الساعة ٢٠ يوم الأثنين

	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	2	0	0	—	11.2	29.2	73	0	00	8	28	2	0	0	—	10.6	26.9	86	0	131
	MARIUT	00	7	28	4	0	0	—	9	30	70	0	00	7	29	2	0	0	—	9	26	84	0	150
	ALEXANDRIA	00	9	24	4	0	0	—	9.6	29.7	66	0	00	5	32	4	0	0	—	9.8	27.0	77	0	132
	DAMIETTA	00	7	30	3	0	0	—	8.4	29.9	73	0	00	6	28	2	0	0	—	8.6	26.0	92	0	159
	PORT SA'ÎD	00	8	30	2	0	0	—	8.0	32.2	64	0	00	8	30	2	0	0	—	8.4	27.2	81	0	134
	EL 'ARÎSH	00	9	30	4	0	0	—	8.3	30.4	65	0	00	9	28	2	0	0	—	8.6	27.2	70	0	135
Lower Egypt	DAMANHÛR	00	7	04	3	0	0	—	9.4	32.4	52	0	00	7	32	2	0	0	—	9.5	26.0	80	0	136
	MANSÛRA	00	8	24	1	0	0	—	8.4	35.2	38	0	00	6	30	2	0	0	—	9.0	26.6	77	0	137
	TANTA	00	8	00	0	1	0	—	8.6	35.5	40	0	00	8						9.2	26.0	84	0	138
	ZAGAZIG	00	6	32	2	0	0	—	8.4	33.4	57	0	00	6	32	2	0	0	—	8.8	26.2	89	0	139
	SHEBÎN EL KÔM	00	8	28	3	0	0	—	9.2	36.7	37	0	00	7	30	2	0	0	—	8.7	26.6	61	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	28	2	0	0	—	8	33	34	0	00	7	32	1	0	0	—	8.6	29.4	57	0	141
	CAIRO EZBEKÎYA	00	8	28	1	0	0	—	8.6	33.9	37	0								9.1	28.0	61	0	—
	CAIRO GÎZA	00	8	28	1	0	0	—	8.0	34.9	36	0	00	7	30	1	0	0	—	9.1	27.9	60	0	—
	HELWÂN	00	7	28	4	0	0	—	7.8	34.0	27	0	00	7	32	4	0	0	—	8.2	30.2	46	0	143
	SUEZ	00	9	32	1	0	0	—		35.4	22	0	00	9	32	1	0	0	—		31.2	58	0	144
Upper Egypt	FAIYÛM	00	8	30	2	0	0	—	7.8	36.0	17	0	00	8	02	2	0	0	—	7.6	30.2	33	0	153
	MINYA	00	9	32	3	0	0	—	7.9	35.0	23	0	00	9	32	1	0	0	—	8.8	31.0	33	0	154
	ASYÛT	00	8	28	2	0	0	—	7.9	35.8	15	0	00	6	26	1	0	0	—	7.8	31.6	20	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	5.6	38.6	24	0	00	8	00	0	0	0	—	6.7	29.0	54	0	164
	QENA	00	8	24	2	0	0	—	4.7	40.6	23	0	00	6	24	2	0	0	—	5.4	32.3	37	0	156
	LUXOR	00	9	22	2	0	0	—	4.8	41.0	19	0	00	8	30	3	0	0	—	5.5	35.0	19	0	157
	ASWÂN	00	9	28	1	0	0	—	4.7	41.0	20	0	00	9	00	0	0	0	—	5.4	37.0	18	0	158
Western Desert	SÎWA	00	8	00	0	0	0	—	11.0	37.3	25	0	00	—	00	0	0	0	—	10.3	30.4	37	0	148
	BAHARÎYA	00	8	32	1	0	0	—	7.6	36.0	25	0	00	7	00	0	0	0	—	8.2	29.7	37	0	149
	KHÂRGA	00	9	30	1	0	0	—		37.3	16	0	00	9	00	0	0	0	—		44.3	21	0	151
	DAKHLA	00	9	28	2	0	0	—	8.2	37.3	15	0	00	8	00	0	0	0	—	7.8	33.1	21	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	6.7	32.8	57	0												145
	HURGHÂDA	00	8	02	3	0	0	—	5.1	33.2	51	0	00	8	30	3	0	0	—	5.0	31.7	44	0	146
	QUSEIR	00	8	02	2	0	0	—	5.9	32.0	69	0	00	8	32	2	0	0	—	5.6	30.7	56	0	147
	PORT SÛDÂN	00	8	06	4	1	1	4	3	36	53													208
North Sûdân	WÂDI HALFA	01	8	02	2	1	5	4,2	6	40	12													165
	KAREIMA	02	8	04	1	1	8	4,2	7	41	12													166
	'ATBARA	00	7	20	3	0	3	8	5	39	20													167
	KHARTÛM	02	8	16	4	1	5	4,5	8	33	53													209
	KASSALA	00	8	16	1	0	3	4,1	8	33	44													170
Central Sûdân	WAD MEDANI	02	8	20	4	1	7	4	8	34	36													171
	RENK	01	9	20	3	2	4	1	10	31	62													182
	ROSEIRES	02	8	20	1	1	6	4	10	27	74													172
	EL OBEID	02	9	20	2	1	6	8,4	7	32	43													174
	EL FÂSHER	01	8	12	2	1	4	8	—	32	46									—				175
	GENEINA	01	8	02	1	1	5	8	—	35	47									—				179
	KADUGLI																							187
S. Sûdân	MALAKÂL																							176
	WÂU	02	8	10	1	1	7	8,4	9	31	55													177
	JUBA																							173

UPPER WINDS ON 25th. الرياح العليا يوم ٢٥

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

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	h. m.	h. m.	h. m.	12 h. 30 m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. m.	13 h. 15 m.	h. m.	h. m.
					03 34 20	03 35 40	03 04 10	03 08 05	06 18 15	06 21 15	06 00 00		
					06 26 25	06 32 35	06 02 15	06 04 05	09 19 10	09 21 15	09 00 00		
					09 30 25	09 30 30	09 35 10	09 03 10	15 26 05	15 20 15	15 28 05		
					12 28 15	15 26 55	15 31 15	15 31 15	21 08 15	21 21 20	21 13 10		
					15 24 25	21 27 35	21 21 15	21 28 20	30 12 30	30 29 10			
						27 27 35	30 07 25	30 21 05	39 12 55	39 34 15			
						30 27 40	39 06 30	39 17 15	45 11 40	45 33 05			
						33 27 30	45 09 25		60 08 10				

Remarks

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

Station	Mean of day: Humidity % on 25th.	Diff from normal	Wet bulb temp °C on 25th.	Diff from normal
Alexandria	75	+4	24.2	+1.3
Ezbekiya	73	+11	22.7	+0.1
Gîza	68	+4	22.9	+0.9
Helwân	59	+7	21.4	+0.8

GÎZA — GRASS MINIMUM TEMP ON °C

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

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26th.			13.75	+0.18
Nasser				10.24	+0.30
Malakâl		11.94	+0.05	11.93	+0.05
J. Aulia Res.				371.61	—
J. Aulia D.S				375.74	+0.47
Roseires		21.10	+1.69	20.60	+1.36
Sennar Res.				17.22	—
Khartûm				16.09	+0.46
Kh. el Girba					
'Atbara				15.68	+0.60
Kajnarti				142.32	+0.99
Aswân Res.		96.50	—	96.50	—
Aswân D.S		92.50	+0.59	92.34	+0.48
Roda (Cairo)		18.50	+0.20	18.26	+0.04

Discharges at Aswan measured by sluices m³ per sec. Date	1947	1946
26th.	8915	11250
25th.	8491	10997

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. PPP	Diff from normal mbs.	Dry Bulb °C TT	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												—		—				100
	MATRÛH	00	9	26	2	0	3	8	11.0	−0.5	26.2	30	+2	23	+1	82	0	55	161
	MARIUT	00	7	29	3	0	0	—	9		28	30	—	26	—	79	0	139	138
	ALEXANDRIA	00	9	24	2	0	0	—	9.1	−2.2	29.4	31	+1	25	+2	74	0	106	186
	DAMIETTA	00	6	20	2	4	0	—	8.3	−1.9	26.2	32	—	20		90	0	32	106
	PORT SA'ÎD	03	7	26	2	2	8	6	9.0	−0.7	24.9	33	+2	24	0	91	0	27	81
	EL 'ARÎSH	01	9	20	1	1	4	3	8.7	−1.5	29.1	33	+3	22	+1	68	0	47	94
Lower Egypt	DAMANHÛR	00	7	28	3	0	0	—	9.6	−1.2	29.0	33	0	21	+1	82	0	84	101
	MANSÛRA	08	4	20	1	4	0	—	9.0	−1.6	24.0	36	+2	19	−1	90	0	15	55
	TANTA	00	8	00	0	0	0	—	9.4	−1.7	26.0	36	+2	19	0	92	0	8	44
	ZAGAZIG	00	6	32	2	0	0	—	8.8	−2.5	23.8	36	+1	21	+2	100	0	24	27
	SHEBÎN EL KÔM	01	8	30	2	4	4	8	9.9	−1.2	24.6	37	—	21	—	86	0	9	
Middle Egypt	CAIRO ALMAZA	05	6	26	1	2	8	6	9.5	−1.4	24.8	35	—	23	—	83	0	14	—
	CAIRO EZBEKÎYA	05	6	30	1	0	4	6	9.6	−1.3	25.8	36	+2	23	+2	79	0	13	26
	CAIRO GÎZA	01	7	28	1	4	4	8	10.2	−0.7	25.9	36	+2	21	+2	79	0	20	27
	HELWÂN	09	5	32	2	1	3	8	9.5	−1.2	24.4	36	+2	22	+1	82	0	5	29
	SUEZ	00	9	32	1	0	0	—			26.2	37	+1	22	−1	75	0	4	17
Upper Egypt	FAIYÛM	00	8	02	2	0	0	—	9.8	−1.0	26.0	37	+2	18	−3	73	0	8	8
	MINYA	00	9	32	2	0	0	—	9.2	−0.8	26.9	36	+1	22	+1	61	0	dr.	—
	ASYÛT	00	7	06	1	0	0	—	9.2	−0.5	27.3	37	+1	21	−1	51	0	0	4
	NAG' HAMÂDI	00	8	32	1	0	0	—	8.4	−0.3	27.8	39	—	18	—	52	0	0	
	QENA	00	7	24	2	0	0	—	7.4	−0.8	28.0	42	+2	25	+1	40	0	dr.	—
	LUXOR	00	9	22	2	0	0	—	7.1	−1.1	34.0	42	+1	22	0	27	0	dr.	—
	ASWÂN	00	9	32	1	0	0	—	7.9	−0.1	31.7	42	+1	27	+1	28	0	dr.	—
Western Desert	SÎWA	00	7	00	0	0	0	—	12.0	−0.8	25.3	40	+3	20	0	81	0	2	8
	BAHARÎYA	00	8	04	1	0	0	—	10.0	−1.6	26.5	37	+1	20	0	66	0	dr.	7
	KHÂRGA	00	9	00	0	0	0	—			30.5	39	0	21	−1	34	0	dr.	—
	DÂKHLA	00	8	00	0	0	0	—	10.2	−0.3	28.6	38	0	20	−2	26	0	dr.	—
Red Sea	TÔR																	2	13
	HURGHÂDA	00	8	28	4	0	0	—	6.3	−1.4	30.1	34	−1	25	0	51	0	dr.	3
	QUSEIR	00	8	32	3	0	0	—	6.4	−0.9	31.2	34	0	27	0	58	0	dr.	4
	PORT SÛDÂN	00	9	00	0	1	2	4	5		34			27		47	0	156	105
North Sûdân	WÂDI HALFA	01	8	30	1	0	4	4	9		28			24		27	0	tr.	—
	KAREIMA	01	8	20	2	1	4	4	10		31			27		17	0	7	23
	'ATBARA	00	8	24	2	0	0	—	8		32			27		41	0	55	59
	KHARTÛM	01	8	20	4	1	5	4,2	9		31			27		66	0	52	133
	KASSALA	00	8	12	4	0	0	—	9		28			22		52	0	114	249
Central Sûdân	WAD MEDANI	01	9	16	4	1	4	3	10		27					70	0	233	314
	RENK	00	9	20	2	0	0	—	11		29		—		—	70	—	—	404
	ROSEIRES	00	9	12	1	1	2	5	11		23					94	0	651	610
	EL OBEID	02	9	16	3	0	6	4,5	10		26			23		79	0	343	270
	EL FÂSHER	02	8	12	1	6	7	6,4	—	—	27			25		70	tr.	116	253
	GENEINA	02	8	00	0	1	5	4	—	—	23		—	21	—	89	—	—	452
	KADUGLI	01	8	28	1	1	5	1	12		24		—		—	84	—	—	588
S. Sûdân	MALAKÂL	03	8	00	0	2	8	6	12		25			23		94	0	669	661
	WÂU	52	8	00	0	5	8	7,4	12		23			21		94	10	931	904
	JUBA	02	8	14	2	1	5	6	13		25			22		84	0	996	833

UPPER WINDS ON 26th. الرياح العليا يوم ٢٦

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

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima	Khartûm
h. m.	h. m.	h. m.	8 h. 30 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	6 h. 45 m.	7 h. m.	7 h. 15 m.
			02 36 20		02 30 10		02 36 10	09 36 25	09 35 35	09 33 30	06 19 30
			05 34 15		05 02 30		05 33 25	15 33 20	15 35 50	15 35 10	09 20 30
			10 35 30		10 30 05		10 33 30	21 24 20	21 30 15	21 24 10	12 19 15
			15 01 30		15 33 30		15 28 25	30 24 25	30 28 10	30 24 05	
			20 02 30				20 24 50	39 23 20	39 21 15	39 31 02	
			25 03 25				25 23 40	45 23 20	45 22 10		
			29 02 20				30 24 30	51 23 30	60 08 05		
							35 25 40		75 06 05		
							40 25 35				

Kassala	Port Sûdân	El Obeid	El Fâsher	Geneina	Malakal
7 h. 15 m.	6 h. 45 m.	7 h. m.	7 h. m.	7 h. 15 m.	h. m.
09 19 35	09 32 05	09 18 25	09 17 10	09 28 15	
15 24 20	15 29 10	15 13 30	15 16 10	15 03 10	
21 34 15	21 33 30	21 11 20	21 07 30	21 09 10	
24 36 35	30 23 25	30 11 25	30 07 40	24 05 10	
	39 04 25	33 11 40	33 08 45		
	45 06 30	39 12 40	36 09 30		
	60 10 30				

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			

CYPRUS SYNOPTIC 8h ON 26th.
34700 00990 08300 06282 40303 00180
34800 00890 08100 07281 70301 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20 29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50 59
Rain	60 69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90 99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 05 28 h. m.
Sunset 18 24

Month AUGUST 1947

DAILY WEATHER REPORT

شهر أغسطس ١٩٤٧

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	°C Temp. 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	°C Temp. TTT	% Humidity UU	Rain h. 14-20 mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	28	3	0	0	—	10.6	29.9	73	0	00	8	26	3	0	0	—	10.8	28.1	82	0	131
	MARIUT	00	8	28	3	0	0	—	8	26	95	0	00	7	28	3	0	0	—	8	26	89	0	150
	ALEXANDRIA	00	9	24	4	0	0	—	8.3	29.6	71	0	00	6	28	4	0	0	—	8.8	27.0	82	0	132
	DAMIETTA	00	7	32	3	0	0	—	7.5	30.7	66	0	00	6	28	1	0	0	—	7.2	26.4	92	0	159
	PORT SAÎD	00	8	30	3	0	0	—	7.6	32.8	57	0	00	8	30	2	0	0	—	7.8	27.3	85	0	134
	EL 'ARÎSH	00	9	28	3	0	0	—	7.5	29.9	60	0	00	9	28	1	0	0	—	7.4	26.9	83	0	135
LOWER EGYPT	DAMANHÛR	00	7	28	3	0	0	—	8.3	34.6	43	0	00	7	28	2	0	0	—	8.4	26.5	80	0	136
	MANSÛRA	00	8	30	1	0	0	—	7.2	36.0	38	0	00	6	32	2	0	0	—	8.2	27.6	73	0	137
	TANTA	00	8	00	0	0	0	—	7.9	37.7	33	0	00	8	00	0	0	0	—	8.3	36.0	87	0	138
	ZAGAZIG	00	6	24	2	0	0	—	6.8	35.4	47	0	00	6	32	2	0	0	—	7.6	27.2	77	0	139
	SHEBÎN EL KÔM	00	8	22	2	0	0	—	7.0	38.3	29	0	00	7	30	2	0	0	—	8.3	26.2	71	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	28	3	0	0	—	7	35	32	0	00	7	02	2	0	0	—	8.1	30.2	65	0	141
	CAIRO EZBEKÎYA	00	8	28	2	0	0	—	7.6	35.4	35	0	00	7	02	1	0	0	—	8.0	29.2	59	0	—
	CAIRO GÎZA	00	8	30	1	0	0	—	7.6	35.3	26	0	00	7	02	1	0	0	—	8.6	29.5	64	0	—
	HELWÂN	00	8	28	4	0	0	—	7.1	36.1	12	0	00	7	30	3	0	0	—	7.6	31.4	41	0	143
	SUEZ	00	9	02	1	0	0	—		37.0	20	0	00	9	32	1	0	0	—		32.0	53	0	144
UPPER EGYPT	FAIYÛM	00	8	30	2	0	0	—	7.2	36.0	17	0	00	8	00	0	0	0	—	6.7	30.0	40	0	153
	MINYA	00	8	04	4	0	0	—	8.0	36.7	23	0	00	9	32	1	0	0	—		32.0	35	0	154
	ASYÛT																							155
	NAG' HAMÂDI	00	8	24	1	0	0	—	5.9	37.2	23	0	00	8	32	1	0	0	—	6.3	30.0	34	0	164
	QENA	00	8	24	2	0	0	—	4.4	40.6	20	0	00	6	22	2	0	0	—	5.4	31.2	36	0	156
	LUXOR	00	9	22	2	0	0	—	5.1	40.0	15	0	00	8	26	3	0	0	—	5.5	35.0	19	0	157
	ASWÂN	00	9	28	1	0	0	—	5.1	39.0	21	0	00	9	00	0	0	0	—	5.4	36.0	20	0	158
WESTERN DESERT	SÎWA	00	8	28	2	0	0	—	11.4	38.6	30	0	00		32	2	0	0	—	11.5	33.2	51	0	148
	BAHARÎYA	00	8	32	1	0	0	—	7.6	35.5	27	0	00	7	00	0	0	0	—	8.0	30.9	38	0	149
	KHÂRGA	00	9	32	1	0	0	—		35.2	30	0	00	9	32	1	0	0	—		30.5	15	0	151
	DAKHLA	00	9	28	1	0	0	—	6.7	37.0	14	0	00	8	00	0	0	0	—	7.6	32.4	22	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	4.6	31.9	66	0	00	7	28	2	0	0	—	5.1	30.6	54	0	145
	HURGHÂDA	00	8	20	3	0	0	—	4.6	33.4	54	0												146
	QUSEIR	00	8	02	2	0	0	—	4.4	32.0	67	0	00	8	30	1	0	0	—	5.1	30.4	56	0	147
	PORT SÛDÂN	01	9	02	3	0	4	4	2	36	40													208
NORTH SÛDÂN	WÂDI HALFA	01	8	08	2	1	4	4	4	41	13													165
	KAREIMA	02	8	12	2	1	8	4	6	42	17													166
	'ATBARA	02	8	26	2	0	2	4	3	41	16													167
	KHARTÛM	01	9	18	3	2	4	8,4	5	38	37													209
	KASSALA	01	8	20	2	1	3	8	5	36	37													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	20	3	1	4	8	5	36	40													171
	RENK	01	9	24	3	1	4	1	8	32	75													182
	ROSEIRES	02	8	20	1	1	2	5	8	31	59													172
	EL OBEID	01	9	18	3	1	4	8,4	6	33	47													174
	EL FÂSHER	02	8	32	3	1	5	8,4	—	33	38									—				175
	GENEINA	02	8	20	1	1	5	8,4	—	31	59									—				179
	KADUGLI	02	8	20	1	2	6	4	9	29	59													187
S. SÛDÂN	MALAKÂL	01	8	24	2	1	5	6,4	9	31	62													176
	WÂU	02	8	18	1	5	7	4,5	9	28	70													177
	JUBA	01	8	16	1	1	4	9	10	32	55													173

UPPER WINDS ON 26th — يوم ٢٦

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

MATRÛH h. m.	MARIUT h. m.	PORT SAÎD h. m.	ALMÂZA h. m.	MINYA 12 30	LUXOR h. m.	HURGHÂDA 13 m.	WÂDI HALFA 13 m.	KAREIMA 12 30	KHARTÛM 13 30	KASSALA 13 m.	EL OBEID 13 m.	MALAKAL 13 m.	JUBA h. m.
				030205		033530	033115	030705	062310	062005	062030	062510	
				060210		063330	063525	062505	092310	092005	092035	092540	
				093515		093230	093620	092805	152702	152115	152125	152510	
				123520		152725	153326	153115	211010	212320	212120	212210	
				153515		212910	212520	212815	301120	302720	301420	302105	
						272730	302330	300705			391740		
						302325	392320	391310			451640		
							452230	450515					
							602315						

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	1947	1946
	27-8	9259	11221
	26-8	8915	11250

STATION	Mean of day: Humidity % on 26th	Diff from normal	Wet Bulb Temp °C on 26th	Diff from normal
Alexandria	76	+5	24.8	+2.0
Ezbekîya	64	+2	23.5	+0.9
Gîza	67	+3	23.1	+1.1
Helwân	61	+9	21.7	+1.1

GÎZA — GRASS MINIMUM TEMP ON °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27-8-47			13.92	+0.14
Nâsser				10.26	+0.30
Malakâl		11.95	+0.05	11.94	+0.06
J. Aulia Res.				376.59	—
J. Aulia D.S				374.67	−0.63
Roseires		20.55	+1.37	21.10	+1.89
Sennar Res.				417.21	—
Khartûm				15.98	+0.34
Kh. el Girba				15.55	+1.16
'Atbara		15.83	+0.70	15.79	+0.68
Kajnarti		142.42	+1.01	142.43	+1.04
Aswân Res.		98.50	—	98.56	—
Aswân D.S		92.61	+0.66	92.50	+0.59
Roda (Cairo)		18.70	+0.34	18.50	+0.20

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

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	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											—		—					
	MATRÛH	00	9	26	3	0	0	—	10.6	−1.0	27.2	30	+2	23	+1	80	0	55	161
	MARIUT	00	7	28	3	0	0	—	8		28	31	—	26	—	84	0	139	138
	ALEXANDRIA	00	9	24	4	0	0	—	8.4	−3.0	28.0	31	+1	26	+3	70	0	106	186
	DAMIETTA	04	5	18	1	4	0	—	6.7	−3.6	26.9	34	—	21	—	89	0	32	106
	PORT SAÎD	02	8	22	3	2	6	6	7.2	−2.6	26.9	34	+3	25	+1	80	0	27	81
	EL 'ARÎSH	01	9	20	2	1	4	1	7.4	−2.9	27.7	31	+1	20	0	71	0	47	94
LOWER EGYPT	DAMANHÛR	00	7	28	4	0	0	—	7.9	−3.0	27.8	35	+2	22	+2	77	0	84	101
	MANSÛRA	00	8	30	1	0	0	—	7.6	−3.1	27.8	37	+3	21	+1	78	0	15	55
	TANTA	00	8	24	1	0	0	—	7.8	−3.4	25.4	38	+4	19	0	91	0	8	44
	ZAGAZIG	00	6	32	2	0	0	—	7.8	−3.6	23.8	36	+1	22	+3	100	0	24	27
	SHEBÎN EL KÔM	00	8	30	2	0	2	8			25.1	39	—	20	—	81	0	9	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	26	1	0	3	8	8.1	−2.9	26.8	38	—	24	—	78	0	14	—
	CAIRO EZBEKÎYA	00	7	28	1	0	2	6	8.3	−2.7	28.2	37	+3	23	+2	71	0	13	26
	CAIRO GÎZA	00	7	28	1	1	2	6	8.6	−2.4	28.2	37	+3	22	+3	72	0	20	27
	HELWÂN	09	6	00	0	2	7	6	8.4	−2.4	24.9	37	+3	23	+2	84	0	5	29
	SUEZ	00	9	02	1	0	0	—			26.6	38	+3	22	−1	68	0	4	17
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	8.3	−2.6	27.2	37	+2	22	+1	69	0	8	8
	MINYA	00	9	32	2	0	0	—	8.2	−1.9	27.3	37	+2	22	+1	58	0	dr.	—
	ASYÛT	00	7	22	1	0	0	—	8.6	−1.2	28.0	37	+1	21	−1	47	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	8.0	−0.8	26.9	38	—	19	—	48	0	0	—
	QENA	00	7	24	2	0	0	—	6.8	−1.5	29.3	42	+2	26	+2	32	0	dr.	
	LUXOR	00	9	10	2	0	0	—	6.8	−1.5	33.2	41	0	22	0	29	0	dr.	
	ASWÂN	00	9	00	0	0	0	—	7.0	−1.0	33.0	42	+1	27	+1	27	0	dr.	
WESTERN DESERT	SÎWA	00	7	28	2	0	0	—	12.3	−0.6	26.8	41	+4	22	+2	71	0	2	8
	BAHARÎYA	00	8	28	1	0	0	—	8.7	−3.0	26.8	36	0	22	+2	68	0	dr.	7
	KHÂRGA	00	9	00	0	0	0	—			28.8	38	−1	20	−2	34	0	dr.	
	DÂKHLA	00	8	28	1	0	0	—	9.0	−1.6	29.8	38	0	21	−1	26	0	dr.	
RED SEA	TÔR	00	7	28	5	0	0	—	3.6	−3.8	29.1	34	0	21	−3	73	0	2	1
	HURGHÂDA																	dr.	3
	QUSEIR	00	8	30	1	0	0	—	5.2	−2.2	29.0	34	0	27	0	47	0	dr.	4
	PORT SÛDÂN	00	8	00	0	0	3	4	5		36			26		42	0	156	105
NORTH SÛDÂN	WÂDI HALFA	00	8	04	1	0	0	—	8		31			22		26	0	tr.	—
	KAREIMA	00	8	04	2	1	1	4	8		32			28		18	0	7	23
	ATBARA	00	8	24	2	0	3	4	6		33			28		21	0	55	60
	KHARTÛM	01	8	22	4	1	5	4	8		33			29		53	0	52	136
	KASSALA	02	8	14	3	1	7	6,4			27			25		74	0	114	252
CENTRAL SÛDÂN	WAD MEDANI	01	9	18	5	1	4	3	11		26					84	0	233	317
	RENK	64	5	20	2	6	8	7,4			22	—		—		94	Rain	—	408
	ROSEIRES	02	7	18	2	2	8	9	9		21					88	8	659	617
	EL OBEID	02	9	20	4	6	7	4,5	9		27			25		70	dr.	343	274
	EL FÂSHER	01	8	00	0	1	5	8,4	—	—	25			22		84	3	119	258
	GENEINA	02	8	00	0	1	6	4	—	—	26	—		—		74	—	—	460
	KADUGLI	02	8	28	1	1	5	1	10		25	—		—		84	—	—	592
S. SÛDÂN	MALAKÂL																0	669	667
	WÂU	01	8	00	0	1	4	4	11		25			23		79	dr.	931	910
	JUBA																0	99.6	837

UPPER WINDS ON 27th — يوم الأربعاء ٢٧

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

MATRÛH h. m.	MARIUT h. m.	PORT SAÎD h. m.	HELWÂN 9 30	MINYA h. m.	ASYÛT 7 m.	LUXOR h. m.	ASWÂN 7 m.	WÂDI HALFA 7 m.	ABU HAMAD 6 45	KAREIMA 7 m.	KHARTÛM 7 15
			022915		023015		023505	030225	063535	030205	062640
			053310		053525		053430	060130	093435	060130	092835
			083225		103520		103320	093630	153030	093625	152925
			103430		153625		153020	153220	212535	153315	213320
			150125				202630	213030	302315	212920	303625
			200130				252730	302535	452315	302915	
			250235				302635	422430		451310	
			300135				352435			543105	
							402450			603302	

KASSALA 7 m.	PORT SÛDÂN 7 m.	EL OBEID 7 15	EL FÂSHER 7 m.	GENEINA h. m.	MALAKAL h. m.
	031910	092330	093510		
062030	060505	152010	153105		
092130	090405	211020	212105		
152435	151710	300725	303505		
212330	210345				
302630	303615				
453230	450615				
	510615				

UPPER AIR TEMP — ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 27th

34850 42704 08244 07432 30103 00200
34700 20990 08200 06292 30105 00210

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squall	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
[illegible]	41
[illegible]	42
[illegible]	44
[illegible]	50-59
[illegible]	60-69
[illegible]	67
[illegible]	70-79
[illegible]	80-89
of Snow	83, 84
of Sleet	85, 86
[illegible]	88, 89
[illegible]	90-99

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

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

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

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

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

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

Time of Sunrise 05 h. 28 m.
Sunset 18 h. 23 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *AUGUST* 1947 — شهر أغسطس ١٩٤٧

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

Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14h mms	20h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs.	Temp. °C	% Humidity	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	26	3	0	0	—	10.8	29.1	82	0	00	8	28	3	0	0	—	11.5	29.7	91	0	131
MARIUT	00	7	26	4	0	0	—	7	30	70	0	00	7	30	2	0	0	—	9	27	79	0	150
ALEXANDRIA	00	9	28	4	0	0	—	7.6	28.8	72	0	00	6	32	3	0	0	—	9.5	28.0	70	0	132
DAMIETTA	00	7	28	3	0	0	—	6.0	30.2	71	0	00	6	30	2	0	0	—	7.1	27.0	92	0	159
PORT SA'ÎD	00	8	32	3	0	0	—	6.4	32.1	69	0	00	8	28	3	0	0	—	7.2	27.7	85	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	6.2	29.2	62	0	00	9	28	3	0	0	—	6.6	27.3	81	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	24	5	0	0	—	7.5	31.8	53	0	00	7	28	3	0	0	—	7.2	25.6	74	0	136
MANSÛRA	00	8	18	1	0	0	—	6.0	35.2	46	0	00	6	32	2	0	0	—	7.9	27.4	78	0	137
TANTA	00	8	24	2	0	0	—	6.4	35.0	46	0	00	8	00	0	0	0	—	7.9	29.0	78	0	138
ZAGAZIG	00	6	32	2	0	0	—	6.8	35.8	50	0	00	6	32	2	0	0	—	7.4	28.2	79	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	—	7.1	36.9	42	0	00	7	30	2	0	0	—	8.3	27.1	78	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	25	2	0	0	—		36	37	0	00	7	30	2	0	0	—	7.5	30.2	73	0	141
CAIRO EZBEKÎYA	00	8	28	1	0	0	—	6.2	36.6	31	0	00	7	30	1	0	0	—	8.2	29.2	74	0	—
CAIRO GÎZA	00	8	30	1	0	0	—	6.0	37.7	32	0	00	7	30	1	0	0	—	7.6	29.6	63	0	—
HELWÂN	00	7	28	4	0	0	—	5.5	36.8	22	0	00	7	30	4	0	0	—	7.1	30.7	59	0	143
SUEZ	00	9	32	1	0	0			38.0	27	0	00	9	02	2	0	0	—	5.8	32.0	55	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	2	0	0	—	5.6	37.0	22	0	00	8	32	2	0	0	—	6.2	31.2	52	0	153
MINYA	00	9	02	2	0	0	—		36.0		0	00	9	32	4	0	0	—		32.8	35	0	154
ASYÛT	00	8	22	1	0	0	—	5.5	36.9	16	0	00	6	28	1	0	0	—	6.6	31.4	21	0	155
NAG HAMÂDI	00	8	24	2	0	0	—	4.8	37.7	17	0	00	8	00	0	0	0	—	5.8	27.8	56	0	164
QENA	00	8	24	2	0	0	—	5.1	39.6	23	0	00	8	24	2	0	0	—	5.5	31.6	43	0	156
LUXOR	00	9	26	3	0	0	—	5.4	39.9	15	0	00	8	30	3	0	0	—	5.1	35.0	19	0	157
ASWÂN	00	9	28	1	0	0	—	4.4	39.5	21	0	00	9	00	0	0	0	—	5.4	36.0	20	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	10.6	40.2	46	0	00		04	4	0	0	—	10.4	35.0	60	0	148
BAHARÎYA	00	8	32	1	0	0	—	7.2	37.5	29	0	00	7	32	2	0	0	—	7.8	33.0	32	0	149
KHÂRGA	00	9	30	1	0	0	—		38.0	12	0	00	9	32	1	0	0	—		34.9	12	0	151
DAKHLA	00	9	28	2	0	0	—	6.8	37.9	16	0	00	8	28	1	0	0	—	6.4	32.8	20	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	5.9	32.8	63	0	00	7	28	2	0	0	—	4.3	30.5	61	0	145
HURGHÂDA	00	7	32	4	0	0	—	4.8	33.6	49	0	00	8	26	2	0	0	—	4.3	31.2	40	0	146
QUSEIR	00	8	32	2	0	0	—	4.6	32.7	51	0	00	8	30	1	0	0	—	4.7	30.0	51	0	147
PORT SÛDÂN	00	8	06	3	0	3	4	2	39	36													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	30	3	0	0	—	5	41	14													165
KAREIMA	01	8	30	2	1	4	4,1		43	09													166
'ATBARA	00	7	02	2	0	2	4	2	42	09													167
KHARTÛM	00	8	24	4	1	2	8,4	4	39	38													209
KASSALA	01	8	16	3	1	4	8	5	36	42													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	20	4	1	4	3	6	32	31													171
RENK	01	9	20	2	1	4	1	9	27	79													182
ROSEIRES	01	8	14	1	1	3	5	6	28	74													172
EL OBEID	02	9	16	2	1	8	3	5	34	44													174
EL FÂSHER	01	8	16	3	1	4	8,4	—	33	47										—			175
GENEINA	02	8	24	1	1	7	6,4	—	30	59										—			179
KADUGLI	02	8	12	1	2	6	4	9	30	59													187
S. SÛDÂN																							
MALAKÂL	95	7	02	1	9	8	6	11	22	94													176
WÂU																							177
JUBA	01	8	02	1	1	3	8	11	31	59													173

At 8h. on THURSDAY 28th (الساعة ٨ يوم الخميس ٢٨)

Station	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff from normal mbs.	Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm. °C	Minimum Today °C (mm)	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	26	2	0	0	—	11.1	−0.6	26.3	30	+2	22	0	79	0	55	161
MARIUT	00	7	27	3	0	0	—	9		29	30	—	26	—	70	0	139	138
ALEXANDRIA	00	9	28	4	0	0	—	10.0	−1.5	28.8	32	+2	26	+3	68	0	106	186
DAMIETTA	00	7	28	2	0	0	—	7.8	−2.6	29.2	33	—	24	—	71	0	32	106
PORT SA'ÎD	00	8	26	2	0	0	—	8.2	−1.7	28.8	33	+2	26	+2	78	0	27	81
EL 'ARÎSH	01	9	24	2	1	3	8	7.5	−2.9	29.1	31	+1	23	+3	73	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	32	3	0	0	—	9.1	−1.9	28.2	33	+1	22	+2	72	0	84	101
MANSÛRA	00	8	02	1	0	0	—	8.4	−2.4	28.6	37	+3	21	+1	72	0	15	55
TANTA	00	8	00	0	0	0	—	9.0	−2.3	25.8	38	+4	19	0	82	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	9.1	−2.5	27.4	36	+1	20	+1	77	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	9.5	−1.8	28.3	38	—	21	—	65	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	29	2	0	0	—	9.2	−2.0	26.5	38	—	23	—	74	0	14	—
CAIRO EZBEKÎYA	00	6	26	2	0	0	—	9.2	−2.0	27.3	38	+4	23	+2	70	0	13	26
CAIRO GÎZA	00	7	30	1	0	0	—	9.8	−1.4	27.6	39	+5	22	+3	68	0	20	27
HELWÂN	05	6	28	1	0	0	—	9.2	−1.7	25.6	38	+4	22	+1	72	0	5	29
SUEZ	00	9	30	1	0	0	—			28.2	39	+4	24	+1	70	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	9.4	−1.6	27.8	40	+5	24	+3	63	0	8	8
MINYA	00	9	32	2	0	0	—	9.4	−0.8	26.2	38	+3	21	0	60	0	dr.	—
ASYÛT	00	7	28	2	0	0	—	9.0	−0.9	27.1	38	+2	24	+2	64	0	0	4
NAG HAMÂDI	00	8	00	0	0	0	—	7.5	−1.4	28.7	38	—	19	—	65	0	0	—
QENA	00	7	22	3	0	0	—	6.2	−2.2	29.3	42	+2	26	+2	53	0	dr.	—
LUXOR	00	9	26	2	0	0	—	6.8	−1.6	33.5	41	0	24	+2	35	0	dr.	—
ASWÂN	00	9	00	0	0	0	—	7.0	−1.1	34.0	42	+1	28	+2	18	0	dr.	—
WESTERN DESERT																		
SÎWA																	2	8
BAHARÎYA	00	8	32	2	0	0	—	9.2	−2.6	27.2	39	+3	23	+3	61	0	dr.	7
KHÂRGA	00	9	32	1	0	0	—			30.0	39	0	26	+4	35	0	dr.	—
DÂKHLA	00	8	28	2	0	0	—	10.6	−0.1	28.2	38	0	25	+3	27	0	dr.	—
RED SEA																		
TÔR	00	7	28	6	0	0	—	5.2	−2.3	29.1	35	+1	25	+1	75	0	2	13
HURGHÂDA	00	7	28	4	0	0	—	5.4	−2.5	31.2	35	+1	26	+1	54	0	dr.	3
QUSEIR	00	8	32	2	0	0	—	5.2	−2.3	32.7	34	0	26	−1	44	0	dr.	4
PORT SÛDÂN	00	8	00	0	1	2	1	5		36			26		42	0	156	105
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	8		29			27		25	0	tr.	—
KAREIMA	00	8	08	1	0	3	1	8		29			27		29	0	7	24
'ATBARA	00	7	20	3	0	3	4,2	7		31			28		46	0	55	61
KHARTÛM	01	7	16	5	2	3	4	9		30			27		66	0	52	138
KASSALA	01	8	00	0	1	4	4,1	8		28			21		70	35	145	256
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	4	1	4	3	11		26					70	0	233	320
RENK	02	9	20	2	2	8	8	14		24		—		—	84	—	—	413
ROSEIRES	02	7	24	2	2	8	9	10		22					94	11	670	624
EL OBEID	02	8	18	2	1	5	4,5	10		26			22		74	2	345	298
EL FÂSHER	00	8	00	0	1	3	4,2	—	—	26			23		55	0	119	262
GENEINA								—	—			—		—		—	—	468
KADUGLI	02	8	20	1	2	6	4	11		23		—		—	89	—	—	596
S. SÛDÂN																		
MALAKÂL	02	8	18	3	8	7	6	12		23			21		94	13	682	693
WÂU	02	8	24	1	1	6	5	11		22			21		94	3	934	916
JUBA																60	1056	841

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

UPPER WINDS ON 27th (الرياح العليا يوم ٢٧)

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA 12 h. 45 m.	LUXOR 13 h. m.	HURGHÂDA 13 h. m.	WÂDI HALFA 13 h. m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA 13 h. m.	EL OBEID 13 h. 15 m.	MALAKAL h. m.	JUBA h. m.
				03 33 20	03 26 20	06 32 35	03 33 15	03 27 05	06 22 35	06 23 15	06 21 25		
				06 31 30	06 25 15	09 30 25	06 32 25	06 32 10	09 24 30	09 23 15	09 22 30		
				09 31 25	09 26 15	15 20 30	09 32 20	09 31 15	15 26 30	15 27 15	15 21 30		
				15 34 20	15 27 05	21 23 40	15 32 25	15 33 20			21 15 15		
				18 01 30			21 27 35	21 29 15					
				21 03 30			30 24 35	30 17 15					
				24 01 35			39 24 20	39 14 05					
				30 32 25			45 23 35	45 17 15					
				36 35 15									

UPPER WINDS ON 28th (الرياح العليا يوم ٢٨)

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

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

KASSALA 7 h. m.	PORT SÛDÂN 6 h. 45 m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL h. m.
06 28 05	03 27 05		09 18 15		
09 26 05	06 26 10		15 21 05		
15 17 10	09 23 05		21 16 05		
21 08 05	15 30 25		24 21 05		
24 05 05	21 33 15		30 23 30		
30 08 15	24 32 15		33 23 30		
33 07 20	30 31 10		39 22 30		
	39 25 15		45 22 30		
	45 25 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	1947	1946
	28th	9265	11221
	27th	9259	11221

Mean of day

STATION	Humidity % on 27th	Diff from normal	Wet Bulb Temp °C on 27th	Diff from normal
Alexandria	68	−3	24.3	+1.5
Ezbekiya	67	+5	24.6	+2.1
Giza	62	−2	24.6	+2.6
Helwân	69	+17	23.8	+3.3

GÎZA — GRASS MINIMUM TEMP. ON °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28th	14.09	+0.30	14.24	+0.46
Nâsser		10.30	+0.29	10.28	+0.30
Malakâl		11.97	+0.05	11.95	+0.05
J. Aulia Res.		376.59	—	376.59	—
J. Aulia D.S		375.64	+0.29	375.63	+0.31
Roseires		20.54	+1.38	20.55	+1.37
Sennar Res.		17.20	—	17.21	—
Khartûm		16.14	+0.47	15.96	+0.30
Kh. el Girba		14.73	+0.37	15.78	+1.40
'Atbara		15.75	+0.60	15.83	+0.70
Kajnarti		142.44	+0.95	142.42	+1.01
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.61	+0.61	92.61	+0.66
Roda (Cairo)		18.87	+0.46	18.70	+0.34

CYPRUS SYNOPTIC 8h ON 28th
34700 00990 08200 05292 30300 00200

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			

WIND FORCE (F)

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Time of Sunrise h. m. 05 29 — Sunset h. m. 18 22

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

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

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	28	3	0	0	—	11.4	30.7	71	0	00	8	00	0	0	0	—	11.2	27.9	77	0	131
MARIUT	00	8	28	3	0	0	—	10	31	62	0	00	7	29	2	0	0	—	11	27	94	0	150
ALEXANDRIA	00	9	28	5	0	0	—	10.4	31.0	60	0	00	6	32	1	0	0	—	11.6	28.0	70	0	132
DAMIETTA	00	8	30	3	0	0	—	8.4	31.4	62	0	00	7	28	2	0	0	—	9.6	27.3	75	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	8.4	33.6		0	00	8	30	4	0	0	—	9.9	28.9	65	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	7.1	31.3	74	0	00	9	30	2	0	0	—	8.4	29.8	79	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	4	0	0	—	9.4	32.6	50	0	00	7	32	3	0	0	—	11.2	26.2	75	0	136
MANSÛRA	00	8	02	2	0	0	—	8.0	36.6	34	0	00	6	32	2	0	0	—	10.6	27.6	63	0	137
TANTA	00	8	28	2	0	0	—	8.3	36.6	36	0	00	8	00	0	0	0	—	11.1	27.2	77	0	138
ZAGAZIG	00	6	32	2	0	0	—	8.0	36.2	50	0	00	6	32	2	0	0	—	9.8	27.8	73	0	139
SHEBÎN EL KÔM	00	8	02	2	0	0	—	8.7	36.9	40	0	00	7	02	2	0	0	—	9.9	25.6	71	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	30	2	0	0	—	7.8	35.7	51	0	00	7	02	2	0	0	—	10.0	30.6	60	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	8.8	35.4	35	0	00	7	28	1	0	0	—	10.8	30.2	53	0	—
CAIRO GÎZA	00	8	28	1	0	0	—	8.7	35.3	36	0	00	7	28	1	0	0	—	10.7	29.9	55	0	—
HELWÂN	05	7	30	4	0	0	—	7.5	36.0	29	0	00	6	32	5	0	0	—	10.0	31.0	42	0	143
SUEZ	00	9	30	2	0	0	—		37.0	30	0	00	9	30	2	0	0	—		31.8	48	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	—	7.0	37.0	26	0	00	8	32	3	0	0	—	9.1	32.8	27	0	153
MINYA	00	9	32	4	0	0	—	7.5	36.3	33	0	00	9	32	3	0	0	—	8.7	32.0	38	0	154
ASYÛT	00	8	28	2	0	0	—	6.7	36.0	20	0	00	6	28	1	0	0	—	6.4	33.1	30	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	4.3	38.3	24	0	00	8	00	0	0	0	—	4.3	28.7	50	0	164
QENA	00	8	24	2	0	0	—	3.5	41.2	25	0	00	6	24	2	0	0	—	4.0	32.2	36	0	156
LUXOR	00	9	22	2	0	0	—	4.0	41.0	19	0	00	8	18	2	0	0	—	3.5	32.0	33	0	157
ASWÂN	00	9	30	2	0	0	—	3.9	40.4	15	0	00	9	00	0	0	0	—	4.4	37.0	14	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	11.8	37.0	78	0	00		00	0	0	0	—	11.1	30.4	63	0	148
BAHARÎYA	00	8	04	2	0	0	—	7.9	39.0	24	0	00	7	32	2	0	0	—	9.0	34.0	27	0	149
KHÂRGA	00	9	32	2	0	0	—		39.0		0	00	9	32	1	0	0	—		32.1	27	0	151
DAKHLA	00	9	28	2	0	0	—	7.8	37.7	18	0	00	8	00	0	0	0	—		34.2	22	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	5.9	36.8	64	0	00	7	28	5	0	0	—	5.0	31.8	49	0	145
HURGHÂDA	00	7	02	3	0	0	—	5.2	33.1	63	0	00	7	28	6	0	0	—	4.4	30.2	41	0	146
QUSEIR	00	8	02	2	0	0	—	5.0	32.8	57	0	00	8	32	1	0	0	—	4.4	30.3	59	0	147
PORT SÛDÂN	00	8	08	3	0	0	—	1	36	59													208
NORTH SÛDÂN																							
WÂDI HALFA	00	7	30	3	0	0	—	5	40	11													165
KAREIMA	00	8	04	2	1	1	4	5	42	08													166
'ATBARA	00	7	24	2	0	0	—		41	16													167
KHARTÛM	00	8	20	4	0	1	4	5	38	42													209
KASSALA	01	8	16	2	1	3	1	5	34	41													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	24	4	1	4	8	7	26	84													171
RENK	01	9	20	2	1	4	1	10	28	79													182
ROSEIRES	00	8	20	1	1	0	—	7	31	62													172
EL OBEID	01	9	18	3	1	5	8,4	7	28	62													174
EL FÂSHER	93	8	08	4	9	7	6,4	—	24	84									—				175
GENEINA								—											—				179
KADUGLI	02	8	20	1	2	6	4	9	27	84													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU	01	8	20	1	1	4	8,4	8	32	52													177
JUBA																							173

At 8h. on FRIDAY 29th (الساعة ٨ يوم الجمعة ٢٩)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car 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												—		—				
MATRÛH	00	9	26	2	0	1	8	12.4	+0.6	26.5	31	+3	22	0	82	0	55	161
MARIUT	00	7	28	2	0	0	—	11		29	32	—	26	—	66	0	139	138
ALEXANDRIA	00	9	30	3	0	0	—	11.1	−0.5	28.0	32	+2	26	+3	74	0	106	186
DAMIETTA	00	7	28	1	0	0	—	10.6	−0.1	28.9	32	—	20	—	76	0	32	106
PORT SA'ÎD	00	7	24	1	0	0	—	10.6	−0.6	27.8	34	+3	25	+2	84	0	27	81
EL 'ARÎSH	00	9	22	1	0	0	—	10.3	−0.2	30.7	33	+3	22	+2	59	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	28	3	0	0	—	11.2	+0.1	26.8	33	+1	21	+1	78	0	84	101
MANSÛRA	00	8	28	1	0	0	—	10.8	−0.2	28.6	38	+4	20	0	73	0	15	55
TANTA	00	8	00	0	0	0	—	11.0	−0.4	26.5	37	+3	18	−1	88	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	11.5	−0.2	28.6	37	+2	21	+2	74	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	10.2	−1.2	28.6	37	—	21	—	67	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	30	1	0	0	—	11.6		27.2	37	—	22	—	71	0	14	—
CAIRO EZBEKÎYA	00	7	28	2	0	0	—	11.6	+0.3	28.1	36	+2	22	+1	61	0	13	26
CAIRO GÎZA	00	7	30	1	0	0	—	11.6	+0.3	28.1	36	+2	20	+1	62	0	20	27
HELWÂN	00	6	32	1	0	0	—	11.5	+0.5	27.0	38	+4	22	+1	52	0	5	29
SUEZ	00	9	02	1	0	0	—			27.8	40	+5	22	−1	60	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	11.0	−0.1	29.0	39	+4	21	0	47	0	8	8
MINYA	00	9	32	2	0	0	—	9.0	−1.3	26.0	38	+3	21	0	62	0	dr.	—
ASYÛT	00	7	29	2	0	0	—	9.4	−0.6	27.8	38	+3	22	0	45	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.8	−1.2	30.8	39	—	23	—	41	0	0	
QENA	00	7	32	2	0	0	—	7.2	−1.2	31.0	42	+2	26	+3	40	0	dr.	—
LUXOR	00	8	28	2	0	0	—	7.1	−1.4	33.0	42	±1	24	+2	39	0	dr.	—
ASWÂN	00	9	32	1	0	0	—	6.8	−1.4	32.6	42	+1	25	0	22	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	12.7	−0.4	27.2	42	+5	20	+1	65	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	10.8	−1.1	28.0	39	+3	25	+6	44	0	dr.	7
KHÂRGA	00	9	30	2	0	0	—			32.0	40	+1	28	+6	26	0	dr.	—
DÂKHLA	00	8	00	0	0	0	—	10.0	−0.8	31.8	38	0	27	+5	34	0	dr.	—
RED SEA																		
TÔR	00	7	28	5	0	0	—	6.2	−1.0	31.4	37	+3	25	+1	68	0	2	13
HURGHÂDA	00	8	26	4	0	0	—	7.0	−1.0	31.6	36	+2	26	+2	53	0	dr.	3
QUSEIR	00	8	32	2	0	0	—	6.2	−1.3	32.2	34	0	28	+1	48	0	dr.	4
PORT SÛDÂN	00	8	14	2	0	1	1	4		36			26		40	0	156	105
NORTH SÛDÂN																		
WÂDI HALFA	00	8	28	1	0	0	—	7		28					20	0	tr.	—
KAREIMA	01	8	06	2	1	3	4	7		33			28		15	0	7	24
'ATBARA	02	7	24	2	1	7	4	6		32			27		24	0	55	62
KHARTÛM	00	8	22	2	0	3	4	7		31					70	0	52	141
KASSALA	01	8	14	3	1	4	4	9		27			24		79	0	145	260
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	18	3	1	3	1	9		28					70	0	233	324
RENK	00	9	20	3	0	0	—	11		26		—		—	84	—	—	418
ROSEIRES	00	8	12	1	1	2	4	9		23					45	0	670	631
EL OBEID	01	9	20	3	1	4	4	9		27			23		79	0	345	282
EL FÂSHER	06	8	00	0	1	1	4	—	—	22			20		94	2	121	267
GENEINA								—	—			—		—		—	—	475
KADUGLI	01	8	04	1	1	5	4	11		24		—		—	94	—	—	600
S. SÛDÂN																		
MALAKÂL																0	682	679
WÂU	01	8	20	1	1	3	5	11		26			22		84	0	934	922
JUBA																0	1056	845

UPPER WINDS ON 28th (الرياح العليا يوم ٢٨)

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

Matrûh, Mariut, Port Sa'îd, Almâza, Minya, Luxor, Hurghâda, Khartûm, Malakal, Juba: no entries.

Wâdi Halfa 13h.	Kareima 12h. 30m.	Kassala 13h.	El Obeid 13h.
09 34 40	09 35 10	09 21 15	09 20 15
15 33 35	15 32 20	15 23 15	15 24 15
21 33 50	21 31 35	21 22 20	21 01 10
	30 27 10	30 24 20	24 02 15
	33 28 15		
	39 31 10		
	45 32 05		
	54 30 10		

UPPER WINDS ON 29th (الرياح العليا يوم ٢٩)

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

Matrûh, Mariut, Port Sa'îd, Helwân, Minya, Asyût, Luxor, Aswân, Kareima: no entries.

Wâdi Halfa 7h.	Khartûm 6h. 30m.
09 33 30	09 28 30
15 34 15	15 36 25
21 34 15	21 36 25
24 28 15	27 36 20
30 23 45	30 35 20
33 24 40	33 02 20
39 24 25	
45 26 30	
51 26 25	

Geneina, Malakal: no entries.

Kassala 7h.	Port Sûdân 7h.	El Obeid 7h.	El Fâsher 7h.
09 20 60	09 02 10	09 25 25	09 34 05
15 27 20		15 25 20	15 26 05
21 28 30	24 31 10	21 03 30	21 07 30
24 32 30	30 27 20	24 03 40	24 07 35
30 01 25	39 32 15		30 07 20
33 02 25	45 31 15		33 07 60
39 03 25			39 07 55
45 04 25			

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	1947	1946
29-8	9316	11221
28-8	9265	11221

Station	Mean of day: Humidity % on 28th	Diff from normal	Wet bulb temp °C on 28th	Diff from normal
Alexandria	67	−4	24.4	+1.7
Ezbekiya	57	−5	23.5	+1.0
Gîza	57	−7	23.6	+1.7
Helwân	54	+2	22.3	+1.8

GÎZA — Grass minimum temp on ... °C

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

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29-8-1947			14.09	+0.30
Nâsser		10.33	+0.31	10.30	+0.29
Malakâl		11.98	+0.06	11.97	+0.05
J. Aulia Res.				376.59	—
J. Aulia D.S				375.64	+0.29
Roseires		20.30	+1.16	20.54	+1.38
Sennar Res.		17.18	—	17.20	—
Khartûm		16.22	+0.53	16.14	+0.47
Kh. el Girba		14.50	+0.17	14.73	+0.37
'Atbara		15.58	+0.43	15.75	+0.60
Kajnarti		142.68	+1.13	142.44	+0.95
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.61	+0.58	92.61	+0.61
Roda (Cairo)		19.03	+0.60	18.87	+0.46

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			

CYPRUS SYNOPTIC 8h. ON 29th

34700 00790 22400 07292 10304

34600 [illegible] 26400 06302 [illegible]

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
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

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

DAILY WEATHER REPORT

Time of Sunrise h. m. 05 20
Sunset h. m. 18 21

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

At 14h. on FRIDAY 29th — الساعة ١٤ يوم الجمعة ٢٩ — At 20h. on 29th — الساعة ٢٠ يوم الجمعة ٢٩

Region	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	28	4	0	0	—	12.3	28.4	85	0	00	8	32	2	0	0	—	12.6	26.9	78	0	131
	MARIUT	00	7	30	3	0	0	—	12	30	66	0	00	7	29	2	0	0	—	12	26	89	0	150
	ALEXANDRIA	00	9	28	4	0	0	—	11.9	30.0	68	0	00	6	28	2	0	0	—	13.0	27.0	78	0	132
	DAMIETTA	00	7	28	3	0	0	—	10.4	29.0	76	0	00	6	28	2	1	2	8	11.0	29.0	88	0	159
	PORT SAÏD	00	8	30	4	0	0	—	10.6	32.7	63	0	00	8	28	3	0	0	—	11.9	27.0	82	0	134
	EL ARÎSH	00	9	28	4	0	0	—	9.5	29.8	77	0	01	9	28	3	2	4	8	11.2	28.3	86	0	135
Lower Egypt	DAMANHÛR	00	7	28	3	0	0	—	11.6	32.6	58	0	00	7	28	3	0	0	—	12.6	25.6	74	0	136
	MANSÛRA	00	8	02	1	0	0	—	10.6	35.0	37	0	00	6	28	2	0	0	—	12.7	26.6	80	0	137
	TANTA	00	8	32	5	0	0	—	10.6	36.0	42	0	00	8	28	3	0	0	—	11.6	27.0	86	0	138
	ZAGAZIG	00	6	32	2	0	0	—	10.6	35.4	52	0	00	6	24	2	0	0	—	11.6	27.4	72	0	139
	SHEBÎN EL KÔM	00	8	04	3	0	0	—	9.9	36.3	43	0	00	7	04	2	0	0	—	11.1	26.6	77	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	30	2	0	0	—	10	36	33	0	00	7	04	3	0	0	—	10.6	30.2	52	0	141
	CAIRO EZBEKÎYA	00	8	28	2	0	0	—	10.0	36.0	37	0	00	7	02	1	0	0	—	11.6	29.4	63	0	—
	CAIRO GÎZA	00	8	30	1	0	0	—	10.4	35.8	38	0	00	7	02	1	0	0	—	11.8	29.4	58	0	—
	HELWÂN	00	7	28	4	0	0	—	9.2	37.3	18	0	00	7	32	2	0	0	—	11.2	30.8	50	0	143
	SUEZ	00	9	02	1	0	0	—		36.8	31	0	00	9	02	1	0	0	—		29.8	61	0	144
Upper Egypt	FAIYÛM	00	8	02	2	0	0	—	8.8	38.5	17	0	00	8	02	2	0	0	—	10.2	31.0	42	0	153
	MINYA	00	8	32	4	0	0	—	9.1	36.0	29	0	00	9	28	3	0	0	—	9.5	33.0	34	0	154
	ASYÛT	00	8	30	2	0	0	—	7.4	38.0	16	0	00	6	28	2	0	0	—	8.0	34.5	25	0	155
	NAG HAMÂDI	00	8	00	0	0	0	—	5.0	40.6	25	0	00	8	04	3	0	0	—	4.2	37.2	14	0	164
	QENA	00	8	24	2	0	0	—	3.8	43.0	20	0	00	6	32	2	0	0	—	4.4	36.4	22	0	156
	LUXOR	00	9	26	2	0	0	—	4.8	43.0	13	0	00	8	02	2	0	0	—	3.6	35.0	24	0	157
	ASWÂN												00	9	32	1	0	0	—	3.4	37.5	14	0	158
Western Desert	SÎWA	00	8	20	4	0	0	—	11.0	42.0	11	0	00		00	0	0	0	—	11.1	35.0	39	0	148
	BAHARÎYA	00	8	32	1	0	0	—	8.8	40.0	22	0	00	7	28	2	0	0	—	9.6	34.1	43	0	149
	KHÂRGA	00	9	30	2	0	0	—		40.7	08	0	00	9	32	3	0	0	—		38.2	11	0	151
	DAKHLA	00	9	28	3	0	0	—		40.0	12	0	00	8	28	2	0	0	—		37.9	13	0	152
Red Sea	TÔR	00	7	28	5	0	0	—	5.6	32.8	68	0	00	7	28	4	0	0	—		29.9	47	0	145
	HURGHÂDA	00	7	32	6	0	0	—	4.6	36.7	49	0	00	7	28	6	0	0	—	3.5	32.8	46	0	146
	QUSEIR	00	8	32	3	0	0	—	5.6	34.9	39	0	00	8	30	3	0	0	—	4.0	32.3	54	0	147
	PORT SÛDÂN	00	8	04	4	0	0	—	3	36	62													208
North Sûdân	WÂDI HALFA	00	8	32	2	0	0	—	4	41	10													165
	KAREIMA	02	8	08	2	1	8	2	5	42	05													166
	'ATBARA	01	7	24	2	1	4	4	1	42	09													167
	KHARTÛM	02	8	26	2	1	5	4	3	41	32													209
	KASSALA	01	8	18	2	1	3	8,4	5	34	53													170
Central Sûdân	WAD MEDANI	02	8	18	3	1	5	8	4	37	35													171
	RENK																							182
	ROSEIRES																							172
	EL OBEID	01	9	26	3	1	4	8,4	4	34	41													174
	EL FÂSHER	01	8	00	0	1	4	8,4	—	33	38									—				175
	GENEINA	02	8	16	1	1	6	8,4	—	27	70									—				179
	KADUGLI	01	8	20	2	1	4	4	7	35	59													187
S. Sûdân	MALAKÂL	02	8	16	1	1	5	9,4	7	32	63													176
	WÂU	01	8	20	1	1	5	8	7	33	47													177
	JUBA	02	8	12	2	1	5	8,4	7	33	53													1/3

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

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

MATRÛH h. m.	MARIUT h. m.	PORT SAÏD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA h. m.
							03 29 05	03 36 05	06 29 10	06 22 20	06 21 15	06 20 10	
							06 30 05	06 32 10	09 31 05	09 21 20	09 23 15	09 20 10	
							09 03 05	09 31 10	15 36 05	15 23 30	15 28 25	15 16 15	
							15 03 10	15 32 10	21 34 10	21 23 15	21 23 05	21 16 15	
							21 01 15	21 27 02	24 33 10		24 35 05	24 16 15	
							24 02 15	24 28 15	27 36 02		27 05 05	30 13 30	
							30 27 15	30 26 15	30 03 05		30 06 05	33 11 25	
							33 26 50	33 28 15	33 04 10			39 07 20	
							39 24 25	39 28 15					

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

MATRÛH h. m.	~~MARIUT~~ Helwan 09h. 15m.	PORT SAÏD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
	02 35 10				02 36 10		02 01 15				
	05 36 10				05 02 45 ?		05 01 35				
	08 02 15				10 04 90		10 02 30				
	10 34 30						15 04 60				
	15 34 60						20 05 40				
	20 33 60						25 05 30				
	23 32 65						30 06 30				
	25 32 65						35 07 35				
							40 06 10				

KASSALA 7h 15m.	PORT SÛDÂN 7h. 15m.	EL OBEID h. m.	EL FÂSHER 7h. m.	GENEINA 7h 15m.	MALAKAL h. m.
	03 32 15		09 31 15	09 27 15	
06 16 50	06 31 10		15 35 30	15 35 20	
09 17 60	09 27 10		21 35 10	18 03 25	
15 25 15	15 29 10		30 04 20		
21 28 15			39 05 30		
30 31 15			45 06 20		
39 31 05			60 11 25		

Remarks

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
30-8	9413	11296
29-8	9316	11221

STATION	Mean of day: Humidity % on 29th	Diff from normal	Wet bulb temp °C on 29th	Diff from normal
Alexandria	74	+3	24.8	+2.1
Ezbekiya	57	-5	23.9	+1.5
Giza	65	+1	23.7	+1.8
Helwân	48	-4	21.5	+1.0

GÎZA — GRASS MINIMUM TEMP ON °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-8-47				
Nâsser				10.33	+0.31
Malakâl		12.01	+0.08	11.98	+0.06
J. Aulia Res.					
J. Aulia D.S					
Roseires		20.15	+1.03	20.30	+1.16
Sennar Res.				17.18	—
Khartûm				16.22	+0.53
Kh. el Girba				14.50	+0.17
'Atbara		15.56	+0.42	15.58	+0.43
Kajnarti				142.68	+1.13
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.71	+0.65	92.61	+0.58
Roda (Cairo)		19.21	+0.75	19.03	+0.60

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

At 8h. on SATURDAY 30th — الساعة ٨ يوم السبت ٣٠

Region	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.	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												—		—				
	MATRÛH	01	9	30	2	1	4	8	13.6	+1.7	27.1	29	+1	25	+3	69	0	55	161
	MARIUT	01	8	00	0	0	3	8	13		27	31	—	23	—	74	0	139	138
	ALEXANDRIA	01	9	08	2	1	4	8	13.6	+1.9	28.4	32	+2	25	+2	64	0	106	186
	DAMIETTA	01	8	28	2	1	4	8	12.6	+2.0	27.0	32	—	21	—	72	0	32	106
	PORT SAÏD	01	8	30	1	1	3	4	12.6	+2.4	28.2	33	+2	25	+2	65	0	27	81
	EL ARÎSH	01	9	32	3	1	4	8	11.8	+1.2	28.4	32	+2	24	+4	70	0	47	94
Lower Egypt	DAMANHÛR	01	7	04	3	1	3	8	12.7	+1.5	26.0	33	+1	21	+1	84	0	84	101
	MANSÛRA	00	8	02	1	0	0	—	13.1	+2.0	27.2	37	+3	22	+2	75	0	15	55
	TANTA	01	8	00	0	1	4	8	13.8	+2.2	25.0	36	+2	19	0	96	0	8	44
	ZAGAZIG	02	6	04	2	2	5	8	13.0	+1.2	24.4	37	+3	21	+2	95	0	24	27
	SHEBÎN EL KÔM	01	8	02	2	1	3	8	13.5	+2.0	27.2	37	—	21	—	76	0	9	—
Middle Egypt	CAIRO ALMAZA	01	7	05	2	0	3	6	12.7	+1.3	26.0	37	—	23	—	76	0	14	—
	CAIRO EZBEKÎYA	00	7	28	2	0	0	—	12.7	+1.3	27.0	37	+3	24	+3	75	0	13	26
	CAIRO GÎZA	05	6	04	1	0	1	8	13.1	+1.7	27.2	36	+3	22	+3	73	0	20	27
	HELWÂN	00	7	04	1	0	0	—	12.4	+1.3	26.5	38	+4	22	+1	57	0	5	29
	SUEZ	00	9	32	1	0	0	—			26.4	39	+4	24	+1	79	0	4	17
Upper Egypt	FAIYÛM	00	8	32	2	0	0	—	12.0	+0.8	27.0	39	+4	23	+2	69	0	8	8
	MINYA	00	9	32	3	0	0	—	10.6	+0.2	27.3	38	+3	22	+1	58	0	dr.	—
	ASYÛT	00	7	00	0	0	0	—	10.3	+0.2	30.5	39	+4	26	+4	48	0	0	4
	NAG HAMÂDI	00	8	00	0	0	0	—	7.5	-1.6	31.8	41	—	24	—	41	0	0	—
	QENA	00	7	32	2	0	0	—	6.8	-1.7	30.4	44	+4	27	+4	45	0	dr.	—
	LUXOR	00	9	24	1	0	0	—	6.6	-2.0	34.0	45	+4	25	+3	36	0	dr.	—
	ASWÂN	00	9	32	2	0	0	—	6.6	-1.7	32.6	43	+2	27	+2	26	0	dr.	
Western Desert	SÎWA	00	7	00	0	0	0	—	13.8	+0.6	27.0	44	+7	22	+3	69	0	2	8
	BAHARÎYA	00	8	04	1	0	0	—	11.0	+1.0	29.0	41	+6	23	+3	52	0	dr.	7
	KHÂRGA	00	9	32	2	0	0	—			31.7	42	+4	30	+8	30	0	dr.	—
	DÂKHLA	18	6	32	4	3	0	—	8.7	-2.2	34.6	42	+4	31	+9	23	0	dr.	—
Red Sea	TÔR	00	7	28	6	0	0	—	6.6	-1.1	29.8	35	+2	28	+4	67	0	2	13
	HURGHÂDA	00	7	30	6	0	0	—	6.7	-1.4	30.3	37	+3	28	+4	40	0	dr.	3
	QUSEIR	00	8	32	4	0	0	—	6.4	-1.2	31.8	35	+1	30	+3	49	0	dr.	4
	PORT SÛDÂN	05	6	06	2	0	0	—	4		36			27		44	0	156	105
North Sûdân	WÂDI HALFA																0	tr.	—
	KAREIMA																0	7	25
	'ATBARA	18	6	20	3	0	1	4	6		32			29		46	0	55	63
	KHARTÛM	01	7	16	5	1	3	4	7		29			24		74	0	52	144
	KASSALA	01	8	14	4	1	4	4	8		27			22		58	6	151	263
Central Sûdân	WAD MEDANI	01	9	18	5	1	4	4	7		27					58	0	233	328
	RENK												—		—		—	—	422
	ROSEIRES	01	8	24	1	1	3	4	9		22					95	14	684	638
	EL OBEID	02	9	16	4	1	7	4	9		26			23		74	0	345	286
	EL FÂSHER	01	8	30	1	1	5	4	—	—	26			23		74	0	121	271
	GENEINA	02	8	00	0	1	6	6,4	—	—	23		—	21	—	95	—	—	482
	KADUGLI	01	8	04	1	2	5	1	10		24		—		—	84	—	—	604
S. Sûdân	MALAKÂL	02	8	00	0	1	5	4	10		26			19		79	32	714	685
	WÂU	52	8	20	1	6	8	6,5	11		22			21		94	110	1044	928
	JUBA	02	8	12	2	1	6	4,5	11		25			21		84	0	1056	849

CYPRUS SYNOPTIC 8h ON 30th
34880 01953 26403 10261 40204 00190
34700 00990 22400 09281 70102 00220

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			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder no rain	11
Distant Duststorm	12
Squall	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog ... past hour	[illegible]
Thick ...	42
Fog ...	49
Drizzle	50-59
Rain	60-69
Rain and Fog	[illegible]
Rain and Snow	[illegible]
Snow	70-7[illegible]
Showers	80-89
... of Snow	83, 84
... of Sleet	85, 86
... of Hail	88, 89
Thunderstorm	90-99
... Snow Rain	9[illegible]
... with Hail	94-96
... with Duststorm	98
... heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise h. m. 05 31
Sunset h. m. 18 20

Month AUGUST 1947 — شهر أغسطس ١٩٤٧

At 14h. on SATURDAY 30th — الساعة ١٤ يوم ٣٠ / At 20h. on 30th — الساعة ٢٠ يوم السبت ٣٠

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
Mediterranean	SALÛM											
	MATRÛH	01	9	28	3	1	4	8	14.4	28.6	65	0
	MARIUT	01	8	29	3	1	3	6	13	30	59	0
	ALEXANDRIA	01	9	28	3	2	4	8	13.1	29.0	62	0
	DAMIETTA	00	8	30	3	1	0	—	12.0	28.8	64	0
	PORT SA'ÎD	00	8	30	2	0	2	8	12.3	31.2	55	0
	EL 'ARÎSH	01	9	04	3	1	4	8	11.6	29.4	76	0
Lower Egypt	DAMANHÛR	00	7	28	4	1	0	—	12.7	31.0	49	0
	MANSÛRA	00	8	32	2	1	2	8	12.0	32.6	41	0
	TANTA	00	8	00	0	1	0	—	11.9	33.0	44	0
	ZAGAZIG	00	6	32	2	0	0	—	11.9	32.8	52	0
	SHEBÎN EL KÔM	00	8	02	3	0	0	—	12.3	34.3	38	0
Middle Egypt	CAIRO ALMÂZA	00	8	32	3	0	0	—	11	33	38	0
	CAIRO EZBEKÎYA	00	8	28	2	0	0	—	11.6	32.9	44	0
	CAIRO GÎZA	00	8	28	2	0	0	—	11.9	32.0	41	0
	HELWÂN	00	7	30	5	0	0	—	10.8	33.7	26	0
	SUEZ	00	9	32	1	0	0	—		34.2	31	0
Upper Egypt	FAIYÛM	00	8	32	3	0	0	—	10.3	35.0	26	0
	MINYA	00	8	32	4	0	0	—	9.1	37.0	32	0
	ASYÛT											
	NAG' HAMÂDI	00	8	08	3	3	0	—	5.6	42.3		0
	QENA	00	8	06	3	0	0	—	5.1	44.3	15	0
	LUXOR	00	9	32	3	0	0	—	3.6	43.0	16	0
	ASWÂN	00	9	02	1	0	0	—	1.9	43.5	16	0
Western Desert	SÎWA	00	8	28	2	0	0	—	13.5	37.6	51	0
	BAHARÎYA	00	8	32	2	0	0	—	9.9	37.0	35	0
	KHÂRGA	00	9	32	2	0	0	—		41.0	09	0
	DAKHLA	00	9	02	4	0	0	—	7.8	40.9	14	0
Red Sea	TÔR	00	7	28	6	0	0	—	7.8	33.2	65	0
	HURGHÂDA	00	7	02	5	0	0	—	6.3	35.2	37	0
	QUSEIR	00	8	02	3	0	0	—	6.3	33.0	56	0
	PORT SÛDÂN	20	7	04	3	0	2	4	2	36	62	
North Sûdân	WÂDI HALFA	00	8	02	2	0	0	—	3	42	08	
	KAREIMA	02	8	20	2	1	8	4,2	3	41	10	
	'ATBARA	00	7	24	2	0	1	4	1	42	14	
	KHARTÛM	00	8	22	3	1	2	1	3	38	45	
	KASSALA	00	8	14	2	0	1	8	4	35	47	
Central Sûdân	WAD MEDANI											
	RENK	01	9	20	2	0	4	1	7	29	78	
	ROSEIRES	01	8	20	1	1	3	4	7	27	84	
	EL OBEID	01	9	20	4	1	3	8,1	4	33	47	
	EL FÂSHER	02	7	30	3	1	7	2	—	35	22	
	GENEINA	01	8	32	3	1	5	8,1	—	32	41	
	KADUGLI	01	8	20	1	1	5	4	8	28	70	
S. Sûdân	MALAKÂL											
	WÂU											
	JUBA											

Station	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	8	32	3	1	3	8	14.6	26.8	67	0	131
MARIUT	01	7	30	2	0	3	6	14	26	70	0	150
ALEXANDRIA	01	6	32	3	2	4	4	14.6	26.0	72	0	132
DAMIETTA	00	7	28	2	1	2	8	13.2	26.0	69	0	159
PORT SA'ÎD	01	8	30	3	1	4	8	13.4	29.4	71	0	134
EL 'ARÎSH	01	9	28	3	1	5	8	12.4	28.9	58	0	135
DAMANHÛR	01	7	28	2	1	3	8	14.0	25.0	77	0	136
MANSÛRA	00	6	02	2	1	0	—	13.5	25.6	70	0	137
TANTA	00	8	00	0	0	0	—	13.6	24.5	80	0	138
ZAGAZIG	00	6	32	2	0	0	—	13.5	26.4	71	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	13.9	25.6	71	0	—
CAIRO ALMÂZA	00	7	02	3	0	0	—	13.2	28.6	55	0	141
CAIRO EZBEKÎYA	00	7	30	2	0	0	—	14.0	28.5	55	0	—
CAIRO GÎZA	00	7	30	2	0	0	—	13.2	27.6	58	0	—
HELWÂN	00	7	32	4	0	0	—	13.0	28.3	55	0	143
SUEZ	00	9	02	2	0	0	—	10.6	28.2	61	0	144
FAIYÛM	00	8	02	2	0	0	—	12.2	29.7	50	0	153
MINYA	00	9	32	3	1	0	—	10.6	31.8	44	0	154
ASYÛT	00	6	30	2	0	0	—	9.1	32.8	33	0	155
NAG' HAMÂDI	00	8	32	1	0	0	—	6.2	36.7	20	0	164
QENA	00	6	26	3	0	0	—	5.8	37.0	19	0	156
LUXOR	00	8	30	3	0	0	—	4.0	36.0	25	0	157
ASWÂN	00	9	04	1	0	0	—	3.9	39.0	14	0	158
SÎWA	00		28	2	0	0	—	14.0	33.4	54	0	148
BAHARÎYA	00	7	32	1	0	0	—	10.3	33.0	37	0	149
KHÂRGA	00	9	32	3	0	0	—		35.7	14	0	151
DAKHLA	00	8	30	2	0	0	—	8.3	37.2	14	0	152
TÔR	00	7	28	2	0	0	—	7.0	32.2	69	0	145
HURGHÂDA	00	7	28	7	0	0	—	6.7	32.2	34	0	146
QUSEIR	00	8	32	4	0	0	—	5.8	31.0	61	0	147
PORT SÛDÂN												206
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER								—				175
GENEINA								—				179
KADUGLI												187
MALAKÂL												176
WÂU												177
JUBA												173

At 8h on SUNDAY 31st — الساعة ٨ يوم الأحد ٣١

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.
Mediterranean	SALÛM									
	MATRÛH	00	9	00	0	0	0	—	14.3	+2.3
	MARIUT	00	7	31	1	0	1	6	14	
	ALEXANDRIA	01	9	08	1	2	4	4	13.5	+1.7
	DAMIETTA	01	8	28	3	1	3	8	13.0	+2.2
	PORT SA'ÎD	00	8	30	2	0	2	8	13.2	+2.9
	EL 'ARÎSH	01	9	32	3	1	5	8	12.4	+1.7
Lower Egypt	DAMANHÛR	01	7	28	3	1	3	8	12.4	+1.1
	MANSÛRA	00	8	02	1	0	0	—	13.2	+1.9
	TANTA	00	8	32	2	0	0	—	13.8	+2.1
	ZAGAZIG	00	6	24	3	0	0	—	13.7	+2.0
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	13.9	+2.3
Middle Egypt	CAIRO ALMAZA	00	7	01	3	0	2	8	13	
	CAIRO EZBEKÎYA	00	6	28	2	1	3	8	13.1	+1.6
	CAIRO GÎZA	05	6	02	1	0	4	8	13.4	+1.9
	HELWÂN	00	7	32	4	0	3	8	13.0	+1.8
	SUEZ	00	9	30	1	0	0	—		
Upper Egypt	FAIYÛM	01	8	32	3	1	3	8	12.4	+1.1
	MINYA	01	8	04	4	1	3	8	11.4	+0.9
	ASYÛT	00	7	30	3	0	0	—	11.0	+0.8
	NAG' HAMÂDI	00	8	32	1	0	0	—	9.9	+0.7
	QENA	00	7	24	2	0	0	—	8.2	−0.3
	LUXOR									
	ASWÂN	00	9	32	4	0	0	—	7.4	−1.0
Western Desert	SÎWA	00	7	00	0	0	0	—	15.0	+1.7
	BAHARÎYA	00	8	32	2	0	0	—	12.8	+0.7
	KHÂRGA	00	9	32	2	0	0	—		
	DÂKHLA	00	8	30	2	0	0	—	9.9	−1.1
Red Sea	TÔR	00	7	28	4	0	0	—	7.1	−0.7
	HURGHÂDA	00	7	28	6	0	0	—	8.2	0.0
	QUSEIR	00	8	32	5	0	0	—	7.4	−0.3
	PORT SÛDÂN	02	8	00	0	1	6	4,5	5	
North Sûdân	WÂDI HALFA									
	KAREIMA	01	8	26	1	1	4	4,2	5	
	'ATBARA									
	KHARTÛM	02	8	18	5	1	5	4	8	
	KASSALA	00	8	14	4	1	3	4,1	9	
Central Sûdân	WAD MEDANI	01	9	18	4	0	3	3	8	
	RENK	01	9	20	2	1	4	3	11	
	ROSEIRES	01	8	20	2	1	3	5	8	
	EL OBEID	01	9	16	3	1	4	4	7	
	EL FÂSHER	01	8	16	2	1	3	1	—	—
	GENEINA	48	3	00	0	4	9	—	—	—
	KADUGLI	00	9	24	2	0	0	—	11	
S. Sûdân	MALAKÂL	02	8	12	1	1	7	6,4	11	
	WÂU	02	8	00	0	1	7	5	11	
	JUBA	02	8	16	3	6	8	4,5	11	

Station	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
SALÛM			—		—				100
MATRÛH	27.0	29	+1	24	+2	62	0	55	161
MARIUT	27	30	—	23	—	55	0	139	138
ALEXANDRIA	26.8	31	+1	22	−1	53	0	106	186
DAMIETTA	26.5	30	—	23	—	62	0	32	106
PORT SA'ÎD	28.0	32	+1	25	+2	57	0	27	81
EL 'ARÎSH	28.4	31	+1	21	+1	50	0	47	94
DAMANHÛR	25.8	32	0	21	+1	62	0	84	101
MANSÛRA	26.8	34	0	22	+2	64	0	15	55
TANTA	26.0	34	0	19	0	62	0	8	44
ZAGAZIG	26.4	34	0	20	+1	69	0	24	27
SHEBÎN EL KÔM	27.3	35	—	20	—	62	0	9	—
CAIRO ALMAZA	24	34	—	21	—	74	0	14	—
CAIRO EZBEKÎYA	26.3	33	−1	21	0	66	0	13	26
CAIRO GÎZA	25.2	33	0	19	0	63	0	20	27
HELWÂN	24.8	34	0	21	0	69	0	5	29
SUEZ	26.0	36	+1	22	0	69	0	4	17
FAIYÛM	25.0	35	0	21	+1	73	0	8	8
MINYA	26.4	37	+2	23	+2	66	0	dr.	—
ASYÛT	25.5	38	+3	23	+1	65	0	0	4
NAG' HAMÂDI	28.6	43	—	24	—	57	0	0	—
QENA	31.0	45	+5	27	+4	47	0	dr.	—
LUXOR			—					dr.	—
ASWÂN	34.0	44	+4	29	+4	31	0	dr.	—
SÎWA	26.8	40	+3	23	+4	78	0	2	8
BAHARÎYA	25.0	37	+2	20	+1	61	0	dr.	7
KHÂRGA	27.8	42	+4	26	+4	52	0	dr.	—
DÂKHLA	31.3	41	+3	27	+5	27	0	dr.	—
TÔR	28.3	36	+3	26	+2	70	0	2	13
HURGHÂDA	28.7	38	+4	27	+3	52	0	dr.	3
QUSEIR	30.0	34	0	29	+2	54	0	dr.	4
PORT SÛDÂN	33			32		71	0	156	105
WÂDI HALFA							0	tr.	—
KAREIMA	33			26		14	0	7	25
'ATBARA							0	55	64
KHARTÛM	29			26		62	0	52	146
KASSALA	32			24		55	0	151	266
WAD MEDANI	28					66	0	233	332
RENK	29		—		—	70	—	—	426
ROSEIRES	26					74	0	684	645
EL OBEID	29			21		62	0	345	290
EL FÂSHER	24			21		69	0	121	276
GENEINA	21		—	19	—	95	—	—	489
KADUGLI	26		—		—	84	—	—	608
MALAKÂL	24			24		94	13	727	691
WÂU	23			21		89	50	1094	934
JUBA	27					84	2	1058	853

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

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

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 13h. m.	Kareima 13h. m.	Khartûm 13h.15m.	Kassala 13h. m.	El Obeid 13h.15m.	Malakal h. m.	Juba h. m.
							03 02 20	03 01 10	06 25 20	06 19 10	03 14 15		
							06 03 20	06 02 15	09 25 30	09 19 15	09 24 20		
							09 04 10	09 05 05	15 27 25	15 21 15	15 24 20		
							15 04 15	15 09 10	21 30 20	21 26 20	21 26 15		
							21 01 10	21 07 10	24 35 20	24 28 10	24 28 10		
							24 31 10	30 08 10	30 07 15	30 34 10	27 32 15		
							30 16 05	39 36 20	39 12 30	33 36 10	30 35 15		
							39 24 30	45 36 30	45 11 30	39 35 05	39 01 20		
							45 17 15						

UPPER WINDS ON 31st — الرياح العليا يوم ٣١

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

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Helwân 9h 15m.	Minya h. m.	Asyût 7h. m.	Luxor h. m.	Aswân 7h. m.	Wâdi Halfa h. m.	Abu Hamad h. m.	Kareima 7h. m.	Khartûm 7h. m.
			02 01 30		02 36 30		02 36 35			09 28 05	06 18 35
			05 03 15		05 35 35		05 36 60			15 27 10	09 20 15
			08 04 30		10 34 65		10 02 30			21 24 20	15 24 30
			10 03 40				15 08 25				21 32 05
			15 02 25				20 06 20				24 01 10
			20 03 25				25 04 25				30 06 20
			23 02 25				30 04 25				39 08 25
			25 02 35								51 08 25
			27 01 30								60 11 20

Kassala 7h. m.	Port Sûdân h. m.	El Obeid h. m.	El Fâsher 7h. m.	Geneina h. m.	Malakal 7h. m.
06 20 10			09 16 10		09 08 15
09 22 15			15 20 35		15 08 10
15 20 10			21 19 10		21 04 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	1947	1946
	31st	9804	11296
	30th	9413	11296

Station	Mean of day: Humidity % on 30th	Diff from normal	Wet Bulb Temp °C on 30th	Diff from normal
Alexandria	66	−4	23.1	+0.5
Ezbekiya	60	−3	23.?	+0.8
Giza	60	−5	22.7	+0.9
Helwân	53	+1	21.1	+0.7

GÎZA — GRASS MINIMUM TEMP ON °C

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

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31st				
Nâsser					
Malakâl				12.01	+0.08
J. Aulia Res.				376.85	—
J. Aulia D.S				375.93	+0.53
Roseires		19.65	+0.54	20.15	+1.03
Sennar Res.				17.19	—
Khartûm		16.37	+0.68	16.36	+0.67
Kh. el Girba					
'Atbara		15.50	+0.36	15.56	+0.42
Kajnarti		143.32	+1.65	143.08	+1.46
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.96	+0.58	92.71	+0.65
Roda (Cairo)		19.33	+0.84	19.21	+0.75

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			

CYPRUS SYNOPTIC 8h ON

34700 00890 22100 11261 40406 00180
34800 00990 30100 11241 30203 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 5 h. 31 m.
Sunset 18 h. 19 m.

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

DAILY WEATHER REPORT

Month [redacted] 1947 — شهر سبتمبر ١٩٤٧

At 14h. on SUNDAY 31-8 — ٨-٣١ الساعة ١٤ بتوقيت

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	32	2	0	0	—	15.0	27.9	58	0	131
MARIUT	00	8	30	3	0	1	6	14	28	62	0	150
ALEXANDRIA	00	9	32	4	0	0	—	13.6	28.8	58	0	132
DAMIETTA	00	8	28	3	1	0	—	12.3	27.8	60	0	159
PORT SA'ÎD	00	8	32	2	0	0	—	12.7	30.6	50	0	134
EL 'ARÎSH	00	9	30	4	0	3	8	11.9	28.4		0	135
LOWER EGYPT												
DAMANHÛR	00	7	32	4	0	0	—	13.2	29.8	50	0	136
MANSÛRA	00	8	02	2	0	0	—	12.4	31.8	42	0	137
TANTA	00	8	28	3	0	0	—	12.3	30.8	38	0	138
ZAGAZIG	00	6	32	2	0	0	—	12.4	31.6	50	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	12.6	32.3	39	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	02	3	0	0	—	11.4	31.2	39	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	—	11.9	31.1	43	0	—
CAIRO GÎZA	00	8	28	1	0	0	—	12.3	30.9	41	0	—
HELWÂN	00	7	32	5	0	0	—	10.8	32.0	29	0	143
SUEZ	00	9	32	1	0	0	—		32.4	33	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	—	11.9	32.5	31	0	153
MINYA	00	9	32	4	1	0	—	10.6	33.0	39	0	154
ASYÛT	00	8	28	1	0	0	—	7.9	34.0	29	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	6.7	35.9	30	0	164
QENA	00	8	24	2	0	0	—	6.5	39.6	26	0	156
LUXOR	00	9	30	2	0	0	—	5.0	41.0	20	0	157
ASWÂN	01	9	32	2	1	4	1	4.0	40.0	18	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	12.4	35.8	61	0	148
BAHARÎYA	00	8	32	1	0	0	—	10.7	34.6	29	0	149
KHÂRGA	00	9	32	1	0	0	—		34.8	16	0	151
DAKHLA	00	9	32	3	0	0	—		36.8	15	0	152
RED SEA												
TÔR	00	7	28	5	0	0	—	7.9	29.9	70	0	145
HURGHÂDA	00	7	30	5	0	0	—	6.7	33.0	40	0	146
QUSEIR	00	8	02	3	0	0	—	6.8	32.2	59	0	147
PORT SÛDÂN	01	8	10	3	1	5	4,5	2	39	30		208
NORTH SÛDÂN												
WÂDI HALFA	02	8	02	3	1	5	2	4	41	13		165
KAREIMA	01	8	26	3	1	4	4,1	2	44	06		166
'ATBARA	05	6	24	3	1	3	4,1	2	42	21		167
KHARTÛM	00	8	18	4	0	1	2,4	4	38	29		209
KASSALA	00	8	16	3	1	3	8	5	33	47		170
CENTRAL SÛDÂN												
WAD MEDANI	01	9	18	4	1	4	8	4	36	35		171
RENK												182
ROSEIRES	00	8	20	1	1	0	—	8	31	55		172
EL OBEID												174
EL FÂSHER	01	8	12	2	0	3	4	—	33	50		175
GENEINA	01	8	32	1	1	4	2,4	—	31	55		179
KADUGLI	02	8	20	2	2	6	4	9	29	66		187
S. SÛDÂN												
MALAKÂL	02	8	18	2	8	6	4,4	8	30	62		176
WÂU	02	8	12	1	1	6	2,4					177
JUBA												173

At 20h. on 31-8 — ٨/٣١ الأحد الساعة ٢٠ بتوقيت

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	00	0	0	0	—	14.4	25.6	71	0
MARIUT	00	7	30	2	0	0	—	14	25	74	0
ALEXANDRIA	00	6	32	2	0	0	—	14.3	26.0	69	0
DAMIETTA	00	7	28	2	1	2	8	13.9	25.0	76	0
PORT SA'ID	00	8	30	2	0	3	4	13.4	25.4	75	0
EL 'ARÎSH	00	9	28	3	0	0	—	11.9	26.7	69	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	0	0	—	13.6	25.3	68	0
MANSÛRA	00	6	04	2	0	0	—	13.5	24.6	76	0
TANTA	00	8	28	1	0	0	—	13.2	24.6	67	0
ZAGAZIG	00	6	32	2	0	0	—	13.0	25.2	77	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	13.1	23.3	79	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	3	0	0	—	12.8	27.0	60	0
CAIRO EZBEKÎYA	00	7	02	3	0	0	—	—	25.2	69	0
CAIRO GÎZA	00	7	30	1	0	0	—	13.1	25.9	61	0
HELWÂN	00	7	32	4	0	0	—	12.4	27.2	51	0
SUEZ	00	7	32	1	0	0	—		26.8	50	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	11.1	28.0	48	0
MINYA	00	9	32	3	0	0	—	10.3	28.4	45	0
ASYÛT	00	6	26	2	0	0	—	9.1	30.0	41	0
NAG' HAMÂDI	00	8	00	0	0	0	—	7.0	30.3	38	0
QENA	00	6	24	2	0	0	—	6.2	32.1	39	0
LUXOR	00	8	30	3	0	0	—	5.2	35.0	24	0
ASWÂN	00	9	32	1	0	0	—	5.6	35.5	22	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	12.6	33.2	49	0
BAHARÎYA	00	7	32	1	0	0	—	10.7	30.3	40	0
KHÂRGA	00	9	32	1	0	0	—		32.1	22	0
DAKHLA	00	8	28	2	0	0	—	9.1	33.2	20	0
RED SEA											
TÔR	00	7	28	4	0	0	—	6.7	30.2	68	0
HURGHÂDA	00	7	28	5	0	0	—	7.0	30.2	44	0
QUSEIR	00	8	30	3	0	0	—	6.6	30.0	66	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER								—			
GENEINA								—			
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 31-8 — الرياح العليا يوم ٨-٣١

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
							13	13	13 h. 15 m.	13	13	13	
							02 01 20	03 27 10	06 23 20	06 20 10	06 22 15	06 20 35	
							06 02 25	06 28 30	09 26 20	09 20 15	09 22 20	09 20 30	
							09 02 30	09 27 20	15 27 10	15 25 20	15 22 20	15 20 35	
							15 03 20	15 28 25	21 63 05	21 01 05	21 19 05	21 21 20	
							21 05 10	21 28 30	30 09 20	30 06 15	30 08 20	30 21 20	
							30 27 20	30 15 05			39 10 05	39 22 15	
							39 33 25	39 09 15			05 10 45		
							45 24 30	45 10 25					
							60 19 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	1947	1946
	1 sept.	100744	110028
	31-8	98044	112960

STATION	Mean of day Humidity % on 31-8	Humidity Diff from normal	Wet Bulb Temp °C on 31-8	Wet Bulb Temp Diff from normal
Alexandria	59	-11	21.7	-0.9
Ezbekîya	63	0	21.8	-0.5
Gîza	57	-8	21.2	-0.6
Helwân	59	+5	20.5	+0.1
GÎZA	GRASS MINIMUM TEMP. ON ... °C			
CAIRO	WATER TEMP. AT 9h. RIVER NILE ON ... °C			

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
*Jûba					
Nasser				10.46	+0.34
Malakâl		12.44	+0.09	12.03	+0.68
J. Aulia Res.				376.64	—
J. Aulia D.S				395.98	+0.56
Roseires	1 sept.	19.60	+0.50	19.65	+0.54
Sennar Res.				17.20	—
Khartûm		16.34	+0.66	16.37	+0.68
Kh. el Girba				14.81	+0.59
'Atbara		15.46	+0.32	15.50	+0.36
Kajnarti		143.31	+1.58	143.32	+1.65
Aswân Res.		98.50	—	98.50	—
Aswân D.S		93.19	+1.10	92.96	+0.88
Roda (Cairo)		19.48	+0.98	19.33	+0.84

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

At 8h. on MONDAY 1st — ١ الإثنين الساعة ٨ بتوقيت

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm °C	Minimum Today °C (mm)	Minimum Diff. from norm °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	18	2	0	0	—	13.0	+0.9	25.2	29	+1	20	-2	60	0	55	161
MARIUT	00	7	00	0	0	0	—	13		27	28	—		—	70	0	137	138
ALEXANDRIA	00	9	12	1	0	0	—	13.1	+1.2	27.0	30	0	23	0	69	0	106	186
DAMIETTA	00	7	28	2	0	0	—	12.2	+1.3	27.4	29	—	20	—	65	0	32	106
PORT SA'ID	00	8	30	2	0	0	—	12.6	+2.2	29.8	31	0	24	+1	63	0	27	81
EL 'ARÎSH	00	7	20	1	0	2	8	12.0	+1.1	28.7	30	0	21	+1	66	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	24	3	0	0	—	13.1	+1.6	25.2	30	-2	20	0	79	0	84	101
MANSÛRA	00	8	02	1	0	0	—	13.0	+1.6	26.0	33	-1	21	+1	71	0	15	55
TANTA	00	8	28	1	0	0	—	12.8	+1.0	25.3	32	-2	17	-2	79	0	8	44
ZAGAZIG	00	6	20	2	0	0	—	12.7	+0.7	25.2	32	-2	19	0	88	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	13.6	+1.8	25.8	33	—	19	—	71	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	04	1	0	0	—	13		23	32	—		—	74	0	14	—
CAIRO EZBEKÎYA	05	6	30	1	0	0	—	13.0	+1.4	26.0	32	-2	20	-1	70	0	13	26
CAIRO GÎZA	00	6	30	2	0	0	—	13.1	+1.5	25.9	32	-1	19	0	68	0	20	27
HELWÂN	00	7	02	3	0	0	—	12.6	+1.3	24.9	33	-1	21	0	68	0	5	29
SUEZ	00	9	32	1	0	0	—			25.0	34	-1	20	-2	73	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	1	0	0	—	12.6	+1.2	24.8	33	-2	20	0	70	0	8	8
MINYA	00	9	32	4	0	0	—	11.5	+0.9	26.0	34	-1	22	+1	68	0	dr.	—
ASYÛT																	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.6	+0.3	26.7	37	—	20	—	53	0	0	—
QENA	00	7	24	2	0	0	—	9.9	+1.3	26.6	41	+1	24	+1	52	0	dr.	—
LUXOR	00	9	26	2	0	0	—	8.6	-0.2	32.5	42	+1	23	+1	36	0	dr.	—
ASWÂN	00	9	32	2	0	0	—	8.4	-0.1	31.8	41	+1	25	0	34	0	dr.	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	14.7	+1.2	26.6	38	+1	19	0	75	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	12.7	+0.5	23.5	35	0	19	0	63	0	dr.	7
KHÂRGA	00	9	32	2	0	0	—			25.9	36	-2	24	+2	48	0	dr.	—
DAKHLA	00	8	28	1	0	0	—	11.5	+0.4	28.3	38	0	23	+1	32	0	dr.	—
RED SEA																		
TÔR	00	7	28	3	0	0	—			27.1	30	-3	26	+2	58	0	2	13
HURGHÂDA	00	7	30	5	0	0	—	8.7	+0.4	27.6	33	-1	23	-1	55	0	dr.	3
QUSEIR	00	8	30	4	0	0	—	8.0	+0.2	29.8	33	0	27	+1	49	0	dr.	4
PORT SÛDÂN	01	7	28	1	1	5	4	6		33			30		65	0	156	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	20	2	0	0	—	7		26			19		37	0	tr.	—
KAREIMA	00	7	02	1	0	0	—	6		27			21		42	0	7	26
'ATBARA																0	55	65
KHARTÛM	18	6	10	5	2	6	4,2	13		27			25		70	dr.	52	146
KASSALA	00	8	16	3	0	0	—	12		23			21		57	50	201	268
CENTRAL SÛDÂN																		
WAD MEDANI	22	9	12	4	6	8	9	15		22					95	tr.	233	336
RENK	02	9	20	1	2	8	6	14		24		—		—	95	—	—	430
ROSEIRES	64	6	20	1	2	8	9	12		21					94	19	703	652
EL OBEID	11	8	02	2	1	8	6,4	14		23					84	19	364	294
EL FÂSHER								—	—							0	121	281
GENEINA								—	—			—		—		—	—	496
KADUGLI	01	8	04	1	1	5		12		23		—		—	94	—	—	612
S. SÛDÂN																		
MALAKÂL	02	8	28	1	1	8	8,4	13		23			22		95	1	728	697
WÂU	02	8	00	0	5	5		12		24			22		66	7	1101	940
JUBA																0	1058	857

UPPER WINDS ON 1st sept. — الرياح العليا يوم

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			09 h. 30 m.				7 h. m.	7 h. 30 m.	6 h. 45 m.	7 h. m.	6 h. 30 m.
			02 02 20				02 02 20	06 21 30	06 19 30	03 02 05	06 12 55
			05 03 20				05 01 20	09 23 30	09 17 35	06 03 30	09 15 20
			08 02 30				10 01 25	15 21 25	15 14 30	09 04 35	15 22 15
			10 01 30				15 32 20	21 10 25	21 13 20	15 04 45	21 02 50
			15 36 55				20 04 05	24 09 35	24 13 25	21 06 15	30 01 30
			20 36 60					30 09 25	30 10 20	24 10 25	33 03 30
			23 36 75					33 09 25	37 09 20		45 04 30
			35 36 65					37 11 40	45 18 25		
								45 35 45	60 05 10		

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
	6 h. 45 m.				7 h. m.
06 18 25	03 26 15				06 28 15
09 17 30	06 35 10				09 23 20
15 15 40	09 29 10				15 21 15
21 19 15	15 29 20				21 17 20
24 29 15	21 33 25				24 18 20
30 28 05	24 33 20				30 20 20
	30 36 30				33 18 20
	33 36 25				
	39 36 15				

CYPRUS SYNOPTIC 8h. ON 1st

34700 00990 24200 10191 60102
34610 00951 24201 09241 75301

UPPER AIR TEMP. ALMÁZA — AT G.M.T. ON

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

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

CAIRO
Time of Sunrise 6h 33m
Sunset 18h 17m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER 1947 — شهر سبتمبر ١٩٤٧

1417 F.C.

At 14h. on MONDAY 1st — الاثنين ١ — الساعة ١٤ بوم

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (ppp)	TEMP. °C (ttt)	% HUMIDITY (uu)	RAIN 8-14h mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	04	1	0	0	—	12.3	30.2	47	0	131
MARIUT	00	7	27	3	0	0	—	12	29	59	0	150
ALEXANDRIA	00	9	28	5	0	0	—	12.6	29.4	61	0	132
DAMIETTA	00	8	30	3	0	0	—	11.9	29.1	47	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	11.8	31.4	48	0	134
EL 'ARÎSH	00	9	28	3	0	0	—		29.2	64	0	135
LOWER EGYPT: DAMANHÛR	00	7	28	4	0	0	—	12.6	31.3	41	0	136
MANSÛRA	00	8	02	2	0	0	—	11.6	33.0	32	0	137
TANTA												138
ZAGAZIG	00	6	24	2	0	0	—	10.6	35.4	52	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	12.3	34.2	38	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	32	3	0	0	—	11.2	33.0	36	0	141
CAIRO EZBEKÎYA	00	8	30	1	0	0	—	11.4	33.0	40	0	—
CAIRO GÎZA												—
HELWÂN	00	7	32	2	0	0	—	10.6	33.2	27	0	143
SUEZ	00	9	32	1	0	0	—		33.0	34	0	144
UPPER EGYPT: FAIYÛM	00	8	02	3	0	0	—	10.3	34.8	23	0	153
MINYA	00	9	32	4	0	0	—	10.4	33.5	35	0	154
ASYÛT	00	8	28	2	0	0	—	8.7	35.1	24	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	5.4	38.7	24	0	164
QENA	00	8	24	2	0	0	—	5.2	39.3	29	0	156
LUXOR	00	9	16	1	0	0	—	5.4	40.7	18	0	157
ASWÂN	—											158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	13.5	39.0	17	0	148
BAHARÎYA	00	8	28	1	0	0	—	11.0	36.0	14	0	149
KHÂRGA	00	9	04	2	0	0	—	—	38.4	11	0	151
DAKHLA	00	9	32	2	0	0	—	9.4	37.0	21	0	152
RED SEA: TÛR	00	7	28	5	0	0	—	7.4	32.2	70	0	145
HURGHÂDA	00	8	32	4	0	0	—	6.4	31.8	41	0	146
QUSEIR	00	8	32	2	0	0	—	7.0	32.2	53	0	147
PORT SÛDÂN	05	6	08	3	1	7	2	3	37	48		208
NORTH SÛDÂN: WÂDI HALFA												165
KAREIMA	02	7	28	2	1	8	2	5	41	18		166
'ATBARA	18	6	20	4	3	0	—	6	37	31		167
KHARTÛM	05	6	18	5	3	3	4,1	7	33	41		209
KASSALA	02	8	18	3	1	5	1	8	31	62		170
CENTRAL SÛDÂN: WAD MEDANI	02	9	16	5	1	7	4	8	29	59		171
RENK	01	7	20	2	1	4	1	10	29	74		182
ROSEIRES	00	8	20	1	1	2	4	11	28	62		172
EL OBEID	02	9	31	2	1	5	8,4	8	32	41		174
EL FÂSHER	01	8	12	2	1	4	8,2	—	33	50		175
GENEINA								—				179
KADUGLI	01	8	20	1	1	5	1	9	30	66		187
S. SÛDÂN: MALAKÂL	01	8	20	1	1	5	9,4	10	31	59		176
WÂU	28	8	30	3	9	6	9	9	27	79		177
JUBA												173

At 20h. on 1st — الاثنين ١ — الساعة ٢٠ بوم

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (ppp)	TEMP. °C (ttt)	% HUMIDITY (uu)	RAIN 14-20h mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	00	0	0	0	—	11.8	26.8	64	0
MARIUT	00	7	00	0	0	0	—	12	25	74	0
ALEXANDRIA	00	5	32	1	0	0	—	12.2	26.0	76	0
DAMIETTA	00	7	28	2	0	0	—	11.2	25.7	79	0
PORT SA'ÎD											
EL 'ARÎSH	01	9	28	3	1	4	8	10.7	27.2	68	0
LOWER EGYPT: DAMANHÛR	00	7	32	2	0	0	—	12.8	25.0	76	0
MANSÛRA	00	6	02	2	0	0	—	12.2	25.6	69	0
TANTA	00	8	00	0	0	0	—	12.6	25.0	76	0
ZAGAZIG	00	6	24	2	0	0	—	12.8	28.6	67	0
SHEBÎN EL KÔM	00	7	30	2	0	0	—	12.8	24.9	71	0
MIDDLE EGYPT: CAIRO ALMÂZA	00	7	01	2	0	0	—	11.8	28.9	48	0
CAIRO EZBEKÎYA	00	7	28	2	0	0	—	12.0	27.2	60	0
CAIRO GÎZA											
HELWÂN	00	7	30	3	0	0	—	11.5	29.3	33	0
SUEZ	00	9	32	1	0	0	—		29.0	52	0
UPPER EGYPT: FAIYÛM	00	8	02	1	0	0	—	10.4	30.0	39	0
MINYA	00	8	32	2	0	0	—	10.2	31.1	35	0
ASYÛT	00	6	30	1	0	0	—	9.8	31.3	31	0
NAG' HAMÂDI	00	8	00	0	0	0	—	7.1	32.2	35	0
QENA	00	8	32	2	0	0	—	5.2	34.3	28	0
LUXOR	00	8	02	2	0	0	—	4.8	34.0	27	0
ASWÂN	00	9	00	0	0	0	—	5.5	35.0	19	0
WESTERN DESERT: SÎWA	00		00	0	0	0	—	12.7	33.8	34	0
BAHARÎYA	00	7	32	1	0	0	—	10.6	32.9	21	0
KHÂRGA	00	9	32	2	0	0	—		34.8	21	0
DAKHLA	00	8	28	1	0	0	—	9.1	30.6	24	0
RED SEA: TÛR	00	7	28	6	0	0	—	6.7	28.8	32	0
HURGHÂDA	00	8	28	5	0	0	—	6.2	31.1	40	0
QUSEIR	00	8	32	2	0	0	—	6.6	30.0	73	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

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

UPPER WINDS ON 1st — الرياح العليا يوم ١

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM 13h.15m.	KASSALA 13h. m.	EL OBEID 12h.45m.	MALAKAL h. m.	JUBA h. m.
									06 21 25	09 20 20	06 21 05		
									09 23 30	15 22 10	09 23 15		
									15 24 30	21 24 10	15 23 05		
									21 32 05		21 05 05		
									30 19 15				
									39 11 35				
									45 12 60				
									60 31 75				

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

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	CAR PRESSURE M.S.L. 1000+ mbs. (ppp)	CAR 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													—	—				100
MATRÛH	00	9	00	0	0	0	—	13.0	+0.8	27.2	31	+3	24	+2	62	0	55	161
MARIUT	00	7	28	2	0	0	—	11		28	30	—	22	—	62	0	139	138
ALEXANDRIA	00	9	30	6	0	0	—	11.4	−0.7	27.0	30	0	25	+2	60	0	106	186
DAMIETTA	00	8	28	3	1	3	8	10.0	−1.1	27.0	30	—	23	—	69	0	32	106
PORT SA'ID	01	8	18	3	1	3	6	9.9	−0.6	29.4	33	+2	25	+2	74	0	27	81
EL 'ARÎSH	00	9	20	2	0	2	8	9.9	−1.1	27.7	31	+1	22	+2	67	0	47	94
LOWER EGYPT: DAMANHÛR	00	7	28	3	0	0	—	11.5	−0.1	25.0	32	0	19	−1	78	0	84	101
MANSÛRA	00	8	04	1	0	0	—	10.4	−1.1	26.6	34	0	20	0	71	0	15	55
TANTA	00	8	00	0	0	0	—	11.0	−0.9	26.0	34	0	18	−1	76	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	11.5	−0.7	27.4	36	+2	19	0	87	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	11.6	−0.3	26.2	35	—	20	—	70	0	9	—
MIDDLE EGYPT: CAIRO ALMÂZA	01	7	32	1	2	4	6,8	11.3	−0.4	26.0	33	—	20	—	69	0	14	—
CAIRO EZBEKÎYA	05	6	02	1	0	4	6	11.2	−0.5	26.3	33	0	22	+1	73	0	13	26
CAIRO GÎZA																	20	27
HELWÂN	01	7	32	3	1	3	8	11.1	−0.3	24.6	34	0	21	0	74	0	5	29
SUEZ	00	9	32	1	0	0	—	8.8	−1.9	25.8	35	0	22	0	70	0	4	17
UPPER EGYPT: FAIYÛM	00	8	32	3	0	0	—	11.2	−0.3	25.5	36	+1	20	0	68	0	8	8
MINYA	00	9	32	2	0	0	—	11.9	+1.2	26.4	35	+1	21	0	63	0	dr.	—
ASYÛT	00	7	22	1	0	0	—	10.6	+0.2	27.1	36	+1	22	0	53	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.2	−0.1	27.7	39	—	20	—	56	0	0	—
QENA	00	7	26	2	0	0	—	7.8	−0.9	31.0	42	+2	25	+2	37	0	dr.	—
LUXOR	00	9	22	2	0	0	—	8.2	−0.7	32.0	43	+2	25	+3	38	0	dr.	—
ASWÂN	00	9	32	3	0	0	—	8.2	−0.3	31.4	43	+3	28	+3	33	0	dr.	—
WESTERN DESERT: SÎWA	00	7	04	2	0	0	—	13.0	−0.6	29.0	41	+4	20	+1	47	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	11.5	−0.8	27.0	37	+2	20	+1	37	0	dr.	7
KHÂRGA	00	9	32	2	0	0	—			29.9	39	+1	20	−2	34	0	dr.	—
DAKHLA	00	8	28	1	1	0	—	10.6	−0.6	28.8	38	0	22	0	30	0	dr.	—
RED SEA: TÛR	00	7	28	5	0	0	—	6.3	−1.7	28.9	34	+1	25	+1	48	0	2	13
HURGHÂDA	00	8	28	4	0	0	—	7.0	−1.4	29.9	34	0	24	0	41	0	dr.	3
QUSEIR	00	8	32	2	0	0	—	7.0	−1.0	31.4	33	0	27	+1	46	0	dr.	4
PORT SÛDÂN																0	157	106
NORTH SÛDÂN: WÂDI HALFA																0	dr.	—
KAREIMA																0	7	26
'ATBARA																0	55	65
KHARTÛM																0	53	146
KASSALA																0	201	270
CENTRAL SÛDÂN: WAD MEDANI																0	234	339
RENK												—		—		—	—	434
ROSEIRES																0	703	659
EL OBEID																0	369	298
EL FÂSHER								—	—							9	125	285
GENEINA								—	—			—		—		—	—	503
KADUGLI												—		—		—	—	616
S. SÛDÂN: MALAKÂL																0	704	703
WÂU																9	1170	946
JUBA																3	1048	860

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

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			02 34 15		02 29 20		02 35 30				
			05 01 15		05 34 25		05 36 25				
			08 36 35		10 35 55		10 36 30				
			10 33 45		15 35 60		15 35 30				
			13 33 40				20 29 25				
							25 27 20				

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

CYPRUS SYNOPTIC 8h ON 2nd
34700 00000 00000
34850 00000 10100 00251 60101 00180

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	2nd	10162	10947
	1st	10074	11008

STATION	Mean of day HUMIDITY % 1st	Diff from normal	WET BULB TEMP 1st	Diff from normal	Previous day Reading	Diff. from normal
Alexandria	71	+1	23.2	+0.6		
Ezbekîya	59	−4	22.5	+0.2		
Gîza						
Helwân	46	−6	20.1	−0.3		
GÎZA	GRASS MINIMUM TEMP ON 2nd			°C		
CAIRO	WATER TEMP. AT 9h. RIVER NILE ON			°C		

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba					
Nasser				10.43	+0.37
Malakâl		12.05	+0.09	12.04	+0.09
J. Aulia Res.				376.56	—
J. Aulia D.S				375.99	+0.57
Roseires	2nd	20.35	+1.15	19.60	+0.50
Sennar Res.				17.21	—
Khartûm				15.34	+0.16
Kh. el Girba				14.36	+0.20
'Atbara		15.64	+0.52	15.16	+0.32
Kajnarti				143.31	+1.58
Aswân Res.		98.50	—	98.50	—
Aswân D.S		93.22	+1.10	93.17	+1.10
Roda (Cairo)		17.53	+1.01	17.48	+0.98

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

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 4h. 32m.
Sunset 18 16

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month SEPTEMBER 1947 — شهر سبتمبر ١٩٤٧

At 14h. on TUESDAY 2nd. — الساعة ١٤ يوم الثلاثاء ٢

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN — SALÛM												130
MATRÛH	00	9	30	1	0	0	—	12.8	28.1	67	0	131
MARIUT	00	7	30	4	0	0	—	10	30	52	0	150
ALEXANDRIA	00	9	32	6	0	0	—	9.9	29.2	49	0	132
DAMIETTA	00	8	26	4	1	0	—	8.6	28.0	62	0	159
PORT SA'ÎD	00	8	26	3	0	1	8	8.4	30.3	55	0	134
EL 'ARÎSH	00	9	28	4	0	0	—	8.7	29.6	64	0	135
LOWER EGYPT — DAMANHÛR	00	7	28	5	0	0	—	10.0	30.0	49	0	136
MANSURA	00	8	28	2	0	0	—	9.0	31.3	42	0	137
TANTA	00	8	28	5	0	0	—	9.1	22.0	38	0	138
ZAGAZIG	00	6	24	2	1	0	—	8.8	31.9	40	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	—	9.6	33.2	35	0	—
MIDDLE EGYPT — CAIRO — ALMAZA	00	8	30	3	0	3	8	8	32	46	0	141
EZBEKÎYA	00	8	28	2	0	0	—	8.4	32.4	40	0	—
GÎZA	00	8	28	1	0	0	—	8.8	32.3	41	0	—
HELWÂN	00	7	32	5	0	0	—	8.8	32.1	28	0	143
SUEZ	00	9	32	1	0	0	—		32.6	33	0	144
UPPER EGYPT — FAIYÛM	00	8	32	3	0	0	—	8.1	33.5	25	0	153
MINYA	00	9	32	3	0	0	—	9.4	33.5	56	0	154
ASYÛT	00	8	26	1	0	0	—	7.8	34.0	22	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	4.4	36.2	27	0	164
QENA	00	8	24	2	0	0	—	3.4	39.4	24	0	156
LUXOR	00	9	26	2	0	0	—	4.4	39.0	17	0	157
ASWÂN	00	9	32	2	0	0	—	4.4	38.0	23	0	158
WESTERN DESERT — SÎWA	00	8	04	2	0	0	—	12.2	38.5	29	0	148
BAHARÎYA	00	8	32	2	0	0	—	9.1	35.0	19	0	149
KHÂRGA	00	9	32	1	0	0	—		38.2	17	0	151
DAKHLA	00	9	28	2	0	0	—	7.2	39.0	18	0	152
RED SEA — TÛR	00	7	28	6	0	0	—	5.5	30.9	61	0	145
HURGHÂDA	00	8	32	5	0	0	—	5.3	33.6	36	0	146
QUSEIR	00	8	02	2	0	0	—	5.2	32.3	60	0	147
PORT SÛDÂN	00	8	06	3	1	3	9.4	3	36	62		208
NORTH SÛDÂN — WÂDI HALFA	02	8	04	3	1	6	2		39	10		165
KAREIMA	00	8	30	3	1	3	2	5	42	08		166
'ATBARA	05	6	20	2	0	2	4	3	39	21		167
KHARTÛM												209
KASSALA	00	8	17	2	0	1	8.4	7	32	59		170
CENTRAL SÛDÂN — WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER	00	8	00	0	1	2	8	—	34	41		175
GENEINA												179
KADUGLI												187
S. SÛDÂN — MALAKÂL												176
WÂU												177
JUBA												173

At 20h. on 2nd. — الساعة ٢٠ يوم الثلاثاء ٢

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN — SALÛM											
MATRÛH	00	8	22	3	0	0	—	11.8	26.8	94	0
MARIUT											
ALEXANDRIA	00	5	26	7	0	0	—	10.2	26.0	62	0
DAMIETTA	00	7	28	3	1	2	4	8.2	25.2	91	0
PORT SA'ÎD	01	8	30	4	1	4	6	7.1	26.0	72	0
EL 'ARÎSH	00	9	28	3	0	0	—	6.7	27.1	73	0
LOWER EGYPT — DAMANHÛR	00	7	28	4	0	0	—	9.6	25.0	90	0
MANSURA	00	6	32	2	0	0	—	8.6	24.6	66	0
TANTA	00	8	32	2	0	0	—	9.2	23.5	71	0
ZAGAZIG	00	6	24	2	0	0	—	9.5	24.4	80	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	9.7	23.4	72	0
MIDDLE EGYPT — CAIRO — ALMAZA											
EZBEKÎYA	00	7	30	2	0	0	—	9.2	25.7	62	0
GÎZA	00	7	30	2	0	0	—	9.6	25.6	64	0
HELWÂN	00	7	30	4	0	0	—	9.0	25.9	53	0
SUEZ	00	9	32	2	0	0	—		27.6	58	0
UPPER EGYPT — FAIYÛM	00	8	32	2	0	0	—	8.4	27.3	74	0
MINYA											
ASYÛT	00	6	28	1	0	0	—	7.8	30.8	28	0
NAG' HAMÂDI	00	8	32	2	0	0	—	5.0	29.6	48	0
QENA	00	6	26	6	0	0	—	3.4	33.8	28	0
LUXOR	00	8	32	3	0	0	—	4.4	33.5	24	0
ASWÂN	00	9	32	1	0	0	—	4.3	36.4	20	0
WESTERN DESERT — SÎWA	00	—	00	0	0	0	—	11.4	29.8	43	0
BAHARÎYA	00	7	32	1	0	0	—	9.5	29.2	36	0
KHÂRGA	00	9	30	3	0	0	—		33.4	19	0
DÂKHLA	00	8	28	1	0	0	—	7.8	32.6	21	0
RED SEA — TÛR	00	7	28	5	0	0	—	3.2	33.2	48	0
HURGHÂDA	00	8	28	5	0	0	—	3.8	30.3	39	0
QUSEIR	00	8	02	1	0	0	—	4.3	29.6	75	0
PORT SÛDÂN											
NORTH SÛDÂN — WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN — WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN — MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 2nd. — الرياح العليا يوم ٢

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMAZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
							13h.	13h.		12h.45m.			
							02 02 20	03 22 05		06 21 25			
							06 36 55	06 29 15		09 21 30			
							09 35 30	09 31 15		15 22 10			
							21 34 40	15 28 20		21 32 10			
							30 35 30	21 29 25		30 30 10			
							36 34 20	30 28 10		39 04 15			
								39 29 20		45 04 05			
								45 30 15		48 09 15			

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff from norm °C	MINIMUM Today °C mm	Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
MEDITERRANEAN — SALÛM													—	—				100
MATRÛH	00	9	26	2	0	0	—	9.2	-3.2	25.2	29	+1	22	0	80	0	55	161
MARIUT	00	7	30	2	0	0	—	8		29		—		—	62	0	139	138
ALEXANDRIA	00	9	02	3	0	0	—	8.2	-4.0	26.8	30	0	24	+1	64	0	106	186
DAMIETTA	01	8	18	2	1	3	8	9.2	-4.0	26.0	29	—	19	—	73	0	32	106
PORT SA'ID	00	8	22	4	0	2	8	7.6	-3.0	29.2	32	+1	24	+1	72	0	27	81
EL 'ARÎSH	00	9	20	2	0	0	—	7.1	-4.1	27.8	31	+1	25	+5	67	0	47	94
LOWER EGYPT — DAMANHÛR	00	7	28	2	0	0	—	8.6	-3.2	24.8	30	-2	20	0	77	0	84	101
MANSURA	00	8	24	1	0	0	—	7.6	-4.0	25.8	33	-1	19	-1	70	0	15	55
TANTA	00	8	00	0	0	0	—	8.7	-3.3	25.0	32	-2	17	-2	80	0	8	44
ZAGAZIG	00	6	32	2	0	0	—			27.0	34	0	18	-1	77	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	8.7	-3.3	25.9	34	—	19	—	67	0	9	—
MIDDLE EGYPT — CAIRO — ALMAZA	00	7	00	0	0	0	—	8		24		—		—	74	0	14	—
EZBEKÎYA	05	6	28	2	1	3	6	8.2	-3.6	24.4	33	0	21	0	70	0	13	26
GÎZA	05	7	02	1	1	3	6	9.0	-2.8	25.1	33	0	18	-1	68	0	20	27
HELWÂN	05	6	30	2	0	0	—	8.2	-3.3	23.1	32	-2	19	-2	73	0	5	29
SUEZ	00	9	32	1	0	0	—			23.5	34	-1	23	+1	65	0	4	17
UPPER EGYPT — FAIYÛM	00	8	32	2	0	0	—	7.9	-3.7	24.8	34	-1	19	-1	62	0	8	8
MINYA	00	9	32	2	0	0	—			26.4	34	0	22	+2	63	0	dr.	—
ASYÛT	00	7	30	3	0	0	—	8.3	-2.2	23.8	35	0	21	-1	63	0	0	4
NAG' HAMÂDI	00	8	32	1	0	0	—	6.2	-3.2	24.8	37	—	21	—	65	0	0	—
QENA	00	7	24	2	0	0	—	5.4	-3.4	25.2	41	+1	23	0	69	0	dr.	—
LUXOR	00	9	10	2	0	0	—	4.7	-4.3	29.5	40	-1	23	+1	43	0	dr.	—
ASWÂN	00	9	32	3	0	0	—	4.8	-3.8	28.4	40	0	25	0	46	0	dr.	—
WESTERN DESERT — SÎWA	00	7	00	0	0	0	—	11.6	-2.2	28.2	39	+3	20	+1	62	0	2	8
BAHARÎYA	00	8	32	2	0	0	—	9.2	-3.3	28.5	35	0	19	0	72	0	dr.	7
KHÂRGA	00	9	02	4	0	0	—			24.2	39	+1	22	0	59	0	dr.	—
DÂKHLA	00	8	32	2	0	0	—	8.4	-2.9	25.0	40	+2	24	+2	42	0	dr.	—
RED SEA — TÛR	00	7	28	2	0	0	—	3.8	-4.3	27.5	32	-1	24	0	59	0	2	13
HURGHÂDA	00	8	30	5	0	0	—	4.4	-4.1	26.6	34	0	22	-2	66	0	dr.	3
QUSEIR	00	8	32	4	0	0	—	4.2	-3.9	28.3	33	0	26	0	64	0	dr.	4
PORT SÛDÂN	01	8	16	2	1	3	4	2		35			28		53	dr.	157	106
NORTH SÛDÂN — WÂDI HALFA	00	8	28	1	0	0	—	5		29			24		25	0	dr.	—
KAREIMA																0	7	26
'ATBARA	01	7	22	4	0	4	4	5		28			23		66	0	55	65
KHARTÛM	01	8	20	4	1	3	4	6					22			0	53	147
KASSALA	02	8	18	4	1	7	2	7		27			23		79	0	201	272
CENTRAL SÛDÂN — WAD MEDANI	00	9	17	5	0	0	—	7		27					70	0	234	342
RENK	02	9	30	3	2	8	8	11		24	—		—	—	94	—	—	437
ROSEIRES	00	8	18	1	1	0	—	9		24					89	0	703	667
EL OBEID	01	9	18	4	1	4	4.5	8		26			23		79	0	369	301
EL FÂSHER	02	7	00	0	0	5	2	—	—	29			23 ?		70	1	126	288
GENEINA	08	5	00	0	4	4	6.4	—	—	22	—		16 ?	—	95	—	—	509
KADUGLI	02	8	20	2	0	6	4	11		23	—		—		95	—	—	621
S. SÛDÂN — MALAKÂL																		
WÂU	52	8	20	3	5	7	5	13		22						0	704	709
JUBA																54	1224	952
																12	1060	864

UPPER WINDS ON 3rd. — الرياح العليا يوم ٣

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
					02 34 30		02 01 30				
					05 01 30		05 36 45				
					10 01 45		10 08 15				
					15 02 60		15 33 05				
							20 02 15				
							25 28 05				

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

UPPER AIR TEMP. ALMÂZA — AT GMT ON

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

CYPRUS SYNOPTIC 8h ON 3rd.
34700 00990 00000 05261 30300 00330
34800 00990 04100 08291 20001 00190

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	3rd.		10891
	2nd.	10162	10947

STATION	Mean of day: Humidity % on 2nd.	Humidity Diff from normal	Wet Bulb Temp °C on 2nd.	Wet Bulb Temp Diff from normal
Alexandria	59	-11	21.4	-1.1
Ezbekîya	62	-1	22.1	-0.1
Gîza	64	-1	21.9	+0.2
Helwân	60	+7	20.3	0.0

GÎZA — GRASS MINIMUM TEMP. ON 3rd. 15.6 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.20	+0.39
Nasser				10.46	+0.38
Malakâl		12.05	+0.08	12.05	+0.07
J. Aulia Res.				376.57	—
J. Aulia D.S				375.97	
Roseires	3rd.	20.14	+1.05	20.25	+1.15
Sennar Res.				17.20	—
Khartûm	3	16.20	+0.52	16.26	+0.58
Kh. el Girba				13.95	-0.13
'Atbara		15.60	+0.50	15.64	+0.52
Kajnarti		142.83	+1.05	143.05	+1.29
Aswân Res.				98.50	—
Aswân D.S				93.32	+1.10
Roda (Cairo)		19.59	+1.04	19.53	+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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	48
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

WIND DIRECTION (DD)

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

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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise h. 6 m. 33
Sunset 18 15

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER 1947 — شهر سبتمبر ١٩٤٧

1417 F.G.

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	28	2	0	0	—	8.4	28.6	74	0	131
MARIUT	00	7	29	3	0	0	—	7	30	62	0	150
ALEXANDRIA	00	9	32	4	0	0	—	7.4	29.0	52	0	132
DAMIETTA	00	7	28	3	1	0	—	6.3	28.5	65	0	159
PORT SA'ÎD	00	8	30	2	0	0	—	6.6	30.8	58	0	134
EL 'ARÎSH	00	9	28	4	0	0	—	5.1	28.4	67	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	3	0	0	—	7.6	31.0	50	0	136
MANSÛRA	00	8	02	2	0	0	—	6.0	33.2	39	0	137
TANTA	00	8	28	2	0	0	—	6.0	33.4	35	0	138
ZAGAZIG	00	6	32	2	0	0	—		34.0	51	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	7.0	33.9	42	0	—
MIDDLE EGYPT — CAIRO												
ALMÂZA	00	8	32	1	0	0	—		28	62	0	141
EZBEKÎYA	00	8	32	3	0	0	—	6.6	31.6	50	0	—
GÎZA	00	8	32	2	0	0	—	7.4	32.6	43	0	—
HELWÂN	00	7	32	4	0	0	—	5.8	32.1	33	0	143
SUEZ	00	9	02	1	0	0	—		32.0	31	0	144
UPPER EGYPT												
FAIYUM	00	8	32	3	0	0	—	5.4	33.5	28	0	153
MINYA	00	9	32	2	0	0	—		32.5	36	0	154
ASYUT	00	8	30	1	0	4	—	5.6	33.1	23	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	3.5	33.9	40	0	164
QENA	00	8	24	2	0	0	—	2.8	36.0	34	0	156
LUXOR	00	9	32	2	0	0	—	2.7	37.0	25	0	157
ASWAN	00	9	24	1	0	0	—	2.6	36.4	22	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	8.5	37.4	47	0	148
BAHARIYA	00	8	32	1	0	0	—	6.4	35.6	32	0	149
KHARGA	00	9	32	2	0	0	—		34.4	15	0	151
DAKHLA	00	9	28	2	0	0	—	5.5	36.0	25	0	157
RED SEA												
TÛR	00	7	28	4	0	0	—	4.2	29.2	67	0	145
HURGHADA	00	8	02	4	0	0	—	3.0	30.6	54	0	146
QUSEIR	00	8	02	2	0	0	—	4.0	30.7	71	0	147
PORT SUDÂN	01	7	04	4	1	4	8,4	1	34	77		208
NORTH SUDAN												
WÂDI HALFA	00	8	28	3	0	0	—	3	36	15		165
KAREIMA	00	8	28	2	0	0	—	3	40	11		166
'ATBARA	01	7	20	2	0	3	4	0	41	16		167
KHARTÛM	01	8	22	4	1	4	4,2	2	40	19		209
KASSALA	01	8	18	3	1	3	8,1	3	33	39		170
CENTRAL SUDAN												
WAD MEDANI	10	8	20	4	0	5	8	3	36	56		[illegible]
RENK	01	9	20	2	1	4	8	7	31	78		162
ROSEIRES	00	8	20	1	1	2	4	0	31	43		[illegible]
EL OBEID	01	9	18	4	1	4	8,2	4	32	46		[illegible]
EL FASHER	01	8	10	2	1	3	8,2	—	35	30		175
GENEINA	02	8	24	2	1	7	8,2	—	31	52		179
KADUGLI	01	8	20	2	1	5	4	8	29	70		18[illegible]
S. SUDAN												
MALAKÂL	02	8	20	4	1	5	9,1	7	31	57		176
WAU												[illegible]
JUBA	02	8	00	0	6	7	8,4	7	29	62		[illegible]

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	12	1	0	0	—	6.4	26.8	76	0
MARIUT	00	7	00	0	0	0	—	7	25	74	0
ALEXANDRIA	00	5	00	0	0	0	—	7.2	26.0	79	0
DAMIETTA	00	6	28	2	0	0	—	6.6	25.4	85	0
PORT SA'ÎD	00	8	30	3	0	0	—	5.8	26.3	79	0
EL 'ARÎSH	00	9	28	3	0	0	—	5.0	25.9	77	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	0	0	—		25.0	84	0
MANSÛRA	00	6	02	2	0	0	—	7.1	25.6	78	0
TANTA	00	8	00	0	0	0	—	7.6	26.0	82	0
ZAGAZIG	00	6	32	2	0	0	—		25.0	81	0
SHEBÎN EL KÔM	00	7	04	2	0	0	—	7.8	25.3	72	0
MIDDLE EGYPT — CAIRO											
ALMÂZA	00	7	30	1	0	0	—	6.6	29.4	63	0
EZBEKÎYA	00	7	32	2	0	0	—	6.7	28.5	57	0
GÎZA	00	8	32	1	0	0	—	6.3	27.4	62	0
HELWÂN	00	7	32	1	0	0	—	6.6	29.0	52	0
SUEZ	00	9	32	1	0	0	—	4.0	30.2	49	0
UPPER EGYPT											
FAIYUM	00	8	32	1	0	0	—	5.5	28.0	55	0
MINYA	00	9	32	2	0	0	—		30.2	43	0
ASYUT	00	6	28	1	0	0	—	5.2	30.0	36	0
NAG' HAMÂDI	00	8	00	0	0	0	—	3.9	26.3	47	0
QENA	00	6	24	2	0	0	—	2.8	31.0	44	0
LUXOR	00	8	24	1	0	0	—	2.6	28.0	57	0
ASWAN	00	9	00	0	0	0	—	2.3	34.6	16	0
WESTERN DESERT											
SÎWA	00	—	00	0	0	0	—	—	30.5	62	0
BAHARIYA	00	7	00	0	0	0	—	6.8	30.0	33	0
KHARGA	00	9	32	1	0	0	—		32.4	28	0
DAKHLA	00	8	00	0	0	0	—	5.2	31.2	27	0
RED SEA											
TÛR	00	7	28	1	0	0	—	3.9	29.5	60	0
HURGHADA	00	8	28	4	0	0	—	3.1	28.0	58	0
QUSEIR	00	8	02	1	0	0	—	4.2	27.4	81	0
PORT SUDÂN											
WÂDI 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 3rd. — الرياح العليا يوم ٣

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA 12h 15m.	MINYA 12h 45m.	LUXOR 13h. m.	HURGHADA h. m.	WÂDI HALFA 13h. m.	KAREIMA 12h 30m.	KHARTÛM 13h. m.	KASSALA 12h 45m.	EL OBEID h. m.	MALAKAL 13h 30m.	JUBA 13h. m.
			03 35 15	03 35 25	03 30 05		03 33 25	03 25 05	06 23 30	06 21 30		06 22 30	06 36 05
			06 36 25	06 36 25	06 34 15		06 35 15	06 28 10	09 24 35	09 20 30		09 23 40	09 32 15
			09 36 30	09 01 35	09 22 10		09 01 20	09 28 15	15 25 20	15 20 45		15 22 25	15 09 05
			12 35 35	15 02 15	15 15 15		15 33 20	15 27 20	21 28 25	21 23 25		21 21 35	21 18 05
				21 03 55	21 04 10		21 31 15	24 28 15	30 23 15	30 28 20		30 20 25	30 21 20
					24 04 15		30 28 10		39 26 10	39 34 20			39 21 15
					27 03 10		39 01 20						45 30 25
					30 12 15		45 03 15						60 33 05
							60 03 30						75 23 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	1947	1946
	4th.		10854
	3rd.	10042	10871

STATION	Mean of day: HUMIDITY % on 3rd.	HUMIDITY Diff from normal	WET BULB TEMP °C on 3rd.	WET BULB TEMP Diff from normal
Alexandria	70	0	22.8	+0.3
Ezbekiya	57	−4	22.4	+0.2
Gîza	60	−5	22.2	+0.6
Helwân	58	+5	21.0	+0.7

GÎZA — GRASS MINIMUM TEMP ON 4th. 16.2 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.28	+0.46
Nasser				10.49	+0.38
Malakâl		12.06	+0.08	12.05	+0.08
J. Aulia Res.					
J. Aulia D.S					
Roseires	4th.	19.34	+0.26	20.14	+1.05
Sennar Res.				17.21	—
Khartûm	4th.	16.16	+0.48	16.20	+0.52
Kh. el Girba				13.76	−0.29
'Atbara				15.60	+0.50
Kajnarti				142.83	+1.05
Aswân Res.				98.50	—
Aswân D.S				93.12	+0.77
Roda (Cairo)		19.64	+1.10	19.57	+1.04

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

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff from norm °C	Minimum Today °C mm	Minimum Diff from norm °C	% HUMID. UU	RAINFALL Past 24 hrs. mms	Total From Oct 1 mms.	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM											—		—					100
MATRÛH	01	9	30	3	1	4	8	6.8	−5.7	27.8	29	+1	24	+3	77	0	55	161
MARIUT	00	7	00	0	0	0	—	5		28	30	—	20		62	0	139	138
ALEXANDRIA	00	9	20	2	0	0	—	6.0	−6.3	27.7	30	0	29	+4	63	0	106	186
DAMIETTA	04	5	18	2	4	0	—	6.2	−5.1	25.9	30	—	19	—	83	0	32	106
PORT SA'ÎD	00	7	12	2	0	0	—	6.8	−4.0	26.3	31	0	24	+1	77	0	27	81
EL 'ARÎSH	00	9	20	1	0	1	—	7.1	−4.2	31.1	30	0	20	0	47	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	24	3	0	0	—	6.7	−5.2	25.2	32	0	21	+2	74	0	84	101
MANSÛRA	00	8	18	1	0	0	—	6.4	−5.3	26.0	34	0	19	−1	78	0	15	55
TANTA	00	8	28	1	0	0	—	6.4	−5.7	24.3	34	0	19	+1	81	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	6.4	−6.0	26.0	33	−1	18	−1	59	0	24	27
SHEBÎN EL KÔM	00	8	22	2	0	0	—	6.7	−5.4	26.2	35	—	21	—	68	0	9	—
MIDDLE EGYPT — CAIRO																		
ALMAZA	00	7	18	3	0	0	—	5.8	−6.1	29.4	33	—	22	—	51	0	14	—
EZBEKÎYA	00	6	20	2	0	0	—	6.7	−5.5	28.1	33	0	23	+2	57	0	13	26
GÎZA	00	6	20	2	0	0	—	7.6	−4.4	27.0	33	0	19	0	74	0	20	27
HELWÂN	05	6	00	0	0	0	—	7.0	−4.6	27.2	33	−1	22	+1	54	0	5	29
SUEZ	00	9	00	0	0	0	—			27.0	35	0	22	0	63	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	7.0	−4.7	26.2	34	−1	21	+1	72	0	8	8
MINYA	00	9	32	1	0	0	—	6.3	−3.6	25.8	34	0	21	+1	60	0	dz.	—
ASYUT																	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	7.0	−2.5	27.2	36	—	19	—	57	0	0	—
QENA	00	7	24	2	0	0	—	6.8	−3.1	26.0	38	−1	23	0	55	0	dz.	—
LUXOR	00	9	14	2	0	0	—	7.1	−2.0	30.8	38	−3	23	+1	23	0	dz.	—
ASWÂN	00	9	32	1	0	0	—	6.2	−2.5	29.7	40	0	25	0	33	0	dz.	—
WESTERN DESERT																		
SÎWA	00	7	32	3	0	0	—	7.6	−6.3	28.5	39	+3	22	+3	70	0	2	8
BAHARÎYA	00	8	00	0	0	0	—	7.2	−5.3	29.5	36	+1	20	+1	32	0	dz.	7
KHARGA	00	9	32	2	0	0	—			28.6	36	−2	23	+1	38	0	dz.	—
DAKHLA	00	8	00	0	0	0	—	7.1	−4.3	31.8	39	−1	23	+1	40	0	dz.	—
RED SEA																		
TÛR	00	7	00	0	0	0	—	5.1	−3.1	28.3	33	0	25	+2	63	0	2	13
HURGHÂDA	00	8	28	3	0	0	—	5.9	−2.7	30.9	31	−3	23	−1	43	0	dz.	3
QUSEIR	00	8	30	2	0	0	—	6.3	−1.9	32.0	32	−1	24	−2	40	0	dz.	4
PORT SUDÂN	02	8	06	2	1	6	4,5	5		34			28		62	0	157	106
NORTH SUDAN																		
WÂDI HALFA																0	dz.	—
KAREIMA	02	8	22	2	1	6	2	8		30		23			16	0	7	26
'ATBARA	02	7	20	3	1	7	4,1	7		28		26			66	0	55	65
KHARTÛM	01	7	18	4	1	5	4,5	9		29		23			57	0	53	147
KASSALA	02	8	16	3	1	8	4,5	9		24		22			84	5	206	275
CENTRAL SUDAN																		
WAD MEDANI	02	9	16	3	1	7	5	11		24					84	0	234	344
RENK	02	9	20	2	2	8	8	13		24		—		—	94	—	—	440
ROSEIRES	16	6	20	1	1	8	9	10		21					94	39	742	675
EL OBEID	02	9	16	3	1	8	4,5	9		24		23			84	0	569	504
EL FÂSHER	01	8	14	3	1	3	4	—	—	24		21			69	0	126	291
GENEINA	00	8	30	1	1	3	4,4	—	—	22	—	18	—		95	—	—	514
KADUGLI	01	8	04	1	1	4	1	11		24	—		—		94	—	—	626
S. SUDAN																		
MALAKÂL	10	8	12	2	1	7	4,4	12		24		23			94	0	704	714
WAU	02	8	18	2	1	6	4,5	11		23		21			89	0	1224	958
JUBA	02	8	12	1	0	7	4,5	13		23		21			94	dz.	1060	968

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

UPPER WINDS ON 4th. — الرياح العليا يوم ٤

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8h 45m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM 7h. m.
			02 17 10				02 02 20		06 00 00	03 13 05	06 18 40
			05 21 10				05 07 25		09 12 20	06 09 25	09 21 40
			08 29 20				10 08 10		15 10 20	09 07 30	15 25 40
			10 31 30				15 17 05		21 23 05	15 06 10	21 26 30
			15 22 25				20 18 25		30 22 10	21 06 05	30 25 05
			17 34 30				25 16 15		39 24 20	30 36 05	
							30 16 15		45 33 25	33 29 05	
							40 11 15				
							50 08 15				

KASSALA h. m.	PORT SUDÂN 6h 45m.	EL OBEID 7h 45m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL h. m.
	03 24 10	06 20 25	09 16 15	09 20 10	
	06 24 20	09 23 40	15 25 15	15 09 05	
	09 25 25	15 20 25	21 29 15	21 11 20	
	15 29 15	21 20 05	29 05 20	30 22 50	
	21 31 15	30 04 50			
	30 09 05				
	39 12 05				

UPPER AIR TEMP — ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 4th.

34700 00990 20200 04271 80102 00180
24800 00990 08100 04261 40801 00180

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (VV)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 05 33 (h. m.)
Sunset 18 14

Month SEPTEMBER 1947 — شهر سبتمبر ١٩٤٧

At 14h. on THURSDAY 4th (الساعة ١٤ يوم ٤) and At 20h. on 4th (الساعة ٢٠ يوم الخميس ٤)

Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14h mms	20h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
Salûm																							130
Matrûh	01	9	30	4	0	4	8	8.2	29.2	74	0	01	8	28	3	1	3	8	9.0	27.6	80	0	131
Mariut	01	7	28	3	0	4	6	7	29	74	0	00	7	28	3	0	2	6	8	26	79	0	150
Alexandria	02	9	28	5	1	5	8	7.0	30.4	66	0	01	5	28	5	2	4	8	8.4	27.0	69	0	132
Damietta	00	7	28	3	0	0	—	5.9	31.7	48	0	01	6	28	4	1	3	8	7.5	26.0	78	0	159
Port Sa'îd	00	6	28	2	0	0	—	6.2	34.1	44	0	00	7	28	3	0	3	1	7.8	26.8	77	0	134
El 'Arîsh	00	9	28	3	0	0	—	6.3	30.3	67	0	00	9	32	3	0	0	—	7.5	24.1	59	0	135
LOWER EGYPT																							
Damanhûr	00	7	32	3	0	0	—	6.7	32.8	37	0	00	7	32	3	0	0	—	8.7	25.5	84	0	136
Mansûra	00	8	20	1	0	0	—	6.0	36.2	33	0	00	6	28	2	0	0	—	7.9	26.0	79	0	137
Tanta	00	8	28	2	0	0	—	5.6	37.3	29	0	00	8	00	0	0	0	—	7.6	26.0	75	0	138
Zagazig	00	6	00	0	0	0	—	6.8	36.0	16	0	00	6	32	2	0	0	—	7.5	25.5	65	0	139
Shebîn el Kôm	00	8	12	3	0	0	—	6.4	38.9	25	0	00	7	22	2	0	0	—	6.6	25.9	76	0	
MIDDLE EGYPT																							
Cairo: Almâza	00	8	22	2	0	0	—	5	40	14	0	00	7	30	3	0	0	—	7.9	29.1	65	0	141
Cairo: Ezbekîya	00	7	28	1	0	0	—	5.8	37.6	25	0	00	7	32	3	0	0	—	8.3	28.3	74	0	
Cairo: Gîza	00	8	28	2	0	0	—	5.9	39.6	20	0	00	7	30	2	0	0	—	8.7	27.8	70	0	
Helwân	00	7	00	0	0	0	—	5.4	38.2	20	0	00	8	30	4	0	0	—	7.4	29.6	66	0	143
Suez	00	9	00	0	0	0	—		35.4	30	0	00	9	30	3	0	0	—		30.8	68	0	144
UPPER EGYPT																							
Faiyûm	00	8	00	0	0	0	—	5.6	38.5	28	0	00	8	30	3	0	0	—	6.0	32.0	48	0	153
Minya	00	9	32	2	0	0	—	6.6	37.5	22	0	00	9	00	0	0	0	—	6.4	31.8	43	0	154
Asyût												00	6	22	1	0	0	—	7.2	32.0	28	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	5.8	38.6	32	0	00	8	00	0	0	0	—	6.3	26.8	56	0	164
Qena	00	8	24	2	0	0	—	5.4	40.0	25	0	00	6	24	2	0	0	—	5.4	31.2	38	0	156
Luxor	00	8	22	2	0	0	—	5.0	40.5	18	0	00	8	22	1	0	0	—	5.0	30.8	52	0	157
Aswân	00	9	25	1	0	0	—	4.4	40.5	15	0	00	9	32	1	0	0	—	5.2	36.6	19	0	158
WESTERN DESERT																							
Sîwa	00	8	00	0	0	0	—	5.8	38.8	51	0	00		32	4	0	0	—	10.6	32.8	56	0	148
Baharîya	00	8	24	1	0	0	—	5.2	42.2	13	0	00	7	28	1	0	0	—	—	34.4	30	0	149
Khârga	00	9	04	1	0	0	—		40.7	12	0	00	9	04	1	0	0	—		35.8	19	0	151
Dâkhla	00	9	28	1	0	0	—	5.2	39.6	21	0	00	8	00	0	0	0	—	6.2	34.4	25	0	152
RED SEA																							
Tôr	00	7	28	2	0	0	—	5.5	31.9	64	0	00	7	28	2	0	0	—	6.0	30.5	65	0	145
Hurghâda	00	8	28	2	0	0	—	5.5	34.3		0	00	8	12	2	0	0	—	5.1	28.9	73	0	146
Quseir	00	8	02	2	0	0	—	6.6	31.2	75	0	00	8	10	1	0	0	—	5.3	28.9	78	0	147
Port Sûdân	02	8	06	3	1	6	8,4	4	36	65													208
NORTH SÛDÂN																							
Wâdi Halfa																							165
Kareima	02	8	20	3	1	8	2	5	40	11													166
'Atbara	01	7	20	2	1	4	8,4	4	39	23													167
Khartûm	01	7	20	4	1	4	8,4	6	36	35													209
Kassala	02	8	14	3	1	7	8,4	7	30	66													170
CENTRAL SÛDÂN																							
Wad Medani	01	8	16	4	1	5	8	7	33	53													171
Renk	01	9	20	2	1	5	8	9	29	70													182
Roseires	53	7	20	1	2	8	9		23	94													172
El Obeid	28	9	00	0	5	6	8	8	26	74													174
El Fâsher	01	8	00	0	1	3	8,4	—	34	41									—				175
Geneina	01	8	08	2	1	4	8,4	—	31	55									—				179
Kadugli	01	8	12	1	1	4	4	7	31	55													187
S. SÛDÂN																							
Malakâl	97	8	16	2	9	6	9,4	8	29	70													176
Wâu																							177
Juba																							[illegible]

Upper Winds on 4th (الرياح العليا يوم ٤)

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

Matrûh	Mariut	Port Sa'îd	Almâza	Minya 12h. 30m.	Luxor 12h. 45m.	Hurghâda	Wâdi Halfa	Kareima 13h.	Khartûm 14h.	Kassala	El Obeid 13h. 45m.	Malakal 13h.	Juba
				03 34 30	03 29 05			09 28 15	09 20 20		09 20 15	09 18 10	
				06 33 15	06 04 05			15 21 20	15 20 15		15 19 15	15 18 20	
				09 32 20	09 35 05			21 21 30	18 27 05		21 15 05	21 22 15	
				12 32 15	12 30 05			24 23 30			24 18 05	24 21 15	
				15 31 15	15 07 10			30 24 30			30 11 05	30 31 05	
				18 28 15	18 35 15			33 23 35				33 31 15	
				21 29 15	21 15 15							39 01 15	
				24 20 05	24 10 25								
					27 06 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.	1947	1946
Date 5-9	9634	10819
Date 4-9	9806	10854

Station	Mean of day: Humidity % on 4th	Diff from normal	Wet Bulb Temp °C on 4th	Diff from normal
Alexandria	64	-5	23.8	+1.4
Ezbekiya	59	-4	23.3	+1.2
Giza	67	+2	23.5	+1.9
Helwân	56	+3	22.6	+2.3

GÎZA — Grass minimum temp on 5th 16.4 °C

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

Gauge	Date (1947)	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-9-47	14.75	+0.93	14.25	+0.43
Nâsser		10.55	+0.41		
Malakâl		12.07	+0.08	12.06	+0.08
J. Auiia Res.				376.59	—
J. Aulia D.S				375.79	+0.36
Roseires		19.46	+0.46	19.34	+0.26
Sennar Res.				17.23	—
Khartûm		16.13	+0.46	16.16	+0.48
Kh. el Girba		14.18	+0.18	13.49	-0.53
'Atbara		15.43	+0.35	15.46	+0.37
Kajnarti		142.66	+0.90	142.70	+0.93
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.80	+0.64	92.90	+0.75
Roda (Cairo)		19.71	+1.15	19.64	+1.10

At 8h. on FRIDAY 5th (الساعة ٨ يوم الجمعة 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)	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												—		—				
Matrûh	01	9	30	4	0	3	8	13.1	+0.5	27.2	30	+2	26	+5	70	0	55	161
Mariut	00	7	30	1	0	2	8	12		28	32	—	28	—	66	0	139	138
Alexandria	01	9	28	3	2	4	8	12.0	-0.5	27.7	31	+1	25	+2	67	0	106	186
Damietta	01	7	18	1	1	3	8	11.1	-0.4	27.5	35	—	21	—	74	0	32	106
Port Sa'îd	01	8	28	2	1	4	6	11.8	+0.1	26.7	35	+4	24	+1	78	0	27	81
El 'Arîsh	01	9	20	1	1	3	8	11.5	+0.1	28.1	35	+5	23	+3	69	0	47	94
LOWER EGYPT																		
Damanhûr	01	7	24	3	0	3	8	12.6	+0.5	26.0	36	+4	21	+2	80	0	84	101
Mansûra	00	8	02	1	0	0	—	12.0	+0.2	26.5	38	+4	21	+1	79	0	15	55
Tanta	00	8	28	1	0	0	—	12.4	+0.2	25.4	38	+4	19	+1	76	0	8	44
Zagazig	01	6	24	2	0	4	4	13.0	+0.5	28.8	37	+3	21	+2	68	0	24	27
Shebîn el Kôm	00	8	30	2	0	0	—	12.0	-0.2	27.9	40	—	21	—	69	0	9	—
MIDDLE EGYPT																		
Cairo: Almaza	00	7	32	2	1	2	8	11.5	+0.4	25.8	40	—	23	—	76	0	14	—
Cairo: Ezbekîya	01	7	32	1	0	3	6	12.3	+0.2	26.3	40	+7	23	+2	77	0	13	26
Cairo: Gîza	01	6	30	2	1	3	8	12.7	+0.6	27.2	40	+7	20	+1	70	0	20	27
Helwân	01	7	32	2	1	3	8	12.3	+0.6	25.0	40	+7	22	+1	75	0	5	29
Suez	01	9	32	1	1	4	5			26.6	38	+3	22	0	72	0	4	17
UPPER EGYPT																		
Faiyûm	01	8	32	2	1	3	8	12.2	+0.4	26.0	40	+5	22	+2	74	0	8	8
Minya	01	8	32	2	1	4	8			25.2	38	+4	21	+1	62	0	dr.	—
Asyût	00	7	22	1	0	0	—	10.7	-0.1	27.3	40	+5	24	+2	55	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	—	9.2	-0.4	27.8	40	—	20	—	62	0	0	—
Qena	00	7	24	2	0	0	—	8.8	-0.2	31.0	42	+3	24	+1	44	0	dr.	
Luxor												—					dr.	—
Aswân	00	9	04	1	0	0	—	8.0	-1.2	33.6	42	+2	27	+5	26	0	dr.	
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	—	14.3	+0.3	26.0	40	+4	23	+4	92	0	2	8
Baharîya	00	8	04	2	0	0	—	12.2	-0.4	26.0	43	+8	21	+2	69	0	dr.	7
Khârga	00	9	32	2	0	0	—			28.3	41	+3	26	+4	59	0	dr.	—
Dâkhla	00	8	28	1	0	0	—	11.4	-0.1	31.3	40	+3	26	+4	40	0	dr.	—
RED SEA																		
Tôr	00	7	28	2	0	0	—	8.0	-0.3	29.1	33	0	24	+1	71	0	2	13
Hurghâda	00	8	30	5	0	0	—	8.4	-0.3	28.7	36	+2	23	-1	67	0	dr.	3
Quseir	00	8	32	2	0	0	—	8.6	+0.3	29.6	34	+1	25	-1	80	0	dr.	4
Port Sûdân	01	8	10	2	1	4	4	8		34			30		50	0	157	106
NORTH SÛDÂN																		
Wâdi Halfa																0	tr.	—
Kareima																0	7	26
'Atbara			24	2	0	0	—	10		31			28		49	0	55	65
Khartûm	00	8	16	4	1	2	4	11		28			26		66	0	53	148
Kassala	00	8	16	2	1	2	4	12		25			23		84	0	206	278
CENTRAL SÛDÂN																		
Wad Medani	01	9	18	4	1	4	4	12		27					79	0	234	347
Renk	01	9	20	2	1	5	1	12		26		—		—	79	—	—	444
Roseires	02	6	14	1	1	8	9	12		23					94	19	761	683
El Obeid	01	9	16	1	1	4		11		25			22		79	15	384	307
El Fâsher	01	8	16	3	0	3	8	—	—	26			23		58	0	126	293
Geneina								—	—			—		—		—	—	518
Kadugli	01	8	12	1	1	4	1	12		24		—		—	94	—	—	631
S. SÛDÂN																		
Malakâl																2	706	720
Wâu	02	8	12	1	1	5	4	11		24			23		84	0	1224	964
Juba																0	1060	872

Upper Winds on 5th (الرياح العليا يوم ٥)

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

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa	Abu Hamad	Kareima 7h.	Khartûm
										03 18 05	
										06 18 20	
										09 14 15	
										15 05 10	
										21 05 10	
										24 04 15	
										30 34 05	
										33 05 05	
										39 27 05	

Kassala	Port Sûdân 7h.	El Obeid 7h. 30m.	El Fâsher 7h. 15m.	Geneina	Malakal
	03 22 05	06 17 30	09 19 30		
	06 17 05	09 18 30	15 20 30		
	09 19 25	15 19 35	21 19 10		
	15 27 10	21 15 15	24 14 05		
		24 11 15			
		30 06 30			

Cyprus Synoptic 8h on 5th
34880 01953 22203 07261 60202 00190
34710 01961 22401 07272 00102 00210

Upper Air Temp — Almâza — At ... G.M.T. on ...

Height (feet)	P.P.P (mb.)	TT (°F)	tt (°F)
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

WIND FORCE (F)

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

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

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog in past hour	41
Thi[illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	65, 68
Snow	70-79
Show[illegible]	80-89
... of Snow	83, 84
... of Sleet	85, 86
... of Hail	88, 89
Thunderstorm	90-99
... ended Snow Rain	91
... with Hail	94-96
... with Duststorm	98
... heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	0
200	1
500	2
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 5h 54m
Sunset 17h 13m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER 1947 — شهر سبتمبر ١٩٤٧

1417 F.S.

At 14h. on FRIDAY 5th. — الساعة ١٤ يوم ٥

Region	Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 8-14 hr. mms	Station Number
MEDITERRANEAN	SALÛM												130
	MATRÛH	01	9	30	4	0	3	8	13.6	28.7	66	0	131
	MARIUT	00	7	28	3	0	2	6	12	29	66	0	150
	ALEXANDRIA	01	9	28	3	2	4	8	11.9	30.4	56	0	132
	DAMIETTA	00	8	28	3	1	0	—	11.1	28.8	59	0	159
	PORT SA'ÎD	00	8	02	2	0	0	—	11.5	31.0	55	0	134
	EL 'ARÎSH	00	9	30	4	0	0	—	10.6	29.1	62	0	135
LOWER EGYPT	DAMANHÛR	01	7	24	3	1	3	8	11.8	30.8	57	0	136
	MANSÛRA	01	8	20	1	1	4	8	11.1	33.5	41	0	137
	TANTA	00	8	28	1	0	0	—	10.6	33.4	34	0	138
	ZAGAZIG	00	6	32	2	0	0	—	11.1	33.9	51	0	139
	SHEBÎN EL KÔM	00	8	30	3	0	0	—	11.8	34.2	38	0	—
MIDDLE EGYPT	CAIRO ALMÁZA	00	8	30	2	0	0	—	11	33	44	0	141
	CAIRO EZBEKÎYA	00	8	28	2	0	0	—	11.1	32.0	51	0	—
	CAIRO GÎZA	00	8	30	2	0	0	—	11.6	32.6	36	0	—
	HELWÂN	00	7	26	4	0	0	—	10.7	31.8	39	0	143
	SUEZ	00	9	32	1	0	0	—		32.3	39	0	144
UPPER EGYPT	FAIYÛM	00	8	02	2	0	0	—	10.3	33.0	39	0	153
	MINYA	00	9	32	3	1	0	—	10.2	32.5	36	0	154
	ASYÛT	00	8	22	1	0	0	—	9.9	35.1	32	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	—	8.0	37.8	33	0	164
	QENA	00	8	24	2	0	0	—	6.4	41.0	35	0	156
	LUXOR	00	9	04	1	0	0	—	6.7	42.2	21	0	157
	ASWÂN	00	9	24	1	0	0	—	5.5	42.6	23	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	14.4	34.2	71	0	148
	BAHARÎYA	00	8	32	1	0	0	—	10.4	34.0	31	0	149
	KHÂRGA	00	9	04	2	0	0	—	—	38.0	21	0	151
	DAKHLA	00	9	28	2	0	0	—	9.4	37.8	28	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	7.5	30.8	68	0	145
	HURGHÂDA	00	8	02	4	0	0	—	7.6	33.1	48	0	146
	QUSEIR	00	8	02	2	0	0	—	7.2	31.1	77	0	147
	PORT SÛDÂN	01	8	06	3	1	4	8	5	35	71		208
NORTH SÛDÂN	WÂDI HALFA	00	8	20	3	0	1	1	6	42	11		165
	KAREIMA	02	8	12	1	1	8	4,1	7	40	11		166
	'ATBARA	02	7	20	2	1	6	8,4	6	37	37		167
	KHARTÛM	01	8	09	2	1	5	9,4	7	36	40		209
	KASSALA	01	8	20	1	1	4	8,1	7	37	45		170
CENTRAL SÛDÂN	WAD MEDANI	02	8	12	3	1	5	8	9	35	39		171
	RENK	01	9	14	2	1	5	8	10	31	59		182
	ROSEIRES	00	8	20	1	1	2	4	10	29	70		172
	EL OBEID	02	9	14	3	1	8	4,2	7	33	44		174
	EL FÂSHER	01	8	08	2	1	4	8	—	34	32	—	175
	GENEINA	01	8	20	1	1	4	8,4	—	31	52	—	179
	KADUGLI	02	8	12	1	1	5	4	9	31	55		187
S. SÛDÂN	MALAKÂL	02	8	00	0	1	5	9,4	9	32	52		176
	WÂU	22	8	00	0	6	5	9	9	26	84		177
	JUBA												173

At 20h. on 5th. — الساعة ٢٠ يوم ٥ الجمعة

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 14-20 hr. mms
SALÛM											
MATRÛH	01	8	32	4	1	3	8	14.8	26.6	80	0
MARIUT	00	7	30	1	0	3	6	14	26	74	0
ALEXANDRIA	01	5	04	2	2	4	4	13.9	27.0	69	0
DAMIETTA	00	7	28	3	1	2	8	13.1	25.8	76	0
PORT SA'ÎD	00	8	28	3	0	3	8	13.5	26.3	74	0
EL 'ARÎSH	00	9	30	3	0	0	—	12.2	27.8	70	0
DAMANHÛR	00	7	32	3	1	0	—		25.5	74	0
MANSÛRA	00	6	32	2	1	0	—	13.8	25.6	76	0
TANTA	00	8	00	0	0	0	—	14.0	24.6	76	0
ZAGAZIG	00	6	24	2	0	0	—	12.0	26.0	64	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	12.0	25.9	68	0
CAIRO ALMÁZA	00	7	02	4	0	0	—	13.2	28.4	63	0
CAIRO EZBEKÎYA	00	7	32	3	0	0	—	13.8	27.3	69	0
CAIRO GÎZA	00	8	28	2	0	0	—	13.9	29.4	51	0
HELWÂN	00	7	32	6	0	1	6	12.7	28.6	56	0
SUEZ	00	7	32	1	0	0	—		29.0	58	0
FAIYÛM	00	8	02	1	0	0	—	11.2	30.1	45	0
MINYA	00	7	28	2	0	0	—	11.1	30.9	40	0
ASYÛT	00	6	22	1	0	0	—	11.0	30.7	38	0
NAG' HAMÂDI	00	8	32	1	0	0	—	9.0	30.3	48	0
QENA	00	6	24	2	0	0	—	8.2	32.2	41	0
LUXOR	00	8	26	3	0	0	—	6.7	35.0	28	0
ASWÂN	00	9	00	0	0	0	—	6.7	37.3	24	0
SÎWA	00		04	5	0	0	—	15.5			0
BAHARÎYA	00	6	32	2	0	0	—	12.3	29.0	40	0
KHÂRGA	00	9	32	1	0	0	—	—	34.2	21	0
DAKHLA	00	8	28	1	0	0	—	11.0	34.0	31	0
TÔR	00	7	28	3	0	0	—	7.8	31.2	60	0
HURGHÂDA	00	8	30	4	0	0	—	8.3	31.9	40	0
QUSEIR	00	8	02	1	0	0	—	8.6	28.6	73	0
PORT SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 5th. — الرياح العليا يوم ٥

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÁZA h. m.	MINYA 12h.30m.	LUXOR 12h.30m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA h. m.	KHARTÛM 13h. m.	KASSALA h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA h. m.
				03 31 15	03 09 05		03 23 35		06 21 20		06 20 15	06 19 05	
				06 01 10	06 34 25		06 23 25		09 18 15		09 21 15	09 20 10	
				09 33 30	09 31 15		09 33 30		15 16 21		15 20 20	15 18 25	
				15 32 10	15 27 15		15 22 35				21 20 30	21 19 20	
				21 22 25	18 31 10		21 21 35				30 17 10		
				24 24 30									
				30 26 35									
				39 26 20									
				45 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	1947	1946
	6th.	9581	10778
	5th.	9634	10819

STATION	Mean of day: Humidity %	Diff from normal	Wet Bulb Temp °C	Diff from normal	Previous day: Reading	Diff. from normal
	5th.		5th.			
Alexandria	66	−3	23.4	+1.0		
Ezbekiya	67	+4	23.6	+1.5		
Giza	68	−10	22.5	+1.0		
Helwân	62	+9	22.1	+1.9		

GÎZA — GRASS MINIMUM TEMP. ON 6th. 17.5 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba				14.75	+0.93
Nâsser				10.55	+0.41
Malakâl		12.08	+0.08	12.07	+0.08
J. Aulia Res.					
J. Aulia D.S					
Roseires	5th.	19.42	+0.39	19.46	+0.40
Sennar Res.					
Khartûm	6	16.13	+0.46	16.13	+0.46
Kh. el Girba				14.18	+0.18
'Atbara		15.32	+0.25	15.43	+0.35
Kajnarti		142.80	+1.06	142.66	+0.90
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.77	+0.61	92.80	+0.64
Roda (Cairo)		19.82	+1.21	19.71	+1.15

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

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

Region	Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Sea Level Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Dry Bulb °C (ttt)	Yesterday Maximum °C (MM)	Diff. from norm °C	Today Minimum °C (mm)	Diff. from norm °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN	SALÛM											—		—					100
	MATRÛH	00	9	02	2	0	0	—	17.6	+4.9	26.5	29	+1	25	+4	64	0	55	161
	MARIUT	00	7	31	3	0	0	—	15		27	30	—	25	—	55	0	139	138
	ALEXANDRIA	00	9	32	2	0	0	—	15.2	+2.6	26.2	31	+1	25	+2	54	0	102	136
	DAMIETTA	00	8	28	3	1	2	8	15.0	+3.4	26.5	30	—	20	—	64	0	32	106
	PORT SA'ÎD	01	7	28	2	1	3	8	14.0	+3.0	27.0	32	+1	24	+1	62	0	27	81
	EL 'ARÎSH	00	9	20	2	0	3	8	13.0	+1.4	28.7	31	+1	24	+4	62	0	47	94
LOWER EGYPT	DAMANHÛR	00	7	32	3	0	0	—	15.6	+3.3	25.2	32	0	20	+1	71	0	84	101
	MANSÛRA	00	8	02	1	0	0	—	14.7	+2.8	26.0	35	+1	21	+1	66	0	15	55
	TANTA																	8	44
	ZAGAZIG	00	6	32	2	0	0	—	15.5	+2.9	28.0	37	+3	20	+1	35	0	24	27
	SHEBÎN EL KÔM	00	8	30	2	0	0	—	15.4	+2.0	27.7	36	—	21	—	58	0	9	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	30	1	0	0	—	14.8	+2.6	24.9	35	—	22	—	71	0	14	—
	CAIRO EZBEKÎYA	00	6	32	2	0	3	8	15.0	+2.8	24.9	33	0	23	+2	70	0	13	26
	CAIRO GÎZA	01	6	28	2	1	3	8	15.4	+3.2	26.9	33	0	20	+2	63	0	20	27
	HELWÂN	00	7	30	2	0	1	6	15.1	+3.3	24.9	33	0	22	+1	64	0	5	29
	SUEZ	01	9	32	1	0	5	5			26.2	35	0	22	0	71	0	4	17
UPPER EGYPT	FAIYÛM	01	8	02	1	1	3	8	15.2	+3.3	25.7	34	−1	22	+2	71	0	8	8
	MINYA	00	9	32	3	0	0	—	14.4	+3.2	27.5	34	0	22	+2	60	0	dr	—
	ASYÛT	00	7	30	1	0	0	—	14.0	+3.1	26.6	36	+1	23	+1	61	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	12.6	+2.9	28.3	38	—	20	—	62	0	0	—
	QENA	00	6	24	2	0	0	—	11.5	+2.4	28.3	41	+2	25	+2	58	0	dr	—
	LUXOR	00	9	22	1	0	0	—	10.8	+1.4	33.0	43	+3	24	+2	34	0	dr	—
	ASWÂN	00	9	32	3	0	0	—	11.0	+2.1	30.8	44	+4	28	+3	38	0	dr	—
WESTERN DESERT	SÎWA	00	6	00	0	0	0	—	17.8	+3.6	24.8	36	0	21	+2	85	0	2	8
	BAHARÎYA	01	8	32	2	1	4	8	15.1	+2.3	24.4	36	+1	20	+1	69	0	dr	7
	KHÂRGA	00	9	32	3	0	0	—	—		27.2	39	+1	25	+3	60	0	dr	—
	DÂKHLA	00	8	28	1	0	0	—	13.1	+1.5	28.4	38	+1	25	+3	43	0	dr	—
RED SEA	TÔR	00	7	28	4	0	0	—	11.0	+2.6	28.2	31	+2	24	+8	64	0	2	13
	HURGHÂDA	00	8	30	5	0	0	—	11.2	+2.4	28.3	34	0	25	+1	61	0	dr	3
	QUSEIR	00	8	32	4	0	0	—	11.2	+2.8	29.6	32	−1	27	+1	68	0	dr	4
	PORT SÛDÂN	01	8	32	8	1	3	4	8		37			31		83	0	157	106
NORTH SÛDÂN	WÂDI HALFA	01	8	02	2	1	3	4,2	11		29			23		43	0	6	—
	KAREIMA	01	8	18	2	1	5	4,5	10		33			25		47	dr	7	26
	'ATBARA	02	7	20	1	1	6	4,5	11		29			28		62	0	55	65
	KHARTÛM	02	8	18	2	2	5	4	11		32			27		55	0	58	149
	KASSALA	01	8	00	0	1	3	4,2	11		28			22		35	dr	206	220
CENTRAL SÛDÂN	WAD MEDANI	21	9	16	3	5	8	7,5	11		26					84	0	234	349
	RENK	01	9	20	2	1	4	1	13		25	—			—	94	—	—	447
	ROSEIRES	00	8	16	1	1	2	4	14		25					94	0	761	691
	EL OBEID	01	8	18	3	1	4	4	12		27			23		70	0	384	310
	EL FÂSHER	01	8	16	2	1	3	4	—	—	27			24		45	0	126	295
	GENEINA	02	8	00	0	1	6	4	—	—	23	—		21	—	94	—	—	521
	KADUGLI	02	8	18	2	2	5	4	13		26	—			—	77	—	—	636
S. SÛDÂN	MALAKÂL																4	710	725
	WÂU	02	8	00	0	1	6	4,2	13		23			22		67	9	1233	970
	JUBA																17	1077	876

UPPER WINDS ON 6th. — الرياح العليا يوم ٦

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9 h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h.15 m.	KHARTÛM 7 h. m.
			02 36 20		02 36 25		02 36 30	03 01 30	06 24 30	03 20 05	06 19 15
			05 35 75		05 36 25		05 02 30	06 05 30	09 26 30	06 21 25	09 19 20
			08 35 70		10 31 25		10 04 20	09 04 20	15 30 15	09 22 20	15 13 15
			10 36 45		15 02 10		15 06 40	15 30 20	21 02 15	15 26 25	21 09 15
			15 02 25		20 05 30			21 24 20	30 05 20	21 32 05	30 11 30
			20 02 30					27 22 25	39 14 25	30 06 10	39 12 40
			23 36 25							39 06 20	45 15 20
			25 36 25								

KASSALA h. m.	PORT SÛDÂN 6 h.30 m.	EL OBEID 7 h.15 m.	EL FÂSHER 7 h. m.	GENEINA 7 h.15 m.	MALAKAL h. m.
	03 08 15	06 21 35	09 20 20	09 32 05	
	06 07 20	09 22 30	15 16 20	15 28 05	
	09 06 30	15 15 25	21 11 30	21 11 15	
	15 08 30	21 07 10	24 10 30		
	21 08 25	30 13 35	30 08 30		
	30 36 30	39 11 30	39 07 35		
	39 34 20				

CYPRUS SYNOPTIC 8h ON 6th.

34700	00990	00000	11251	40312	00180.
34850	01864	06214	11241	30208	00200.

UPPER AIR TEMP. ALMÁZA — AT G.M.T. ON

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

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise 05 h. 36 m.
Sunset 18 h. 11 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *september* 1947 — شهر سبتمبر ١٩٤٧

1417 F.C.

At 14h. on *Saturday 6th* — الساعة ١٤ يوم ٦

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	02	3	0	0	—	17.2	27.8	52	0	131
MARIUT	00	8	30	4	0	1	8	16	28	52	—	150
ALEXANDRIA	00	9	02	5	0	0	—	15.5	27.0	48	0	132
DAMIETTA	01	8	28	3	1	4	8	13.8	27.5	65	0	159
PORT SA'ÎD	01	8	30	4	1	4	8	14.2	29.8	59	0	134
EL 'ARÎSH	00	9	28	4	0	0	—	13.0	29.4	54	0	135
LOWER EGYPT: DAMANHÛR	00	7	32	3	0	0	—	15.2	28.8	47	0	136
MANSÛRA	01	8	30	2	1	3	8	14.2	30.8	43	0	137
TANTA	00	8	28	4	0	0	—	15.2	30.0	41	0	138
ZAGAZIG	00	6	24	2	0	0	—	15.0	30.0	57	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	14.3	31.7	39	0	—
MIDDLE EGYPT, CAIRO: ALMÂZA	00	8	30	3	0	0	—	13	32	34	0	141
EZBEKÎYA	00	8	26	3	0	0	—	15.8	30.9	46	0	—
GÎZA	00	8	28	2	0	0	—	18.5	30.6	46	0	—
HELWÂN	00	7	32	4	0	0	—	13.1	30.3	36	0	143
SUEZ	00	9	32	1	0	0	—		33.4	36	0	144
UPPER EGYPT: FAIYÛM	00	8	32	2	0	0	—	12.8	32.0	28	0	153
MINYA	00	9	26	4	0	0	—	12.7	32.0	43	0	154
ASYÛT	00	8	28	1	0	0	—	11.5	34.0	22	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	9.9	35.8	27	0	164
QENA	00	8	24	2	0	0	—	8.3	38.2	34	0	156
LUXOR	00	9	20	1	0	0	—	8.7	40.8	25	0	157
ASWÂN	00	9	30	1	0	0	—	7.5	40.6	25	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	17.0	33.0	34	0	148
BAHARÎYA	00	8	32	1	0	0	—	14.7	33.0	32	0	149
KHÂRGA	00	9	32	1	0	0	—	—	36.2	21	0	151
DAKHLA	00	9	32	2	0	0	—		36.2	24	0	152
RED SEA: TÔR	00	7	28	5	0	0	—	8.7	29.7	65	0	145
HURGHÂDA	00	8	02	4	0	0	—	9.0	31	48	0	146
QUSEIR	00	8	02	2	0	0	—		31.0	69	0	147
PORT SÛDÂN	00	8	04	4	1	3	8,4	6	39	44		208
NORTH SÛDÂN: WÂDI HALFA	00	8	04	1	1	3	1	7	41	16		165
KAREIMA	01	8	08	1	1	4	4	6	41	16		166
'ATBARA	01	7	22	2	1	5	8,4	7	39	28		167
KHARTÛM	10	8	24	3	0	5	9,4	6	38	31		209
KASSALA	00	8	16	1	0	2	8	7	34	50		170
CENTRAL SÛDÂN: WAD MEDANI	01	8	20	3	2	5	8	8	36	42		171
RENK												182
ROSEIRES	00	8	20	1	1	0	—	12	31	59		172
EL OBEID	10	9	16	2	1	5	8,4	7	33	44		174
EL FÂSHER	02	8	16	3	1	8	8,2	—	33	41		175
GENEINA								—				179
KADUGLI	01	8	20	2	1	3	1	10	32	49		187
S. SÛDÂN: MALAKÂL	95	6	16	4	9	8	6		21	95		176
WÂU	02	8	10	2	5	8	8,4	11	28	70		177
JUBA												173

At 20h. on *6th* — الساعة ٢٠ يوم السبت ٦

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	02	3	0	0	—	17.1	25.6	72	0
MARIUT	00	7	31	2	0	0	—	15	24	66	0
ALEXANDRIA	00	5	02	5	0	0	—	15.1	24.0	56	0
DAMIETTA	00	7	28	3	1	2	8	13.9	25.0	62	0
PORT SA'ÎD	00	8	30	3	0	3	8	13.6	25.4	69	0
EL 'ARÎSH	00	9	28	4	0	0	—	12.6	27.8	67	0
LOWER EGYPT: DAMANHÛR	00	7	32	3	0	0	—	15.5	23.5	67	0
MANSÛRA	00	6	32	2	1	0	—	15.2	23.8	71	0
TANTA	00	8	28	2	0	0	—	15.6	23.0	74	0
ZAGAZIG	00	6	24	2	0	0	—	15.0	25.9	70	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	14.8	22.2	75	0
MIDDLE EGYPT, CAIRO: ALMÂZA	00	7	32	2	0	0	—	14.6	25.8	49	0
EZBEKÎYA	00	7	28	2	0	0	—	14.8	25.1	61	0
GÎZA	00	7	00	0	0	0	—	15.1	24.2	60	0
HELWÂN	00	7	32	4	0	0	—	14.2	25.8	48	0
SUEZ	00	9	32	1	0	0	—		29.0	59	0
UPPER EGYPT: FAIYÛM	00	8	30	2	0	0	—	13.2	27.0	38	0
MINYA	00	9	28	2	0	0	—	12.0	28.2	48	0
ASYÛT	00	6	26	1	0	0	—	11.0	29.6	32	0
NAG' HAMÂDI	00	8	24	1	0	0	—	9.1	29.2	41	0
QENA	00	6	24	2	0	0	—	8.4	31.2	43	0
LUXOR	00	8	24	3	0	0	—	8.4	38.0	32	0
ASWÂN	00	9	32	2	0	0	—	8.0	35.0	28	0
WESTERN DESERT: SÎWA			00	2	0	0	—	16.4	32.0	37	0
BAHARÎYA	00	7	32	2	0	0	—	13.9	28.0	33	0
KHÂRGA	00	9	32	2	0	0	—		32.6	24	0
DAKHLA	00	8	28	1	0	0	—	11.5	31.2	34	0
RED SEA: TÔR	00	7	28	3	0	0	—	9.1	30.4	60	0
HURGHÂDA	00	8	28	4	0	0	—	9.0	29.1	47	0
QUSEIR	00	8	32	2	0	0	—	9.2	28.8	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 *6th* — الرياح العليا يوم ٦

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 13 h. m.	KHARTÛM h. m.	KASSALA 13 h. m.	EL OBEID 13 h 15 m.	MALAKAL h. m.	JUBA h. m.
								03 06 05		06 21 15	06 20 10		
								06 05 10		09 21 20	09 21 15		
								09 02 05		15 17 05	15 23 15		
								15 01 05		21 03 20	21 14 10		
								21 01 10		30 05 30			
								30 01 20		39 07 20			
								39 35 35					

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	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff from norm °C	MINIMUM Today °C mm	Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct 1 mms	Norm From Oct 1 mms
MEDITERRANEAN: SALÛM											—		—					100
MATRÛH	00	9	00	0	0	0	—	15.0	+2.1	26.3	28	0	25	+4	60	0	55	161
MARIUT	00	8	31	1	0	2	6	14		26	29	—	22	—	58	0	139	138
ALEXANDRIA	01	9	32	2	1	4	4	14.6	+1.9	25.4	28	-2	23	0	56	0	106	186
DAMIETTA	00	8	28	2	1	2	4	14.0	+2.3	25.2	28	—	18	—	61	0	32	106
PORT SA'ID	00	8	28	1	0	0	—	13.9	+2.8	26.0	32	+1	23	0	58	0	27	81
EL 'ARÎSH	01	9	28	3	2	4	8	13.2	+1.5	26.9	30	0	24	+4	63	0	47	94
LOWER EGYPT: DAMANHÛR	00	7	32	2	0	0	—	15.1	+2.7	24.0	32	0	18	-1	66	0	84	101
MANSÛRA	00	8	32	1	0	0	—	14.6	+2.5	25.0	31	-3	19	-1	62	0	15	55
TANTA	00	8	32	1	0	0	—	14.6	+2.1	23.0	31	-3	15	-3	74	0	8	44
ZAGAZIG	00	6	32	3	0	0	—	14.7	+2.0	25.5	32	-2	18	-1	65	0	24	27
SHEBÎN EL KÔM	00	8	30	2	0	0	—	15.1	+2.6	24.8	33	—	18	—	61	0	9	—
MIDDLE EGYPT, CAIRO: ALMAZA	00	7	04	1	0	0	—	14.1	+1.8	22.2	33	—	19	—	65	0	14	—
EZBEKÎYA	00	6	30	3	0	0	—	14.2	+1.9	23.0	32	-1	20	-1	70	0	13	26
GÎZA	00	7	32	1	0	0	—	14.3	+2.0	24.7	31	-2	17	-1	57	0	20	27
HELWÂN	00	7	32	3	0	0	—	13.8	+1.9	22.8	31	-2	20	-1	61	0	5	29
SUEZ	00	9	32	1	0	0	—			24.4	34	0	20	-2	68	0	4	17
UPPER EGYPT: FAIYÛM	00	8	32	3	0	0	—	14.0	+2.0	23.8	33	-2	18	-2	60	0	8	8
MINYA	00	9	32	2	0	0	—	12.6	+2.3	25.0	33	-1	19	-1	61	0	dr.	—
ASYÛT	00	7	30	2	0	0	—	13.0	+2.0	23.2	35	+1	21	0	65	0	0	4
NAG' HAMÂDI	00	8	24	1	0	0	—	11.4	+1.6	25.9	37	—	21	—	63	0	0	—
QENA	00	7	24	2	0	0	—	10.7	+1.5	26.0	39	0	24	+1	62	0	dr.	—
LUXOR	00	5	22	2	0	0	—	10.6	+1.1	30.0	41	+1	22	0	47	0	dr.	—
ASWÂN	00	9	32	2	0	0	—	10.3	+1.3	28.6	43	+3	25	0	37	0	dr.	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	17.1	+2.8	25.6	35	-1	19	0	57	0	2	8
BAHARÎYA	00	8	04	2	0	0	—	14.6	+1.7	23.5	33	-2	18	-1	56	0	dr.	7
KHÂRGA	00	9	32	2	0	0	—			23.9	37	-1	22	0	59	0	dr.	—
DÂKHLA	00	8	32	1	0	0	—	14.0	+2.3	23.3	37	0	21	0	59	0	dr.	—
RED SEA: TÔR	00	7	28	2	0	0	—	9.1	+0.6	27.6	30	-3	23	0	65	0	2	13
HURGHÂDA	00	8	30	5	0	0	—	9.9	+0.9	26.6	33	-1	24	0	69	0	dr.	3
QUSEIR	00	8	32	4	0	0	—	10.0	+1.5	28.6	32	-1	26	0	68	0	dr.	4
PORT SÛDÂN																0	157	106
NORTH SÛDÂN: WÂDI HALFA																0	64	—
KAREIMA	05	5	30	4	1	8	2	11		30			28		55	0	7	26
'ATBARA	02	7	20	4	1	8	4,5	10		29			27		55	0	55	66
KHARTÛM																13	66	150
KASSALA	01	8	18	3	1	5	4,1	13		27					79	3	209	283
CENTRAL SÛDÂN: WAD MEDANI	02	9	24	2	6	7	5	14		23					95	64	234	352
RENK	01	9	20	2	1	5	8	15		25	—		—		84	—	—	450
ROSEIRES	00	8	20	2	1	2	4	14		24					94	16	777	699
EL OBEID																2	386	313
EL FÂSHER	81	8	00	0	8	8	4,4	—	—	23					89	2	128	296
GENEINA	02	8	00	0	1	7	4,4	—	—	21	—		—		95	—	—	524
KADUGLI											—		—			—	—	641
S. SÛDÂN: MALAKÂL																5	715	730
WÂU																2	1235	976
JUBA																5	1082	880

UPPER WINDS ON *7th* — الرياح العليا يوم ٧

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 8 h 45 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA 7 h. m.	KHARTÛM h. m.
			02 36 25		02 33 20		02 36 15			03 17 05	
			05 04 15		05 35 55		05 36 15			06 18 20	
			10 04 25		10 35 35		10 02 25			09 19 10	
			15 01 30				15 07 02			15 26 20	
			20 02 40				20 22 05			30 36 20	
			25 02 20				25 24 10				
			30 32 15								
			40 30 10								

KASSALA 7 h 45 m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER 7 h 45 m.	GENEINA 7 h 45 m.	MALAKAL h. m.
06 21 20			09 32 05	09 00 00	
09 23 10			15 15 05	15 07 20	
15 24 15			21 14 15	21 08 30	
21 26 15			30 12 40	30 07 30	
30 26 05			39 11 35		
			45 13 40		

UPPER AIR TEMP — ALMÂZA

AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON *7th*

38700 00990 11200 13261 10303 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 6th	Diff from normal	Wet bulb temp °C on 6th	Diff from normal	Previous day: Reading m.	Diff. from normal m.
Alexandria	53	-16	19.4	-2.9		
Ezbekiya	60	-3	21.3	-0.7		
Giza	56	-10	21.2	-0.3		
Helwân	52	-1	19.8	-0.4		

GÎZA — GRASS MINIMUM TEMP ON 7th 12.8 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba				14.45	+0.62
Nâsser				10.57	+0.41
Malakâl		12.10	+0.08	12.08	+0.08
J. Aulia Res.				378.55	—
J. Aulia D.S				375.84	+0.03
Roseires	7th	19.05	+0.06	19.42	+0.39
Sennar Res.				17.20	—
Khartûm				16.13	+0.46
Kh. el Girba				13.78	+0.17
'Atbara				15.32	+0.25
Kajnarti				143.80	+1.06
Aswân Res.		98.50	—	98.50	—
Aswân D.S		93.81	+0.66	92.77	+0.61
Roda (Cairo)		19.89	+1.23	19.82	+1.21

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	7th	9637	10739
	6th	9587	10798

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

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

ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 05 35 h. m.
Sunset 18 10

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧ — 1417 F.C.

At 14h. on Sunday 7th — الساعة ١٤ يوم الأحد ٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS. M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN — SALÛM												130
MATRÛH	00	9	32	1	0	0	—	14.8	28.3	70	0	131
MARIUT	00	8	30	3	0	0	—	14	29	40	0	150
ALEXANDRIA	00	9	32	3	0	0	—	13.9	27.7	53	0	132
DAMIETTA	00	8	30	3	1	0	—	13.2	26.9	56	0	159
PORT SA'ID	00	8	28	3	0	0	—	13.4	29.1	50	0	134
EL 'ARISH	00	9	32	4	0	0	—	12.3	27.8	67	0	135
LOWER EGYPT — DAMANHÛR	00	7	32	3	0	0	—	12.9	29.0	39	0	136
MANSURA	00	8	02	1	0	0	—	13.0	31.0	42	0	137
TANTA	00	8	23	2	0	0	—	13.2	31.0	37	0	138
ZAGAZIG	00	6	24	2	0	0	—	13.0	31.0	42	0	139
SHEBIN EL KÔM	00	8	28	3	0	0	—	13.5	31.2	42	0	—
MIDDLE EGYPT — CAIRO ALMAZA	00	8	30	2	0	0	—	—	30	38	0	141
CAIRO EZBEKIYA	00	7	28	3	0	0	—	13.6	30.4	43	0	—
CAIRO GIZA	00	8	28	3	0	0	—	13.4	29.6	42	0	—
HELWÂN	00	7	32	3	0	0	—	11.8	31.1	27	0	143
SUEZ	00	9	32	1	0	0	—		31.4	37	0	144
UPPER EGYPT — FAIYÛM	00	8	02	3	0	0	—	11.6	31.0	26	0	153
MINYA	00	9	32	4	0	0	—	11.5	31.1	35	0	154
ASYÛT	00	8	30	1	0	0	—	10.4	32.5	26	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	9.1	34.0	40	0	164
QENA	00	8	24	2	0	0	—	7.8	37.2	37	0	156
LUXOR	00	9	28	2	0	0	—	8.0	39.0	24	0	157
ASWÂN	00	9	32	1	0	0	—	6.4	40.3	26	0	158
WESTERN DESERT — SIWA	00	8	28	2	0	0	—	15.9	33.8	36	0	148
BAHARIYA	00	8	32	1	0	0	—	12.2	32.0	28	0	149
KHÂRGA	00	9	04	2	0	0	—	—	33.8	18	0	151
DAKHLA	00	9	28	2	0	0	—	10.6	36.0	25	0	152
RED SEA — TÛR	00	7	28	4	0	0	—	8.7	29.6	66	0	145
HURGHÂDA	00	8	20	4	0	0	—	7.8	30.6	62	0	146
QUSEIR	00	8	32	3	0	0	—		30.3	71	0	147
PORT SÛDÂN	01	8	08	1	0	3	8.4	7	34	56		208
NORTH SÛDÂN — WÂDI HALFA	02	8	30	3	1	6	4.2	8	39	13		165
KAREIMA	02	7	26	5	1	8	2	7	39	21		166
'ATBARA	01	8	24	2	3	5	8.4	7	38	27		167
KHARTÛM	02	8	23	3	2	5	6.4	9	30	59		209
KASSALA	01	8	20	3	1	5	8.1	9	31	59		170
CENTRAL SÛDÂN — WAD MEDANI	01	8	24	3	1	5	8	10	31	62		171
RENK												182
ROSEIRES	02	7	20	1	1	8	9	11	25	84		172
EL OBEID	03	8	29	4	6	8	9.5	11	27	70		174
EL FÂSHER	02	8	22	2	8	8	6.4	—	29	46	—	175
GENEINA	02	8	04	2	1	8	8.1	—	29	66	—	179
KADUGLI												187
S. SÛDÂN — MALAKÂL	02	8	06	2	1	5	8	10	31	55		176
WÂU												177
JUBA												173

At 20h. on 7th — الساعة ٢٠ يوم الأحد ٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS. M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN — SALÛM											
MATRÛH	00	8	00	0	0	0	—	13.8	25.8	82	0
MARIUT	00	7	30	2	0	0	—	13	24		0
ALEXANDRIA	00	5	32	3	0	0	—	13.9	25.0	70	0
DAMIETTA	00	7	28	2	0	0	—	13.0	24.0	73	0
PORT SA'ID	00	8	30	2	0	0	—	13.5	26.4	71	0
EL 'ARISH	00	9	28	3	0	0	—	10.6	25.7	65	0
LOWER EGYPT — DAMANHÛR	00	7	32	3	0	0	—	14.3	24.0	72	0
MANSURA	00	6	02	1	0	0	—	13.5	24.2	71	0
TANTA	00	8	00	0	0	0	—	13.6	23.0	78	0
ZAGAZIG	00	6	24	2	0	0	—	14.2	26.3	67	0
SHEBIN EL KÔM	00	7	30	2	0	0	—	14.6	23.2	68	0
MIDDLE EGYPT — CAIRO ALMAZA	00	7	29	2	0	0	—	—	28.7	61	0
CAIRO EZBEKIYA	00	7	28	2	0	0	—	14.3	25.4	58	0
CAIRO GIZA	00	7	28	2	0	0	—	14.3	26.2	57	0
HELWÂN	00	7	32	4	0	0	—	12.7	24.8	60	0
SUEZ	00	9	32	1	0	0	—	—	26.2	53	0
UPPER EGYPT — FAIYÛM	00	8	02	2	0	0	—	11.6	26.8	50	0
MINYA	00	9	32	2	0	0	—	11.1	27.8	42	0
ASYÛT	00	6	28	1	0	0	—	10.4	28.0	33	0
NAG' HAMÂDI	00	8	00	0	0	0	—	9.2	27.9	55	0
QENA	00	6	22	3	0	0	—	8.0	30.3	42	0
LUXOR	00	8	26	1	0	0	—	8.2	29.0	51	0
ASWÂN	00	9	32	1	0	0	—	7.1	35.0	28	0
WESTERN DESERT — SIWA	00	8	00	0	0	0	—	14.2	27.0	49	0
BAHARIYA	00	7	32	1	0	0	—	12.6	28.5	23	0
KHÂRGA	00	9	32	1	0	0	—	—	29.4	18	0
DAKHLA	00	8	28	1	0	0	—	11.1	31.4	30	0
RED SEA — TÛR	00	7	28	3	0	0	—	7.8	30.2	60	0
HURGHÂDA	00	8	28	4	0	0	—	7.9	28.3	61	0
QUSEIR	00	8	30	2	0	0	—	8.4	28.4	51	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 7th — الرياح العليا يوم ٧

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA 13 h. m.	EL OBEID 12 h. 30 m.	MALAKAL h. m.	JUBA h. m.
							03 22 15	03 23 05	06 25 30	06 19 20	06 26 10		
							06 22 15	06 24 00	09 23 20	09 19 20	09 26 10		
							09 23 20	09 23 20	15 19 15	15 20 45	15 29 05		
							15 25 10	15 21 20	18 19 20	21 21 35			
							21 26 15	21 21 50		24 26 15			
							24 18 20			30 30 10			
							30 23 30			33 28 15			
							33 24 20						
							39 25 35						

Remarks

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

STATION	Mean of day HUMIDITY % on 7th	Diff from normal	WET BULB TEMP °C on 7th	Diff from normal
Alexandria	61	-8	20.9	-1.4
Ezbekiya	58	-5	20.4	-1.6
Giza	52	-14	20.1	-1.3
Helwân	52	-1	19.0	-1.1

GIZA — GRASS MINIMUM TEMP ON 8th 12.4 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba					
Nassir					
Malakâl				12.10	+0.02
J. Aulia Res.					
J. Aulia D.S					
Roseires		18.86	-0.06	19.45	+0.06
Sennar Res.				17.19	—
Khartûm				16.10	+0.43
Kh. el Girba				13.60	-0.30
'Atbara		15.44	+0.42	15.52	+0.47
Kajnarti				142.90	+1.18
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.93	+0.79	92.81	+0.66
Roda (Cairo)		19.87	+1.20	19.87	+1.23

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	8-9	9875	10918
	7-9	9637	10739

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

At 8h. on Monday 8th — الساعة ٨ يوم الاثنين ٨

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff from normal °C	MINIMUM Today °C mm	Diff from normal °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	Total from Oct. 1st mms	Normal from Oct. 1st mms
MEDITERRANEAN — SALÛM																		100
MATRÛH	01	9	22	3	1	4	3	11.2	-1.8	26.7	28	0	23	+2	63	0	55	161
MARIUT	00	7	16	2	0	0	—	11		24	29	—	21	—	74	0	139	138
ALEXANDRIA	00	9	12	2	0	0	—	10.8	-2.0	24.8	30	0	21	-2	69	0	106	136
DAMIETTA	00	7	18	3	0	0	—	10.7	-1.2	26.4	28	—	19	—	72	0	33	106
PORT SA'ID	00	7	12	2	0	0	—	11.2	0.0	26.0	30	-1	22	-1	71	0	27	81
EL 'ARISH	00	9	16	2	0	0	—	10.2	-1.6	26.9	28	-2	18	-2	61	0	47	94
LOWER EGYPT — DAMANHÛR	00	7	24	3	0	0	—	10.7	-1.8	24.0	30	-2	20	+1	77	0	84	101
MANSURA	00	8	16	1	0	0	—	11.1	-1.1	26.2	32	-2	19	-1	67	0	15	55
TANTA	00	8	00	0	0	0	—	11.5	-1.1	24.7	31	-2	16	-2	78	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	11.8	-1.0	26.0	32	-2	18	-1	69	0	24	27
SHEBIN EL KÔM	00	8	30	2	0	0	—	11.6	-1.0	25.1	33	—	19	—	69	0	9	—
MIDDLE EGYPT — CAIRO ALMAZA	00	7	04	1	0	0	—	11.2	-1.2	24.0	31	—	20	—	62	0	14	—
CAIRO EZBEKIYA	00	6	02	1	0	0	—	11.8	-0.6	24.5	31	-2	20	-1	69	0	13	26
CAIRO GIZA	00	7	00	0	0	0	—	11.5	-0.9	24.1	31	-2	17	-1	75	0	20	27
HELWÂN	00	7	00	0	0	0	—	11.4	-0.6	24.6	31	-2	20	0	60	0	5	29
SUEZ	00	9	30	1	0	0	—			25.4	34	0	20	-2	65	0	4	17
UPPER EGYPT — FAIYÛM	00	8	02	2	0	0	—	11.4	-0.8	24.7	32	-2	19	-1	68	0	8	8
MINYA	00	9	32	2	0	0	—	11.4	0.0	25.2	32	-2	20	0	62	0	dr	—
ASYÛT	00	7	28	1	0	0	—	11.2	+0.1	24.0	33	-1	20	-1	62	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	9.8	-0.1	26.4	35	—	19	—	59	0	0	—
QENA	00	7	24	2	0	0	—	9.1	-0.3	27.0	38	-1	24	+1	56	0	dr	—
LUXOR	00	9	22	2	0	0	—	9.5	-0.1	30.0	40	0	22	0	43	0	dr	—
ASWÂN	00	9	32	1	0	0	—	9.6	+0.5	29.0	42	+2	24	-1	37	0	dr	—
WESTERN DESERT — SIWA	00	7	00	0	0	0	—	13.1	-1.3	26.7	36	0	20	+1	51	0	2	8
BAHARIYA	00	8	00	0	0	0	—	11.6	-1.4	28.5	33	-2	18	-1	49	0	dr	7
KHÂRGA	00	9	32	2	0	0	—	—	—	25.3	35	-2	22	0	48	0	dr	—
DAKHLA	00	8	28	1	0	0	—	11.8	0.0	24.3	36	-1	22	+1	44	0	dr	—
RED SEA — TÛR	00	7	28	2	0	0	—	8.0	-0.6	27.7	30	-2	23	0	61	0	2	13
HURGHÂDA	00	8	30	5	0	0	—	9.0	-0.1	27.7	34	0	24	0	47	0	dr	3
QUSEIR	00	8	30	3	0	0	—	8.8	-0.2	29.0	31	-2	25	-1	60	0	dr	4
PORT SÛDÂN	02	8	30	2	1	6	4.5	8		26					40	0	157	106
NORTH SÛDÂN — WÂDI HALFA	02	8	02	2	1	5	4.3	11		27						0	tr	—
KAREIMA	18	6	20	5	1	4	4.1	11		30					59	0	7	26
'ATBARA	02	6		3	1	7	4.5	11		26					66	dr	55	66
KHARTÛM	02	8	16	3	2	6	6.4	13		24					74	2	68	151
KASSALA	02	8	18	3	1	5	4	13		24					89	7	216	285
CENTRAL SÛDÂN — WAD MEDANI	02	7	00	0	8	7	5	13		24					94	tr	234	355
RENK																		454
ROSEIRES	00	8	12	1	1	2	4	13		23					89	1	779	707
EL OBEID															43		429	316
EL FÂSHER	02	8	00	0	1	8	6.4	—	—	23					94	tr	128	298
GENEINA	02	8	24	2	1	7	8.4	—	—	22					95	—	—	527
KADUGLI																		645
S. SÛDÂN — MALAKÂL	02	8	05	6	6	5	4.5	13		29					66	dr	715	735
WÂU																2	1235	982
JUBA	02	8	00	0	2	6	9	16		23					94	0	1082	884

UPPER WINDS ON 8th — الرياح العليا يوم ٨

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD h. m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
			02 28 05		02 32 15		02 02 05	09 25 35		09 29 20	09 12 30
			05 27 25		05 34 25		05 04 15	15 28 20		15 31 05	15 14 15
			08 04 30		10 02 20		10 22 05			21 31 20	21 09 05
			10 01 25				15 23 15			24 31 45	30 03 10
			15 01 20				20 22 10				33 02 05
			20 36 30								
			23 34 35								

KASSALA 7 h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER 7 h. 45 m.	GENEINA h. m.	MALAKAL 7 h. 15 m.
09 18 10			09 21 05		09 18 10
15 23 20			15 26 05		15 33 20
21 32 20			21 07 10		21 31 10
24 02 20			30 08 35		30 32 20
			33 08 40		
			42 06 30		

UPPER AIR TEMP — ALMÂZA

AT G.M.T. ON HEIGHT FEET	P.P.P. mb.	T °C	T.D. °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON
28700 00990 28200 10251 60300 00160
34050 00972 04102 09241 75802 00180

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 01-12 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
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 05 h. 36 m.
Sunset 18 h. 09 m.

Month SEPTEMBER 1947 شهر سبتمبر ١٩٤٧

At 14h. on MONDAY 8th الساعة ١٤ يوم ٨ — At 20h. on 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
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	28	3	1	3	8	12.0	28.6	85	0	01	8	30	4	1	3	8	12.8	26.6	88	0	131
MARIUT	00	7	26	4	0	0	—	10	30	66	0	00	7	28	2	0	1	6	11	28	40	0	150
ALEXANDRIA	00	8	22	5	0	0	—	10.3	28.7	68	0	01	5	28	5	1	3	4	11.8	26.0	79	0	132
DAMIETTA	00	7	04	2	0	0	—	10.0	29.9	59	0	01	7	28	1	1	3	8	10.[illegible]	26.2	79	0	159
PORT SA'ÎD	00	8	04	2	0	0	—	10.6	31.4	52	0	00	8	28	2	0	0	—	10.4	27.0	67	0	134
EL 'ARÎSH	00	9	32	4	0	0	—	10.6	29.3	63	0	00	9	28	3	0	0	—	10.4	24.9	78	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	3	0	0	—	10.7	33.5	38	0	00	7	32	3	0	0	—	11.2	25.5	82	0	136
MANSÛRA	00	8	04	1	0	0	—	9.9	34.2	38	0	00	6	32	2	0	0	—	10.7	26.2	77	0	137
TANTA	00	8	24	2	0	0	—	10.4	35.0	28	0	00	8	00	0	0	0	—	11.0	25.0	84	0	138
ZAGAZIG	00	6	32	2	0	0	—	10.0	34.2	45	0	00	6	32	2	0	0	—	11.2	26.0	66	0	139
SHEBÎN EL KÔM	00	8	30	3	0	0	—	10.3	35.9	33	0	00	7	30	2	0	0	—	11.4	26.2	77	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	29	2	0	0	—	9.6	34.6	27	0	00	7	29	2	0	0	—	10.5	28.7	61	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	—	9.6	35.1	33	0	00	7	28	2	0	0	—	10.7	28.1	62	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	10.0	34.7	33	0	00	7	28	2	0	0	—	11.0	27.6	64	0	—
HELWÂN	00	7	28	4	0	0	—	9.0	36.2	19	0	00	7	30	5	0	0	—	10.0	29.2	54	0	143
SUEZ	00	9	02	1	0	0	—	—	36.2	14	0	00	9	02	1	0	0	—	—	30.2	46	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	2	0	0	—	9.2	34.4	31	0	00	8	32	4	0	0	—	9.4	30.7	49	0	153
MINYA	00	9	32	3	0	0	—	9.9	36.0	25	0	00	9	32	1	0	0	—	9.4	31.5	35	0	154
ASYÛT	00	8	28	1	0	0	—	8.8	37.2	18	0	00	6	29	1	0	0	—	8.6	32.6	26	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	7.4	35.3	38	0	00	8	00	0	0	0	—	7.2	28.7	46	0	164
QENA	00	8	24	2	0	0	—	6.4	36.0	25	0	00	6	24	2	0	0	—	6.2	32.4	33	0	156
LUXOR	00	9	24	2	0	0	—	6.3	39.0	24	0	00	8	26	2	0	0	—	6.4	33.0	34	0	157
ASWÂN	00	9	00	0	0	0	—	6.2	40.5	18	0	00	9	00	0	0	0	—	6.3	35.0	29	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	—	12.7	37.7	46	0	00	—	28	2	0	0	—	11.5	33.6	52	0	148
BAHARÎYA	00	8	32	1	0	0	—	10.2	37.2	18	0	00	7	32	1	0	0	—	9.5	32.0	24	0	149
KHÂRGA	00	9	32	1	0	0	—		36.8	15	0	00	9	32	1	0	0	—	—	33.3	14	0	151
DAKHLA	00	9	28	1	0	0	—	8.7	34.9	11	0	00	8	28	1	0	0	—	10.6	31.3	26	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	7.9	31.2	63	0	00	7	28	1	0	0	—	6.8	29.2	64	0	145
HURGHÂDA	00	8	02	4	0	0	—	6.4	32.6	47	0	00	8	26	2	0	0	—	6.6	28.2	62	0	146
QUSEIR	00	8	04	2	0	0	—	8.2	29.7	66	0	00	8	12	1	0	0	—	7.0	28.2	81	0	147
PORT SÛDÂN	01	7	06	4	1	3	8,4	5	37	57													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	24	2	0	1	—	7	38	11													165
KAREIMA	02	8	28	1	1	8	4,2	7	39	20													166
'ATBARA	02	7	24	2	1	8	8,4	7	36	33													167
KHARTÛM	02	8	22	2	1	7	8,4	9	32	50													209
KASSALA	02	8	16	2	1	7	8,2	8	32	55													170
CENTRAL SÛDÂN																							
WAD MEDANI	02	8	20	3	1	7	4	8	33	47													171
RENK	00	9	20	2	1	1	1	9	33	47													182
ROSEIRES	00	8	12	1	1	0	—	10	30	57													172
EL OBEID	63	8	04	2	1	6	8,4	10	25	79													174
EL FÂSHER	11	8	00	0	6	4	64	—	28	58									—				175
GENEINA	03	8	12	3	1	8	6	—	28	66									—				179
KADUGLI	01	8	20	2	1	5	4	9	31	49													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA	00	8	04	1	1	3	8	9	32	46													173

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. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm °C	Min. Today °C mm	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	28	1	1	3	8	13.6	+0.5	25.8	29	+1	22	+1	93	0	55	161
MARIUT	01	7	28	1	1	4	8	13		27	33	—	24	—	70	0	139	138
ALEXANDRIA	02	9	32	2	2	5	8	12.8	-0.1	27.2	30	0	24	+1	67	0	106	186
DAMIETTA	01	8	28	2	1	4	8	11.6	-0.4	26.2	33	—	20	—	71	0	32	106
PORT SA'ÎD	01	8	28	2	1	5	8	11.6	+0.2	27.4	32	+1	25	+2	67	0	27	81
EL 'ARÎSH	01	9	20	2	1	4	8	11.4	-0.6	28.6	35	+5	22	+2	68	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	7	28	3	1	3	8	13.1	+0.4	25.5	35	+3	21	+2	82	0	84	101
MANSÛRA	00	8	04	1	0	0	—	12.6	+0.3	26.0	36	+3	21	+1	76	0	15	55
TANTA	01	8	00	0	1	4	8	13.0	+0.3	24.0	36	+3	19	+1	91	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	—	—	29.0	35	+1	21	+2	64	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	13.0	+0.3	27.7	38	—	21	—	67	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	30	1	0	4	8	12.7	+0.2	25.9	36	—	22	—	70	0	14	—
CAIRO EZBEKÎYA	05	6	30	2	0	4	8	12.8	+0.3	25.4	36	+3	23	+2	75	0	13	26
CAIRO GÎZA	00	7	28	2	1	3	8	13.5	+1.0	26.3	36	+3	20	+2	69	0	20	27
HELWÂN	09	6	30	2	2	5	8	13.0	+0.8	23.8	26	+3	22	+2	83	0	5	29
SUEZ	01	9	32	1	1	5	5	—	—	26.2	37	+3	23	+1	71	0	4	17
UPPER EGYPT																		
FAIYÛM	01	8	02	2	1	3	8	13.0	+0.7	25.6	37	+3	21	+1	74	0	8	8
MINYA	01	8	32	3	1	3	8	11.8	+0.2	25.0	37	+3	21	+1	64	0	dr	—
ASYÛT	00	7	28	1	0	0	—	12.4	+1.2	27.1	38	+4	23	+2	57	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	10.8	+0.8	28.4	38	—	22	—	58	0	0	—
QENA	00	7	24	2	0	0	—	9.6	+0.1	29.3	38	-1	25	+2	51	0	dr	—
LUXOR	00	9	16	2	0	0	—	9.5	-0.2	32.0	41	+1	24	+2	38	0	dr	—
ASWÂN	00	9	32	1	0	0	—	9.4	+0.2	30.6	42	+3	26	+1	36	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.0	+1.5	26.2	38	+2	21	+3	75	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	13.0	-0.1	25.0	38	+4	21	+2	72	0	dr	7
KHÂRGA	00	9	32	1	0	0	—	—	—	23.2	38	+1	23	+1	34	0	dr	—
DÂKHLA	00	8	28	1	0	0	—	12.8	+0.9	29.0	37	0	24	+3	47	0	dr	—
RED SEA																		
TÔR	00	7	28	5	0	0	—	8.6	-0.2	28.3	31	—	23	0	71	0	2	13
HURGHÂDA	00	8	30	4	0	0	—	9.0	-0.2	29.	33	0	25	+2	63	0	dr	3
QUSEIR	00	8	30	3	0	0	—	8.7	0.0	31.0	32	-1	26	0	58	0	dr	4
PORT SÛDÂN	01	8	00	0	1	3	4	7		37			29		33	0	157	186
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	3	4	10		30					27	0	tr	—
KAREIMA	01	8	00	0	0	4	4	9		31			28		43	0	7	26
'ATBARA	02	7	20	2	8	5	4	10		31			27		52	dr	55	66
KHARTÛM	01	8	00	0	0	5	2	12		28			27		79	0	68	151
KASSALA	02	8	12	1	1	6	4	12		26			22		66	1	217	288
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	3	1	5	4	13		26					70	0	234	357
RENK	01	8	16	2	1	3	1	13		29		—		—	46	—	—	457
ROSEIRES	02	7	12	1	1	6	9	13		23					94	1	779	715
EL OBEID	01	9	02	3	1	5	8,4	12		24					84	11	440	319
EL FÂSHER	61	8	00	0	6	5	6,4	—	—	—			22		—	1	129	299
GENEINA	02	7	00	0	1	6	6,4	—	—	—		—		—	—	—	—	530
KADUGLI												—		—		—	—	650
S. SÛDÂN																		
MALAKÂL	01	8	32	2	1	4	4,5	13		26			22		79	2	717	780
WÂU																13	1248	988
JUBA																0	1082	888

UPPER WINDS ON 8th الرياح العليا يوم ٨

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA h. m.	KHARTÛM 13h.45m.	KASSALA h. m.	EL OBEID 13h.45m.	MALAKAL h. m.	JUBA 13h. m.
							032505		062215		061915		060415
							062805		092115		091915		090515
							092805		152015		150705		150815
							152325		211105		211110		211010
							212330		301225				300505
							302920		393005				
							392305						
							451105						
							600710						

UPPER WINDS ON 9th الرياح العليا يوم ٩

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			003210		023220		023615				
			023430		053630		053630				
			053420		103650		103305				
			083510				153201				
			103615				200315				
			153520				250320				
			203410								
			233030								
			253130								

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

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			

CYPRUS SYNOPTIC 8h ON 9th
34700 00990 00000 10251 80107 00180
34820 00862 26202 10241 80103 00130

Remarks

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

STATION	Mean of day: Humidity % on 8th	Diff from normal	Wet Bulb Temp °C on 8th	Diff from normal
Alexandria	78	+4	22.9	+0.7
Ezbekiya	60	-3	22.3	+0.4
Giza	65	-1	22.2	+0.8
Helwân	53	0	20.7	+0.7

GÎZA — GRASS MINIMUM TEMP. ON 9th 16.3 °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
9th	9780	10858
8th	9875	10911

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl				13.12	+0.09
J. Aulia Res.				376.51	—
J. Aulia D.S				375.74	+0.34
Roseires	٩	19.15	+0.28	18.86	-0.06
Sennar Res.				17.20	—
Khartûm				15.98	+0.31
Kh. el Girba				13.66	-0.20
'Atbara		15.44	+0.43	15.44	+0.42
Kajnarti				142.80	+1.10
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.90	+0.76	92.93	+0.79
Roda (Cairo)		19.82	+1.15	19.87	+1.20

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

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

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

CLOUD 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

Sunset 18 08

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧

1417 F.C.

At 14h. on Tuesday 9th (الساعة ١٤ يوم الثلاثاء ٩) — At 20h. on 9th (الساعة ٢٠ يوم الثلاثاء 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	30	3	0	1	8	13.8	28.3	63	0	01	8	30	4	1	4	8	14.0	26.6	85	0	131
	Mariut	00	7	30	2	0	2	6	13	29	59	0	00	7	28	2	0	3	6	13	26	74	0	150
	Alexandria	01	9	28	3	2	4	8	12.7	28.8	60	0	01	5	32	3	2	4	4	13.9	26.0	69	0	132
	Damietta	00	8	28	4	1	2	8	11.8	27.8	61	0	00	7	28	2	1	2	8	12.3	25.0	71	0	159
	Port Sa'îd	00	7	28	4	0	0	—	11.9	31.0	54	0	00	8	28	3	0	0	—	12.2	25.4	71	0	134
	El 'Arîsh	00	9	32	4	0	2	8	11.1	28.9	67	0	00	9	28	3	0	0	—	11.5	26.4	64	0	135
Lower Egypt	Damanhûr	01	7	28	3	1	3	8	12.8	30.0	53	0	00	7	32	3	0	0	—	13.5	24.2	80	0	136
	Mansûra	01	8	32	2	1	4	8	11.9	30.5	50	0	00	6	32	2	1	0	—	13.5	24.8	77	0	137
	Tanta	01	8	00	0	1	4	8	11.8	32.2	42	0	00	8	00	0	0	0	—	13.9	25.0	80	0	138
	Zagazig	01	6	28	2	1	3	4	11.0	33.0	44	0	00	6	32	2	0	0	—	12.2	26.0	69	0	139
	Shebîn el Kôm	01	8	02	3	1	4	8	12.3	32.6	44	0	00	7	02	2	0	0	—		24.4	73	0	—
Middle Egypt	Cairo Almâza	01	7	28	3	1	3	8	11	31	49	0	00	7	31	3	0	0	—	12.6	27.8	63	0	141
	Cairo Ezbekîya	01	8	28	3	0	4	8	11.8	31.4	46	0	00	7	30	3	0	0	—	13.0	27.0	64	0	—
	Cairo Gîza	00	8	28	2	0	0	—	12.0	31.1	42	0	00	7	30	3	5	0	—	12.7	27.1	60	dr	—
	Helwân	00	8	28	3	0	0	—	11.4	30.2	41	0	00	7	32	4	0	0	—	12.2	37.2	54	0	143
	Suez	01	9	32	1	1	3	5	—	32.0	35	0	00	9	32	1	0	0	—	—	27.4	53	0	144
Upper Egypt	Faiyûm	01	8	30	2	1	3	8	11.2	32.0	38	0	01	8	30	1	1	3	8	11.8	29.0	50	0	153
	Minya	00	8	32	4	3	0	—	10.2	33.5	31	0	00	9	32	1	0	0	—	11.6	28.8	54	0	154
	Asyût	00	8	30	2	0	0	—	10.8	33.1	30	0	00	6	30	1	0	0	—	10.8	30.0	42	0	155
	Nag' Hamâdi	00	8	24	2	0	0	—	12.7	35.8	33	0	00	8	00	0	0	0	—	10.3	27.1	54	0	164
	Qena	00	8	22	2	0	0	—	8.0	41.0	21	0	00	6	24	2	0	0	—	9.4	[illegible]	40	0	156
	Luxor	00	9	26	3	0	0	—	7.1	39.2	28	0	00	8	24	2	0	0	—	8.6	32.0	38	0	157
	Aswân	00	9	24	1	0	0	—	6.0	41.0	24	0	00	9	32	2	0	0	—	8.0	35.6	26	0	158
Western Desert	Sîwa	00	8	28	3	0	0	—	15.5	33.0	34	0	00		00	0	0	0	—	14.2	29.0	34	0	148
	Baharîya	00	8	28	1	0	0	—	11.9	33.0	30	0	00	7	28	1	0	0	—	12.4	29.0	35	0	149
	Khârga	00	9	32	2	0	0	—	—	37.2	20	0	00	9	02	1	0	0	—	—	33.4	25	0	151
	Dakhla	00	9	28	2	0	0	—	10.4	36.8	24	0	00	8	00	0	0	0	—	11.9	31.2	31	0	152
Red Sea	Tôr	00	7	28	4	0	0	—	9.1	32.2	63	0	00	7	28	3	0	0	—	8.8	30.3	59	0	145
	Hurghâda	00	8	32	5	0	0	—	7.0	32.8	51	0	00	8	26	4	0	0	—	8.3	29.2	33	0	146
	Quseir	00	8	02	2	0	0	—	8.7	32.4	66	0	00	8	32	2	0	0	—	7.8	30.0	58	0	147
	Port Sûdân	01	6	06	4	1	3	6	5	37	45													208
North Sûdân	Wâdi Halfa																							165
	Kareima	01	8	28	2	1	5	4	7	41	10													166
	'Atbara	02	7	24	2	1	5	8,4	6	38	31													167
	Khartûm	02	8	20	1	1	5	9,1	7	35	44													209
	Kassala	02	8	24	1	1	6	8,2	7.	34	41													170
Central Sûdân	Wad Medani	02	8	16	2	1	7	4	8	33	53													171
	Renk	01	8	20	1	1	4	1	9	33	62													182
	Roseires	02	7	14	1	1	6	9	9	29	70													172
	El Obeid	11	9	00	0	1	5	8,4	8	32	50													174
	El Fâsher	28	8	04	3	9	5	9	—	27	66									—				175
	Geneina	02	8	20	2	1	5	8	—	29	59									—				179
	Kadugli	01	8	28	1	1	5		—	33	47													187
S. Sûdân	Malakâl																							176
	Wâu	01	8	32	1	1	5	8,4	11	31	49													177
	Juba																							173

Upper Winds on 9th (الرياح العليا يوم ٩)

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

Matrûh, Mariut, Port Sa'îd, Almâza, Minya, Luxor, Hurghâda, Wâdi Halfa, Malakal, Juba: no entries.

Kareima 13h. m.	Khartûm 13h.45m.	Kassala 12h.45m.	El Obeid 13h.15m.
03 34 05	09 30 02	06 23 15	06 23 10
06 34 15	15 05 15	09 24 05	09 24 05
09 33 20	21 09 15	15 28 05	15 30 10
15 33 20	24 08 20	21 05 05	21 05 15
21 33 20	27 07 15	24 04 05	24 06 10
24 34 15	30 08 15		27 12 15
30 13 10	33 08 20		30 11 35
33 14 15	39 08 25		33 10 20
39 13 15	45 10 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 9th	Diff from normal	Wet bulb temp °C on 9th	Diff from normal
Alexandria	66	−2	22.6	−0.5
Ezbekiya	64	+1	22.5	+0.7
Giza	60	−6	22.0	+0.7
Helwân	64	+9	21.4	+1.4

GÎZA	Grass minimum temp. on 10th 16.1 °C
CAIRO	Water temp. River Nile at 8h. on 10th °C

Discharges at Aswân measured by sluices m³ per sec. Date	1947	1946
10-9	9575	10799
9-9	9780	10858

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9			10.34	+0.51
Nâsser				10.62	+0.42
Malakâl		12.14	+0.09	12.14	+0.10
J. Aulia Res.				376.57	—
J. Aulia D.S				375.60	+0.21
Roseires		19.04	+0.25	19.15	+0.28
Sennar Res.					
Khartûm		15.78	+0.13	15.90	+0.24
Kh. el Girba				13.57	−0.23
'Atbara	10	15.32	+0.22	15.44	+0.43
Kajnarti		142.49	+0.83	142.59	+0.91
Aswân Res.		98.50		98.50	
Aswân D.S		92.76	+0.63	92.90	+0.76
Roda (Cairo)		19.73	+1.06	19.82	+1.15

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

At 8h. on Wednesday 10th (الساعة ٨ يوم الاربعاء 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												—		—				100
	Matrûh	01	9	04	1	0	3	8	15.0	+1.7	26.2	29	+1	25	+4	90	0	55	161
	Mariut	01	7	29	2	1	4	6	14		26	30	—	24	—	62	0	139	138
	Alexandria	01	9	32	5	2	4	8	13.6	+0.6	26.2	31	+1	24	+1	60	0	106	186
	Damietta	01	8	32	2	1	4	8	12.3	+0.1	26.3	29	—	19	—	67	0	32	106
	Port Sa'îd	01	8	26	2	6	4	8	12.7	+1.2	26.2	32	+1	22	−1	73	5	27	81
	El 'Arîsh	00	9	20	2	1	3	8	12.2	+0.1	26.1	30	0	22	+2	60	0	47	94
Lower Egypt	Damanhûr	01	7	32	3	0	3	8	14.0	+1.2	25.0	32	0	21	+2	76	0	84	101
	Mansûra	01	8	30	1	1	4	8	13.2	+0.8	26.0	33	0	20	+1	73	0	15	55
	Tanta	01	8	28	2	1	4	8	14.2	+1.4	24.0	33	0	18	0	83	0	0	44
	Zagazig	01	6	32	2	0	3	8	13.5	+0.5	28.5	33	−1	20	+2	67	0	24	27
	Shebîn el Kôm	00	8	28	2	1	2	8	13.8	+1.0	26.8	34	—	21	—	68	0	9	—
Middle Egypt	Cairo Almaza	00	7	31	1	1	3	6	13.2	+0.6	25.0	32	—	21	—	77	0	14	—
	Cairo Ezbekîya	05	6	30	1	2	3	8	13.6	+1.0	25.5	32	−1	22	+2	73	0	13	26
	Cairo Gîza	01	7	00	0	1	3	8	13.8	+1.2	26.1	32	0	19	+1	69	0	20	27
	Helwân	09	6	00	0	0	3	8	13.5	+1.2	23.3	31	−2	20	0	81	0	5	29
	Suez	01	9	00	0	1	3	5	11.2	−0.3	27.2	34	0	21	−1	71	0	4	17
Upper Egypt	Faiyûm	00	8	30	2	0	0	—	13.6	+1.2	25.3	33	−1	21	+1	75	0	8	8
	Minya	00	9	32	2	0	0	—	13.5	+1.8	26.0	34	+1	21	+1	67	0	dr	—
	Asyût	00	7	30	2	0	0	—	12.7	+1.4	26.3	34	0	23	+2	61	0	0	4
	Nag' Hamâdi	00	8	32	1	0	0	—	11.9	+1.8	28.2	37	—	21	—	58	0	0	—
	Qena	00	7	02	2	0	0	—	10.8	+1.2	30.2	41	+2	25	+2	37	0	dr	—
	Luxor	00	9	30	3	0	0	—	11.5	+1.7	31.0	40	[illegible]	24	+2	42	0	dr	—
	Aswân	00	9	32	4	0	0		—	—	30.0	42	+2	27	+2	38	0	dr	—
Western Desert	Sîwa	00	7	28	2	0	0	—	16.6	+2.0	24.0	34	−2	21	+3	75	0	2	8
	Baharîya	01	8	32	2	1	3	8	13.6	+0.3	25.0	34	0	20	+1	72	0	dr	7
	Khârga	00	9	32	2	0	0	—	—	—	26.7	38	+1	24	+2	51	0	dr	—
	Dâkhla	00	8	00	0	0	0	—	13.9	+1.9	26.9	37	0	22	+1	50	0	dr	—
Red Sea	Tôr	00	7	28	6	0	0	—	5.7	+0.8	26.9	32	0	23	0	66	0	2	13
	Hurghâda	00	8	28	5	0	0	—	9.5	+0.2	28.8	34	+1	25	+2	54	0	dr	3
	Quseir	00	8	32	4	0	0	—	9.6	+0.8	29.2	33	0	27	+1	59	0	dr	4
	Port Sûdân	00	8	10	2	1	1	1	7		34					56	0	157	106
North Sûdân	Wâdi Halfa																0	tr	—
	Kareima	02	8	02	2	1	8	4,2	9		23					19	0	7	26
	'Atbara	01	7	18	2	1	4	4	9		30					59	0	55	66
	Khartûm	01	7	20	4	1	4	6,4	11		29					66	0	68	152
	Kassala	00	8	20	2	1	2	4	11		27					70	0	217	290
Central Sûdân	Wad Medani	01	9	18	3	1	3	3	10		27					74	0	234	259
	Renk												—		—		—	—	460
	Roseires																10	789	723
	El Obeid	02	9	20	3	1	8	4,2	11		25					74	0	440	322
	El Fâsher	64	8	04	3	6	8	8,5	—	—	23					84	tr	129	300
	Geneina	03	8	00	0	1	8	9	—	—	25		—		—	84	—	—	533
	Kadugli												—		—		—	—	655
S. Sûdân	Malakâl																10	727	745
	Wâu																0	1248	994
	Juba																0	1082	892

Upper Winds on 10th (الرياح العليا يوم ١٠)

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

Matrûh, Mariut, Port Sa'îd, Minya, Luxor, Wâdi Halfa: no entries.

Helwân 8h.45m.	Asyût 7h. m.	Aswân 7h. m.	Abu Hamad 6h.45m.	Kareima 7h. m.	Khartûm 6h. m.
00 30 05	02 34 35	02 36 80	06 05 20	03 04 05	06 21 20
02 31 10	05 01 30	05 33 30	09 05 20	06 05 25	09 19 20
05 34 20	10 36 50	10 01 45	15 07 15	09 06 20	15 16 15
08 36 25	15 25 60	15 24 10	21 09 20	15 04 20	21 02 25
10 36 30		20 24 30	24 09 25	21 36 10	27 36 15
15 36 25			30 08 20	24 35 10	
20 35 40			33 08 15	30 31 10	
23 35 55			39 06 10		
			45 05 10		

Kassala 7h. m.	Port Sûdân 7h.15m.	El Obeid 7h.30m.	El Fâsher 7h. m.	Geneina h. m.	Malakal h. m.
06 17 20	03 11 10	06 22 20	09 00 00		
09 17 25	06 09 10	09 22 25	15 11 05		
21 14 05	09 02 05	15 19 10	21 13 20		
24 01 05	15 29 25	21 12 30	24 13 20		
30 03 15	21 33 20	24 11 30	30 12 30		
33 03 15	24 33 20	30 08 40	33 11 30		
39 03 10	30 05 15	33 08 45	39 10 30		
45 02 10	33 05 15	39 08 60			
	39 06 05	45 10 50			

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			

Cyprus Synoptic 8h on 10th

34820 01953 28303 10241 70203 00190.

Annual Subscription P.T. 150

Present Weather (ww)

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

Past Weather (W)

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

Visibility (V)

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

Cloud 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 h. m.
Sunset 18 07

Month 1947

DAILY WEATHER REPORT

١٩٤٧ شهر سبتمبر

At 14h. on Wednesday 10th — الساعة ١٤ يوم ١٠ ; At 20h. on 10th — الساعة ٢٠ يوم الاربعاء 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	32	3	0	4	8	15.0	27.0	68	0	01	8	30	3	0	3	8	15.2	25.6	71	0	131
	MARIUT	01	7	30	3	1	5	8	14	28	62	0	00	7	28	2	0	0	–	14	24	67	0	150
	ALEXANDRIA	02	9	28	4	2	5	8	13.6	27.0	56	0	00	5	32	5	0	0	–	14.4	23.8	59	0	132
	DAMIETTA	01	8	28	3	1	4	8	12.3	27.0	65	0	00	7	28	3	1	2	8	12.7	24.5	72	0	159
	PORT SA'ÎD	00	8	28	3	1	0	–	12.4	29.2	56	0	00	8	28	2	0	3	8	13.0	25.8	64	0	134
	EL 'ARÎSH	00	9	28	4	2	3	8	11.9	28.3	58	0	00	9	28	3	0	0	–	11.4	26.1	60	0	135
LOWER EGYPT	DAMANHÛR	01	7	32	3	1	4	8	13.9	28.0	57	0	00	7	32	3	0	0	–	14.3	23.5	78	0	136
	MANSÛRA	01	8	04	2	1	4	8	12.7	29.5	49	0	00	6	32	2	1	0	–	13.5	24.2	74	0	137
	TANTA	01	8	28	2	1	4	8	12.3	30.0	47	0												138
	ZAGAZIG	01	6	32	2	0	4	4	12.8	32.0	46	0	00	6	32	2	1	0	–	13.6	26.0	76	0	139
	SHEBÎN EL KÔM	01	8	28	3	1	4	8	13.0	31.1	46	0	00	7	28	2	0	0	–	13.8	23.2	80	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	29	3	1	4	8	12	30	40	0	00	7	30	2	0	0	–	13.1	25.8	59	0	141
	CAIRO EZBEKÎYA	01	8	28	3	1	4	8	12.2	30.8	40	0	00	7	30	2	1	0	–	13.6	26.0	63	0	—
	CAIRO GÎZA	01	8	28	3	1	4	8	11.9	29.9	46	0	01	7	30	2	1	3	8	13.0	24.4	77	0	—
	HELWÂN	01	8	28	4	1	4	8	11.5	29.0	45	0	00	7	30	5	0	0	–	13.0	25.8	55	0	143
	SUEZ	01	9	30	1	1	3	3	—	32.0	37	0	00	9	32	2	0	0	–	—	26.6	57	0	144
UPPER EGYPT	FAIYÛM	01	8	02	2	1	4	8	11.5	31.2	46	0	01	8	32	2	1	4	8	12.2	27.2	57	0	153
	MINYA	01	8	32	4	1	4	8	11.6	31.2	45	0	01	8	32	2	1	3	8	11.8	28.5	50	0	154
	ASYÛT												00	6	30	1	0	0	–	11.2	29.1	45	0	155
	NAG' HAMÂDI	00	8	24	2	0	0	–	9.0	32.2	35	0	00	8	24	1	0	0	–	10.2	27.9	55	0	164
	QENA	00	8	26	3	0	0	–	8.8	37.0	19	0	00	6	24	2	0	0	–	8.6	31.0	33	0	156
	LUXOR	00	9	30	3	0	0	–	8.2	35.5	27	0	00	8	26	3	0	0	–	9.2	30.0	42	0	157
	ASWÂN	00	9	32	2	0	0	–	7.5	36.0	25	0	00	9	30	1	0	0	–	9.8	32.0	33	0	158
WESTERN DESERT	SÎWA	00	8	28	4	0	0	–	15.9	32.0	43	0	00		28	5	0	0	–	15.0	29.7	44	0	148
	BAHARÎYA	01	8	28	1	1	4	8	12.2	32.2	30	0	00	7	32	1	0	0	–	13.1	29.0	40	0	149
	KHÂRGA	00	9	30	2	0	0	–	—	35.0	20	0	00	9	30	2	0	0	–		30.4	26	0	151
	DAKHLA	00	9	28	2	0	0	–	11.5	33.4	24	0	00	8	00	0	0	0	–	12.2	29.8	36	0	152
RED SEA	TÔR	00	7	28	6	0	0	–	8.2	29.2	78	0	00	7	28	6	0	0	–	—	29.9	62	0	145
	HURGHÂDA	00	8	02	5	0	0	–	7.5	31.2	56	0	00	8	30	4	0	0	–	7.9	29.4	60	0	146
	QUSEIR	00	8	02	3	0	0	–	8.7	29.6	70	0	00	8	28	2	0	0	–	8.8	28.4	63	0	147
	PORT SÛDÂN																							208
NORTH SÛDÂN	WÂDI HALFA	01	8	02	3	1	4	1	8	38	18													165
	KAREIMA	01	8	04	2	1	5	4	6	41	10													166
	'ATBARA	01	7	20	2	0	4	8,4	4	41	26													167
	KHARTÛM	01	8	18	4	1	3	8,4,5,1	7	36	35													209
	KASSALA	00	8	22	1	0	1	8	7	33	50													170
CENTRAL SÛDÂN	WAD MEDANI	02	8	16	1	1	5	8	7	35	39													171
	RENK																							182
	ROSEIRES	00	8	20	1	1	0	–	7	31	59													172
	EL OBEID	02	9	16	3	1	6	8,4,2	7	33	41													174
	EL FÂSHER	02	8	00	0	6	6	8,4,5	—	29	52										—			175
	GENEINA								—											—				179
	KADUGLI	02	8	12	1	2	5	4	—	33	44													187
S. SÛDÂN	MALAKÂL																							176
	WÂU	11	8	28	2	1	6	9	8	30	59													177
	JUBA																							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 10th — الرياح العليا يوم ١٠

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. 15 m.	KAREIMA 12 h. 30 m.	KHARTÛM 12 h. 45 m.	KASSALA 12 h. 30 m.	EL OBEID 13 h. m.	MALAKAL h. m.	JUBA h. m.
							03 02 25	03 36 05	06 22 15	06 22 20	09 26 15		
							06 36 20	06 36 15	09 21 15	09 21 20	15 26 10		
							09 36 40	09 02 15	15 29 15	15 12 05	15 28 05		
							15 36 40	15 02 20	21 04 15	21 06 15	21 25 05		
							21 24 40	21 35 20	30 17 15	13 05 10	30 26 10		
							30 36 30			39 07 10	39 17 40		
							39 36 40						
							51 24 40						
							60 34 25						

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	11-9	9202	10780
	10-9	9575	10799

STATION	Mean of day Humidity % on 10th	Diff from normal	Wet Bulb Temp °C on 10th	Diff from normal
Alexandria	63	-5	20.7	-1.4
Ezbekiya	62	-1	21.5	-0.3
Giza	68	+2	21.8	+0.5
Helwân	64	+11	20.5	+0.6

GÎZA — GRASS MINIMUM TEMP. ON 11th 16.3 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON 11th °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.21	+0.38
Nâsser				10.64	+0.43
Malakâl		12.14	+0.08	12.14	+0.09
J. Aulia Res.				376.61	
J. Aulia D.S	9			375.55	+0.17
Roseires		18.09	-0.59	19.04	+0.25
Sennar Res.				17.20	—
Khartûm		15.64	0.00	15.78	+0.13
Kh. el Girba				13.60	-0.13
'Atbara		15.24	+0.25	15.32	+0.32
Kajnarti		142.44	+0.80	142.49	+0.83
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.67	+0.55	92.76	+0.63
Roda (Cairo)		19.71	+1.04	19.73	+1.06

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

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	Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				100
	MATRÛH	00	9	32	2	0	3	8	14.3	+0.9	25.2	28	0	22	+1	71	0	55	161
	MARIUT	01	7	30	2	0	4	8	13		25	28	—	23	—	65		137	138
	ALEXANDRIA	02	9	30	5	1	5	4	13.1	-0.1	24.8	29	-1	23	0	57	0	106	186
	DAMIETTA	01	8	28	2	1	4	6	12.0	-0.3	25.9	28	—	23	—	68	0	32	106
	PORT SA'ÎD	01	8	30	2	2	5	8	12.0	+0.4	26.4	30	-1	24	+1	72	0	27	81
	EL 'ARÎSH	00	9	14	1	0	2	8	11.9	-0.4	27.6	30	0	21	+1	62	0	47	94
LOWER EGYPT	DAMANHÛR	00	7	04	3	0	0	–	13.6	+0.6	24.2	29	-3	19	0	74	0	84	101
	MANSÛRA	00	8	02	1	0	0	–	12.7	+0.1	26.2	31	-2	20	+1	67	0	15	55
	TANTA																	8	44
	ZAGAZIG	01	6	24	2	1	4	4	13.1	0.0	27.0	33	0	19	+1	66	0	24	27
	SHEBÎN EL KÔM	01	8	02	2	1	3	8	13.8	+0.9	24.2	33	—	19	—	72	0	9	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	30	1	0	2	6	12.7	0.0	23.6	32	—	20	—	70	0	14	—
	CAIRO EZBEKÎYA	05	6	00	0	1	4	8	13.0	+0.8	24.5	32	-1	21	+1	70	0	13	26
	CAIRO GÎZA	01	6	00	0	1	4	8	13.2	+0.5	25.0	31	-1	19	+1	67	dr.	20	27
	HELWÂN	05	6	32	5	2	4	8	12.8	+0.4	22.9	31	-2	20	0	70	0	5	29
	SUEZ	02	9	30	1	2	7	5	—	—	23.8	33	-1	20	-2	72	0	4	17
UPPER EGYPT	FAIYÛM	01	8	32	2	1	3	8	13.5	+1.0	24.0	32	-2	19	-1	69	0	8	8
	MINYA	01	8	32	3	1	4	8	13.1	+1.3	26.2	32	-1	22	+2	66	0	dr.	—
	ASYÛT																	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	–	11.6	+1.4	27.2	34	—	21	—	60	0	0	—
	QENA	00	7	24	2	0	0	–	10.3	+0.5	27.0	38	-1	23	+1	58	0	dr.	—
	LUXOR	00	9	22	2	0	0	–	11.4	+1.5	30.3	36	[illegible]	24	[illegible]	24	0	dr.	—
	ASWÂN	01	9	30	1	1	3	1	11.4	+2.0	28.0	38	-2	24	0	36	0	dr.	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	–	16.6	+1.9	24.0	34	-2	20	+2	67	0	2	8
	BAHARÎYA	00	8	32	1	0	0	–	13.8	+0.4	23.2	33	-1	20	+1	65	0	dr.	7
	KHÂRGA	01	9	32	2	0	3	8	—	—	25.7	35	-2	23	+1	55	0	dr.	—
	DÂKHLA	00	8	00	0	0	0	–	13.5	+1.4	28.0	34	-3	21	0	50	0	dr.	—
RED SEA	TÔR	00	7	28	3	0	0	–	9.8	+0.7	25.8	33	+1	22	-1	68	0	2	13
	HURGHÂDA	00	8	30	5	0	0	–	9.9	+0.5	26.6	32	-1	23	0	72	0	dr.	3
	QUSEIR	00	8	30	3	0	3	1	9.8	+0.9	28.3	32	-1	25	-1	62	0	dr.	4
	PORT SÛDÂN	01	8	06	1	1	4	4	8		34			29		53	0	157	106
NORTH SÛDÂN	WÂDI HALFA	00	8	02	2	0	1	1	12		28			23		37	0	tr	—
	KAREIMA	00	8	04	3	0	0	–	10		31			27		19	0	7	26
	'ATBARA	01	7	20	3	0	4	4	9		31			28		52	0	55	66
	KHARTÛM																	68	152
	KASSALA	00	8	14	4	1	2	4	11		27			23		66	dr.	217	293
CENTRAL SÛDÂN	WAD MEDANI	01	9	16	4	1	3	1	12		27					70		234	362
	RENK												—		—		—	—	464
	ROSEIRES																2	791	731
	EL OBEID	01	9	16	3	1	4	4,2	11		25			21		79	3	443	325
	EL FÂSHER	02	8	00	0	1	4	4,1	—	—	24			22		89	13	142	301
	GENEINA								—	—			—		—		—	—	536
	KADUGLI												—		—		—	—	659
S. SÛDÂN	MALAKÂL																	727	750
	WÂU	01	8	28	2	1	5	4	13		26			23		84	0	1248	1000
	JUBA																	1082	896

Upper Winds are in the Code HHDDVV where HH is Height 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 h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9 h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 30 m	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 6 h m
			02 35 35				02 36 10	03 31 10	06 05 40	03 02 20	06 22 30
			05 36 30				05 35 10	06 34 15	09 07 30	09 17	09 22 35
			08 36 25				10 36 20	09 02 10	15 05 15	21 34	15 25 20
			10 36 20				15 17 00	15 34 15	21 02 15	24 29 45	21 30 15
			15 01 15				20 22 30	18 35 15			27 18 05
			20 01 25								30 09 15
											39 09 30
											45 11 25
											51 13 10

KASSALA 7 h. 15 m.	PORT SÛDÂN 7 h. m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL h. m
03 17 20	03 01 10		09 22 05		
09 16 30	06 10		21 07 25		
15 23 25	21 26 05		24 06 35		
21 26			33 08 50		
			45 08 30		

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			

CYPRUS SYNOPTIC 8h ON 11th
34730 00990 06200 11271 90307 00180
34800 01983 24103 11261 30801 00180.

WIND FORCE (F)

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

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

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise h. m. 05 38
Sunset 18 05

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧

1417 F.C.

At 14h. on Thursday 11th — الساعة ١٤ يوم ٩/١١

	STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN	SALÛM												130
	MATRÛH	oo	9	22	3	o	3	8	14.3	26.8	64	o	131
	MARIUT	o1	7	20	2	o	4	4	13	27	55	o	150
	ALEXANDRIA	o1	9	28	4	2	4	8	12.7	27.7		o	132
	DAMIETTA	o1	8	28	3	1	2	8	11.4	26.9	62	o	159
	PORT SA'ID	oo	8	20	4	1	2	8	11.6	29.5	69	o	134
	EL 'ARÎSH	oo	9	30	3	o	o	—	11.1	28.2	67	o	135
LOWER EGYPT	DAMANHÛR	o1	7	32	4	o	4	8	12.7	28.0	54	o	136
	MANSÛRA	o1	8	32	1	1	4	8	11.9	30.0	50	o	137
	TANTA	o1	8	24	2	1	4	8	11.6	30.6	43	o	138
	ZAGAZIG	o0	6	24	2	o	o	—	11.5	31.0	42	o	139
	SHEBÎN EL KÔM	o1	8	30	2	1	4	8	11.9	29.9	46	o	—
MIDDLE EGYPT	CAIRO ALMAZA	o1	8	28	3	1	5	8	11	30	40	o	141
	CAIRO EZBEKÎYA	o1	8	28	3	1	5	8	11.4	29.2	46	o	
	CAIRO GÎZA	o1	8	28	2	1	4	8	11.8	29.8	46	o	—
	HELWÂN	o1	7	28	4	1	4	8	11.2	28.4	42	o	143
	SUEZ	o1	9	30	1	1	4	3	—	31.0	29	o	144
UPPER EGYPT	FAIYÛM	o1	8	30	3	1	3	8	10.0	29.5	42	o	153
	MINYA	o0	9	28	3	1	2	8	11.8	31.0	34	o	154
	ASYÛT	oo	8	30	1	o	o	—	11.0	30.0	36	o	155
	NAG' HAMÂDI	oo	8	24	1	o	o	—	9.1	31.9	38	o	164
	QENA	oo	8	24	2	o	o	—	7.8	34.4	34	o	156
	LUXOR	oo	9	30	2	o	o	—	8.4	36.0	28	o	157
	ASWÂN	oo	9	30	1	o	o	—	7.6	35.0	24	o	158
WESTERN DESERT	SÎWA	oo	8	28	2	o	o	—	15.8	22.0	38	o	148
	BAHARÎYA	o1	8	24	1	1	4		12.2	30.0	30	o	149
	KHÂRGA	o1	9	30	1	1	3	3	—	26.8	22	o	151
	DAKHLA	o2	9	32	1	1	5	4	11.4	33.0	25	o	152
RED SEA	TÔR	oo	7	28	4	o	o	—	9.8	28.5	65	o	145
	HURGHÂDA	oo	8	20	4	1	3	6	7.2	30.5	60	o	146
	QUSEIR	oo	8	32	2	o	1	1	9.0	28.4	80	o	147
	PORT SÛDÂN	o1	7	28	2	1	4	9	7	34	56	o	208
NORTH SÛDÂN	WÂDI HALFA	oo	8	32	3	o	o	—	9	24	20		165
	KAREIMA	oo	8	30	3	o	1	4	7	39	13		166
	'ATBARA	o2	7	20	3	1	5	8,4	4	41	20		167
	KHARTÛM	o1	8	20	4	1	3	8,4	7	36	37		209
	KASSALA	o1	8	22	3	1	4	8,4	7	34	47		170
CENTRAL SÛDÂN	WAD MEDANI	o2	8	20	3	1	7	4	8	34	47		171
	RENK												182
	ROSEIRES	o1	8	20	1	1	3	4	—	31	59		172
	EL OBEID	o1	9	00	0	1	4	8,4	8	32	43		174
	EL FÂSHER	11	8	10	4	1	5	9	—	28	55		175
	GENEINA								—				179
	KADUGLI	o2	8	28	2	2	6	4	8	32	49		187
S. SÛDÂN	MALAKÂL												176
	WÂU												177
	JUBA	o1	8	32	1	1	6	8,4	9	32	52		173

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

	STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN	SALÛM											
	MATRÛH	oo	8	30	2	o	o	—	14.2	25.1	71	o
	MARIUT	oo	7	29	3	o	2	4	13	24	69	o
	ALEXANDRIA	o1	5	28	5	2	4	4	—	25.0	68	o
	DAMIETTA	oo	7	28	2	1	1	8	10.9	24.0	72	o
	PORT SA'ID	oo	8	28	3	o	3	3	13.0	24.6	71	o
	EL 'ARÎSH	oo	9	28	2	o	o	—	12.0	26.5	67	o
LOWER EGYPT	DAMANHÛR	oo	7	22	3	1	o	—	13.0	23.2	75	o
	MANSÛRA	oo	6	32	1	1	o	—	13.5	23.8	72	o
	TANTA	o1	8	oo	o	1	4	8	12.4	22.4	82	o
	ZAGAZIG	oo	6	24	2	o	o	—	12.3	26.0	69	o
	SHEBÎN EL KÔM	oo	7	o2	2	o	o	—	12.8	22.7	74	o
MIDDLE EGYPT	CAIRO ALMAZA	oo	7	30	2	1	o	—	12.6	25.1	61	o
	CAIRO EZBEKÎYA	oo	7	30	2	o	o	—	12.7	25.4	58	o
	CAIRO GÎZA	oo	7	28	2	o	o	—	12.4	25.2	62	o
	HELWÂN	oo	6	30	5	o	o	—	12.4	25.3	55	o
	SUEZ	oo	9	o2	2	o	o	—	—	26.6	65	o
UPPER EGYPT	FAIYÛM	oo	8	30	3	o	o	—	11.5	26.1	49	o
	MINYA	oo	9	32	2	o	o	—	11.2	27.0	56	o
	ASYÛT	oo	6	28	1	o	o	—	11.0	27.8	47	o
	NAG' HAMÂDI	oo	8	24	2	o	o	—	10.3	26.4	52	o
	QENA	oo	6	24	2	o	o	—	9.1	28.4	46	o
	LUXOR	oo	8	24	3	o	o	—	9.0	29.0	40	o
	ASWÂN	oo	9	32	1	o	o	—	9.1	32.4	22	o
WESTERN DESERT	SÎWA	oo		oo	o	o	o	—	13.9	28.3	43	o
	BAHARÎYA	o1	8	32	1	1	4		11.5	28	39	o
	KHÂRGA	oo	9	32	1	o	o	—	—	29.8	30	o
	DAKHLA	oo	8	o8	1	o	o	—	—	29.3	38	o
RED SEA	TÔR	oo	7	28	2	o	o	—	8.2	25.1	65	o
	HURGHÂDA	oo	8	30	3	o	o	—	8.3	27.7	63	o
	QUSEIR	oo	8	o2	2	o	o	—	9.0	27.3	75	o
	PORT SÛDÂN											
NORTH SÛDÂN	WÂDI HALFA											
	KAREIMA											
	'ATBARA											
	KHARTÛM											
	KASSALA											
CENTRAL SÛDÂN	WAD MEDANI											
	RENK											
	ROSEIRES											
	EL OBEID											
	EL FÂSHER											
	GENEINA											
	KADUGLI											
S. SÛDÂN	MALAKÂL											
	WÂU											
	JUBA											

UPPER WINDS ON 11th — الرياح العليا يوم

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h 15 m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA 13 h. m.	EL OBEID 13 h 15 m.	MALAKAL h. m.	JUBA 13 h. m.
							o2 25 15	o2 26 05	o6 22 25	o6 21 15	o6 27 05		o6 02 20
							o6 26 25	o6 26 10	o9 22 40	o9 20 15	o9 27 05		o9 04 15
							o9 36 20	o9 25 15	15 21 35	15 18 20	15 14 15		15 11 05
							15 29 20	15 32 20	21 23 10	21 20 15	21 04 15		21 14 05
							21 25 35	21 32 40	30 22 05	30 24 30			
							30 25 40	30 20 10	39 11 15	29 29 15			
							39 27 40	39 23 15	45 13 15				
							45 27 45	45 15 15	60 08 20				
							60 23 30	60 17 15					

At 8h. on Friday 12th — الساعة ٨ يوم ١٢ الجمعة ١٩٤٧

	STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm °C	MINIMUM Today °C mm	MINIMUM Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 h. mms	Total from Oct 1 mms	Norm from Oct 1 mms
MEDITERRANEAN	SALÛM													—	—				100
	MATRÛH	o1	8	30	3	1	3	8	14.7	+1.2	26.4	28	o	25	+4	78	o	55	161
	MARIUT	oo	7	30	1	1	o	—	13		27	28	—	23	—	66	o	139	138
	ALEXANDRIA	oo	9	28	2	o	o	—	13.2	-o.1	26.8	28	-2	24	+1	64	o	106	126
	DAMIETTA	oo	8	18	2	1	1	8	11.8	-o.6	25.2	28	—	22	—	74	o	32	106
	PORT SA'ID	oo	8	20	2	o	3	8	12.4	+o.7	25.2	31	o	23	o	74	o	32	81
	EL 'ARÎSH	oo	9	20	2	o	3	8	12.4	o.o	26.8	29	-1	21	+1	69	o	47	94
LOWER EGYPT	DAMANHÛR	oo	7	28	2	o	o	—	13.1	o.o	24.5	29	-3	19	o	80	o	84	101
	MANSÛRA	oo	8	24	1	o	o	—	13.0	+o.3	25.8	32	-1	19	o	70	o	15	55
	TANTA	o1	8	oo	o	1	3	8	13.0	-o.1	25.4	31	-2	17	-1	71	o	8	44
	ZAGAZIG	oo	6	20	2	o	o	—	13.6	+o.4	27.0	34	+1	19	+1	69	o	24	27
	SHEBÎN EL KÔM	oo	8	28	2	o	o	—	13.0	o.o	23.2	33	—	19	—	75	o	9	—
MIDDLE EGYPT	CAIRO ALMAZA	o5	6	20	1	o	o	—	12.9	+o.2	24.8	31	—	19	—	66	o	14	—
	CAIRO EZBEKÎYA	o1	7	28	1	1	4	8	13.5	+o.7	24.0	31	-2	21	+1	70	o	13	26
	CAIRO GÎZA	o1	6	oo	o	1	4	8	13.6	+o.7	27.1	31	-1	17	-1	63	o	20	27
	HELWÂN	o9	5	oo	o	o	1	8	13.5	+1.0	22.9	29	-4	19	-1	73	o	5	29
	SUEZ	o1	9	oo	o	1	4		13.1	+1.4		33	-1	20	-2	63	o	4	17
UPPER EGYPT	FAIYÛM	oo	8	oo	o	o	o	—	13.9	+1.3	24.0	31	-2	19	o	72	o	8	8
	MINYA	oo	9	32	2	o	o	—	13.8	+1.9	25.0	31	-2	21	+1	69	o	tr	—
	ASYÛT	oo	7	28	1	o	o	—	13.4	+1.8	24.0	31	-3	19	-2	62	o	o	4
	NAG' HAMÂDI	oo	8	oo	o	o	o	—	12.2	+1.9	25.0	32	—	21	—	64	o	o	—
	QENA	oo	7	24	2	o	o	—	11.4	+1.5	29.0	36	-2	22	o	52	o	tr	—
	LUXOR	oo	9	26	2	o	o	—	11.5	+1.5	30.0	36	-4	23	+1	47	o	tr	—
	ASWÂN	oo	9	30	1	o	o	—	12.4	+2.9	26.6	37	-3	23	-1	39	o	tr	—
WESTERN DESERT	SÎWA	oo	7	oo	o	o	o	—	17.1	+2.3	23.0	32	-4	17	-1	66	o	2	8
	BAHARÎYA	oo	8	28	1	o	o	—	13.8	+o.3	24.0	32	-2	18	-1	63	o	tr	7
	KHÂRGA	oo	9	oo	o	o	o	—	—	—	24.8	35	-2	21	o	53	o	tr	—
	DÂKHLA	oo	8	28	1	o	o	—	13.9	+1.7	26.9	33	-4	19	-2	40	o	tr	—
RED SEA	TÔR	oo	7	28	4	o	o	—	10.8	+1.7	26.8	31	-1	25	+2	61	o	2	13
	HURGHÂDA	oo	8	30	5	o	o	—	10.3	+o.8	27.2	31	-2	23	o	63	o	tr	3
	QUSEIR	oo	8	32	4	o	o	—	10.3	+1.3	28.3	31	-2	24	-2	64	o	tr	4
	PORT SÛDÂN	o1	8	10	2	1	4	4,5	9		33					56	o	157	166
NORTH SÛDÂN	WÂDI HALFA																o	tr	—
	KAREIMA																o	7	26
	'ATBARA																o	55	67
	KHARTÛM	18	7	o2	6	2	6	4,5	12								o	68	153
	KASSALA																5	222	295
CENTRAL SÛDÂN	WAD MEDANI																o	234	365
	RENK												—		—		—	—	467
	ROSEIRES																o	791	739
	EL OBEID																9	452	328
	EL FÂSHER								—	—							1	143	302
	GENEINA	o2	8	o2	1	1	7	5	—	—			—		—		—	—	539
	KADUGLI												—		—		—	—	664
S. SÛDÂN	MALAKÂL																o	727	755
	WÂU																o	1248	1006
	JUBA																o	1082	899

UPPER WINDS ON 12th — الرياح العليا يوم

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.

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

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 12th

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	1947	1946
	12-9	8949	10760
	11-9	9202	10780

STATION	Mean of day: Humidity % on 11th	Humidity Diff from normal	Wet bulb temp °C on 11th	Wet bulb temp Diff from normal
Alexandria	61	-7	20.4	-1.6
Ezbekiya	58	-8	20.6	-1.1
Giza	59	-7	21.0	-0.2
Helwân	58	+4	19.5	-0.3

GÎZA — GRASS MINIMUM TEMP. ON 12th 14.2 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9	14.12	+0.30	14.14	+0.32
Nâsser		10.66	+0.42	10.65	+0.43
Malakâl		12.15	+0.08	12.14	+0.08
J. Aulia Res.				376.65	—
J. Aulia D.S				375.39	+0.02
Roseires		18.90	+0.30	18.09	-0.59
Sennar Res.		17.20	—	17.20	—
Khartûm		15.58	-0.05	15.60	0.00
Kh. el Girba		13.46	-0.16	13.55	-0.12
'Atbara		15.16	+0.20	15.24	+0.25
Kajnarti	12	142.49	+0.89	142.44	+0.80
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.61	+0.50	92.67	+0.55
Roda (Cairo)		19.71	+1.04	19.71	+1.04

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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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50 59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90 99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

CAIRO
Time of Sunrise h. 05 m. 38
Sunset h. 18 m. 04

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

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧

At 14h. on Friday 12th (الساعة ١٤ يوم ١٢) — At 20h. on 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
Mediterranean																							
Salûm																							130
Matrûh	01	9	30	3	1	4	8	14.0	27.1	80	0	00	8	32	3	0	0	-	14.8	25.9	74	0	131
Mariut	00	7	28	3	0	2	7	13	28	66	0	00	7	30	3	0	0	-	13	25	74	0	150
Alexandria	02	9	28	6	1	5	8	12.4	26.1	74	0	00	5	28	4	0	0	-	13.6	25.0	71	0	132
Damietta	00	8	28	3	1	2	8	11.2	28.2	60	0	00	7	28	2	1	0	-	11.6	25.0	77	0	159
Port Sa'îd	00	8	28	3	0	0	-	11.6	30.7	53	0	00	8	30	2	0	3	6	12.2	25.2	79	0	134
El 'Arîsh	00	9	30	2	0	0	-	10.6	28.3	66	0	00	9	28	3	0	0	-	10.7	26.2	73	0	135
Lower Egypt																							
Damanhûr	01	7	32	3	1	3	8	12.4	30.2	54	0	00	7	32	3	1	0	-	13.0	23.8	85	0	136
Mansûra	01	8	32	2	1	3	8	11.5	32.0	36	0	00	6	28	2	1	0	-	12.7	24.8	79	0	137
Tanta	01	8	24	2	1	4	8	11.9	32.0	44	0	00	8	00	0	1	0	-	12.6	23.6	81	0	138
Zagazig	00	6	24	2	0	0	-	11.1	33.0	44	0	00	6	24	1	0	0	-	11.5	24.0	82	0	139
Shebîn el Kôm	01	8	02	3	1	4	8	12.2	32.2	41	0	00	7	02	2	0	0	-	13.1	23.6	80	0	—
Middle Egypt																							
Cairo Almâza	00	8	30	3	0	1	8	11	30	40	0	00	7	31	2	1	0	-	12	26	62	0	141
Cairo Ezbekîya	00	8	28	3		1	8	11.2	30.6	40	0	00	7	30	2	0	0	-	12.6	26.1	60	0	—
Cairo Gîza	00	8	28	2	0	1	8	11.5	30.5	43	0	00	7	30	2	0	0	-	12.3	25.0	65	0	—
Helwân	00	8	32	3	0	2	8	10.8	30.1	31	0	00	7	32	4	0	0	-	12.2	26.5	54	0	143
Suez	00	9	02	2	0	0	-	—	31.0	26	0	00	9	00	0	0	0	-	11.6	26.4	55	0	144
Upper Egypt																							
Faiyûm	01	8	30	2	1	3	8	10.8	31.2	35	0	01	8	02	4	1	3	8	11.8	28.3	50	0	153
Minya	00	9	32	2	1	0	-	12.2	31.0	37	0	00	9	32	1	1	0	-	11.9	27.7	49	0	154
Asyût	00	8	26	2	0	0	-	11.0	29.3	37	0	00	6	22	1	0	0	-	11.6	27.6	37	0	155
Nag' Hamâdi	00	8	24	2	3	0	-	9.6	32.0	35	0	00	8	00	0	0	0	-	10.8	25.7	56	0	164
Qena	00	8	24	2	0	0	-	8.2	33.3	26	0	00	6	26	2	0	0	-	9.1	27.6	57	0	156
Luxor	00	9	32	2	0	0	-	9.4	34.0	29	0	00	8	26	3	0	0	-	9.8	29.0	40	0	157
Aswân	00	9	32	1	0	0	-	9.0	33.2	20	0												158
Western Desert																							
Sîwa	02	8	28	2	2	6	4	15.8	31.0	27	0	00		00	0	0	0	-	15.1	29.8	44	0	148
Baharîya	01	8	28	1	1	4	8	12.6	31.0	32	0	01	7	32	1	1	4	8	12.7	29.0	34	0	149
Khârga	00	9	32	1	0	0	-	—	31	27	0	00	9	32	1	0	0	-	—	29.2	25	0	151
Dakhla	00	9	32	1	0	0	-	11.5	31.8	28	0	00	8	28	1	0	0	-	11.6	29.0	35	0	152
Red Sea																							
Tôr	00	7	28	5	0	0	-	10.4	28.2	67	0	00	7	28	4	0	0	-	9.5	29.3	61	0	145
Hurghâda	00	8	02	4	0	0	-	9.1	30.8	53	0	00	8	28	4	0	0	-	9.2	26.9	48	0	146
Quseir	00	8	02	2	0	0	-	9.0	28.6	80	0	00	8	32	2	0	0	-	8.7	27.0	79	0	147
Port Sûdân	01	8	06	3	1	4	8,4,2	5	34	62													208
North Sûdân																							
Wâdi Halfa	02	8	30	3	1	6	22	9	35	18													165
Kareima	01	8	28	3	1	4	1	8	38	15													166
'Atbara	02	7	20	2	1	6	3	6	38	29													167
Khartûm	02	8	20	3	1	6	8,4,2	7	36	52													209
Kassala	02	8	20	2	1	7	2	7	33	47													170
Central Sûdân																							
Wad Medani	03	8	16	4	8	8	1	8	30	59													171
Renk																							182
Roseires																							172
El Obeid	62	8	04	2	6	7	6,4,5	10	24	89													174
El Fâsher	02	8	32	2	1	5	8,4,2	—	32	38									—				175
Geneina								—											—				179
Kadugli	02	8	04	2	2	7	4	8	31	43													187
S. Sûdân																							
Malakâl	01	8	08	1	1	4	8,4	8	32	52													176
Wâu																							177
Juba																							173

Upper Winds on 12th (الرياح العليا يوم ١٢)

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

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala (13 h.)	El Obeid (13 h.)	Malakal	Juba
										06 19 15	06 11 30		
										09 19 15	09 09 20		
										15 19 15			
										21 19 15			
										30 26 05			
										39 31 05			
										45 09 05			

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	Date	1947	1946
	13-9	9202	10732
	12-9	8949	10760

Station	Mean of day Humidity % on 12th	Diff from normal	Wet Bulb Temp °C on 12th	Diff from normal
Alexandria	66	-2	22.0	0.0
Ezbekîya	59	-5	20.8	-0.8
Gîza	59	-8	21.5	+0.3
Helwân	60	+6	19.7	-0.1

GÎZA — Grass minimum temp. on 13th 16.4 °C

CAIRO — Water temp. River Nile at 9h. on 13th °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13/9			14.12	+0.30
Nâsser				10.66	+0.42
Malakâl		12.16	+0.09	12.15	+0.08
J. Aulia Res.					
J. Aulia D.S					
Roseires		18.96	+0.39	18.90	+0.30
Sennar Res.				17.20	-
Khartûm				15.58	-0.05
Kh. el Girba				13.46	-0.16
'Atbara				15.16	+0.20
Kajnarti		142.49	+0.92	142.49	+0.89
Aswân Res.		98.50	-	98.50	-
Aswân D.S		92.69	+0.60	92.61	+0.50
Roda (Cairo)		19.69	+1.02	19.71	+1.04

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

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

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
Mediterranean																		
Salûm												—		—				100
Matrûh	00	9	30	2	0	0	-	14.3	+0.7	26.0	28	0	25	+4	62	0	55	161
Mariut	00	7	28	1	0	0	-	13		27	28	—	23	—	66	0	139	138
Alexandria	00	9	26	2	0	0	-	13.1	-0.3	26.2	29	-1	23	0	67	0	106	186
Damietta	00	8	32	3	0	0	-	11.2	-1.3	26.4	29	—	22	—	66	0	32	106
Port Sa'îd	01	8	28	2	0	5	8	11.9	+0.1	27.8	31	0	24	+1	69	0	32	81
El 'Arîsh	00	9	30	1	0	2	8	11.6	-0.9	26.4	29	-1	21	+1	75	0	47	94
Lower Egypt																		
Damanhûr	00	7	08	2	0	0	-	13.4	+0.2	25.0	31	-1	19	0	80	0	84	101
Mansûra	00	8	02	1	0	0	-	12.4	-0.4	25.5	33	0	20	+1	76	0	15	55
Tanta	00	8	00	0	0	0	-	12.7	-0.5	22.3	32	-1	17	-1	88	0	8	44
Zagazig	00	6	32	2	0	0	-	13.1	-0.2	28.0	33	0	19	+1	70	0	24	27
Shebîn el Kôm	00	8	28	2	0	0	-	13.2	0.0	25.2	33	—	12	—	72	0	9	—
Middle Egypt																		
Cairo Almâza	01	7	26	2	1	3	6	13.7	-0.3	23.8	32	—	21	—	81	0	14	—
Cairo Ezbekîya	05	6	28	3	0	1	8	12.8	-0.2	24.4	32	-1	22	+2	76	0	13	26
Cairo Gîza	01	6	26	2	1	3	8	13.1	+0.1	26.1	31	-1	20	+2	68	0	20	27
Helwân	09	6	30	2	1	3	6	13.4	+0.7	22.4	31	-2	21	+1	81	0	5	29
Suez	01	9	30	1	1	5	6			25.8	33	-1	22	0	70	0	4	17
Upper Egypt																		
Faiyûm	00	8	32	2	0	0	-	13.2	+0.9	24.2	32	-2	20	+1	77	0	8	8
Minya	00	9	32	2	0	0	-	12.3	+0.1	25.2	31	-2	21	+1	70	0	dr	—
Asyût	00	7	22	1	0	0	-	12.7	+1.0	24.2	31	-3	21	0	72	0	0	4
Nag' Hamâdi	00	8	00	0	0	0	-	11.8	+1.4	25.7	33	—	19	—	63	0	0	—
Qena	00	7	24	2	0	0	-	10.5	+0.5	27.0	35	-3	22	0	50	0	dr	—
Luxor	00	9	22	2	0	0	-	10.7	+0.6	29.0	35	-8	21	—	45	0	dr	—
Aswân	00	9	32	1	0	0	-	11.0	+1.4	27.4	35	-4	22	-2	33	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	-	16.4	+1.5	23.0	34	-2	18	0	83	0	2	8
Baharîya	00	8	32	2	0	0	-	13.2	-0.4	24.5	34	0	19	+1	64	0	dr	7
Khârga	00	9	32	1	0	0	-	—	—	29.5	35	-2	20	-1	47	0	dr	—
Dâkhla	01	8	00	0	0	3	1	13.6	+1.4	26.2	32	-5	20	-1	47	0	dr	—
Red Sea																		
Tôr	00	7	28	4	0	0	-	9.5	+0.3	27.6	32	0	25	+2	61	0	2	13
Hurghâda	00	8	30	3	0	0	-	9.9	+0.3	27.2	32	-1	22	-1	62	0	dr	3
Quseir	00	8	32	4	0	0	-	9.8	+0.6	29.0	30	-3	24	-2	51	0	dr	4
Port Sûdân	00	8	04	1	0	2	1	8		34			27		86	0	157	106
North Sûdân																		
Wâdi Halfa																0	tr	—
Kareima	01	8	04	3	1	3	2	12		28			25		27	0	7	26
'Atbara																0	55	67
Khartûm	01	8	06	1	1	3	4	10		32			26		—	0	68	154
Kassala																0	222	297
Central Sûdân																		
Wad Medani	00	9	20	3	1	2	3	11		27					55	0	234	368
Renk	01	9	20	2	1	4	0	12		27	—			—	79	—	—	470
Roseires	01	8	16	1	1	3	5	10		24					94	0	791	747
El Obeid																	451	331
El Fâsher	00	8	00	0	0	1	6	—	—	24			21		74	0	143	302
Geneina								—	—		—			—		—	—	541
Kadugli	01	8	20	1	1	3	1	13		26	—			—	70	—	—	669
S. Sûdân																		
Malakâl																0	727	760
Wâu																0	1248	1012
Juba																0	1082	903

Upper Winds on 13th (الرياح العليا يوم ١٣)

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

Matrûh	Mariut	Port Sa'îd	Helwân (9 h.)	Minya	Asyût (7 h.)	Luxor	Aswân (7 h.)	Wâdi Halfa (7 h.)	Abu Hamad	Kareima	Khartûm
			02 31 10		02 31 20		02 34 15	06 02 20			
			05 32 15		05 35 25		05 01 25	09 03 20			
			07 32 15		10 36 20		10 01 20	15 01 35			
					15 01 60		15 35 00	21 02 35			
							20 31 10	30 32 15			
							25 35 10	39 27 15			
							30 32 25				

Kassala	Port Sûdân (7 h.)	El Obeid	El Fâsher (7 h.)	Geneina (7 h.)	Malakal (7 h.)
	03 35 25		15 29 10	03 27 20	06 20 20
	06 26 25		21 28 10	09 12 20	09 18 20
			30 10 10	15 08 20	15 16 25
				21 06 25	33 30 05
					39 32 05

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			

CYPRUS SYNOPTIC 8h ON
34700 00992 00010 10251 40302 00180
048 00991 30301 10271 10101 00190

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise h. m. 4 43

Sunset 18 03

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

DAILY WEATHER REPORT

Month September 1947

At 14h. on Saturday 13th — الساعة ١٤ يوم ١٣

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	30	3	0	0	–	13.8	27.6	66	0	131
MARIUT	00	7	27	3	0	0	–	12	29	63	0	150
ALEXANDRIA	00	9	28	4	0	0	–	12.4	28.0	63	0	132
DAMIETTA	00	8	30	3	0	0	–	11.1	29.7	44	0	159
PORT SA'ÎD	00	8	28	3	0	–	–	11.2	31.3	51	0	134
EL 'ARÎSH	00	9	23	3	0	1	8	10.6	28.9	69	0	135
LOWER EGYPT: DAMANHÛR	00	7	33	3	0	0	–	12.2	31.8	39	0	136
MANŞÛRA	00	8	02	1	0	0	–	11.1	33.0	30	0	137
TANTA	00	8	24	2	0	0	–	11.5	32.3	34	0	138
ZAGAZIG												139
SHEBÎN EL KÔM	00	8	02	3	0	0	–	11.8	33.2	35	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	30	3	0	0	–	10.6	31.1	36	0	141
CAIRO EZBEKÎYA	00	8	23	3	0	0	–	11.1	31.3	39	0	—
CAIRO GÎZA	00	8	28	2	0	0	–	11.9	31.2	40	0	—
HELWÂN	00	7	28	4	0	0	–	10.8	30.7	34	0	143
SUEZ	00	9	32	1	0	0	–	–	31.7	30	0	144
UPPER EGYPT: FAIYÛM	00	8	02	3	0	0	–	10.7	32.0	30	0	153
MINYA	00	9	32	3	0	0	–	11.0	31.4	41	0	154
ASYÛT	00	8	30	3	0	0	–	10.0	31.2	34	0	155
NAG' HAMÂDI	00	8	24	2	0	0	–	8.0	32.6	36	0	164
QENA	00	8	34	2	0	0	–	7.1	31.0	24	0	156
LUXOR	00	9	26	3	0	0	–	8.0	36.0	25	0	157
ASWÂN	00	9	30	1	0	0	–	7.7	34.5	21	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	–	14.6	31.0	27	0	148
BAHARÎYA	00	8	23	1	0	0	–	11.9	32.0	26	0	149
KHÂRGA	00	9	32	1	0	0	–	–	32.4	18?	0	151
DAKHLA	00	9	28	1	0	0	–	11.1	31.8	23	0	152
RED SEA: TÔR	00	7	28	5	0	0	–	7.6	29.7	66	0	145
HURGHÂDA	00	8	02	3	0	0	–	7.9	29.7	54	0	146
QUSEIR	00	8	32	3	0	0	–	7.3	29.6	66	0	147
PORT SÛDÂN	00	8	04	4	0	3	–	4	34	53		208
NORTH SÛDÂN: WÂDI HALFA	01	8	02	3	1	3	2	9	35	13		165
KAREIMA	01	8	32	4	1	4	2	8	37	17		166
'ATBARA	01	7	32	1	0	4	1	5	38	16		167
KHARTÛM	02	8	28	1	2	6	8,0	6	37	32		209
KASSALA	11	8	16	1	1	6	9	5	32	52		170
CENTRAL SÛDÂN: WAD MEDANI	10	8	24	3	1	5	8	5	36	37		171
RENK												182
ROSEIRES	01	8	20	1	1	3	4	6	32	55		172
EL OBEID	02	9	02	2	1	7	8,4,2	6	32	36		174
EL FÂSHER	01	8	06	2	1	5	8,4,2	—	33	36		175
GENEINA								—				179
KADUGLI	01	8	04	1	1	4	4	8	29	66		187
S. SÛDÂN: MALAKÂL	22	8	30	1	1	6	8,4,2	7	33	52		176
WÂU												177
JUBA												1[illegible]3

At 20h. on 13th — الساعة ٢٠ يوم ١٣ السبت

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN: SALÛM											
MATRÛH	01	8	28	2	0	3	8	13.5	26.1	86	0
MARIUT	00	7	29	1	0	0	–	13	26	84	0
ALEXANDRIA	00	5	32	3	0	0	–	12.6	25.0	84	0
DAMIETTA	00	7	28	2	0	0	–	11.1	25.2	78	0
PORT SA'ID	00	8	28	3	0	0	–	11.2	25.9	77	0
EL 'ARÎSH	00	9	28	3	0	0	–	10.4	26.6	74	0
LOWER EGYPT: DAMANHÛR	00	7	32	2	0	0	–	12.4	24.0	85	0
MANŞÛRA	00	6	04	2	0	0	–	11.9	24.8	74	0
TANTA	00	8	00	0	0	0	–	12.2	23.1	75	0
ZAGAZIG	00	6	24	3	0	0	–	12.1	23.0	74	0
SHEBÎN EL KÔM	00	7	02	2	0	0	–	12.1	23.6	68	0
MIDDLE EGYPT: CAIRO ALMÂZA	00	7	31	2	0	0	–	14.2	27.8	39	0
CAIRO EZBEKÎYA	00	7	30	2	0	0	–	11.2	27.2	47	0
CAIRO GÎZA	00	7	32	2	0	0	–	11.3	26.6	49	0
HELWÂN	00	6	32	3	0	0	–	11.1	28.3	32	0
SUEZ	00	9	02	1	0	0	–	–	28.3	38	0
UPPER EGYPT: FAIYÛM	00	8	00	0	0	0	–	10.0	27.6	46	0
MINYA	00	9	32	2	0	0	–	10.6	28.0	46	0
ASYÛT	00	6	22	1	0	0	–	10.0	28.0	40	0
NAG' HAMÂDI	00	8	00	0	0	0	–	8.7	26.6	60	0
QENA	00	6	24	2	0	0	–	7.2	28.3	50	0
LUXOR	00	8	28	3	0	0	–	7.0	30.0	36	0
ASWÂN	00	9	00	0	0	0	–	6.4	32.0	19	0
WESTERN DESERT: SÎWA	00		00	0	0	0	–	15.5	27.6	46	0
BAHARÎYA	00	7	32	1	0	0	–	11.5	28.0	30	0
KHÂRGA	00	9	30	1	0	0	–	–	29.4	51	0
DAKHLA	00	8	28	1	0	0	–	10.6	28.6	34	0
RED SEA: TÔR	00	7	28	4	0	0	–	7.5	31.7	54	0
HURGHÂDA	00	8	30	3	0	0	–	9.4	28.2	60	0
QUSEIR	00	8	28	2	0	0	–	8.3	26.9	63	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 13th — الرياح العليا يوم ٣

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 12 h. m.	KAREIMA 12 h. 30 m.	KHARTÛM 12 h. 15 m.	KASSALA 12 h. 15 m.	EL OBEID 12 h. 15 m.	MALAKAL h. m.	JUBA h. m.
							03 24 30	06 25 35	06 29 05	06 00 00	06 00 00		
							06 35 25	09 34 45	09 11 02	09 36 10	09 36 10		
							09 35 30	15 34 35	12 21 02	12 10 05	12 10 05		
							15 35 35	21 25 15	15 34 02	15 02 05	15 02 05		
							21 30 25	30 24 25	18 27 02	21	21 02 15		
							30 26 20		21 27 02		24 02 15		
							45 23 10				27 07 30		
							60 27 10				30 10 10		
							75 30 05				32 11 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	1947	1946
	14.9	9229	10703
	13.9	9202	10732

STATION	Mean of day HUMIDITY % on 13th	Diff from normal	WET BULB TEMP °C on 13th	Diff from normal
Alexandria	74	-7	22.6	+0.7
Ezbekiya	55	-9	21.0	-0.5
Giza	54	-13	21.2	+0.1
Helwân	52	-2	19.5	-0.2

GÎZA — GRASS MINIMUM TEMP. ON 14th 13.8 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9			14.02	+0.26
Nâsser				10.67	+0.41
Malakâl		12.16	+0.08	12.16	+0.09
J. Aulia Res.				376.35	–
J. Aulia D.S				375.09	-0.27
Roseires				18.96	+0.39
Sennar Res.				17.20	–
Khartûm				15.42	-0.19
Kh. el Girba				13.80	+0.24
'Atbara	14	14.95	+0.05	15.04	+0.11
Kajnarti				102.49	+0.92
Aswân Res.		98.50	–	98.50	–
Aswân D.S		92.69	+0.62	92.69	+0.60
Roda (Cairo)		19.64	+0.98	19.69	+1.02

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

شهر سبتمبر ١٩٤٧

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	CAR 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												—		—				100
MATRÛH	00	9	30	3	0	0	–	13.5	-0.3	26.5	28	0	23	+2	74	0	55	161
MARIUT	00	7	31	1	0	0	–	13		27	29	—	23	—	71	0	104	120
ALEXANDRIA	00	9	32	2	0	0	–	12.4	-1.1	26.7	30	0	23	0	72	0	106	186
DAMIETTA	00	7	36	1	0	0	–	11.1	-1.6	27.1	31	—	19	—	76	0	32	106
PORT SA'ID	01	8	28	2	1	3	8	11.6	-0.3	26.3	33	+2	23	0	78	0	32	81
EL 'ARÎSH	00	9	18	1	0	2	8	11.6	-1.0	27.3	30	0	21	+1	76	0	47	94
LOWER EGYPT: DAMANHÛR	00	7	32	2	0	0	–	13.1	-0.2	24.0	32	0	19	0	90	0	84	101
MANŞÛRA	03	6	34	1	4	0	–	11.9	-1.1	22.8	34	+1	19	0	89	0	15	25
TANTA	00	9	00	0	0	0	–	13.6	-0.7	24.2	32	0	17	-1	76	0	8	44
ZAGAZIG	01	6	32	1	0	5	4	13.0	-1.4	27.0	27	+4	19	+1	77	0	34	27
SHEBÎN EL KÔM	03	7	28	2	4	5	6	12.7	-0.6	23.6	34	—	19	—	87	0	9	—
MIDDLE EGYPT: CAIRO ALMAZA	02	7	02	1	2	5	6	12.1	0.0	22.0	33	—	21	—	86	0	14	—
CAIRO EZBEKÎYA	05	6	02	2	–	4	8	12.4	-0.7	24.3	33	0	22	+2	76	0	12	26
CAIRO GÎZA	01	6	28	2	1	5	8	12.6	-0.5	25.6	33	+1	20	+2	72	0	20	27
HELWÂN	05	6	32	1	0	3	8	12.3	-0.5	23.3	33	0	20	0	78	0	5	29
SUEZ	01	9	00	0	1	5	5	—	—	29.8	34	0	20	-1	62	0	4	17
UPPER EGYPT: FAIYÛM	01	8	02	2	1	4	8	13.6	+0.7	23.8	33	-1	20	+1	81	0	3	8
MINYA	00	9	24	3	0	0	–	12.6	+0.3	25.2	33	0	21	+1	66	0	dr	—
ASYÛT	00	7	22	1	0	0	–	11.8	0.0	25.5	33	-1	20	+1	49	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	–	10.7	+0.2	27.0	33	—	19	—	55	0	0	—
QENA	00	7	34	2	0	0	–	10.0	-0.1	27.0	38	0	23	+1	86	0	dr	—
LUXOR	00	9	10	2	0	0	–	10.2	0.0	28.0	37	-2	21	-1	48	0	dr	—
ASWÂN	00	9	02	1	0	0	–	10.0	+0.3	35.6	36	-2	22	-2	42	0	dr	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	–	15.0	0.0	23.2	33	-2	18	0	81	0	2	8
BAHARÎYA	01	8	00	0	1	4	8	12.2	-0.6	23.0	33	-1	18	0	66	0	dr	7
KHÂRGA	00	9	00	0	0	0	–	–	–	24.9	33	-4	19	-2	42	0	dr	—
DÂKHLA	00	8	28	1	0	0	–	12.7	+0.4	24.3	32	-5	19	-2	48	0	dr	—
RED SEA: TÔR	00	7	32	1	0	0	–	8.4	-1.0	29.2	32	0	24	+1	63	0	2	13
HURGHÂDA	00	8	28	4	0	0	–	9.2	-0.5	28.1	31	-2	23	0	57	0	dr	3
QUSEIR	00	8	32	4	0	0	–	9.0	-0.3	29.4	30	-3	24	-2	54	0	dr	4
PORT SÛDÂN	01	8	32	1	1	3	4,2	8		32			26		62	0	157	166
NORTH SÛDÂN: WÂDI HALFA	00	8	32	1	0	0	–	11		26			20		88	0	0	—
KAREIMA	01	8	04	2	1	4	?	10		29			22		82	0	8	26
'ATBARA	02	8	00	0	0	6	2	9		29			26		89	0	55	67
KHARTÛM	01	8	02	1	1	5	4	10		30			26		85	0	58	154
KASSALA	01	8	32	5	1	4	4,5	—		25					36	22	245	200
CENTRAL SÛDÂN: WAD MEDANI	02	9	16	4	8	7	6	12		24			21		84	14	288	271
RENK	03	7	20	2	2	8	6	12		23		—		—	94	—	—	473
ROSEIRES	03	7	08	2	2	8	8	12		22					69	0	791	755
EL OBEID	11	7	12	2	0	4	4,5	12		23			16		89	17	474	334
EL FÂSHER	01	8	24	1	1	4	4	—	—	23			21		58	0	142	303
GENEINA								—	—			—		—			—	542
KADUGLI	02	8	04	1	2	6	4	12		21		—		—	82	—	—	674
S. SÛDÂN: MALAKÂL	01	8	24	1	2	5	8,4,1	12		24			22		74	0	727	765
WÂU																	1248	1018
JUBA	62	8	00	0	8	8	4,5	11		21			20		95	R	1082	906

UPPER WINDS ON 14th — الرياح العليا يوم ٤

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM 6 h. 15 m.
					02 33 15		05 07 15	03 26 15			06 03 20
					05 10 30		10 11 05	06 26 25			09 34 00
					10 01 30		15 02 10	09 37 25			21 03 15
					15 36 20		20 06 20	15 36 50			
							25 32 05	21 26 15			
							30 05 10	30 32 05			
								39 34 30			
								40 31 30			
								90 03 30			

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL 6 h. m.
			09 03 20		06 18 15
			15 06 20		09 17 20
			21 09 35		15 05 05
			30 03 20		21 04 05
			39 05 20		

CYPRUS SYNOPTIC 8h ON 14th

34700	00990	12200	10261	60307	00160
34800	00990	32300	11271	00403	00190

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON

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

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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. 05 m. 39
Sunset 18. 02

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧

1417 F.C.

At 14h. on Sunday 14th — الساعة ١٤ يوم الأحد ١٤

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	30	3	0	0	–	13.9	28.2	62	0	131
MARIUT	00	7	28	3	0	0	–	13	28	62	0	150
ALEXANDRIA	00	9	28	2	0	0	–	12.4	28.0	61	0	132
DAMIETTA	00	8	30	3	0	0	–	11.7	28.8	56	0	159
PORT SA'ÎD	00	8	30	3	0	0	–	11.6	30.2	61	0	134
EL 'ARÎSH	00	9	30	4	0	0	–	10.9	28.2	77	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	3	0	0	–	12.6	31.7	40	0	136
MANSÛRA	01	8	28	2	1	4	6	11.6	32.0	47	0	137
TANTA	00	8	00	0	0	0	–	11.9	32.0	41	0	138
ZAGAZIG	00	6	24	2	0	0	–	11.4	33.2	39	0	139
SHEBÎN EL KÔM	00	8	28	2	0	0	–	11.8	33.8	38	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	28	2	0	0	–	11	32	28	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	–	11.2	32.1	37	0	—
CAIRO GÎZA	00	8	30	2	0	0	–	11.4	31.8	40	0	—
HELWÂN	00	8	28	4	0	0	–	11.0	32.3	23	0	143
SUEZ	00	9	02	1	0	0	–		32.8	—	0	144
UPPER EGYPT												
FAIYÛM	00	8	30	2	0	0	–	10.8	32.0	33	0	153
MINYA	00	9	32	3	0	0	–	11.1	30.4	47	0	154
ASYÛT	00	8	30	2	0	0	–	9.8	32.5	21	0	155
NAG' HAMÂDI	00	8	24	2	0	0	–	7.9	35.4	27	0	164
QENA	00	8	16	1	0	0	–	7.4	37.9	27	0	156
LUXOR	00	9	08	1	0	0	–	7.4	36.8	31	0	157
ASWÂN	00	9	30	1	0	0	–	7.2	36.0	17	0	158
WESTERN DESERT												
SÎWA	00	8	28	2	0	0	–	14.6	33.8	23	0	148
BAHARÎYA	00	8	32	1	0	0	–	11.8	33.0	23	0	149
KHÂRGA	00	9	02	1	0	0	–		33.2	22	0	151
DAKHLA	00	9	28	2	0	0	–	10.0	33.4	25	0	152
RED SEA												
TÛR	00	7	28	3	0	0	–	9.0	30.5	63	0	145
HURGHÂDA	00	8	02	4	0	0	–	8.9	30.3	61	0	146
QUSEIR	00	8	04	2	0	0	–	8.8	31.3	54	0	147
PORT SÛDÂN	01	8	06	4	1	3	4	5				208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA	01	8	28	2	1	4	2	8	36	12		166
'ATBARA	01	7	20	3	1	3	2	5	37	13		167
KHARTÛM	01	8	08	2	1	4	2,4,5	6	35	42		209
KASSALA	01	8	20	3	1	3	8	7	31	55		170
CENTRAL SÛDÂN												
WAD MEDANI	02	8	20	4	1	7	4	8	29	59		171
RENK												182
ROSEIRES	01	8	30	1	1	3	4	9	27	70		172
EL OBEID	21	9	32	2	1	7	8,9	8	29	62		174
EL FÂSHER	01	8	00	0	1	3	8,2	—	33	24	—	175
GENEINA	02	8	08	1	1	8	8,1	—	31	55	—	179
KADUGLI	02	8	28	2	2	6	4	10	25	79		187
S. SÛDÂN												
MALAKÂL	10	8	16	3	2	6	9,4	9	28	66		176
WÂU												177
JUBA	02	8	32	2	1	7	8,4,2	9	31	55		173

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	32	2	0	0	–	14.3	25.8	86	0
MARIUT	00	7	29	1	0	1	6	13	24	84	0
ALEXANDRIA	01	5	00	0	1	4	4	13.0	24.6	79	0
DAMIETTA	00	7	28	1	0	0	–	12.6	25.0	76	0
PORT SA'ÎD	00	8	28	3	0	0	–	13.2	25.7	84	0
EL 'ARÎSH	00	9	30	3	0	0	–	11.6	25.2	79	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	0	0	–	13.2	24.0	79	0
MANSÛRA	00	6	30	2	1	0	–	13.4	24.0	77	0
TANTA	00	8	00	0	0	0	–	12.8	25.0	71	0
ZAGAZIG	00	6	24	2	0	0	–	12.6	24.4	80	0
SHEBÎN EL KÔM	00	7	30	2	0	0	–	12.8	24.8	70	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	1	0	0	–	12.1	29.8	38	0
CAIRO EZBEKÎYA	00	7	02	1	0	0	–	11.9	27.1	53	0
CAIRO GÎZA	00	7	32	1	0	0	–	12.3	26.6	51	0
HELWÂN	00	7	32	3	0	0	–	11.9	28.1	38	0
SUEZ	00	7	32	1	0	0	–		28.0	33	0
UPPER EGYPT											
FAIYÛM	00	8	02	1	0	0	–	11.0	26.9	52	0
MINYA	00	9	32	1	0	0	–	10.7	28.8	38	0
ASYÛT	00	6	26	1	0	0	–	10.6	29.5	29	0
NAG' HAMÂDI	00	8	32	1	0	0	–	9.0	37.9	47	0
QENA	00	8	24	2	0	0	–	7.2	31.0	32	0
LUXOR	00	8	24	3	0	0	–	7.0	30.0	36	0
ASWÂN	00	9	00	0	0	0	–	9.0	33.0	21	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	–	13.1	29.6	32	0
BAHARÎYA	00	7	32	1	0	0	–	11.4	29.0	29	0
KHÂRGA	00	9	32	1	0	0	–	.	29.9	23	0
DAKHLA	00	8	00	0	0	0	–	10.0	29.2	33	0
RED SEA											
TÛR	00	7	28	3	0	0	–	7.1	29.9	64	0
HURGHÂDA	00	8	26	2	0	0	–	9.0	26.6	65	0
QUSEIR	00	8	32	2	0	0	–	9.1	28.4	41	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 8h. on Monday 15th — الساعة ٨ يوم الإثنين ١٥

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	00	9	02	2	0	0		15.6	+1.7	26.2	28	0	24	+3	73	0	55	161
MARIUT	00	7	00	0	0	1	6	14		27	29	—	23	—	74	0	139	138
ALEXANDRIA	01	8	04	1	2	4	5	14.3	+0.7	27.2	30	0	23	+1	68	0	106	186
DAMIETTA	00	7	28	1	0	0	–	13.6	+0.8	26.6	30	—	19	—	72	0	82	106
PORT SA'ÎD	00	8	28	2	0	0	–	14.0	+2.0	28.2	32	+2	20	−3	58	0	32	81
EL 'ARÎSH	00	9	16	1	0	0	–	13.1	+0.3	27.1	31	+1	19	−1	73	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	7	02	3	1	3	8	14.7	+1.3	24.0	33	+1	19	0	90	0	84	101
MANSÛRA	00	8	02	1	0	0	–	14.6	+1.5	25.5	35	+2	19	0	76	0	15	55
TANTA	00	8	00	0	0	0	–	14.2	+0.7	22.4	34	+1	16	−2	86	0	8	44
ZAGAZIG	00	6	32	2	0	0	–	14.6	+1.1	26.0	36	+3	18	0	75	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	0	–	14.4	+1.0	24.4	34	—	18	—	78	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	02	1	0	3	6	14		23	34	—	20	—	84	0	14	—
CAIRO EZBEKÎYA	05	6	00	0	1	4	8	13.9	+0.7	22.7	34	+1	20	0	80	0	13	26
CAIRO GÎZA	01	6	00	0	1	4	8	14.0	+0.8	24.2	33	+1	18	0	76	0	20	27
HELWÂN	09	6	26	2	0	1	0	13.9	+1.0	22.3	32	0	19	−1	81	0	5	29
SUEZ	00	9	30	1	0	0	–			29.8	35	+1	22	+1	40	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	3	0	0	–	13.6	+0.5	24.5	34	0	20	+1	78	0	8	8
MINYA	00	9	32	2	0	0	–	12.8	+0.4	25.4	33	0	21	+1	63	0	dr	—
ASYÛT	00	7	22	1	0	0	–	12.4	+0.4	24.5	35	+1	19	−2	58	0	0	4
NAG' HAMÂDI	00	8	32	2	0	0	–	11.6	+1.0	26.0	36	—	19	—	59	0	0	—
QENA	00	7	24	2	0	0	–	10.7	+0.5	26.2	38	0	22	0	50	0	dr	—
LUXOR	00	9	30	2	0	0	–	11.2	+0.9	28.8	38	−2	21	0	41	0	dr	—
ASWÂN	00	9	30	1	0	0	–	10.6	+0.8	29.2	37	−2	23	−1	31	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	15.6	+0.5	23.7	35	0	18	0	70	0	2	8
BAHARÎYA	00	8	32	1	0	0	–	13.4	−0.5	22.8	34	0	18	0	64	0	dr	7
KHÂRGA	00	9	32	1	0	0	–	.	.	28.4	33	−4	22	+1	32	0	dr	—
DAKHLA	00	8	00	0	0	0	–	12.7	+0.3	28.4	34	−2	20	−1	39	0	dr	—
RED SEA																		
TÛR	00	7	04	1	0	0	–	11.2	+1.7	27.9	32	0	20	−2	59	0	2	13
HURGHÂDA	00	8	30	4	0	0	–	10.3	+0.4	28.6	31	−2	22	−1	57	0	dr	3
QUSEIR	00	8	30	3	0	0	–	9.8	+0.3	30.6	32	−1	23	−3	43	0	dr	4
PORT SÛDÂN	00	8	00	0	0	3	4			34			26		39	0	157	106
NORTH SÛDÂN																		
WÂDI HALFA	00	9	02	2	0	0	–	11		27			21		28	0	tr	—
KAREIMA	01	8	32	2	1	3		11		28			22		18	0	8	26
'ATBARA	01	8	22	3	0	4	4,1	11		29			25		43	0	55	67
KHARTÛM	01	8	14	4	0	4	6,4	10		27			25		70	0	68	155
KASSALA	01	8	18	4	1	3	4	12		24			22		84	tr	245	303
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	16	3	0	7	5									0	238	373
RENK												—		—		—	—	477
ROSEIRES	01	8	08	1	1	3	4									0	791	763
EL OBEID	02	9	22	3	1	7	8,6	12		23			21		84	tr.	474	337
EL FÂSHER	01	8	00	0	1	3	1	—	—	22			21		78	0	142	304
GENEINA	01	7	00	0	1	3		—	—	23	—		21	—	89	—	—	543
KADUGLI	02	8	04	1	2	6	4,3	11		21	—		—		94	—	—	678
S. SÛDÂN																		
MALAKÂL																0	727	770
WÂU	02	8	00	0	2	8							20			3	1251	1024
JUBA																0	1082	910

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL 13 h. 15 m.	JUBA 13 h. m.
									06 16 05			06 17 30	06 05 15
									09 21 10			09 17 40	09 06 20
									15 23 15			15 16 30	15 07 20
									21 25 15			21 22 15	21 15 10
									30 29 35				30 19 15
									39 32 30				39 23 20
									45 29 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 h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM h. m.
					02 31 25		02 01 10		06 02 15	06 33 30	
					05 01 10		05 08 25		09 03 10	09 34 15	
					10 36 30		10 05 10		15 33 05	15 35 20	
							15 02 05		21 24 15	21 36 25	
							20 19 20		24 21 15	24 01 35	
							25 19 20			30 01 10	
							30 23 30			33 07 10	
										39 06 10	
										42 29 10	

KASSALA h. m.	PORT SÛDÂN 7 h. m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL h. m.
	03 18 08		09 00 00		
	06 19 05		15 21 08		
	09 00 00		21 07 10		
	15 34 20		24 08 20		
	21 30 15				
	24 31 20				
	30 28 25				
	33 27 25				
	39 36 30				
	42 21 40				

CYPRUS SYNOPTIC 8h ON 15th

34700	00990	00000	13231	20407	00140
34800	00990	24200	14260	70401	00180

UPPER AIR TEMP. ALMÂZA AT G.M.T ON

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

Remarks

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

STATION	Mean of day: Humidity % on 14th	Humidity Diff from normal	Wet Bulb Temp °C on 14th	Wet Bulb Temp Diff from normal
Alexandria	74	+7	22.3	+0.4
Ezbekiya	59	−5	21.6	+0.2
Giza	57	−10	21.3	+0.2
Helwân	54	0	19.4	−0.2

GÎZA — GRASS MINIMUM TEMP ON 15th 12.6 °C

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	15-9	9144	10702
	14-9	9229	10703

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		14.04	+0.21	14.06	+0.24
Nâsser		10.70	+0.42	10.69	+0.43
Malakâl		12.18	+0.09	12.16	+0.08
J. Aulia Res.	9	376.89	-	376.84	-
J. Aulia D.S		374.89	−0.42	375.03	−0.31
Roseires		18.86	+0.35	18.09	−0.45
Sennar Res.	1	17.20	-	17.21	-
Khartûm		15.30	−0.26	15.34	−0.25
Kh. el Girba		13.57	+0.12	13.30	−0.21
'Atbara	5	14.88	0.00	14.95	+0.05
Kajnarti		142.23	+0.73	142.38	+0.84
Aswân Res.		98.50	-	98.50	-
Aswân D.S		92.65	+0.60	92.69	+0.62
Roda (Cairo)		19.58	+0.89	19.64	+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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

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ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧

At 14h. on Monday 15th (الساعة ١٤ يوم ١٥) — At 20h. on 15th (الساعة ٢٠ يوم الاثنين ١٥)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	02	2	0	0	—	15.9	26.4	72	0	00	8	04	1	0	0	—	16.4	24.9	83	0	131
MARIUT	00	7	30	2	0	0	—	15	28	66	0	00	7	31	2	0	0	—	15	25	74	0	150
ALEXANDRIA	00	9	32	3	0	0	—	15.0	28.0	66	0	00	5	02	3	0	0	—	15.9	25.0	82	0	132
DAMIETTA	00	8	28	3	0	0	—	13.4	28.5	66	0	00	6	30	1	0	0	—	14.3	25.0	84	0	159
PORT SA'ÎD	00	8	30	3	0	0	—	14.0	30.2	56	0	00	8	30	2	0	0	—	13.7	26.0	78	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	13.1	27.4	75	0	00	9	30	3	0	0	—	12.3	26.8	79	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	32	3	0	0	—	13.5	31.5	41	0	00	7	32	3	0	0	—	15.6	.5	80	0	136
MANSÛRA	00	8	02	2	0	0	—	13.8	33.5	32	0	00	6	32	2	0	0	—	15.2	24.2	79	0	137
TANTA	00	8	32	1	0	0	—	13.6	33.4	33	0	00	8	00	0	0	0	—	15.2	23.4	77	0	138
ZAGAZIG	00	6	32	4	0	0	—	13.0	31.0	42	0	00	6	32	1	0	0	—	14.2	26.3	67	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	—	13.8	34.0	32	0	00	7	02	2	0	0	—	14.2	24.6	69	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	02	4	0	0	—	12	33	36	0	00	7	02	3	0	0	—	14.2	28.5	51	0	141
CAIRO EZBEKÎYA	00	8	02	4	0	0	—	12.6	33.0	39	0	00	7	02	3	0	0	—	14.4	26.2	56	0	—
CAIRO GÎZA	00	8	28	1	0	0	—	12.8	31.8	42	0	00	8	32	1	0	0	—	14.3	27.4	50	0	—
HELWÂN	00	7	02	4	0	0	—	11.8	34.1	30	0	00	6	02	5	0	0	—	13.4	28.1	41	0	143
SUEZ	00	9	02	1	0	0	—		34.0	22	0	00	9	33	1	0	0	—		27.8	54	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	—	11.5	33.0	34	0	00	8	32	2	0	0	—	12.3	29.0	51	0	153
MINYA	00	9	00	0	0	0	—	10.3	31.4	40	0	00	9	32	1	0	0	—	11.5	28.0	54	0	154
ASYÛT	00	8	28	1	0	0	—	11.1	34.5	28	0	00	6	22	1	0	0	—	12.0	27.1	49	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	9.9	35.7	27	0	00	8	00	0	0	0	—	10.7	28.2	43	0	164
QENA	00	9	24	2	0	0	—	9.0	37.0	30	0	00	6	24	2	0	0	—	9.6	30.0	32	0	156
LUXOR	00	9	22	2	0	0	—	9.1	38.0	22	0	00	8	30	2	0	0	—	9.2	28.0	63	0	157
ASWÂN	00	9	00	0	0	0	—	8.2	37.6	13	0	00	9	00	0	0	0	—	8.3	30.0	30	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	15.8	33.0	30	0	00		00	0	0	0	—	15.6	28.0	39	0	148
BAHARÎYA	00	8	32	1	0	0	—	13.5	33.0	25	0	00	7	00	0	0	0	—	12.8	27.5	34	0	149
KHÂRGA	00	9	02	1	0	0	—	—	35.1	18	0	00	9	32	1	0	0	—	—	32.2	21	0	151
DAKHLA	00	9	32	1	0	0	—	10.7	34.3	24	0	00	8	00	0	0	0	—	10.8	31.3	29	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	9.0	30.5	65	0	00	7	28	2	0	0	—	8.8	30.6	54	0	145
HURGHÂDA	00	8	02	3	0	0	—	9.1	31.4	61	0	00	8	28	3	0	0	—	9.4	28.3	51	0	146
QUSEIR	00	8	32	2	0	0	—	9.9	31.6	74	0	00	8	30	2	0	0	—	9.6	29.7	72	0	147
PORT SÛDÂN	00	8	06	4	0	0	—	7	36	37													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	08	1	0	0	—	8	37	13													165
KAREIMA	01	8	00	0	1	4	4,1	8	38	11													166
'ATBARA	01	8	20	3	1	4	8,4,1	7	37	24													167
KHARTÛM	02	8	22	1	2	5	8,4	9	33	36													209
KASSALA	01	8	20	3	1	4	8	9	31	66													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	10	3	1	4	8	9	31	38													171
RENK	01	9	16	2	1	4	1	7	32	75													182
ROSEIRES	00	8	12	1	1	0	—	9	31	55													172
EL OBEID	01	9	16	3	0	5	8	8	29	55													174
EL FÂSHER	01	8	14	3	1	5	8	—	32	-								—					175
GENEINA	01	8	08	1	1	4	8	—	32	49								—					179
KADUGLI	01	8	04	1	1	5	4	9	29	66													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU	02	8	08	1	5	5	8,4,8	7	31	49													177
JUBA																							173

At 8h. on Tuesday 16th (الساعة ٨ يوم الثلاثاء ١٦)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	00	0	0	4	8	17.2	+3.2	25.3	27	-1	23	+2	78	0	55	161
MARIUT	00	7	01	1	0	0	—	16		27	29	—	23	—	70	0	139	138
ALEXANDRIA	01	9	32	2	1	3	4	16.3	+2.6	27.0	30	0	23	+1	69	0	106	187
DAMIETTA	01	8	02	2	1	3	8	15.4	+2.5	26.7	29	—	22	—	72	0	32	166
PORT SA'ÎD	01	8	04	2	1	3	8	15.9	+3.8	26.8	32	+2	24	+1	75	0	32	81
EL 'ARÎSH	00	9	12	2	0	0	—	14.7	+1.8	27.1	31	+1	19	0	70	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	08	3	0	0	—	17.1	+3.5	23.5	33	+1	21	+2	89	0	84	101
MANSÛRA	00	8	02	1	0	0	—	15.9	+2.7	26.0	35	+2	20	+1	73	0	15	55
TANTA	00	8	00	0	0	0	—	15.8	+2.2	23.0	34	+1	17	-1	85	0	8	44
ZAGAZIG	01	6	32	4	0	4	4	16.3	+2.7	26.9	35	+2	18	0	71	0	24	27
SHEBÎN EL KÔM	00	8	04	2	0	0	—	16.3	+2.8	25.8	34	—	18	—	64	0	9	—
MIDDLE EGYPT																		
CAIRO ALMÂZA	00	7	06	4	0	0	—	15		26	34	—	20	—	70	0	14	—
CAIRO EZBEKÎYA	00	6	02	3	0	2	8	15.1	+1.8	23.8	34	+1	20	0	83	0	13	26
CAIRO GÎZA	01	7	04	2	1	3	8	15.4	+2.1	26.2	33	+1	19	+1	73	0	.20	27
HELWÂN	00	7	04	2	0	0	—	15.0	+2.0	25.0	35	+3	21	+1	65	0	5	29
SUEZ	00	9	30	1	0	0	—	13.9	+1.8	25.6	36	+3	21	0	69	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	14.7	+1.5	25.0	34	0	20	+1	76	0	8	8
MINYA	00	9	32	2	0	0	—	13.9	+1.3	25.0	34	+1	21	+1	74	0	dr	—
ASYÛT	00	7	26	1	0	0	—	13.0	+0.9	24.8	35	+2	19	-2	62	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	12.6	+1.9	27.2	37	—	19	—	59	0	0	—
QENA	00	7	24	2	0	0	—	11.8	+1.4	26.4	40	+2	23	+1	61	0	dr	—
LUXOR	00	9	06	2	0	0	—	11.4	+1.0	29.0	40	+	22	+1	58	0	dr	—
ASWÂN	00	9	32	1	0	0	—	11.2	+1.3	31.5	40	+1	25	+1	25	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.1	+1.9	24.0	34	-1	18	0	67	0	2	8
BAHARÎYA	00	8	32	2	0	0	—	15.1	+1.1	21.7	34	0	19	+1	68	0	dr	7
KHÂRGA	00	9	00	0	0	0	—	—	—	25.1	37	0	19	-2	32	0	dr	—
DÂKHLA	00	8	28	1	0	0	—	13.8	+1.3	26.7	35	-1	20	-1	45	0	dr	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	11.2	+1.6	27.8	34	+2	19	-3	66	0	2	13
HURGHÂDA	00	8	30	4	0	0	—	11.1	+1.1	28.9	33	0	21	-2	58	0	dr	3
QUSEIR	00	8	28	2	0	0	—	11.1	+1.5	30.2	32	0	26	0	51	0	dr	4
PORT SÛDÂN	01	8	00	0	1	4	4	8		26			26		31	0	157	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	04	1	0	0	—	9		27			20		33	0	dr	—
KAREIMA	01	8	00	0	1	4	2	11		29			24		31	0	8	26
'ATBARA	01	7	24	1	0	3	4	10		29			20		43	0	55	67
KHARTÛM	01	8	20	3	1	4	4	11		28			22		74	0	68	156
KASSALA	01	8	16	2	1	5	4	12		32			24		26	0	245	305
CENTRAL SÛDÂN																		
WAD MEDANI	01	7	00	0	1	4	4	12		24					69	0	238	375
RENK												—		—		—	—	480
ROSEIRES	01	7	16	2	1	3	5	12		23					94	5	796	770
EL OBEID	01	9	16	2	1	4	4	11		27			22		66	0	474	340
EL FÂSHER	01	8	00	0	1	4	4	—	—	25			21		61	0	142	304
GENEINA	02	8	32	1	0	7	4,2	—	—	22		—	19	—	95	—	—	585
KADUGLI	02	8	28	1	2	5	4	11		23		—		—	84	—	—	683
S. SÛDÂN																		
MALAKÂL	02	9	00	0	1	5	4,5,2	13		25			23		58	0	727	775
WÂU	01	8	00	0	1	4	4,5,1	12		23			20		78	tr.	1251	1030
JUBA	00	8	14	2	0	0	—	12		24			21		57	0	1082	914

UPPER WINDS ON 15th (الرياح العليا يوم ١٥)

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
							03 03 05	03 11 05	06 23 20				
							06 35 05	06 10 05	09 21 15				
							09 34 10	09 03 05	15 11 05				
							15 27 10	15 26 05	21 05 10				
							21 35 15	21 27 15	30 10 25				

UPPER WINDS ON 16th (الرياح العليا يوم ١٦)

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD 6 h. 45 m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
					02 33 25	03 06 05	02 36 15	03 01 25	06 04 25	03 01 15	06 23 20
					05 03 20	06 02 15	05 06 30	06 04 30	09 05 20	06 03 15	09 20 20
					10 07 35	09 02 10	10 04 20	09 03 25	15 04 15	09 36 15	15 12 05
					15 09 10	13 20 10	15 28 05	15 18 10	21 05 15	15 01 10	21 04 20
						18 23 20	20 24 25	21 18 30	24 05 10	21 07 15	
						21 23 30	25 10 10	24 14 20	30 09 10	24 15 05	
							30 17 10	30 15 20	33 08 10	30 17 05	
								39 16 25	39 11 10	33 12 10	
								45 17 30	45 10 10	39 10 20	

KASSALA h. m.	PORT SÛDÂN 7 h. 15 m.	EL OBEID h. m.	EL FÂSHER 7 h. 45 m.	GENEINA 7 h. m.	MALAKAL 6 h. 30 m.
	03 30 10		30 10 15	09 11 45	06 29 25
	06 31 15		33 09 15	15 13 15	09 19 30
	09 36 25		39 02 30	21 08 35	15 05 02
	15 03 35		45 08 40	24 08 35	21 01 05
	21 03 15			30 10 30	24 02 20
	24 02 15			33 12 25	30 03 15
	30 03 20				
	33 03 20				
	39 07 25				
	45 08 30				

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			

CYPRUS SYNOPTIC 8h ON 16th

34700 00990 00000 15241 30307 00160

34800 00990 24300 1625c 80000 00190

Remarks

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

Station	Mean of day: Humidity % on 15th	Diff from normal	Wet bulb temp. °C on 15th	Diff from normal
Alexandria	73	+6	23.0	+1.2
Ezbekîya	62	-2	21.2	-0.1
Gîza	58	-9	21.3	+0.2
Helwân	57	+3	19.7	+0.2

GÎZA — GRASS MINIMUM TEMP. ON 16th 15.2 °C

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

Discharges at Aswân measured by sluices m³ per sec.	1947	1946
16-9	8947	10697
15-9	9144	10702

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.04	+0.21
Nâsser				10.70	+0.42
Malakâl		12.19	+0.09	12.18	+0.09
J. Aulia Res.				376.89	—
J. Aulia D.S				374.89	-0.42
Roseires	16/9	19.15	+0.67	18.86	+0.35
Sennar Res.				17.20	
Khartûm		15.25	-0.27	15.30	-0.26
Kh. el Girba				13.57	+0.12
'Atbara		14.78	-0.05	14.88	0.00
Kajnarti		142.09	+0.64	142.23	+0.73
Aswân Res.		98.50		98.50	
Aswân D.S		92.57	+0.53	92.65	+0.60
Roda (Cairo)		19.48	+0.82	19.55	+0.39

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

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

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

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

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

WIND FORCE (F)

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

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

CAIRO
Time of Sunrise h. 05 m. 40
Sunset h. 17 m. 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.O.

Month September 1947 — شهر سبتمبر ١٩٤٧

At 14h. on Tuesday 16th — الساعة ١٤ يوم ١٦ ; At 20h. on 16th — الساعة ٢٠ يوم الثلاثاء ١٦

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	30	2	0	3	8	17.6	26.6	69	0	01	8	02	2	0	4	8	17.0	24.9	79	0	131
MARIUT	00	7	30	3	0	0	–	16	29	66	0	00	7	01	1	0	0	–	16	24	79	0	150
ALEXANDRIA	00	9	30	3	0	0	–	16.4	28.0	65	0	00	6	02	3	0	0	–	16.6	25.0	76	0	132
DAMIETTA	00	8	32	3	1	0	–	14.8	28.2	66	0	00	7	28	2	0	0	–	15.0	25.0	76	0	159
PORT SA'ÎD	00	8	04	3	0	0	–	14.8	30.0	53	0	00	8	02	3	0	0	–	15.1	25.8	73	0	134
EL 'ARÎSH	00	9	28	3	0	0	–	14.4	27.8	77	0	00	9	30	3	0	0	–	13.6	27.2	78	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	28	2	0	0	–	15.5	32.0	33	0	00	7	04	2	0	0	–	16.0	24.0	75	0	136
MANSÛRA	01	8	32	1	1	3	8	15.1	33.0	42	0	00	6	04	2	1	6	–	15.8	24.2	74	0	137
TANTA	00	8	32	2	0	0	–	15.0	33.0	34	0	00	8	00	0	0	0	–	15.6	24.4	78	0	138
ZAGAZIG	00	6	32	3	0	0	–	15.0	31.0	42	0	00	6	32	2	0	0	–	15.5	26.6	73	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	–	15.0	33.1	38	0	00	7	04	2	0	0	–	15.9	23.6	72	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	02	3	0	0	–	13.5	32.9	42	0	00	7	02	3	0	0	–	14.6	27.9	53	0	141
CAIRO EZBEKÎYA	00	8	02	2	0	0	–	13.9	32.7	43	0	00	7	02	1	0	0	–	14.7	26.5	54	0	—
CAIRO GÎZA	00	8	02	3	0	0	–	13.8	32.5	45	0	00	7	02	3	0	0	–	14.7	26.2	59	0	—
HELWÂN	00	8	32	3	0	0	–	13.0	34.1	24	0	00	7	02	5	0	0	–	14.2	27.6	39	0	143
SUEZ	00	9	32	1	0	0	–	—	33.4	31	0	00	9	30	1	0	0	–	13.6	27.0	54	0	144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	–	13.0	34.0	33	0	00	8	02	1	0	0	–	13.5	28.6	54	0	153
MINYA	00	9	32	2	0	0	–	12.7	33.0	38	0	00	9	32	2	0	0	–	12.4	28.4	49	0	154
ASYÛT												00	6	26	1	0	0	–	11.8	30.8	30	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	10.2	36.3	62	0	00	8	00	0	0	0	–	10.8	26.6	57	0	164
QENA	00	9	24	2	0	0	–	8.8	37.8	28	0	00	6	24	2	0	0	–	9.0	32.0	33	0	156
LUXOR	00	9	10	2	0	0	–	8.8	40.0	23	0	00	8	22	2	0	0	–	9.4	31.0	42	0	157
ASWÂN	00	9	32	1	0	0	–	8.0	40.4	12	0	00	9	00	0	0	0	–	9.1	37.0	12	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	–	17.1	33.7	32	0	00		00	0	0	0	–	15.8	28.4	43	0	148
BAHARÎYA	00	8	32	2	0	0	–	13.5	32.5	21	0	00	7	32	1	0	0	–	14.0	29.0	26	0	149
KHÂRGA	00	9	32	1	0	0	–	—	36.2	19	0	00	9	30	1	0	0	–	—	33.4	18	0	151
DAKHLA	00	9	02	2	0	0	–	10.7	35.4	26	0	00	8	00	0	0	0	–	11.5	31.6	35	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	–	10.3	30.2	66	0	00	7	28	2	0	0	–	10.7	31.8	60	0	145
HURGHÂDA	00	8	02	4	0	0	–	9.5	31.8	68	0	00	8	30	4	0	0	–	9.8	31.1	55	0	146
QUSEIR	00	8	32	2	0	0	–	10.6	31.3	52	0	00	8	30	2	0	0	–	9.9	29.7	47	0	147
PORT SÛDÂN	00	9	06	3	1	1	8,1	6	37	35													208
NORTH SÛDÂN																							
WÂDI HALFA	01	8	04	1	0	3	4,1	8															165
KAREIMA	02	8	24	1	1	5	2	8	41	10													166
'ATBARA	00	7	32	2	1	2	4	6	39	12													167
KHARTÛM	01	8						8															209
KASSALA	01	8	26	1	0	3	8,4	7	34	47													170
CENTRAL SÛDÂN																							
WAD MEDANI	01		14	3	1	4	8	7	37	33													171
RENK																							182
ROSEIRES																							172
EL OBEID	11	9	04	2	1	5	8,4	6	33	50													174
EL FÂSHER	01	8	04	1	1	5	8	—	33	44									—				175
GENEINA	02	8	12	2	1	5	8	—	31	55									—				179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA																							173

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	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.

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	71	+4	22.7	+1.0
Ezbekiya	62	-2	21.8	+0.5
Giza	61	-6	22.4	+1.4
Helwân	48	-6	20.0	+0.5

GÎZA — GRASS MINIMUM TEMP. ON 17th 12.2 °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
17-9	8689	10700
16-9	8947	10697

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.10	+0.27
Nâsser				10.71	+0.42
Malakâl	17-9	12.20	+0.09	12.19	+0.09
J. Aulia Res.				376.95	–
J. Aulia D.S				374.90	-0.39
Roseires				19.15	+0.67
Sennar Res.				17.20	–
Khartûm				15.25	-0.27
Kh. el Girba				13.80	+0.40
'Atbara		14.72	-0.07	14.78	-0.05
Kajnarti				142.09	+0.64
Aswân Res.		98.50	–	98.50	–
Aswân D.S		92.45	+0.43	92.57	+0.53
Roda (Cairo)		19.42	+0.77	19.48	+0.82

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

At 8h. on Wednesday 17th — الساعة ٨ يوم الأربعاء ١٧

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	01	9	28	1	0	3	8	16.7	+2.6	24.9	27	-1	21	0	75	0	65	161
MARIUT	00	7	31	1	0	2	6	15		26	29	—	21	—	70	0	139	138
ALEXANDRIA	01	9	28	2	1	4	4	15.9	+2.1	24.8	30	0	23	+1	71	0	106	187
DAMIETTA	00	8	28	2	0	0	–	14.7	+1.7	25.9	29	—	20	—	69	0	32	106
PORT SA'ÎD	00	8	30	2	0	0	–	14.7	+2.5	28.3	31	+1	24	+1	62	0	32	81
EL 'ARÎSH	01	9	20	1	1	4	8	13.9	+0.9	28.9	29	-1	19	0	72	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	6	28	2	0	2	8	15.8	+2.1	24.2	32	+1	17	-2	80	0	84	101
MANSÛRA	00	8	32	1	0	0	–	15.1	+1.7	26.2	34	+1	20	+1	74	0	15	55
TANTA	00	8	00	0	0	0	–	15.1	+1.4	23.6	34	+1	15	-3	81	0	8	44
ZAGAZIG	01	6	24	2	0	3		16.2	+2.5	27.0	33	0	18	+1	76	0	24	27
SHEBÎN EL KÔM	00	8	08	2	0	0	–	15.8	+2.2	23.4	35	—	17	—	80	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	5	32	1	2	8	6	15.1	+1.7	21.3	34	—	20	—	94	0	14	—
CAIRO EZBEKÎYA	08	4	04	2	1	5	8	15.4	+2.0	22.1	33	0	19	-1	88	0	13	26
CAIRO GÎZA	08	6	32	2	4	8	8	15.5	+2.1	21.8	33	+1	18	0	93	0	20	27
HELWÂN	01	2	30	2	1	4	8	15.0	+1.8	23.2	35	+3	19	-1	80	0	5	29
SUEZ	00	9	30	1	0	0	–	—	—	26.0	35	+2	20	-1	76	0	4	17
UPPER EGYPT																		
FAIYÛM	01	8	32	3	1	4	8	14.8	+1.4	24.0	34	0	20	+1	75	0	8	8
MINYA	01	8	32	2	1	4	5	14.2	+1.5	24.2	35	+2	21	+2	71	0	dr	—
ASYÛT	00	7	30	2	0	0	–	13.5	+1.3	23.5	38	+5	21	0	75	0	0	4
NAG' HAMÂDI	00	8	24	1	0	0	–	11.9	+1.1	26.6	37	—	22	—	26	0	0	—
QENA	00	7	26	3	0	0	–	11.1	+0.5	27.3	39	+1	24	+2	57	0	dr	—
LUXOR	00	9	10	2	0	0	–	10.7	+0.2	30.0	41	+1	22	+1	47	0	dr	—
ASWÂN	00	9	32	1	0	0	–	9.8	-0.2	31.4	42	+3	26	+2	22	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	17.2	+1.9	24.4	36	+1	19	+1	72	0	2	8
BAHARÎYA	00	8	32	1	0	0	–	15.1	+1.0	22.0	35	+1	18	0	74	0	dr	7
KHÂRGA	00	9	22	1	0	0	–	—	—	28.1	38	+1	25	+4	34	0	dr	—
DÂKHLA	00	8	00	0	0	0	–	13.4	+0.8	29.0	37	+1	22	+1	46	0	dr	—
RED SEA																		
TÔR	00	7	28	2	0	0	–	—	—	27.3	35	+3	24	+2	62	0	2	13
HURGHÂDA	00	8	30	5	3	0	–	9.8	-0.3	27.7	33	0	24	+1	66	0	dr	3
QUSEIR	00	8	32	2	0	0	–	10.0	+0.2	29.0	33	+1	26	0	57	0	dr	4
PORT SÛDÂN	00	8	28	1	0	2	4	7		25	3		27		47	0	157	106
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	3	1	10		29			25		25	0	tr	—
KAREIMA	00	8	02	2	1	3	1	8		32			28		21	0	8	27
'ATBARA	00	8	10	1	0	0	–	7		29			24		33	0	55	67
KHARTÛM	00	7	26	1	0	1	4	7		32			28		38	0	68	157
KASSALA																0	245	307
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	24	4	1	3	3	8		29					59	0	238	377
RENK												—		—		—	—	484
ROSEIRES																0	796	776
EL OBEID	02	7	16	3	0	5	4,5	10		26			22		74	0	474	343
EL FÂSHER	02	8	22	1	1	6	6,4	—	—	24			22		79	0	142	305
GENEINA								—	—			—		—		—	—	547
KADUGLI												—		—		—	—	628
S. SÛDÂN																		
MALAKÂL																20	747	779
WÂU	02	8	00	0	6	5	4,5	10		23			21		78	3	1254	1036
JUBA																0	1082	917

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 h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM 6 h. 30 m.
					02 32 25		02 35 20	02 01 30			06 28 20
					05 35 20		05 36 25	06 03 40			09 22 20
					10 33 50		10 01 20	09 03 30			15 35 25
					15 32 35		15 30 15	15 08 10			21 02 20
							20 25 05	21 08 10			24 05 30
							25 29 05	24 05 20			30 08 30
							30 29 05	30 13 10			33 09 35
							35 26 05	39 09 15			
							40 34 05	45 12 35			

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. m.	EL FÂSHER h. m.	GENEINA 6 h. 45 m.	MALAKAL h. m.
		06 26 10		09 31 05	
		09 26 20		15 01 15	
		15 32 25		21 06 20	
		21 20 15		24 11 35	
				30 11 30	
				33 11 45	
				39 13 45	

CYPRUS SYNOPTIC 8h ON 17th
34700 00990 00000 13241 70108 00170
34800 00990 00000 13260 70501 00170

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			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick „ „ „ „ 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- „ of Snow 83, 84
- „ of Sleet 85, 86
- „ of Hail 88, 89
- Thunderstorm 90-99
- „ ended, now Rain 91
- „ with Hail 94-96
- „ with Duststorm 98
- „ heavy, with Hail 99

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

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

CLOUD 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 41
Sunset h. m. 17 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month SEPTEMBER 1947 — شهر سبتمبر ١٩٤٧

1417 F.C.

At 14h. on WEDNESDAY 17th. — الساعة ١٤ 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 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	30	3	0	0	—	16.2	26.2	66	0	131
MARIUT	00	7	30	3	0	1	8	15	27	62	0	150
ALEXANDRIA	01	9	30	3	2	3	4	14.7	27.8	60	0	132
DAMIETTA	00	8	22	3	0	0	—	13.8	27.4	62	0	159
PORT SA'ÎD	00	8	28	4	0	0	—	13.5	29.0	59	0	134
EL 'ARÎSH	00	9	28	4	0	0	—	13.1	28.6	74	0	135
LOWER EGYPT												
DAMANHÛR	00	7	04	3	0	2	8	14.7	30.0	32	0	136
MANSÛRA	00	8	04	2	0	0	—	13.9	31.5	32	0	137
ṬANTA												138
ZAGAZIG	00	6	24	3	0	0	—	13.0	33.0	27	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	14.2	32.9	32	0	
MIDDLE EGYPT												
CAIRO ALMÁZA	00	8	32	2	0	0	—	13.1	31.5	43	0	141
CAIRO EZBEKÎYA	00	8	32	2	0	0	—	13.2	31.3	35	0	
CAIRO GÎZA	00	8	30	2	0	0	—	13.2	31.0	44	0	
ḤELWÂN	00	7	30	4	0	0	—	12.7	31.8	28	0	143
SUEZ	00	9	32	1	0	0	—	—	32.6	32	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	2	0	0	—	12.3	32.0	33	0	153
MINYA	00	8	32	4	1	0	—	12.3	32.0	41	0	154
ASYÛṬ	00	8	28	1	0	0	—	11.4	32.9	34	0	155
NAG' ḤAMÂDI	00	8	24	1	0	0	—	9.2	34.7	40	0	164
QENA	00	9	22	3	0	0	—	7.9	36.3	37	0	156
LUXOR	00	9	28	2	0	0	—	7.8	38.8	18	0	157
ASWÂN	00	9	32	2	0	0	—	6.0	41.6	14	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	16.3	33.4	33	0	148
BAHARÎYA	00	8	28	2	0	0	—	13.0	32.0	19	0	149
KHÂRGA	00	9	32	1	0	0	—	—	—	29		151
DAKHLA	00	9	32	3	0	0	—	11.8	34.4	36	0	152
RED SEA												
TÛR	00	7	28	4	0	0	—	9.6	29.9	70	0	145
HURGHÂDA	00	8	32	5	0	0	—	9.2	32.5	59	0	146
QUSEIR	00	8	32	2	0	0	—	9.0	30.7	63	0	147
PORT SÛDÂN	01	8	04	3	1	5	8,4	5	36	53		208
NORTH SÛDÂN												
WÂDI ḤALFA	01	7	32	3	1	3	1	6	42	12		165
KAREIMA	01	8	08	4	1	4	4,2	5	43	09		166
'ATBARA	01		00	0	0	4	6,4	2	42	12		167
KHARTÛM	00	8	12	1	0	1	8	2	40	12		209
KASSALA	00	8	00	0	0	1	8	5	34	56		170
CENTRAL SÛDÂN												
WAD MEDANI	01	9	24	3	1	5	8	6	37	27		171
RENK	01	9	20	3	1	4	8	8	32	55		182
ROSEIRES												172
EL OBEID	01	9	00	0	0	4	8,4	6	33	47		174
EL FÂSHER	01	8	08	1	1	4	8	—	34	32		175
GENEINA	02	8	12	1	1	8	8,5	—	29	49		179
KADUGLI	02	8	12	2	2	6	4	9	29	66		187
S. SÛDÂN												
MALAKÂL												176
WÂU	02	8	32	1	1	6	4	7	32	43		177
JUBA												173

At 20h. on 17th. — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	28	1	0	0	—	16.8	25.1	84	0
MARIUT	00	7	30	2	0	2	6	15	24	79	0
ALEXANDRIA	01	6	28	3	2	3	4	16.4	24.0	75	0
DAMIETTA	00	7	28	1	0	0	—	13.9	23.9	72	0
PORT SA'ÎD	00	8	28	3	0	0	—	14.0	25.0	69	0
EL 'ARÎSH	00	9	28	3	0	0	—	13.0	26.7	75	0
LOWER EGYPT											
DAMANHÛR	00	7	22	2	0	0	—	14.7	23.0	81	0
MANSÛRA	00	6	32	1	0	0	—	14.4	23.5	71	0
ṬANTA	00	8	00	0	0	0	—	15.0	24.0	79	0
ZAGAZIG	00	6	24	2	0	0	—	15.8	26.9	71	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	14.8	22.8	70	0
MIDDLE EGYPT											
CAIRO ALMÁZA	00	7	01	3	0	0	—	13.8	26.5	59	0
CAIRO EZBEKÎYA	00	7	02	3	0	0	—	14.0	24.9	57	0
CAIRO GÎZA	00	7	00	0	0	0	—	14.2	25.7	89	0
ḤELWÂN	00	7	32	4	0	0	—	13.8	26.6	41	0
SUEZ	00	9	32	1	0	0	—	—	26.0	50	0
UPPER EGYPT											
FAIYÛM	00	8	02	1	0	0	—	12.6	27.3	43	0
MINYA	00	9	32	2	0	0	—	12.4	27.0	43	0
ASYÛṬ	00	6	28	1	0	0	—	11.9	28.7	38	0
NAG' ḤAMÂDI	00	8	32	1	0	0	—	10.3	28.3	54	0
QENA	00	6	24	2	0	0	—	8.8	29.4	59	0
LUXOR	00	8	30	3	0	0	—	8.0	33.0	35	0
ASWÂN	00	9	32	4	0	0	—	8.4	35.0	19	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	15.2	27.8	40	0
BAHARÎYA	00	7	32	1	0	0	—	14.3	27.0	34	0
KHÂRGA	00	9	32	1	0	0	—	—	31.1	16	0
DAKHLA	00	8	00	0	0	0	—	11.9	31.6	33	0
RED SEA											
TÛR	00	7	28	3	0	0	—	7.9	30.3	62	0
HURGHÂDA	00	8	26	5	0	0	—	8.7	30.9	50	0
QUSEIR	00	8	28	2	0	0	—	9.0	28.9	63	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 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 h. m.	PORT SA'ÎD h. m.	ALMÁZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI ḤALFA 13h. 15m.	KAREIMA 12.30 m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
							03 01 20	03 04 25					
							06 02 20	06 05 55					
							09 36 20	09 05 65					
							15 03 15	15 07 20					
							21 04 10	21 08 15					
							24 06 10	24 07 20					
							27 08 05	30 07 40					

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	18th.	8436	10700
	17th.	8689	10700

STATION	Mean of day: HUMIDITY % on 17th.	Diff from normal	WET BULB TEMP °C on 17th.	Diff from normal
Alexandria	71	+4	21.5	-0.1
Ezbekîya	67	+3	20.3	-0.9
Gîza	86	+19	22.5	+1.4
Ḥelwân	56	+2	19.6	+0.2

GÎZA — GRASS MINIMUM TEMP. ON 18th. 14.0 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.05	+0.22
Nasser				10.72	+0.42
Malakâl		12.21	+0.09	12.20	+0.09
J. Aulia Res.				376.99	—
J. Aulia D.S				376.89	-0.37
Roseires	18th.	19.30	+0.98	19.42	+1.00
Sennar Res.				17.21	—
Khartûm				15.22	-0.28
Kh. el Girba				13.70	+0.35
'Atbara		14.82	+0.08	14.72	-0.07
Kajnarti				141.91	+0.48
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.31	+0.31	92.45	+0.43
Roda (Cairo)		19.42	+0.77	19.42	+0.77

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

At 8h. on THURSDAY 18th. — الساعة ٨ يوم الخميس ١٨

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	CAR PRESSURE M.S.L. 1000+ mbs. (PPP)	CAR PRESSURE Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm °C	MINIMUM Today °C	MINIMUM Diff. from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	24	1	0	3	8	15.9	+1.7	22.7	27	-1	19	-2	77	0	55	161
MARIUT	01	7	34	1	1	3	6	14		26	28	—	23	—	66	0	139	138
ALEXANDRIA	01	9	02	2	2	4	4	14.7	+0.7	25.3	30	0	23	+1	65	0	106	137
DAMIETTA	01	8	24	2	1	3	6	13.6	+0.5	25.7	28	—	23	—	70	0	32	106
PORT SA'ÎD	01	8	30	3	0	4	8	14.3	+2.0	26.8	31	+1	23	0	61	0	32	81
EL 'ARÎSH	00	9	22	1	0	3	8	13.6	+0.5	27.7	29	0	19	0	68	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	6	24	2	1	3	8	15.1	+1.3	23.8	31	0	18	-1	79	0	84	101
MANSÛRA	00	8	04	1	0	0	—	14.8	+1.3	25.0	33	0	19	0	68	0	15	55
ṬANṬA	00	8	00	0	0	0	—	15.1	+1.3	23.5	33	0	16	-2	87	0	8	44
ZAGAZIG	01	6	24	2	0	5	4	15.5	+1.6	25.5	34	+1	18	+1	74	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	—	15.1	+1.4	22.1	34	—	18	—	76	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	01	1	1	4	6	14.9	+1.4	23.0	33	—	19	—	75	0	14	—
CAIRO EZBEKÎYA	05	6	02	2	1	4	8	15.1	+1.6	23.2	32	0	20	0	76	0	13	26
CAIRO GÎZA	01	7	20	2	1	5	8	15.0	+1.5	23.9	32	0	18	+1	74	0	20	27
ḤELWÂN	09	6	32	2	1	4	6	15.2	+1.9	22.2	32	0	20	0	76	0	5	29
SUEZ	00	9	32	1	0	0	—	—	—	23.8	34	+1	19	-2	74	0	4	17
UPPER EGYPT																		
FAIYÛM	01	8	32	2	1	3	8	15.1	+1.5	23.0	33	0	19	0	77	0	8	8
MINYA	01	8	32	2	1	2	8	13.6	+0.8	24.0	33	0	21	+2	75	0	tr	—
ASYÛṬ	00	7	28	1	0	0	—	14.3	+2.0	23.8	34	+1	20	-1	67	0	0	4
NAG' ḤAMÂDI	00	8	24	2	0	0	—	13.0	+2.1	26.0	35	—	21	—	62	0	0	—
QENA	00	7	22	2	0	0	—	11.8	+1.1	26.6	37	-1	24	+2	54	0	tr	—
LUXOR	00	9	08	2	0	0	—	11.9	+1.3	30.0	40	0	22	+1	47	0	tr	—
ASWÂN	00	9	32	2	0	0	—	10.8	+0.8	30.3	43	+4	25	+1	29	0	tr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.0	+1.6	23.4	36	+1	18	0	65	0	2	8
BAHARÎYA	00	8	04	1	0	0	—	14.8	+0.6	22.4	33	-1	17	-1	63	0	tr	7
KHÂRGA	00	9	00	0	0	0	—	—	—	24.7	38	-2	21	0	49	0	tr	—
DAKHLA	00	8	00	0	0	0	—	14.3	+1.6	28.6	35	-1	21	0	49	0	tr	—
RED SEA																		
TÛR	00	7	28	2	0	0	—	9.9	0.0	26.9	35	-4	19	-3	65	0	2	13
HURGHÂDA	00	8	30	5	0	0	—	10.3	0.0	26.6	33	0	22	-1	74	0	tr	3
QUSEIR	00	8	32	2	0	0	—	10.0	0.0	29.3	32	0	25	-1	51	0	tr	4
PORT SÛDÂN																0	157	106
NORTH SÛDÂN																		
WÂDI ḤALFA																0	tr	—
KAREIMA																0	8	27
'ATBARA																0	55	68
KHARTÛM																0	68	157
KASSALA																0	245	308
CENTRAL SÛDÂN																		
WAD MEDANI																0	238	378
RENK												—		—		—	—	487
ROSEIRES																3	799	782
EL OBEID																0	474	346
EL FÂSHER										—	—					0	142	305
GENEINA										—	—		—	—		—	—	549
KADUGLI													—	—		—	—	692
S. SÛDÂN																		
MALAKÂL																7	754	783
WÂU																0	1254	1041
JUBA																0	1082	921

UPPER WINDS ON 18th. — الرياح العليا يوم ١٨

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ḤELWÂN h. m.	MINYA h. m.	ASYÛṬ 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI ḤALFA h. m.	ABU ḤAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
					02 34 15		02 36 25				
					05 35 30		05 02 20				
					10 31 20		10 36 40				
					15 32 60		15 34 20				
							20 35 25				
							25 32 20				
							30 34 15				

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

UPPER AIR TEMP. ALMÁZA — 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			

CYPRUS SYNOPTIC 8h. ON 18th.

34700 00890 00000 12231 20303 00160
34800 00790 26200 12333K 20303 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 8 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. m. 05 41
Sunset h. m. 17 57

Month September 1947 — شهر سبتمبر ١٩٤٧

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

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

Region	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	30	3	0	0	—	15.6	26.2	66	0	00	8	28	2	0	0	—	15.1	25.8	66	0	131
	MARIUT	00	7	29	3	0	1	6	14	28	62	0	00	7	30	2	0	3	6	14	24	74	0	150
	ALEXANDRIA	01	9	28	4	2	3	4	14.4	28.0	59	0	01	6	30	3	2	4	4	15.0	24.6	71	0	132
	DAMIETTA	00	8	28	3	1	2	8	13.4	26.9	60	0	00	7	28	2	1	1	8	13.5	24.0	75	0	159
	PORT SA'ÎD	00	8	28	4	0	0	—	13.6	29.0	58	0	00	8	30	2	0	0	—	14.0	24.8	74	0	134
	EL 'ARÎSH	00	9	28	4	0	0	—	13.0	28.2	62	0	00	9	28	3	0	0	—	13.0	25.8	47	0	135
Lower Egypt	DAMANHÛR	00	7	04	3	0	0	—	14.4	31.2	34	0	00	7	32	2	0	0	—	14.4	24.2	75	0	136
	MANSÛRA	00	8	32	2	0	0	—		30.5	42	0	00	6	04	2	0	0	—	14.3	24.0	71	0	137
	TANTA	00	8	00	0	1	0	—	13.2	31.0	42	0	00	8	00	0	0	0	—	14.6	24.0		0	138
	ZAGAZIG	00	6	24	2	0	0	—	13.8	32.0	46	0	00	6	32	2	0	0	—	14.5	27.0	76	0	139
	SHEBÎN EL KÔM	00	8	02	3	1	2	8	13.6	31.9	42	0	00	7			0	0	—	14.2	24.8	70	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	02	2	0	0	—	12.5	30.3	51	0	00	7	01	3	0	0	—	13.6	26.5	67	0	141
	CAIRO EZBEKÎYA	00	8	02	2	0	0	—	13.1	30.5	44	0	00	7	32	3	0	0	—	13.9	25.2	64	0	—
	CAIRO GÎZA	00	8	02	2	0	0	—	13.2	30.0	46	0	00	7	02	3	0	0	—	13.9	24.8	68	0	—
	HELWÂN	00	7	30	2	0	0	—	12.7	30.8	28	0	00	7	32	4	0	0	—	13.6	26.6	47	0	143
	SUEZ	00	9	30	1	0	0	—	—	31.0	27	0	00	9	32	1	0	0	—	—	26.2	52	0	144
Upper Egypt	FAIYÛM	00	8	32	2	0	0	—	12.4	31.2	40	0	00	8	02	1	0	0	—	12.6	26.1	62	0	153
	MINYA	00	9	32	2	1	0	—	11.6	31.4	40	0	00	9	32	1	0	0	—	12.4	27.5	41	0	154
	ASYÛT	00	8	30	2	0	0	—	11.8	31.5	23	0	00	6	24	1	0	0	—	12.6	27.8	32	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	—	9.6	33.2	37	0	00	8	00	0	0	0	—	11.2	27.4	47	0	164
	QENA	00	9	22	2	0	0	—	8.0	35.4	34	0	00	6	24	2	0	0	—	9.6	27.6	46	0	156
	LUXOR	00	9	30	2	0	0	—	8.7	38.2	27	0	00	8	24	3	0	0	—	9.5	31.0	32	0	157
	ASWÂN	00	9	32	2	0	0	—	7.2	40.0	16	0	00	9	32	1	0	0	—	9.2	35.0	19	0	158
Western Desert	SÎWA	00	8	28	2	0	0	—	16.6	33.0	25	0	00		00	0	0	0	—	15.6	28.4	26	0	148
	BAHARÎYA	00	8	32	1	0	0	—	13.2	32.0	28	0	00	7	32	1	0	0	—	14.0	27.0	37	0	149
	KHÂRGA	00	9	30	3	0	0	—	—	34.9	12	0	00	9	32	1	0	0	—	—	31.2	40	0	151
	DAKHLA	00	9	28	2	0	0	—	11.9	34.9	26	0	00	8	28	1	0	0	—	12.0	31.9	35	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	8.8	29.6	61	0	00	7	28	3	0	0	—	8.2	30.4	68	0	145
	HURGHÂDA	00	8	30	5	0	0	—	7.9	31.1	59	0	00	8	28	5	0	0	—	9.0	29.9	55	0	146
	QUSEIR	00	8	02	2	0	0	—	9.2	30.3	64	0	00	8	32	2	0	0	—	9.1	29.0	58	0	147
	PORT SÛDÂN	00	8	02	3	0	2	4	5	36	35													208
North Sûdân	WÂDI HALFA	01	8	02	3	0	4	1	6	41	14													165
	KAREIMA	01	8	00	0	1	3	1	5	38	18													166
	'ATBARA	00	8	20	1	1	3	8	3	42	06													167
	KHARTÛM	00	8	20	2	1	2	8	6	39	28													209
	KASSALA	00	8	00	0	1	2	8	5	36	53													170
Central Sûdân	WAD MEDANI	00	8	16	3	1	0	—	6	36	40													171
	RENK	02	9	20	2	1	7	8	8	33	56													182
	ROSEIRES	01	8	18	1	1	3	4	6	32	63													172
	EL OBEID	01	9	18	4	8	4	4	7	32	49													174
	EL FÂSHER	02	8	04	3	1	8	2,8	—	36	27								—					175
	GENEINA	01	8	02	2	1	3	4,1	—	30	66								—					179
	KADUGLI	02	8	28	2	1	6	1	9	29	66													187
S. Sûdân	MALAKÂL	01	8	20	2	1	4	8,4,1	7	33	—													176
	WÂU	02	8	20	1	1	5	9	8	33	47													177
	JUBA	02	8	32	2	1	8	6,2	8	33	47													173

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

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	Humidity % UU	Rainfall Past 24 hrs mms.	Total From Oct. 1 mms.	Norm From Oct 1 mms.
Mediterranean	SALÛM												—		—				100
	MATRÛH	01	9	26	2	2	4	8	14.4	+0.1	23.8	27	-1	20	-1	70	0	55	161
	MARIUT	00	7	30	1	0	0	—	13		26	28	—	22	—	62	0	139	138
	ALEXANDRIA	01	9	28	2	2	4	8	13.9	-0.2	25.7	30	0	23	+1	60	0	106	187
	DAMIETTA	01	8	28	2	1	4	8	13.0	-0.2	25.4	28	—	18	—	69	0	32	106
	PORT SA'ÎD	01	8	28	2	0	4	6	13.1	+0.7	26.6	31	+1	23	0	61	0	32	81
	EL 'ARÎSH	00	9	20	2	0	3	8	13.1	-0.1	27.3	29	0	21	+2	66	0	47	94
Lower Egypt	DAMANHÛR	00	6	04	2	0	0	—	14.8	+0.9	23.6	32	+1	18	-1	84	0	84	101
	MANSÛRA	00	8	02	1	0	0	—	13.8	+0.2	25.0	32	-1	19	0	66	0	15	55
	TANTA	00	8	00	0	0	0	—	14.3	+0.3	25.0	32	-1	16	-2	72	0	8	44
	ZAGAZIG	01	6	32	2	0	3	—	14.6	+0.6	27.0	33	0	19	+2	69	0	24	27
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	14.3	+0.5	24.2	34	—	18	—	72	0	9	—
Middle Egypt	CAIRO ALMAZA	01	7	32	1	1	3	8	13.8	+0.2	22.7	32	—	20	—	83	0	14	—
	CAIRO EZBEKÎYA	05	6	30	3	1	4	8	14.0	+0.4	23.3	31	-1	20	0	76	0	13	26
	CAIRO GÎZA	01	6	28	2	1	4	8	14.2	+0.5	24.3	31	-1	17	0	69	0	20	27
	HELWÂN	05	6	32	2	0	2	8	13.9	+0.5	22.6	31	-1	19	-1	74	0	5	29
	SUEZ	01	9	00	0	1	3	5	—	—	23.6	33	0	20	-1	75	0	4	17
Upper Egypt	FAIYÛM	01	8	02	2	1	3	8	14.2	+0.5	23.0	32	-1	19	0	77	0	8	8
	MINYA	01	8	32	2	1	3	8	14.2	+1.2	24.2	32	-1	20	+1	71	0	dr	—
	ASYÛT	00	7	28	1	0	0	—	13.5	+1.1	24.0	33	0	20	-1	66	0	0	4
	NAG' HAMÂDI	00	8	00	0	0	0	—	12.6	+1.6	27.2	37	—	19	—	59	0	0	—
	QENA	00	7	24	2	0	0	—	—		24.4	37	-1	23	+1	66	0	dr	—
	LUXOR	00	9	12	1	0	0	—	11.4	+0.7	30.0	40	0	23	+2	44	0	dr	—
	ASWÂN	00	9	02	1	0	0	—	10.4	+0.3	27.6	41	+2	24	0	33	0	dr	—
Western Desert	SÎWA	00	7	00	0	0	0	—	15.2	+0.3	23.0	34	-1	18	0	66	0	2	8
	BAHARÎYA																0	dr	7
	KHÂRGA	00	9	32	2	0	0	—	—	—	28.2	37	0	22	+1	41	0	dr	—
	DÂKHLA	00	8	28	1	0	0	—	13.4	+0.6	29.2	35	-1	22	+2	45	0	dr	—
Red Sea	TÔR	00	7	04	2	0	0	—	9.9	-0.1	23.9	32	+1	19	-3	63	0	2	13
	HURGHÂDA	00	8	28	5	0	0	—	9.5	-0.9	25.9	32	-1	21	-1	80	0	dr	3
	QUSEIR	00	8	30	4	0	0	—	9.4	-0.7	27.9	31	-1	25	0	63	0	dr	4
	PORT SÛDÂN	00	8	00	0	0	3	2	8		33					59	0	157	106
North Sûdân	WÂDI HALFA	00	8	02	2	0	2	1	11		28					25	0	tr	—
	KAREIMA	02	8	32	2	1	3	2	8		34					16	0	8	27
	'ATBARA	01	7	20	2	1	5	2	7		32					43	0	55	68
	KHARTÛM	02	8	18	5	1	5	2	10		28					58	0	68	158
	KASSALA	02	8	16	3	0	6	2	11		25					70	0	245	310
Central Sûdân	WAD MEDANI	02	9	20	2	1	8	8	11		24					74	0	238	379
	RENK	01	9	20	1	1	4	1	10		24		—		—	89	—	—	490
	ROSEIRES	01	8	20	1	1	3	4	12		23					84	29	828	787
	EL OBEID	14	9	10	5	2	7	8,4,2	12		25					58	tr.	474	349
	EL FÂSHER	01	8	08	3	1	5	4,1	—	—	23					74	0	142	306
	GENEINA	41	7	00	0	4	7	2	—	—	22		—		—	74	—	—	551
	KADUGLI	02	8	12	2	2	6	4	11		23		—		—	94	—	—	697
S. Sûdân	MALAKÂL																37	791	787
	WÂU	02	8	00	0	1	8	5	12		23					84	3	1257	1046
	JUBA																0	1082	924

UPPER WINDS ON 18th (الرياح العليا يوم ١٨)

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	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.	13 h. 30 m.	h. m.	h. m.
											06 22 25		
											09 21 30		
											15 21 40		

UPPER WINDS ON 19th (الرياح العليا يوم ١٩)

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	6 h. 45 m.	7 h. m.
								03 01 35		03 25 05	06 20 40
								06 02 55		06 33 15	09 21 45
								09 22 35		09 32 15	15 20 25
								15 01 20		15 01 05	21 23 15
								21 36 15		21 02 05	
								30 29 10		30 16 05	
								39 27 15		33 11 05	
								45 28 25			
								30 02 20			

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	6 h. 45 m.	7 h. 30 m.	h. m.	7 h. 15 m.	h. m.
06 19 30	03 01 05	06 15 25		09 05 20	
09 20 35	06 02 20	09 16 30		15 07 60	
15 23 20	09 02 20	15 15 30		21 08 65	
21 27 15	15 08 30	21 11 20			
36 28 10	21 11 30	30 06 20			
	30 02 30	33 05 30			
	33 01 25				
	39 04 30				
	45 05 30				

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			

CYPRUS SYNOPTIC 8h ON 19th
34700 00990 28100 11231 10102 00160
24800 00990 00003 12221 90600 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 18th	Diff from normal	Wet bulb temp °C on 18th	Diff from normal
Alexandria	66	-1	21.4	-0.1
Ezbekiya	64	0	20.9	-0.3
Giza	66	-1	21.1	+0.2
Helwân	58	+4	19.3	-0.1

GÎZA — GRASS MINIMUM TEMP. ON 19th 13.3 °C

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	19-9	8182	10700
	18-9	8436	10700

Gauge	Date (1947)	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.93	+0.11	13.98	+0.15
Nâsser	9	10.74	+0.42	10.73	+0.42
Malakâl		12.24	+0.12	12.21	+0.09
J. Aulia Res.		377.28	—	377.10	—
J. Aulia D.S		374.71	-0.50	374.85	-0.38
Roseires		19.48	+1.15	19.30	+0.92
Sennar Res.		17.21	—	17.23	—
Khartûm		15.24	-0.20	15.20	-0.28
Kh. el Girba		13.30	+0.09	13.60	+0.33
'Atbara	19	14.80	+0.09	14.82	+0.08
Kajnarti		141.50	+0.17	141.69	+0.28
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.20	+0.21	92.31	+0.31
Roda (Cairo)		19.39	+0.74	19.42	+0.77

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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. 05 m. 43 — Sunset h. 17 m. 55

Month *September* 1947 — شهر سبتمبر ١٩٤٧

At 14h. on *Friday 19th* (الساعة ١٤ يوم ٩/١٩) — At 20h. on *19th* (الساعة ٢٠ يوم ١٩/٩)

Region	Station	14h ww	V	DD	F	W	N	C	PPP	TTT °C	UU %	Rain 8-14 mms	20h ww	V	DD	F	W	N	C	PPP	TTT °C	UU %	Rain 14-20 mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	28	3	0	0	—	13.6	27.6	64	0	00	8	28	2	0	0	—	13.6	25.6	71	0	131
	MARIUT	01	7	27	3	1	4	8	13	28	58	0	01	7	30	1	1	3	6	14	24	69	0	150
	ALEXANDRIA	01	9	28	4	2	4	4	12.8	28.0	54	0	02	6	32	4	2	4	8	13.2	25.0	71	0	132
	DAMIETTA	00	8	28	3	1	2	8	12.2	26.8	57	0	01	8	28	2	1	3	8	12.2	23.8	71	0	159
	PORT SA'ÎD	00	8	02	3	0	0	—	12.2	29.3	54	0	00	8	30	3	0	3	8	13.0	24.4	68	0	134
	EL 'ARÎSH	00	9	28	3	0	0	—	12.0	27.9	69	0	00	9	30	3	0	0	—	11.6	25.8	72	0	135
Lower Egypt	DAMANHÛR	01	7	28	2	1	3	8	13.3	28.3	45	0	01	7	28	2	1	3	8	13.2	22.8	74	0	136
	MANSÛRA	01	8	04	1	1	3	8	11.9	30.5	42	0	00	6	30	2	1	0	—	13.4	23.8	67	0	137
	TANTA	01	8	32	2	1	4	8	12.0	30.6	42	0	01	8	00	0	1	4	8	13.9	23.0	78	0	138
	ZAGAZIG	00	6	24	2	0	0	—	12.2	31.2	52	0	00	6	24	2	0	0	—	12.9	26.0	64	0	139
	SHEBÎN EL KÔM	01	8	30	3	1	3	8	12.3	32.2	41	0	00	7	30	2	0	0	—	13.5	23.0	68	0	—
Middle Egypt	CAIRO ALMÂZA	00	8	32	2	0	0	—	10	30	59	0	00	7	29	2	0	0	—	12.5	26.0	69	0	141
	CAIRO EZBEKÎYA	00	8	32	3	0	0	—	11.4	29.9	42	0	00	7	30	2	0	0	—	12.7	25.3	59	0	—
	CAIRO GÎZA	00	8	32	3	0	0	—	11.6	29.8	45	0	00	7	26	2	0	0	—	12.8	24.9	62	0	—
	HELWÂN	00	8	28	3	0	0	—	11.1	29.6	36	0	00	7	32	3	0	0	—	12.6	26.2	49	0	143
	SUEZ	00	9	32	1	0	0	—		29.6	43	0	00	9	32	1	0	0	—		26.3	58	0	144
Upper Egypt	FAIYÛM	00	8	02	2	0	0	—	11.2	30.0	43	0	00	8	02	1	0	0	—	11.8	23.6	78	0	153
	MINYA	00	9	32	2	1	0	—	11.8	31.2	37	0	00	9	32	1	0	0	—	11.6	26.6	48	0	154
	ASYÛT	00	8	32	2	0	0	—	11.4	30.5	29	0												155
	NAG'HAMÂDI	00	8	24	2	0	0	—	9.4	32.0	36	0	00	8	00	0	0	0	—	10.8	26.3	48	0	164
	QENA	00	9	24	2	0	0	—	8.5	35.0	28	0	00	6	24	2	0	0	—	9.1	27.4	27	0	156
	LUXOR	00	9	30	2	0	0	—	8.0	36.0	27	0	00	8	24	3	0	0	—	8.7	30.0	36	0	157
	ASWÂN	00	9	30	2	0	0	—	7.4	37.0	15	0	00	9	32	2	0	0	—	9.1	30.6	16	0	158
Western Desert	SÎWA	00	8	24	2	0	0	—	14.6	31.8	34	0	00		00	0	0	0	—	14.3	28.0	41	0	148
	BAHARÎYA	00	8	32	1	0	0	—	11.9	31.0	25	0	00	7	32	1	0	0	—	13.0	26.5	37	0	149
	KHÂRGA	00	9	32	2	0	0	—	—	34.4	15	0	00	9	32	1	0	0	—	—	31.2	32	0	151
	DAKHLA	00	9	28	2	0	0	—	11.1	33.8	32	0	00	8	00	0	0	0	—	12.7	30.6	39	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	8.7	29.6	66	0	00	7	28	3	0	0	—	7.2	28.8	58	0	145
	HURGHÂDA	00	8	32	5	0	0	—	7.9	30.7	61	0	00	8	30	4	0	0	—	8.0	27.6	68	0	146
	QUSEIR	00	8	32	4	0	0	—	8.2	30.7	59	0	00	8	32	2	0	0	—	7.9	27.9	55	0	147
	PORT SÛDÂN	00	8	06	2	0	1	8	5	37	33													208
North Sûdân	WÂDI HALFA																							165
	KAREIMA																							166
	'ATBARA	01	8	32	1	1	5	8,2	3	41	17													167
	KHARTÛM	02	8	28	2	2	7	4,5,2	5	37	31													209
	KASSALA	02	8	18	2	1	8	8,1	6	34	47													170
Central Sûdân	WAD MEDANI	02	8	20	1	1	5	5	6	35	39													171
	RENK	00	9	20	2	0	0	—	7	31	66													182
	ROSEIRES	00	8	20	1	1	0	—	6	31	59													172
	EL OBEID	02	9	26	3	1	5	4,6,2	6	33	28													174
	EL FÂSHER	02	8	14	3	1	6	4,6	—	36	19									—				175
	GENEINA	02	8	06	4	1	8	2	—	33	32									—				179
	KADUGLI	02	8	20	1	2	6	4	9	29	59													187
S. Sûdân	MALAKÂL																							176
	WÂU	52	8	12	1	9	8	6	10	23	84													177
	JUBA																							173

UPPER WINDS ON 19th (الرياح العليا يوم ١٩)

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA 12h. 30m.	KHARTÛM 13h.	KASSALA	EL OBEID 12h. 30m.	MALAKAL	JUBA
								03 15 05	06 20 25		03 04 20		
								06 14 05	09 28 15		09 25 20		
								09 17 15	15 31 20		15 03 05		
								15 18 15	21 09 20				
								21 18 25	30 10 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	1947	1946
	20-9	7844	10702
	19-9	8182	10700

STATION	Mean of day: Humidity % on 19th	Diff from normal	Wet bulb temp °C on 19th	Diff from normal
Alexandria	64	-3	21.0	-0.5
Ezbekiya	62	-2	20.5	-0.6
Gîza	60	-7	20.7	-0.1
Helwân	58	+4	19.6	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 20th 12.6 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m
Jûba	20—9	12.94	+0.14	12.92	+0.11
Nâsser		10.75	+0.43	10.74	+0.42
Malakâl		12.26	+0.13	12.24	+0.12
J. Aulia Res.		377.21	—	377.28	—
J. Aulia D.S		374.39	-0.30	374.71	-0.50
Roseires		19.15	+0.87	19.48	+1.15
Sennar Res.		17.21	—	17.21	—
Khartûm		15.36	-0.06	15.24	-0.20
Kh. el Girba		13.26	+0.14	13.30	+0.09
'Atbara		14.73	+0.05	14.80	+0.09
Kajnarti		141.41	+0.14	141.50	+0.17
Aswân Res.		98.50	—	98.50	—
Aswân D.S		92.03	+0.07	92.20	+0.21
Roda (Cairo)		19.35	+0.70	19.29	+0.74

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

At 8h. on *Saturday 20th* (الساعة ٨ يوم ٢٠ سبتمبر)

Region	Station	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff from normal mbs.	Dry Bulb TTT °C	Max Yesterday °C	Diff from norm	Min Today °C	Diff from norm	UU %	Rain past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean	SALÛM												—		—				100
	MATRÛH	01	9	24	2	1	3	8	14.0	-0.5	24.2	28	0	20	-1	70	0	55	161
	MARIUT	01	7	29	1	0	4	6	13		26	28	—	22	—	55	0	139	138
	ALEXANDRIA	01	9	04	2	2	4	8	13.8	-0.4	25.0	30	0	23	+1	58	0	106	187
	DAMIETTA	01	7	16	1	1	3	6	12.6	-0.7	25.2	28	—	18	—	75	0	32	106
	PORT SA'ÎD	13	7	20	2	2	4	9	12.8	+0.3	25.2	30	0	23	0	69	0	32	81
	EL 'ARÎSH	00	9	22	1	0	3	8	12.4	-0.9	28.3	29	0	20	+1		0	47	94
Lower Egypt	DAMANHÛR	01	6	32	2	1	3	8	13.4	-0.6	24.2	30	-1	19	0	74	0	84	101
	MANSÛRA	01	8	04	1	1	4	6	13.5	-0.2	24.5	32	-1	19	0	73	0	15	55
	TANTA	01	8	00	0	1	4	8	13.6	-0.5	24.0	31	-2	16	-2	83	0	8	44
	ZAGAZIG	01	6	24	2	0	4	4	12.0	-2.1	25.8	33	0	18	+1	85	0	24	27
	SHEBÎN EL KÔM	01	8	30	2	1	4	8	14.0	0.0	25.0	33	—	18	—	70	0	9	—
Middle Egypt	CAIRO ALMAZA	01	7	04	1	1	4	9	12.7	-1.0	22.1	31	—	19	—	83	0	14	—
	CAIRO EZBEKÎYA	05	6	30	3	1	4	8	13.5	-0.2	23.6	31	-1	19	-1	74	0	13	26
	CAIRO GÎZA	05	6	30	1	1	4	8	13.6	-0.2	24.2	31	0	17	0	69	0	20	27
	HELWÂN	05	6	32	1	1	4	8	13.4	-0.2	22.8	30	-2	18	-2	67	0	5	29
	SUEZ	00	9	32	1	0	0	—			23.4	32	-1	19	-2	72	0	4	17
Upper Egypt	FAIYÛM	01	8	32	2	1	3	8	13.6	-0.2	22.8	31	-2	18	-1	76	0	8	8
	MINYA	00	9	32	3	0	0	—	13.2	+0.1	24.0	31	-2	20	+1	75	0	tr	—
	ASYÛT	00	7	28	2	0	0	—			23.9	31	-2	19	-2	63	0	0	4
	NAG'HAMÂDI	00	8	24	1	0	0	—	11.5	+0.4	25.8	33	—	21	—	59	0	0	—
	QENA	00	7	24	2	0	0	—	10.7	-0.3	25.4	36	-1	22	0	58	0	tr	—
	LUXOR	00	9	20	2	0	0	—	11.0	+0.2	30.0	38	-1	22	+1	39	0	tr	—
	ASWÂN	00	9	32	2	0	0	—	11.0	+0.8	27.0	39	0	22	-2	36	0	tr	—
Western Desert	SÎWA	00	7	00	0	0	0	—	16.3	+0.7	23.2	33	-2	17	-1	73	0	2	8
	BAHARÎYA	00	8	32	2	0	0	—	13.6	-0.9	—	32	-1	17	-1	66	0	tr	7
	KHÂRGA	00	9	00	0	0	0	—	—	—	24.1	35	-1	21	0	48	0	tr	—
	DÂKHLA																0	tr	—
Red Sea	TÔR	00	7	04	1	0	0	—	9.5	-0.7	27.1	32	+1	19	-3	64	0	2	13
	HURGHÂDA	00	8	30	5	0	0	—	9.0	-1.5	25.9	32	0	22	+1	79	0	tr	3
	QUSEIR	00	8	32	2	0	0	—	9.2	-1.0	29.4	31	-1	25	0	46	0	tr	4
	PORT SÛDÂN	01	8	00	0	1	3	1	8		33			25		44	0	157	106
North Sûdân	WÂDI HALFA	00	8	02	3	0	0	—	12		27			22		33	0	tr	—
	KAREIMA	01	8	04	3	1	4	4,1	9		32			26		18	0	8	27
	'ATBARA	01	8	20	2	0	3	2	7		31			26		31	0	55	68
	KHARTÛM	01	8	16	4	1	5	4	10		30			27		55	0	68	158
	KASSALA																0	245	311
Central Sûdân	WAD MEDANI	02	9	20	3	1	7	4	10		27					70	0	238	381
	RENK	00	9	20	3	0	0	—	12		26		—		—	84	—	—	493
	ROSEIRES	01	8	12	1	1	3	4	11		24					94	2	830	791
	EL OBEID	01	9	28	3	1	4	4,2	10		26			22		70	0	474	351
	EL FÂSHER								—	—							0	142	306
	GENEINA								—	—			—		—	—	—	—	553
	KADUGLI	01	8	12	2	1	3		11		26		—		—	74	—	—	702
S. Sûdân	MALAKÂL																0	791	791
	WÂU	00	8	00	0	0	0	—	—		23			19		89	2	1259	1051
	JUBA																6	1090	928

UPPER WINDS ON 20th (الرياح العليا يوم ٢٠)

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT 7h.	LUXOR	ASWÂN 7h.	WÂDI HALFA 7h.	ABU HAMAD 7h.	KAREIMA 7h. 15m.	KHARTÛM 6h. 30m.
					02 34 15		02 36 10	03 02 25	06 07 45	03 03 10	06 14 25
					05 35 35		05 35 20	06 01 45	09 19 40	06 04 35	09 25 20
					10 33 30		10 34 05	09 02 25	15 12 50	09 06 50	12 31 15
					15 34 25		15 25 20	15 33 20	21 15 15	15 06 40	24 02 20
							20 28 15	21 19 20	30 15 60	21 07 40	30 05 25
							25 29 15	30 31 40	33 16 65	30 36 05	45 07 45
								39 32 30	39 18 80		
								45 33 20			

KASSALA	PORT SÛDÂN 7h.	EL OBEID 7h.	EL FÂSHER	GENEINA	MALAKAL
	03 20 15	06 25 15			
	06 29 15	09 25 10			
	09 29 15	18 06 05			
	15 24 10				
	21 11 20				

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			

CYPRUS SYNOPTIC 8h ON 20th

38700 00990 00000 13221 60300 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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	
Cumulo-nimbus	
Stratus	

CAIRO
Time of Sunrise h. 6 m. 23
Sunset 17 54

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1947 — ١٩٤٧ شهر سبتمبر

1417 F.C.

At 14h. on Saturday 20th — الساعة ١٤ يوم ٢٠/٩ — At 20h. on 20th — الساعة ٢٠ يوم السبت ٢٠

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 hr. 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 hr. mms	STATION NUMBER
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	32	3	0	0	—	14.0	27.6	70	0	00	8	32	1	0	2	8	14.2	25.2	77	0	131
MARIUT	00	7	30	3	0	3	8	13	27	55	0	01	7	29	2	1	4	6	13	24	69	0	150
ALEXANDRIA	01	9	28	4	2	4	8	13.4	27.8	54	0	01	6	04	2	2	4	4	14.4	24.0	60	0	132
DAMIETTA	01	8	28	3	1	4	8	12.3	26.7	60	0	01	7	28	1	1	3	8	12.6	23.4	72	0	159
PORT SA'ÎD	01	8	30	3	0	4	8	12.7	29.1	56	0	01	8	30	2	0	4	8	13.1	24.0	69	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	11.9	28.7	68	0	00	9	28	3	0	0	—	11.8	25.9	78	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	32	3	1	3	8	13.1	30.2	42	0	00	7	32	2	1	0	—	13.5	23.3	78	0	136
MANSÛRA	01	8	32	2	1	3	8	12.6	29.8	43	0	01	6	32	2	1	3	8	13.4	23.4	68	0	137
TANTA	01	8	00	0	1	4	8	12.8	30.0	44	0	00	8	00	0	1	0	—	13.9	21.5	78	0	138
ZAGAZIG	00	6	24	4	0	0	—	11.6	30.0	53	0	00	6	24	2	0	0	—	12.6	22.0	77	0	139
SHEBÎN EL KÔM	01	8	30	3	1	3	8	12.8	31.8	41	0	00	7	30	2	0	0	—	13.2	21.7	59	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	7	30	3	1	2	8	11.9	29.9	60	0	00	7	01	3	0	0	—	12.4	25.5	70	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	2	8	12.0	30.1	47	0	00	7	02	3	0	0	—	12.7	24.3	63	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	12.2	29.6	48	0	00	7	02	2	0	0	—	13.1	25.0	60	0	—
HELWÂN	00	7	30	4	0	0	—	11.6	29.0	40	0	00	7	32	4	0	0	—	12.3	25.6	49	0	143
SUEZ	00	9	32	1	0	0	—		30.0	41	0	00	9	02	1	0	0	—		25.6	59	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	3	0	0	—	11.1	29.8	48	0	00	8	02	1	0	0	—	11.8	25.1	68	0	153
MINYA	00	9	04	4	0	0	—	12.4	30.4	45	0	00	9	32	1	0	0	—	11.5	25.6	50	0	154
ASYÛT	00	8	28	2	0	0	—	11.4	30.0	28	0	00	6	22	1	0	0	—	11.6	26.9	48	0	155
NAG' HAMÂDI	00	8	24	2	0	0	—	9.6	31.7	34	0	00	8	32	1	0	0	—	10.6	25.7	61	0	164
QENA	00	9	24	2	0	0	—	7.9	35.0	34	0	00	6	22	3	0	0	—	9.1	27.4	48	0	156
LUXOR	00	9	26	2	0	0	—	9.0	36.0	31	0	00	8	02	2	0	0	—	9.6	29.0	40	0	157
ASWÂN	00	9	28	1	0	0	—	8.2	34.8	23	0	00	9	32	2	0	0	—	9.6	33.0	16?	0	158
WESTERN DESERT																							
SÎWA	00	8	28	2	0	0	—	15.9	31.6	40	0	00		00	0	0	0	—	14.4	27.8	45	0	148
BAHARÎYA	00	8	32	2	0	0	—	12.0	30.0	30	0	00	7	32	1	0	0	—	12.3	27.0	37	0	149
KHÂRGA	00	9	32	1	0	0	—	—	33.0	24	0	00	9	32	1	0	0	—	—	29.6	23	0	151
DAKHLA	00	9	28	2	0	0	—	11.4	31.6	39	0												152
RED SEA																							
TÔR	00	7	28	3	0	0	—	8.8	28.9	65	0	00	7	28	4	0	0	—	13.2	29.2	62	0	145
HURGHÂDA	00	8	32	5	0	0	—	8.5	30.6	65	0	00	8	28	4	0	0	—	8.2	27.7	56	0	146
QUSEIR	00	8	02	3	0	0	—	8.7	29.2	76	0	00	8	32	2	0	0	—	8.4	27.8	64	0	147
PORT SÛDÂN	00	8	06	3	1	1	1	6	37	40													208
NORTH SÛDÂN																							
WÂDI HALFA	00	7	03	3	0	1	1	8	36	17													165
KAREIMA	01	8	08	4	1	5	1	6	42	08													166
'ATBARA	01	8	18	2	0	4	8	3	42	17													167
KHARTÛM	00	8	18	2	1	2	8,1	4	39	30													209
KASSALA	00	8	20	2	0	2	8	5	36	42													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	20	3	1	3	8	5	37	35													171
RENK																							182
ROSEIRES	01	8	22	1	1	3	5	7	31	66													172
EL OBEID	01	9	20	3	1	4	8,4	5	35	42													174
EL FÂSHER	01	8	12	1	1	3	8,1	—	34	39									—				175
GENEINA	02	8	08	1	1	5	4	—	33	47									—				179
KADUGLI	02	8	12	2	2	6	4	—	29	59													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU	01	8	12	1	1	4	8,4	9	32	52													177
JUBA	01	8	04	2	1	4	8,4,1	8	32	43													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 20th — الرياح العليا يوم ٢٠

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL h. m.	JUBA h. m.
							09 25 50	09 04 20	09 23 15	09 18 05	09 17 05		
							15 32 20	15 06 35	15 25 15	15 21 05	15 04 10		
							21 29 35	21 05 30	21 07 15	21 26 05			
							24 27 35	24 05 25	24 06 15	24 26 25			
							30 27 35	22 01 25					
							33 28 40	39 01 15					
							39 30 25	45 22 10					
							45 25 15						
							54 16 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	1947	1946
	21-9	7759	10713
	20-9	7644	10702

STATION	Mean of day: Humidity % on 20th	Humidity Diff from normal	Wet Bulb Temp °C on 20th	Wet Bulb Temp Diff from normal
Alexandria	57	-10	20.2	-1.2
Ezbekîya	63	-1	20.7	-0.4
Gîza	59	-8	20.7	-0.1
Helwân	54	0	19.2	-0.1

GÎZA — GRASS MINIMUM TEMP ON 19th 12.6 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.94	+0.14
Nasser				10.75	+0.43
Malakâl	9	12.27	+0.13	12.26	+0.13
J. Aulia Res.				377.21	—
J. Aulia D.S				374.89	-0.30
Roseires		18.90	+0.66	19.15	+0.87
Sennar Res.				17.21	—
Khartûm		15.46	+0.07	15.36	-0.26
Kh. el Girba				13.26	+0.14
'Atbara		4.66	+0.43	14.73	+0.05
Kajnarti	21	941.28	+0.05	941.41	+0.14
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.92	0.00	92.03	+0.07
Roda (Cairo)		19.30	+0.60	19.35	+0.70

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

At 8h. on Sunday 21st — الساعة ٨ يوم الأحد ٢١

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. CAR PRESSURE M.S.L. 1000+ mbs. PPP	8h. CAR 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	Total From Oct 1 mms.	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM													—	—				100
MATRÛH	01	9	26	1	0	3	8	15.4	+0.8	23.8	28	0	21	0	73	0	53	161
MARIUT	01	7	29	1	0	4	6	14		25	28	—	—		65	0	139	138
ALEXANDRIA	01	9	32	3	2	4	4	13.4	-0.9	25.2	30	0	23	+1	57	0	106	137
DAMIETTA	01	8	30	3	1	3	6	13.2	-0.3	25.0	27	—	21	—	60	0	32	108
PORT SA'ÎD	01	8	30	2	1	4	6	13.6	+1.0	26.8	28	0	23	0	56	0	32	81
EL 'ARÎSH	02	9	22	1	2	6	6	14.0	+0.6	25.4	29	0	21	+2	76	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	7	04	4	1	4	8	14.2	0.0	24.3	30	-1	19	0	72	0	84	101
MANSÛRA	01	8	02	1	1	3	6	14.2	+0.4	25.5	31	-2	20	+1	57	0	15	55
TANTA	01	8	00	0	1	4	8	15.1	+0.9	23.0	30	-2	16	-1	83	0	8	44
ZAGAZIG	00	6	32	2	0	0	—	13.8	-0.4	25.4	33	+1	17	0	62	0	24	27
SHEBÎN EL KÔM	01	8	28	2	1	3	8	14.6	+0.5	23.8	32	—	18	—	67	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	02	2	0	3	6	13.9	0.0	23.2	31	—	19	—	72	0	14	—
CAIRO EZBEKÎYA	05	6	02	2	1	4	8	14.2	+0.4	23.0	31	-1	19	-1	65	0	13	26
CAIRO GÎZA	01	6	04	2	1	4	8	14.3	+0.4	24.7	30	-1	16	-1	55	0	20	27
HELWÂN	00	7	32	4	0	0	—	14.0	+0.3	22.7	30	-2	18	-2	58	0	5	29
SUEZ	00	9	32	1	0	0	—			24.0	32	-1	19	-2	64	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	3	0	0	—	14.3	+0.4	22.8	30	-2	17	-2	67	0	8	8
MINYA	00	9	32	3	0	0	—	14.2	+1.0	23.2	31	-1	18	-1	65	0	dr	—
ASYÛT	00	7	22	1	0	0	—	13.4	+0.8	23.5	31	-2	20	0	63	0	0	4
NAG' HAMÂDI	00	8	32	2	0	0	—	12.6	+1.4	26.0	32	—	22	—	53	0	0	—
QENA	00	7	22	2	0	0	—	11.4	+0.3	25.1	36	-1	22	+1	62	0	dr	—
LUXOR	00	9	12	2	0	0	—	11.8	+0.9	28.5	38	-1	21	0	52	0	dr	—
ASWÂN	00	9	32	1	0	0	—	11.8	+1.5	26.0	37	-2	22	-2	45	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.1	+1.4	22.8	33	-2	17	0	76	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	15.0	+0.4	23.0	31	-2	17	-1	66	0	dr	7
KHÂRGA	00	9	32	2	0	0	—	—	—	23.8	33	-3	19	-2	53	0	dr	—
DAKHLA	00	8	28	1	0	0	—	14.6	+1.7	24.0	33	-3	19	-1	54	0	dr	—
RED SEA																		
TÔR	00	7	32	1	0	0	—	9.2	-1.1	25.3	30	-1	20	-2	62	0	2	13
HURGHÂDA	00	8	30	5	0	0	—	9.9	-0.7	26.4	32	0	24	+2	75	0	dr	3
QUSEIR	00	8	30	2	0	0	—	9.8	-0.5	28.7	31	-1	25	0	55	0	dr	4
PORT SÛDÂN	00	8	28	2	0	0	—	9		33			27		50	0	157	106
NORTH SÛDÂN																		
WÂDI HALFA																	dr	—
KAREIMA	01	8	04	5	1	4	2	10		30			27		24	0	8	27
'ATBARA	01	7	02	3	0	4	1	8		31			27		31	0	55	68
KHARTÛM	25	8	14	2	1	6	6,4	9		27					74	2	70	189
KASSALA	01	8	18	3	0	4	6,4	10		28			24		70	0	285	313
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	18	3	1	7		11		27					70	0	238	383
RENK	00	9	20	3	0	0	—	12		26		—		—	84	—	—	496
ROSEIRES	01	8	18	1	1	3	5	12		23					94	1	831	793
EL OBEID	02	9	22	3	1	8	8,4	10		28			23		66	0	474	353
EL FÂSHER	02	8	32	2	1	8	4	—	—	26			22		55	0	142	307
GENEINA	12	8	00	0	1	7	4,2	—	—	19		—	17	—	95	—	—	555
KADUGLI	01	8	28	1	1	4	1	11		23		—		—	95	—	—	706
S. SÛDÂN																		
MALAKÂL																0	791	795
WÂU	01	8	24	1	1	4	1	11		26			22		55	0	1259	1056
JUBA																0	1090	931

Upper Winds are in the Code HHDDVV where HH is Height 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

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

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. 30 m.	EL FÂSHER 7 h. m.	GENEINA 7 h. 15 m.	MALAKAL h. m.
		06 35 20	09 06 20	09 02 05	
		09 26 25	15 05 20	15 00 00	
		15 27 30	18 06 15	21 05 30	
		21 08 15	24 07 15	24 07 35	
		24 36 20	30 08 35	30 09 25	
		27 02 20	33 01 40	33 10 35	
		30 05 20	39 08 60	39 13 25	
		33 07 25	45 08 60		
		39 08 35			

CYPRUS SYNOPTIC 8h ON 21st

36702 20900 00000 12241 80106 00170
34850 09842 12102 12221 90403 00160

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON

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

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise h. 05 m. 43
Sunset h. 17 m. 53

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧ — 1417 F.G.

At 14h. on Sunday 21st — الساعة ١٤ يوم الأحد ٢١/٩

	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	28	2	0	3	8	15.5	26.6	71	0	131
	MARIUT	01	7	30	3	0	3	6	14	27	58	0	150
	ALEXANDRIA	01	9	28	2	2	4	4	14.0	27.8	56	10	132
	DAMIETTA	01	8	28	4	1	3	8	13.0	26.2	58	0	159
	PORT SA'ID	00	8	30	3	0	3	6	13.1	28.6	53	0	134
	EL 'ARÎSH	00	9	32	3	1	3	8	12.2	27.4	72	0	135
LOWER EGYPT	DAMANHÛR	01	7	32	4	1	3	8	13.5	27.3	50	0	136
	MANSÛRA	00	8	02	1	0	0	—	12.2	29.0	43	0	137
	TANTA	01	8	32	2	1	4	8	13.1	30.0	41	0	138
	ZAGAZIG	00	6	32	2	0	0	—	12.6	30.8	45	0	139
	SHEBÎN EL KÔM	00	8	28	3	1	1	8	13.2	30.9	42	0	
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	32	2	0	0	—	12.3	29.7	55	0	141
	CAIRO EZBEKÎYA	00	8	32	2	0	0	—	12.6	29.8	45	0	—
	CAIRO GÎZA	00	8	30	2	0	0	—	13.0	29.0	47	0	—
	HELWÂN	00	7	30	3	0	0	—	12.9	29.2	47	0	143
	SUEZ												144
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	11.8	29.5	46	0	153
	MINYA	00	9	04	3	0	0	—	12.2	29.7	40	0	154
	ASYÛT	00	8	28	1	0	0	—	11.6	29.1	36	0	155
	NAG' HAMÂDI	00	8	26	2	0	0	—	9.8	31.3	39	0	164
	QENA	00	9	22	2	0	0	—	7.9	34.4	35	0	156
	LUXOR	00	9	02	2	0	0	—	9.4	37.0	30	0	157
	ASWÂN	00	9	32	1	0	0	—	8.2	35.0	24	0	158
WESTERN DESERT	SÎWA	00	8	28	2	0	0	—	16.7	31.8	29	0	148
	BAHARÎYA	00	8	32	2	0	0	—	12.8	30.0	36	0	149
	KHÂRGA	00	9	30	2	0	0	—	—	32.2	26	0	151
	DAKHLA	00	9	28	2	0	0	—	11.9	31.3	42	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	10.8	28.1	61	0	145
	HURGHÂDA	00	8	32	4	0	0	—	9.2	29.9	54	0	146
	QUSEIR	00	8	32	2	0	0	—	9.2	30.0	69	0	147
	PORT SÛDÂN	00	8	02	4	0	0	—	6	32	37		208
NORTH SÛDÂN	WÂDI HALFA	00	7	22	4	0	0	—	9	35	18		165
	KAREIMA	01	8	02	3	1	4	1	7	40	11		166
	'ATBARA	01	7	04	4	1	4	8	3	42	18		167
	KHARTÛM	02	7	26	2	2	6	8	5	38	33		209
	KASSALA	01	8	00	0	0	4	8	4	36	42		170
CENTRAL SÛDÂN	WAD MEDANI	01	8	20	3	1	4	8	4	37	35		171
	RENK	01	9	20	1	1	5	8	6	32	47		182
	ROSEIRES												172
	EL OBEID	02	9	24	3	1	7	8,4	6	34	36		174
	EL FÂSHER	02	8	02	3	1	5	4,1	—	35	22		175
	GENEINA	01	8	16	1	1	4	2	—	32	46		179
	KADUGLI	02	9	28	2	1	5	4	8	33	47		187
S. SÛDÂN	MALAKÂL												176
	WÂU	02	8	24	2	1	6	8	7	33	47		177
	JUBA												178

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	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 h. mms	STATION NUMBER
MEDITERRANEAN	SALÛM												130
	MATRÛH	00	8	30	2	0	0	—	15.2	25.2	81	0	131
	MARIUT	01	7	30	3	1	4	6	14	24	69	0	150
	ALEXANDRIA	01	6	30	3	2	3	4	15.5	24.0	67	0	132
	DAMIETTA	01	8	28	3	1	3	8	14.0	23.8	67	0	159
	PORT SA'ID	01	8	30	3	1	4	8	14.4	24.2	68	0	134
	EL 'ARÎSH	02	9	28	3	2	5	9	13.9	26.1	73	0	135
LOWER EGYPT	DAMANHÛR	01	7	32	3	1	4	8	14.8	22.0	78	0	136
	MANSÛRA	01	6	32	1	1	3	8	14.4	22.8	73	0	137
	TANTA	00	8	00	0	0	0	—	15.2	22.0	74	0	138
	ZAGAZIG	00	6	32	2	0	0	—	14.0	25.4	72	0	139
	SHEBÎN EL KÔM	00	7	28	2	0	0	—	13.9	21.7	81	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	7	32	3	0	0	—	14.4	24.4	74	0	141
	CAIRO EZBEKÎYA	00	7	32	3	0	0	—	14.6	24.2	62	0	—
	CAIRO GÎZA	00	7	30	2	0	0	—	14.6	24.0	62	0	—
	HELWÂN	00	7	32	5	0	0	—	14.2	24.6	54	0	143
	SUEZ	00	9	32	1	0	0	—	—	25.2	58	0	144
UPPER EGYPT	FAIYÛM	00	8	02	1	0	0	—	13.5	25.4	66	0	153
	MINYA	00	9	28	2	0	0	—	12.7	26.6	48	0	154
	ASYÛT												155
	NAG' HAMÂDI	00	8	00	0	0	0	—	10.7	25.6	36	0	164
	QENA	00	6	34	2	0	0	—	9.0	27.4	48	0	156
	LUXOR	00	8	10	1	0	0	—	9.5	29.0	40	0	157
	ASWÂN	00	9	32	2	0	0	—	9.8	32.0	24	0	158
WESTERN DESERT	SÎWA	00		00	0	0	0	—	15.0	27.7	63	0	148
	BAHARÎYA	00	7	32	1	0	0	—	13.1	26.5	40	0	149
	KHÂRGA	00	9	32	3	0	0	—	—	28.6	43	0	151
	DAKHLA	00	8	28	1	0	0	—	12.3	28.2	43	0	152
RED SEA	TÔR	00	7	28	5	0	0	—	7.9	29.8	61	0	145
	HURGHÂDA	00	8	28	4	0	0	—	8.8	27.7	54	0	146
	QUSEIR	00	8	32	2	0	0	—	9.0	27.8	86	0	147
	PORT SÛDÂN												208
NORTH SÛDÂN	WÂDI HALFA												165
	KAREIMA												166
	'ATBARA												167
	KHARTÛM												209
	KASSALA												170
CENTRAL SÛDÂN	WAD MEDANI												171
	RENK												182
	ROSEIRES												172
	EL OBEID												174
	EL FÂSHER												175
	GENEINA												179
	KADUGLI												187
S. SÛDÂN	MALAKÂL												176
	WÂU												177
	JUBA												178

UPPER WINDS ON 21st — الرياح العليا يوم ٢١

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

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	13 h. m.	12 h.45 m.	13 h. m.	h. m.	h. m.
								03 35 25	06 25 02	09 24 25	03 04 25		
								06 34 25	09 35 10	15 25 15	09 07 25		
								09 31 30	12 01 05	21 30 20	15 29 25		
								15 29 25	15 01 10	27 34 30	21 31 35		
								21 32 25	21 02 10				

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

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

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	6 h.45 m.	7 h.45 m.	h. m.
03 32 15					03 32 15				06 04 35	03 36 20	
06 32 20					05 35 45				09 05 35	06 01 50	
09 33 20					10 01 60				15 08 35	09 02 40	
15 34 15					15 02 65				21 13 25	15 02 20	
									30 12 20	21 33 10	
									39 05 05	30 02 05	
									45 30 05	39 08 05	
									60 10 05		

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h.45 m.	7 h. m.	7 h.15 m.	7 h. m.	7 h. m.	h. m.
06 21 20	03 35 15	06 25 20	09 16 10	09 03 25	
09 21 25	06 01 20	09 29 20	15 13 15	15 08 25	
15 22 30	09 02 40	15 01 20	21 09 20	21 07 40	
21 23 15	15 04 25	21 05 25		28 07 40	
	21 05 30			39 06 25	
	30 05 15				
	39 12 10				
	45 17 20				

UPPER AIR TEMP — ALMÂZA

AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 22nd

24710 00981 00001 13231 60107 00170.
24810 00851 19101 13221 70101 00170.

At 8h. on Monday 22nd — الساعة ٨ يوم الاثنين 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.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN	SALÛM													—	—				100
	MATRÛH	01	9	00	0	1	3	8	15.8	+1.1	23.0	27	-1	20	-1	74	0	55	161
	MARIUT	01	7	32	2	1	4	6	15		27		—	17	—	55	0	139	138
	ALEXANDRIA	01	7	04	2	2	4	8	15.4	+1.0	26.0	29	-1	23	+1	65	0	106	187
	DAMIETTA	01	8	28	3	1	3	8	14.0	+0.4	25.0	27	—	21	—	64	0	32	106
	PORT SA'ID	01	8	30	3	1	4	8	14.3	+1.6	26.6	30	0	23	+1	58	0	32	81
	EL 'ARÎSH	00	9	22	2	1	3	8	15.4	+1.9	26.9	28	-1	21	+2	65	0	47	94
LOWER EGYPT	DAMANHÛR	01	6	04	2	1	3	8	15.1	+0.8	24.0	28	-3	19	0	71	0	84	101
	MANSÛRA	01	8	02	1	1	3	6	14.8	+0.8	24.8	31	-1	19	0	64	0	15	55
	TANTA	00	8	00	0	0	0	—	15.4	+1.1	23.5	30	-2	16	-1	79	0	8	44
	ZAGAZIG	00	6	32	2	0	0	—	15.0	+0.7	23.2	32	0	17	0	75	0	24	27
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	15.5	+1.3	24.9	32	—	18	—	63	0	9	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	04	2	1	2	8	15.0	+1.1	22.0	30	—	19	—	80	0	14	—
	CAIRO EZBEKÎYA	05	6	02	3	1	4	8	15.2	+1.2	22.3	31	-1	19	-1	73	0	13	26
	CAIRO GÎZA	00	7	30	2	0	0	—	15.0	+1.0	25.0	30	-1	16	-1	62	0	20	27
	HELWÂN	00	7	32	3	0	2	6	15.1	+1.3	22.5	30	-2	18	-2	67	0	5	29
	SUEZ	00	9	32	1	0	0	—			24.2	31	-2	18	-3	65	0	4	17
UPPER EGYPT	FAIYÛM	00	8	02	2	0	0	—	15.2	+1.2	23.0	30	-3	18	-1	66	0	8	8
	MINYA	00	9	32	3	0	0	—	14.4	+1.1	23.5	30	-2	20	+1	71	0	dr	—
	ASYÛT	00	7	28	2	0	0	—	13.9	+1.2	24.9	31	-2	19	-1	67	0	0	4
	NAG' HAMÂDI	00	8	32	1	0	0	—	12.0	+0.7	25.8	32	—	20	—	61	0	0	—
	QENA	00	7	24	2	0	0	—	10.8	-0.5	25.0	35	-2	22	+1	61	0	dr	—
	LUXOR	00	9	08	1	0	0	—	11.0	0.0	27.5	38	-1	19	-2	57	0	dr	—
	ASWÂN	00	9	02	1	0	0	—	10.6	+0.2	26.0	37	-2	21	-3	41	0	dr	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	17.1	+1.3	23.6	33	-2	17	0	78	0	2	8
	BAHARÎYA	00	8	00	0	0	0	—	14.8	+0.1	22.0	31	-2	17	-1	66	0	dr	7
	KHÂRGA	00	9	32	3	0	0	—	—	—	23.7	33	-3	21	0	47	0	dr	—
	DAKHLA	00	8	28	1	0	0	—	14.3	+1.3	23.1	32	-4	20	0	68	0	dr	—
RED SEA	TÔR	00	7	28	3	0	0	—	—	—	26.1	30	-1	20	-2	63	0	2	13
	HURGHÂDA	00	8	30	5	0	0	—	10.4	-0.3	25.1	31	-1	23	+1	62	0	dr	3
	QUSEIR	00	8	32	3	0	0	—	10.2	-0.2	27.4	31	-1	25	0	64	0	dr	4
	PORT SÛDÂN	00	8	00	0	0	3	1	8		31			24		66	0	157	106
NORTH SÛDÂN	WÂDI HALFA																0	tr	—
	KAREIMA	18	6	02	5	0	0	—	10		29			24		19	0	8	27
	'ATBARA	01	7	28	2	1	4	1	7		29			24		31	0	55	68
	KHARTÛM	02	7	32	3	2	6	2	8		31			27		24	0	70	160
	KASSALA	01	8	20	2	1	4	4,2	10		27			22		70	0	245	314
CENTRAL SÛDÂN	WAD MEDANI	02	9	08	3	1	7	4	9		25					79	0	238	385
	RENK	00	9	20	2	0	0	—	9		26		—		—	94	—	—	499
	ROSEIRES	01	8	20	1	2	3	4	9		23					89	0	831	795
	EL OBEID	01	9	26	3	1	4	4	9		27			22		58	0	474	255
	EL FÂSHER	02	8	00	0	1	6	4,2	—	—	23			20		84	0	142	367
	GENEINA	01	8	04	2	0	5	4	—	—	18		—	16	—	83	—	—	557
	KADUGLI	01	8	28	2	1	3	1	10		24		—		—	84	—	—	711
S. SÛDÂN	MALAKÂL																0	791	799
	WÂU	02	8	00	0	1	8	6,4	11		23			21		89	1	1260	1061
	JUBA																0	1090	935

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	1947	1946
	22-9	7590	10459
	21-9	7759	10713

STATION	Mean of day: Humidity % on 21st	Humidity Diff. from normal	Wet Bulb Temp °C on 21st	Wet Bulb Diff. from normal
Alexandria	60	-7	20.4	-1.0
Ezbekiya	58	-6	19.9	-1.1
Giza	54	-13	19.8	-0.7
Helwân	52	-2	18.7	-0.5

GÎZA — GRASS MINIMUM TEMP. ON 22nd 12.1 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser				10.75	+0.42
Malakâl	9	12.27	+0.12	12.27	+0.12
J. Aulia Res.				277.19	—
J. Aulia D.S				275.08	-0.09
Roseires		18.86	+0.68	18.70	+0.66
Sennar Res.				17.22	—
Khartûm		15.54	+0.18	15.46	+0.07
Kh. el Girba				13.38	+0.33
'Atbara		14.66	+0.08	14.66	+0.03
Kajnarti		141.10	-0.08	141.28	+0.05
Aswân Res.	22	98.50	—	98.50	—
Aswân D.S		91.81	-0.08	91.93	0.04
Roda (Cairo)		19.10	+0.46	19.24	+0.60

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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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

DAILY WEATHER REPORT

Time of Sunrise 05 h. 42 m. · Sunset 17 h. 52 m.

Month September 1947 — ١٩٤٧ شهر سبتمبر

At 14h. on Monday 22nd — الساعة ١٤ يوم ٢٢

Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14h. mms
Mediterranean											
Salûm											
Matrûh	00	9	30	2	0	0	—	15.1	26.9	78	0
Mariut	00	7	30	2	0	0	—	15	28	55	0
Alexandria	01	9	32	4	2	3	8	14.7	27.2	55	0
Damietta	01	8	28	3	1	4	6	13.9	26.0	62	0
Port Saʿîd	01	8	30	4	1	3	8	14.0	28.7	55	0
El ʿArîsh	00	9	30	3	0	2	8	13.4	26.8	70	0
Lower Egypt											
Damanhûr	01	7	32	3	1	3	8	14.6	29.7	44	0
Manṣûra	01	8	32	2	1	4	8	14.3	30.0	41	0
Ṭanṭa	01	8	32	3	1	4	8	14.2	30.0	41	0
Zagazig	00	6	32	3	0	0	—	14.3	30.0	47	0
Shebîn el Kôm	01	8	02	3	1	4	8	14.2	29.6	43	0
Middle Egypt											
Cairo: Almâza	00	8	02	4	0	1	8	13	29	59	0
Cairo: Ezbekîya	00	8	02	2	1	3	8	13.1	29.8	43	0
Cairo: Gîza	01	8	02	2	1	3	8	13.2	29.4	48	0
Ḥelwân	00	9	32	4	0	0	—	12.7	29.6	34	0
Suez	00	9	32	1	0	0	—		29.8	39	0
Upper Egypt											
Faiyûm	00	8	32	3	0	0	—	12.4	30.0	36	0
Minya	00	8	32	4	0	0	—	12.3	29.5	43	0
Asyûṭ	00	8	30	2	0	0	—	11.2	30.6	28	0
Nagʿ Hamâdi	00	8	24	1	0	0	—	8.8	32.0	45	0
Qena	00	9	24	2	0	0	—	7.8	34.3	45	0
Luxor	00	9	10	2	0	0	—	8.3	37.0	35	0
Aswân	00	9	28	1	0	0	—	6.8	37.0	19	0
Western Desert											
Sîwa	00	8	28	3	0	0	—	16.6	31.8	29	0
Baharîya	00	8	32	1	0	0	—	13.5	30.0	36	0
Khârga	00	9	32	3	0	0	—		33.3	15	0
Dakhla	00	9	28	2	0	0	—	11.2	31.1	41	0
Red Sea											
Ṭôr	00	7	28	5	0	0	—	10.8	28.5	60	0
Hurghâda	00	8	32	5	0	0	—	9.7	29.2	56	0
Quṣeir	00	8	32	2	0	0	—	9.5	29.7	66	0
Port Sûdân	00	7	04	3	0	0	—	5	34	56	
North Sûdân											
Wâdi Ḥalfa	00	8	32	3	1	3	1	4	38	11	
Kareima											
ʿAtbara	01	8	08	2	1	3		2	40	12	
Khartûm	01	8	02	4	2	4	8,2	2	39	20	
Kassala	01	8	00	0	1	4	8	3	41	28	
Central Sûdân											
Wad Medani	00	7	04	3	0	0	—	2	41	26	
Renk	01	8	28	2	1	4	1	6	38	33	
Roseires											
El Obeid	01	9	04	3	1	5	4,2	1	35	25	
El Fâsher	01	8	32	3	1	4	1	—	34	19	
Geneina	01	8	08	3	1	5	8,1	—	33	32	
Kadugli	01	8	28	2	1	5	1	6	32	29	
S. Sûdân											
Malakâl	01	8	16	2	1	4	8,1	5	33	56	
Wâu											
Juba	03	8	12	2	1	8	4,2	2	—	84	

At 20h. on 22nd — الساعة ٢٠ يوم الاثنين ٢٢

Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20h. mms	Station Number
Salûm												130
Matrûh	00	9	32	1	0	0	—	15.1	24.9	83	0	131
Mariut	00	7	00	0	0	3	6	15	23	78	0	150
Alexandria	01	6	08	2	2	4	4	15.9	24.2	74	0	132
Damietta	01	7	28	2	1	3	8	14.7	23.4	72	0	159
Port Saʿîd	01	8	30	2	1	3	8	15.5	24.2	69	0	134
El ʿArîsh	00	9	28	1	0	2	8	12.7	25.3	76	0	135
Damanhûr	00	7	32	2	1	0	—	14.8	23.2	78	0	136
Manṣûra	00	6	02	2	1	0	—	15.5	22.6	69	0	137
Ṭanṭa	00	8	00	0	0	0	0	15.6	22.5	82	0	138
Zagazig	00	6	32	2	0	0	—	16.0	22.2	81	0	139
Shebîn el Kôm	00	7	02	2	0	0	—	15.1	22.4	76	0	—
Cairo: Almâza	00	7	02	4	0	0	—	15	25	61	0	141
Cairo: Ezbekîya	00	7	02	4	0	0	—	15.1	23.7	67	0	—
Cairo: Gîza	00	7	02	3	0	0	—	14.7	24.6	66	0	—
Ḥelwân	00	7	32	3	0	0	—	14.7	25.0	55	0	143
Suez	00	9	32	1	0	0	—		25.0	61	0	144
Faiyûm	00	8	02	2	0	0	—	13.6	25.8	49	0	153
Minya	00	9	32	3	0	0	—	13.4	26.6	50	0	154
Asyûṭ	00	6	24	1	0	0	—	12.3	26.5	42	0	155
Nagʿ Hamâdi	00	8	00	0	0	0	—	10.2	25.2	62	0	164
Qena	00	6	24	2	0	0	—	8.7	29.0	41	0	156
Luxor	00	8	24	2	0	0	—	8.4	30.0	36	0	157
Aswân	00	9	32	1	0	0	—	8.3	34.0	20	0	158
Sîwa	00		00	0	0	0	—	15.0	28.3	32	0	148
Baharîya	00	7	00	0	0	0	—	13.1	26.9	44	0	149
Khârga	00	9	32	1	0	0	—		28.2	28	0	151
Dakhla	00	8	28	1	0	0	—	11.5	28.9	47	0	152
Ṭôr	00	7	28	4	0	0	—	9.7	28.8	61	0	145
Hurghâda	00	8	28	4	0	0	—	9.8	27.7	44	0	146
Quṣeir	00	8	32	3	0	0	—	9.4	27.7	79	0	147
Port Sûdân												208
Wâdi Ḥalfa												165
Kareima												166
ʿAtbara												167
Khartûm												209
Kassala												170
Wad Medani												171
Renk												182
Roseires												172
El Obeid												174
El Fâsher								—				175
Geneina								—				179
Kadugli												187
Malakâl												176
Wâu												177
Juba												173

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 Saʿîd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa h. m.	Kareima h. m.	Khartûm h. m.	Kassala 12 h. 30 m.	El Obeid 13 h. 30 m.	Malakal h. m.	Juba 13 h. m.
										06 17 10	03 02 15		03 20 25
										09 17 05	09 04 25		09 19 25
										15 21 15	15 02 25		15 20 25
										21 26 20			

Remarks

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

Station	Mean of day: Humidity % on 22nd	Diff from normal	Wet bulb temp °C on 22nd	Diff from normal
Alexandria	68	+1	21.0	-0.3
Ezbekîya	64	-1	20.1	-0.9
Gîza	59	-8	20.7	0.0
Helwân	57	+3	19.1	-0.1

GÎZA — Grass minimum temp on 23rd 11.6 °C

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

Discharges at Aswân measured by sluices m³ per sec. Date	1947	1946
23.9	7421	10084
22.9	7590	10459

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				10.76	+0.41
Malakâl		12.27	+0.12	12.27	+0.12
J. Aulia Res.				377.20	—
J. Aulia D.S				375.22	+0.07
Roseires		18.82	+0.70	18.86	+0.08
Sennar Res.				17.22	—
Khartûm		15.54	+0.20	15.54	+0.18
Kh. el Girba				13.32	+0.34
ʿAtbara				14.86	+0.08
Kajnarti		141.15	+0.01	141.10	-0.08
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.73	-0.11	91.81	-0.08
Roda (Cairo)		15.92	+0.30	19.10	+0.46

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

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

Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar pressure M.S.L. 1000+ mbs. (PPP)	Diff from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff. from norm °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
Salûm												—		—				100
Matrûh	00	9	22	1	0	0	—	16.3	+1.5	24.3	27	-1	22	+2	74	0	55	161
Mariut	01	7	00	0	0	3	6	16		26	28	—	19	—	70	0	139	138
Alexandria	01	9	04	1	2	4	4	15.9	+1.4	27.1	30	0	22	0	62	0	106	187
Damietta	01	7	18	1	1	3	8	15.0	+1.3	26.2	27	—	18	—	67	0	32	106
Port Saʿîd	01	8	30	2	1	3	8	15.2	+2.4	26.9	30	0	23	+1	67	0	32	81
El ʿArîsh	00	9	16	1	0	3	8	14.6	+1.0	25.9	28	-1	20	+1	73	0	47	94
Lower Egypt																		
Damanhûr	00	7	32	2	0	0	—	15.9	+1.5	24.6	30	-1	18	-1	72	0	84	101
Manṣûra	01	8	16	1	1	4	8	15.5	+1.4	24.2	31	-1	19	0	70	0	15	55
Ṭanṭa	01	8	00	0	1	5	8	15.6	+1.2	23.0	31	-1	15	-2	83	0	8	44
Zagazig	00	6	32	2	0	0	—	16.2	+1.8	25.0	32	0	18	+1	68	0	24	27
Shebîn el Kôm	01	8	30	2	1	3	8	16.2	+1.9	24.9	32	—	17	—	66	0	9	—
Middle Egypt																		
Cairo: Almaza	00	7	02	2	0	0	—	15		23	30	—	19	—	74	0	14	—
Cairo: Ezbekîya	00	7	02	2	0	2	8	15.4	+1.4	22.1	30	-2	19	0	75	0	13	26
Cairo: Gîza	01	6	00	0	1	3	8	15.5	+1.4	25.2	30	-1	16	-1	66	0	20	27
Ḥelwân	00	7	32	4	0	1	8	15.1	+1.2	23.0	30	-2	20	0	66	0	5	29
Suez	00	9	32	1	0	0	—			23.4	31	-2	19	-2	67	0	4	17
Upper Egypt																		
Faiyûm	00	8	32	3	0	0	—	15.0	+0.8	23.5	30	-3	17	-2	69	0	8	8
Minya	00	9	32	3	0	0	—	14.6	+1.2	23.5	31	-1	20	+1	71	0	dr	—
Asyûṭ	00	7	28	2	0	0	—	13.4	+0.6	22.9	31	-2	20	0	65	0	0	4
Nagʿ Hamâdi	00	8	00	0	0	0	—	11.8	+0.4	25.4	33	—	21	—	62	0	0	—
Qena	00	7	24	2	0	0	—	10.7	-0.4	25.0	35	-2	22	+1	42	0	dr	—
Luxor	00	9	16	2	0	0	—	11.0	-0.1	23.5	38	[illegible]	21	[illegible]	55	0	dr	—
Aswân	00	9	32	1	0	0	—	10.2	-0.3	27.8	39	0	24	+1	39	0	dr	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	16.6	+0.7	23.8	33	-2	17	0	61	0	2	8
Baharîya	00	8	04	2	0	0	—	15.1	+0.3	22.2	31	-2	18	0	64	0	dr	7
Khârga	00	9	32	3	0	0	—			24.6	34	-2	22	+1	48	0	dr	—
Dâkhla	00	8	32	1	0	0	—	14.0	+0.9	27.1	32	-4	21	+1	55	0	dr	—
Red Sea																		
Ṭôr	00	7	28	4	0	0	—	9.9?	-0.6	26.5	30	-1	19?	-3	38	0	2	13
Hurghâda	00	8	30	5	0	0	—	11.1	+0.2	25.6	31	-1	23	+1	63	0	dr	3
Quseir	00	8	32	4	0	0	—	10.4	-0.1	27.4	30	-2	24	-1	65	0	dr	4
Port Sûdân	00	8		3	0	1	8	8		31						0	157	106
North Sûdân																		
Wâdi Ḥalfa	00	8	02	1	0	0	—	11		26					40	0	tr	—
Kareima	00	8	32	2	0	0	—	9		27					19	0	8	27
ʿAṭbara	00	8	18	2	0	3	1	7		31					26	0	55	69
Khartûm																0	70	160
Kassala	02	8	16	3	1	5	4,5	8		27					74	0	245	316
Central Sûdân																		
Wad Medani	00	9	20	3	0	2	2	8								0	238	387
Renk												—		—		—	—	502
Roseires																0	831	797
El Obeid	02	8	26	2	1	7	4	9		26					32	0	474	357
El Fâsher	01	8		1		3		—	—								142	308
Geneina								—	—			—		—		—	—	557
Kadugli												—		—		—	—	715
S. Sûdân																		
Malakâl																0	791	807
Wâu																0	1260	1066
Juba																0	1090	938

UPPER WINDS ON 23rd — الرياح العليا يوم

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

Matrûh h. m.	Mariut h. m.	Port Saʿîd h. m.	Helwân 9 h. 30 m.	Minya h. m.	Asyûṭ 7 h. m.	Luxor h. m.	Aswân 7 h. m.	Wâdi Halfa 7 h. m.	Abu Hamad h. m.	Kareima h. m.	Khartûm h. m.
			02 03 20		02 34 15		02 01 20	03 36 20			
			05 02 20		05 36 30		05 08 30	06 04 20			
			10 04 45		10 33 10		10 12 15	09 05 20			
			15 03 35				15 18 10	15 11 15			
			20 05 45				20 20 10	21 35 20			
			25 20 10				25 23 10	30 17 30			
			30 22 10					39 09 25			
			40 20 20					54 09 30			
			50 21 30					75 08 35			

Kassala h. m.	Port Sûdân h. m.	El Obeid h. m.	El Fâsher 7 h. m.	Geneina h. m.	Malakal h. m.
			09 35 10		
			15 05 15		
			21 32 02		
			30 07 15		
			36 08 20		
			39 01 00		
			57		

Cyprus Synoptic 8h on 23rd

34710 04981 23201 14241 60107 00170

34810 00861 24101 14221 60403 00170

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			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 00
Sunset 17 51

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧

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 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	30	2	0	0	–	15.1	26.6			131
MARIUT	00	9	30	3	1	4	6	15	27	55	0	150
ALEXANDRIA	01	9	02	3	2	4	4	14.9	26.8	57	0	132
DAMIETTA	00	8	30	4	1	3	8	14.2	26.2	60	0	159
PORT SA'ÎD	01	8	30	3	1	3	8	14.2	28.8	57	0	134
EL 'ARÎSH	00	9	32	3	0	0	–	14.8	26.4	75	0	135
LOWER EGYPT												
DAMANHÛR	01	7	04	4	1	5	8	14.6	28.2	55	0	136
MANŞÛRA	01	8	32	2	1	4	8	13.9	27.8	45	0	137
ṬANṬA	01	8	32	2	1	4	8	14.2	30.0	41	0	138
ZAGAZIG	00	6	32	2	0	0	–	13.8	30.0	45	0	139
SHEBÎN EL KÔM	01	8	30	3	1	4	8	13.8	31.1	47	0	—
MIDDLE EGYPT												
CAIRO (ALMÂZA	00	8	01	4	0	3	8	13	30	46	0	141
CAIRO (EZBEKÎYA	01	8	02	2	0	3	8	13.0	29.4	45	0	—
CAIRO (GÎZA	01	8	02	3	1	3	8	13.2	29.0	49	0	—
ḤELWÂN	00	8	32	3	0	0	–	12.2	30.0	36	0	143
SUEZ	00	9	32	1	0	0	–	1[illegible]	30.6	35	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	–	11.8	30.3	32	0	153
MINYA	00	9	04	3	0	0	–	11.4	30.7	33	0	154
ASYÛṬ	00	8	26	1	0	0	–	11.1	32.0	28	0	155
NAG' ḤAMÂDI	00	8	32	1	0	0	–	9.2	33.2	37	0	164
QENA	00	9	24	2	0	0	–	9.9	35.0	34	0	156
LUXOR	00	9	08	2	0	0	–	9.2	38.0	36	0	157
ASWÂN	00	9	28	1	0	0	–		40.2	16	0	158
WESTERN DESERT												
SÎWA	00	8	28	2	0	0	–	15.9	32.8	30	0	148
BAHARÎYA	00	8	04	1	0	0	–	12.6	31.0	32	0	149
KHÂRGA	00	9	30	2	0	0	–		34.8	—	0	151
DAKHLA	00	9	28	2	0	0	–	11.1	32.4	37	0	152
RED SEA												
ṬÔR	00	7	28	5	0	0	–	9.1	28.7	58	0	145
HURGHÂDA	00	8	02	4	0	0	–	8.7	30.1	55	0	146
QUSEIR	00	8	32	3	0	0	–	9.6	30.0	56	0	147
PORT SÛDÂN	00	8	04	3	0	1	8	5	34	53		208
NORTH SÛDÂN												
WÂDI ḤALFA	00	8	02	3	0	2		6	39	16		165
KAREIMA	01	8	32	3	0	4	8,4,1	5	38	15		166
'ATBARA	01	8	32	1	0	4	8,4	2	39	17		167
KHARTÛM	00	8	22	2	1	2	8,4,1	3	39	18		209
KASSALA	01	8	26	1	1	5	8,4,1	3	36	37		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	18	2	0	4	8	2	31	38		171
RENK	01	9	20	3	1	5	1	6	32	67		182
ROSEIRES	01	8	20	1	1	3	4	6	32	59		172
EL OBEID	02	8	26	2	1	8	2	3	36	17		174
EL FÂSHER	01	8	00	0	1	4	1	—	34	16	—	175
GENEINA	01	8	08	1	1	3	1	—	32	29	—	179
KADUGLI	01	8	20	2	1	4	2	7	34	36		187
S. SÛDÂN												
MALAKÂL	10	8	00	0	1	6	4,4,5	6	26?	79		176
WÂU	02	8	16	1	1	5	8,4	5	33	47		177
JUBA	01	8	04	1	1	8	8,4	6	36	42		173

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 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	00	0	0	0	–	15.1	24.9	83	0
MARIUT	00	7	00	0	1	4	6	16	24	74	0
ALEXANDRIA	01	7	00	0	2	3	8	15.9	24.2	71	0
DAMIETTA	00	8	28	1	1	3	8	14.7	23.8	76	0
PORT SA'ÎD	01	8	30	2	1	4	8	13.8	24.5	72	0
EL 'ARÎSH	02	9	28	3	2	5	8	11.5	27.3	66	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	1	0	–	15.5	24.2	76	0
MANŞÛRA	00	6	04	1	1	0	–	15.6	22.8	76	0
ṬANṬA	00	8	00	0	1	0	–	15.9	23.7	78	0
ZAGAZIG	00	6	32	2	0	0	–	15.0	27.0	69	0
SHEBÎN EL KÔM	00	7	30	2	0	0	–	15.6	22.8	74	0
MIDDLE EGYPT											
CAIRO (ALMÂZA	00	7	02	4	0	2	6	14.4	25.1	66	0
CAIRO (EZBEKÎYA	01	7	02	2	0	3	6	14.7	24.2	64	0
CAIRO (GÎZA	01	7	02	3	1	3	8	14.8	24.6	59	0
ḤELWÂN	00	7	02	4	0	0	–	14.3	25.1	54	0
SUEZ	00	9	32	1	0	0	–		25.2	61	0
UPPER EGYPT											
FAIYÛM	00	8	32	3	0	0	–	13.0	26.1	56	0
MINYA	00	9	32	1	0	0	–	12.0	27.0	46	0
ASYÛṬ	00	8	28	1	0	0	–	11.8	27.1	49	0
NAG' ḤAMÂDI	00	8	00	0	0	0	–	10.4	28.6	58	0
QENA	00	6	24	2	0	0	–	9.0	29.4	46	0
LUXOR	00	8	26	2	0	0	–	8.4	30.0	41	0
ASWÂN	00	9	32	1	0	0	–	8.3	34.4	16	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	–	16.2	25.0	47	0
BAHARÎYA	00	7	32	1	0	0	–	18.1	27.0	37	0
KHÂRGA	00	9	32	1	0	0	–		30.0	14?	0
DAKHLA	00	8	28	1	0	0	–	11.6	29.3	44	0
RED SEA											
ṬÔR	00	7	28	3	0	0	–	9.7	28.2	64	0
HURGHÂDA	00	8	30	4	0	0	–	7.8	30.1	56	0
QUSEIR	00	8	30	3	0	0	–	7.4	29.7	48	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 8h. on Wednesday 24th — الساعة ٨ يوم الاربعاء ٢٤

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	CAR PRESSURE M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (ttt)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm °C	MINIMUM Today °C (mm)	MINIMUM Diff. from norm °C	% HUMIDITY (uu)	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				100
MATRÛH	00	9	18	1	0	0	–	15.6	+0.7	25.8	27	-1	19	-1	78	0	55	141
MARIUT	00	7	00	0	0	0	–	16		26	28	—		—	58	0	139	138
ALEXANDRIA	01	9	00	0	2	3	8	15.8	+1.2	25.8	29	-1	21	-1	67	0	106	187
DAMIETTA	01	8	28	1	1	3	8	15.0	+1.2	25.0	27	—	18	—	68	0	32	106
PORT SA'ÎD	01	8	30	2	2	4	8	15.1?	+2.2	26.6	30	0	23	+1	65	0	82	81
EL 'ARÎSH	00	9	14	1	0	2	8	14.7	+1.0	27.2	27	-2	19	0	62	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	04	2	0	0	–	15.6	+1.1	23.0	29	-2	18	0	74	0	84	101
MANŞÛRA	01	8	02	1	1	4	0	15.4	+1.2	24.5	31	-1	20	+1	69	0	15	55
ṬANṬA	00	8	00	0	0		–	16.2?	+1.7	22.8	31	-1	15	-2	78	0	8	44
ZAGAZIG	00	6	32	2	0	0	–	14.6	+0.1	26.0	31	-1	14	-3	62	0	24	27
SHEBÎN EL KÔM	00	8	04	3	0	0	–	15.6	+1.2	24.3	32	—	17	—	69	0	9	—
MIDDLE EGYPT																		
CAIRO (ALMAZA	00	7	04	2	0	0	–	14.8		22.8	30	—	18	—	76	0	14	—
CAIRO (EZBEKÎYA	05	6	06	3	0	0	–	15.1	+1.0	22.3	30	-2	19	0	77	0	13	26
CAIRO (GÎZA	05	6	03	2	0	0	–	15.2	+1.0	25.2	30	-1	16	-1	66	0	20	27
ḤELWÂN	00	7	04	3	0	0	–	14.7	+0.7	23.3	30	-2	20	0	68	0	5	29
SUEZ	00	9	00	0	0	0	–			24.0	32	-1	20	-1	67	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	03	2	0	0	–	14.8	+0.5	23.0	31	-2	18	-1	71	0	8	8
MINYA	00	9	23	2	0	0	–	14.2	+0.6	23.2	31	-1	19	0	73	0	tr	—
ASYÛṬ	00	7	26	1	0	0	–	13.6	+0.7	22.1	32	-1	20	0	72	0	0	4
NAG' ḤAMÂDI	00	8	28	1	0	0	–	11.[illegible]	+0.7	25.8	34	—	21	—	66	0	0	—
QENA	00	7	23	2	0	0	–	11.8	+0.3	25.2	37	0	22	+1	66	0	tr	—
LUXOR	00	9	10	2	0	0	–	11.4	+0.2	28.5	39	—	21	—	53	0	tr	—
ASWÂN	00	9	32	4	0	0	–	10.2	+0.4	28.6	42	+3	25	+2	37	0	tr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	16.3	+0.3	24.0	34	-1	17	0	60	0	2	8
BAHARÎYA	00	8	32	1	0	0	–	15.1	+0.2	22.5	33	-1	17	-1	66	0	tr	7
KHÂRGA	00	9	32	3	0	0	–			24.1	35	-1	22	+1	52	0	tr	—
DAKHLA	00	8	28	1	0	0	–	13.6	+0.4	27.0	33	-2	20	0	48	0	tr	—
RED SEA																		
ṬÔR	00	7	04	2	0	0	–	11.2	+0.6	25.4	29	-3	20	-1	66	0	2	13
HURGHÂDA	00	8	30	5	0	0	–	10.7	-0.3	26.1	31	-1	24	+2	64	0	tr	3
QUSEIR	00	8	32	5	0	0	–	10.7	0.0	27.6	31	-1	25	0	62	0	tr	4
PORT SÛDÂN	00	8	32	2	0	0	–	8		32			27		38	0	157	106
NORTH SÛDÂN																		
WÂDI ḤALFA																	tr	—
KAREIMA	01	8	32	3	1	4	4,3	8		31			22		19	0	8	27
'ATBARA	00	7	30	2	0	0	–	6		33			27		32	0	55	69
KHARTÛM	01	8	30	2	0	5	4	8		31			28		49	0	70	161
KASSALA	01	8	16	1	1	5	4	9		27			23		64	0	245	317
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	2	1	5	4	—		27					79	16	254	389
RENK	01	9	20	3	1	4	1	9		27		—		—	79	—	—	504
ROSEIRES	00	8	18	1	1	0	–	9		25					84	0	231	798
EL OBEID	01	9	26	3	1	4	4,2	8		25			21		47	0	474	359
EL FÂSHER	01	8	00	0	1	4	1	—	—	23			17		38	0	142	308
GENEINA	00	8	04	1	0	3	2	—	—	19		—	13	—	64	—	—	561
KADUGLI	02	8	28	1	2	6	4	10		23		—		—	94	—	—	720
S. SÛDÂN																		
MALAKÂL																0	791	807
WÂU	02	8	00	0	1	6	4	10		23			22		94	0	1260	1071
JUBA																9	1099	942

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI ḤALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	18h. m.	h. m.	13h. m.	7h. 30m.	h. m.	12h. m.
								03 23 05		06 35 10	03 02 25		03 02 15
								06 33 05		09 23 10	09 06 05		06 31 15
								09 03 05		15 03 05	15 34 05		09 02 15
								15 36 10		21 28 05	21 33 05		15 09 10
								21 01 10		24 17 10	24 35 05		21 13 15
								24 04 10					
								30 05 10					
								33 07 15					
								39 08 15					

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛṬ	LUXOR	ASWÂN	WÂDI ḤALFA	ABU ḤAMAD	KAREIMA	KHARTÛM
6h. 30m.	h. m.	h. m.	9h. 30m.	h. m.	h. m.	7h. m.	7h. m.	h. m.	7h. m.	h. m.	h. m.
03 16 15			02 04 35			03 35 10	02 01 20		06 05 20		
06 13 05			05 04 25			06 34 20	05 03 30		09 18 10		
09 26 15			08 05 20			09 33 05	10 03 30		15 20 25		
12 22 10			10 02 35			12 03 05	15 03 30		21 16 20		
			15 02 50			15 27 05	20 07 15				
			20 35 15			18 23 10	25 15 05				
			25 29 10			21 21 15	30 06 05				
			30 23 25			24 12 05					
			35 23 30			27 19 05					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 30m.	7h. m.	8h. 15m.	7h. m.	7h. m.	h. m.
06 19 25	03 36 15	06 25 15	09 34 20	09 28 35	
09 30 05	06 01 20	09 26 10	15 05 30	15 27 35	
15 05 05	09 02 15	15 34 15	21 06 10	21 29 35	
21 05 20	15 05 20	21 27 05	30 09 35	30 35 15	
30 07 20	21 06 20	30 08 25	39 10 00	39 01 15	
39 07 25					
45 08 15					
60 16 05					

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h ON 24th
34710 07981 28207 13241 70305 00180
34800 07961 24201 13221 50201 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 23rd	Diff from normal	WET BULB TEMP °C on 23rd	Diff from normal
Alexandria	65	-2	21.2	0.0
Ezbekiya	64	-1	20.0	-0.9
Giza	57	-10	20.6	0.0
Ḥelwân	56	+2	19.3	+0.2

GÎZA — GRASS MINIMUM TEMP. ON 24th 12.2 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser					
Malakâl				12.27	+0.12
J. Aulia Res.				377.25	–
J. Aulia D.S				375.23	+0.10
Roseires		18.42	+0.36	18.82	+0.70
Sennar Res.				47.22	–
Khartûm				15.54	+0.20
Kh. el Girba				13.05	+0.14
'Atbara		14.28	+0.28	14.72	+0.18
Kajnarti				101.15	+0.01
Aswân Res.		98.50	–	98.50	–
Aswân D.S		91.63	-0.18	91.73	-0.11
Roda (Cairo)		16.77	+0.14	16.92	+0.28

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	24-9	7218	9821
	23-9	7421	10084

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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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 5h 45m
Sunset 17h 49m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧

At 14h. on Wednesday 24th — الساعة ١٤ يوم ٢٤/٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH												131
MARIUT	00	7	30	2	0	0	—	15	27	62	0	150
ALEXANDRIA	00	9	32	2	0	0	—	15.8	27.0	69	0	132
DAMIETTA	01	8	28	1	1	3	8	14.2	26.0	62	0	159
PORT SA'ÎD	01	8	30	4	1	4	8	14.4	28.8	58	0	134
EL 'ARÎSH	01	9	32	3	1	4	8	13.5	26.9	77	0	135
LOWER EGYPT												
DAMANHÛR	01	7	04	3	1	3	8	14.8	28.6	54	0	136
MANŞÛRA	01	8	04	3	1	3	8	13.9	30.0	46	0	137
TANTA	00	8	32	3	0	0	—	14.2	30.0	41	0	138
ZAGAZIG	00	6	32	3	0	0	—	13.9	30.1	47	0	139
SHEBÎN EL KÔM	01	8	04	3	1	4	8	14.2	31.3	42	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	04	3	0	0	—	12.7	30.2	35	0	141
CAIRO EZBEKÎYA	00	8	04	3	0	0	—	13.1	30.0	38	0	—
CAIRO GÎZA	00	8	04	3	0	0	—	13.2	29.9	40	0	—
HELWÂN	00	8	32	4	0	0	—	12.4	30.7	30	0	143
SUEZ	00	9	32	1	0	0	—		30.0	40	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	3	0	0	—	11.9	31.0	37	0	153
MINYA	00	9	02	3	0	0	—	11.5	32.2	31	0	154
ASYÛT	00	8	28	1	0	0	—	10.4	31.5	31	0	155
NAG' HAMÂDI	00	8	32	1	0	0	—	8.4	33.4	41	0	164
QENA	00	9	24	2	0	0	—	7.8	—	—	0	156
LUXOR	00	9	06	1	0	0	—	7.9	39.0	33	0	157
ASWÂN	00	9	32	1	0	0	—	5.6	40.2	18	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	15.5	34.5	29	0	148
BAHARÎYA	00	8	32	2	0	0	—	12.6	32.0	24	0	149
KHÂRGA	00	9	32	2	0	0	—	—	32.6	—	0	151
DAKHLA	00	9	32	2	0	0	—	14.7	33.1	41	0	152
RED SEA												
ṬÔR	00	7	28	4	0	0	—	9.2	28.8	61	0	145
HURGHÂDA	00	8	32	5	0	0	—	8.2	30.1	52	0	146
QUSEIR	00	8	32	4	0	0	—	9.0	30.2	62	0	147
PORT SÛDÂN	00	8	04	3	0	0	—	5	34	41		208
NORTH SÛDÂN												
WÂDI ḤALFA	02	8	02	3	1	4	4,2	5	40	17		165
KAREIMA	01	8	02	3	1	4	8	4	42	09		166
'ATBARA	01	7	20	2	1	4	8	2	40	—		167
KHARTÛM	10	8	24	4	1	5	9	2	39	30		209
KASSALA	00	8	28	7	3	2	8	3	37	35		170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID	01	9	16	2	1	4	8,4	2	37	22		174
EL FÂSHER	02	8	10	2	1	6	2	—	35	18		175
GENEINA	00	8	08	3	1	3	2	—	33	24		179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

At 20h. on 24th — الساعة ٢٠ يوم ٢٤/٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	00	0	0	0	—	16.0	25.0	74	0
MARIUT	01	7	02	2	0	4	6	16	24	79	0
ALEXANDRIA	01	6	04	4	1	3	4	16.6	24.2	74	0
DAMIETTA	01	8	28	2	1	5	8	14.8	24.0	73	0
PORT SA'ÎD											
EL 'ARÎSH	02	9	30	2	2	5	8	13.0	25.8	73	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	1	0	—	16.0	23.0	76	0
MANŞÛRA	00	6	02	2	1	0	—	15.9	22.8	76	0
TANTA	00	8	00	0	0	0	—	15.9	22.8	78	0
ZAGAZIG	00	6	32	2	0	0	—	16.0	25.0	72	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	15.8	23.1	74	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	4	0	0	—	14.8	25.4	57	0
CAIRO EZBEKÎYA	00	7	02	4	0	0	—	15.2	26.4	64	0
CAIRO GÎZA	00	7	04	2	0	0	—	15.1	24.8	61	0
HELWÂN	00	7	02	4	0	0	—	14.7	25.1	54	0
SUEZ	00	9	32	1	0	0	—		26.6	62	0
UPPER EGYPT											
FAIYÛM	00	8	02	2	0	0	—	13.6	26.6	48	0
MINYA	00	9	32	2	0	0	—	12.7	26.2	54	0
ASYÛT	00	6	32	1	0	0	—	11.8	27.1	42	0
NAG' HAMÂDI	00	8	00	0	0	0	—	10.2	26.7	54	0
QENA	00	6	24	2	0	0	—	8.6	29.8	42	0
LUXOR	00	8	30	2	0	0	—	8.3	32.0	28	0
ASWÂN	01	9	32	2	1	5	4	7.4	36.5	16	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	14.4	25.5	45	0
BAHARÎYA	00	7	04	1	0	0	—	13.0	28.0	32	0
KHÂRGA	00	9	32	1	0	0	—	—	31.4	16?	0
DAKHLA	00	8	28	1	0	0	—	11.2	30.2	42	0
RED SEA											
ṬÔR	00	7	28	4	0	0	—	9.7	29.3	70	0
HURGHÂDA	00	8	28	4	0	0	—	9.5	28.3	45	0
QUSEIR	00	8	28	6	0	0	—	8.7	30.3	66	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI ḤALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.

Remarks

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

STATION	Mean of day: HUMIDITY % on 24th	HUMIDITY Diff from normal	WET BULB TEMP °C on 24th	WET BULB TEMP Diff from normal
Alexandria	69	+2	21.3	+0.1
Ezbekîya	64	-1	20.0	-0.6
Gîza	58	-9	20.5	-0.1
Helwân	57	+3	19.2	+0.2

GÎZA — GRASS MINIMUM TEMP. ON 25th 13.2 °C

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	25-9	7242	9498
	24-9	7288	9821

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.81	+0.05
Nâsser				10.78	+0.41
Malakâl		12.38	+0.12	12.28	+0.13
J. Aulia Res.				377.38	—
J. Aulia D.S				375.18	-0.07
Roseires		18.22	+0.23	18.03	+0.36
Sennar Res.				17.30	—
Khartûm					
Kh. el Girba					
'Atbara		14.76	+0.31	14.78	+0.28
Kajnarti				104.18	+0.11
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.66	-0.12	91.67	-0.18
Roda (Cairo)		18.65	+0.03	18.77	+0.14

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

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	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	MAXIMUM Yesterday °C MW	MAXIMUM Diff. from norm °C	MINIMUM Today °C mm	MINIMUM Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM											—		—					100
MATRÛH	00	9	32	1	0	0	—	17.5	+2.6	23.3	28	0	20	0	71	0	55	161
MARIUT	00	7	18	2	0	0	—	16		24	28	—	19	—	79	0	139	138
ALEXANDRIA	00	9	16	2	0	0	—	15.9	+1.2	24.8	29	-1	21	-1	65	0	106	187
DAMIETTA	00	8	18	2	1	2	8	15.4	+1.5	24.9	27		17		77	0	32	106
PORT SA'ÎD	00	8	28	2	0	3	8	15.5	+2.5	26.1	30	0	21	-1	71	0	22	81
EL 'ARÎSH	01	9	30	4	1	4	8	15.0	+1.2	27.6	28	-1	19	0	70	0	47	98
LOWER EGYPT																		
DAMANHÛR	00	6	24	2	0	0	—	16.2	+1.6	23.0	30	-1	16	-2	83	0	84	101
MANŞÛRA	00	8	04	1	0	0	—	15.8	+1.5	25.5	31	-1	19	0	69	0	15	55
TANTA	00	8	00	0	0	0	—	15.9	+1.3	26.8?	31	-1	15	-2	89	0	8	48
ZAGAZIG	00	6	28	2	0	0	—	15.6	+0.9	26.0	31	-1	17	0	96	0	24	27
SHEBÎN EL KÔM	00	7	22	1	4	0	—	15.2	+1.7	24.8	32	—	18	—	69	0	9	
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	04	1	0	0	—	15.6	+1.4	23.4	31	—	20	—	73	0	14	—
CAIRO EZBEKÎYA	00	6	00	0	0	0	—	15.8	+1.6	22.3	31	-1	19	0	77	0	13	26
CAIRO GÎZA	05	6	00	0	0	0	—	15.8	+1.5	25.9	31	0	16	-1	65	0	20	27
HELWÂN	00	6	04	2	0	0	—	15.8	+1.7	23.5	31	-1	19	-1	68	0	5	29
SUEZ	00	9	32	1	0	0	—	14.5	+1.5	23.2	32	-1	18	-3	73	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	02	2	0	0	—	15.6	+1.2	23.0	31	-2	18	-1	73	0	2	8
MINYA	00	9	32	3	0	0	—	14.6	+0.9	23.5	33	0	19	0	71	0	4r	—
ASYÛT	00	7	26	1	0	0	—	13.9	+0.9	23.5	33	+1	20	0	61	0	0	4
NAG' HAMÂDI	00	8	24	1	0	0	—	12.2	+0.6	25.0	35		20		63	0	0	—
QENA	00	7	24	2	0	0	—	11.1	-0.5	24.9	36	-1	22	+1	62	0	4r	—
LUXOR	00	9	22	2	0	0	—	11.2	-0.1	30.0	39	0	21	0	41	0	4r	—
ASWÂN	00	9	22	3	0	0	—	9.8	-0.9	28.7	41	+2	25	+2	38	0	4r	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.3	+0.2	24.6	36	+2	19	+2	55	0	2	8
BAHARÎYA	00	8	00	0	0	0	—	14.7	-0.3	25.0	33	0	17?	-1	66	0	4r	7
KHÂRGA	00	9	32	3	0	0	—	—	—	24.6	35	-1	22	+1	47	0	4r	—
DAKHLA	00	8	04	1	0	0	—	14.0	+0.7	27.4	34	-1	20	+2	50	0	4r	—
RED SEA																		
ṬÔR	00	7	28	2	0	0	—	11.0	+0.3	26.8	30	-1	20	-1	67	0	2	13
HURGHÂDA	00	8	30	5	0	0	—	11.2	0.0	25.2	31	-1	23	+1	59	0	4r	3
QUSEIR	00	8	32	6	0	0	—	10.6	-0.2	27.3	31	-1	26	+1	57	0	4r	4
PORT SÛDÂN	00	8	30	1	1	0	—	7		34					34	0	157	106
NORTH SÛDÂN																		
WÂDI HALFA																0	4r	—
KAREIMA	01	8	28	3	1	4	4	8		34					16	0	8	27
'ATBARA	01	7	30	2	1	4	8	7		32					36	0	55	49
KHARTÛM	02	9	32	2	1	6	4,5	9		31					35	0	70	161
KASSALA	00	8	30	2	0	0	—	9		28					66	0	243	317
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	18	3	1	4	3	9		28					70	0	254	391
RENK	02	9	20	3	1	3	8	9		25		—		—	84	—	—	506
ROSEIRES	01	8	20	3	1	3	1	9		23					89	0	231	800
EL OBEID	02	9	30	4	1	7	4,2	8		27					68	0	474	361
EL FÂSHER	01	8	00	0	1	5	2	—	—	23					44	0	142	309
GENEINA	02	8	00	0	1	5	2	—	—	21	—			—	83	—	—	562
KADUGLI	01	8	20	2	1	4	1	10		24	—			—	84	—	—	725
S. SÛDÂN																		
MALAKÂL	01	8	06													0	791	811
WÂU	02	—					6									2	1262	1076
JUBA	03	8					4,5	12		23					78	0	1099	946

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 h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			9				7				7
			02 04 25				02 01 25				06 22 25
			15 05 15				05 36 25				09 25 25
			08 03 40				00 01 30				12 25 15
			10 02 30				15 03 15				15 27 10
			15 36 30				20 32 15				21 11 15
			20 35 40				25 33 15				24 11 25
			23 36 40								27 10 25
			25 36 30								30 10 25
			27 35 00								

KASSALA 7h 45m	PORT SÛDÂN 8h 45m	EL OBEID 7h 30m	EL FÂSHER 7h. m.	GENEINA 7h 45m	MALAKAL 7h 35m
06 18 20	03 25 30	06 24 40	09 34 15	09 02 15	06 32 15
09 18 25	06 36 40	09 35 40	15 01 25	15 09 15	09 33 20
15 30 35	09 01 45	15 33 30	20 05 25	21 09 35	15 32 15
21 33 35	15 01 45	21 13 15	30 07 20	00 08 20	21 12 10
24 36 30	21 03 40	30 05 15	33 06 20	23 06 20	30 02 05
30 31 15	30 32 40	33 05 15	36 05 20		33 05 05
33 30 15					

CYPRUS SYNOPTIC 8h ON 26th

34710 00981 26301 13241 70300 00180
34850 00951 24301 12231 50300 00170

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

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick " " " " 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
" of Snow 83, 84
" of Sleet 85, 86
" of Hail 88, 89
Thunderstorm 90-99
" ended, now Rain 91
" with Hail 94-96
" with Duststorm 98
" heavy, with Hail 99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 5h 45m
Sunset 17h 48m

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

DAILY WEATHER REPORT

Month *September* 1947 — شهر سبتمبر ١٩٤٧

At 14h. on *Thursday 25th* — الساعة ١٤ 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 PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	32	2	0	0	–	15.5	27.7	67	0	131
MARIUT	01	7	28	3	1	4	8	15	28	66	0	150
ALEXANDRIA	01	9	28	4	1	4	8	15.2	27.8	62	0	132
DAMIETTA	01	8	28	3	1	3	9	14.3	26.9	64	0	159
PORT SA'ID												134
EL 'ARÎSH	01	9	30	2	1	4	8	15.1	27.4	75	0	135
LOWER EGYPT: DAMANHÛR	02	7	32	4	1	5	8	15.4	28.3	59	0	136
MANŞÛRA	01	8	32	2	1	4	8	14.6	29.3	45	0	137
TANTA	01	8	32	3	1	4	8	14.4	29.0	52	0	138
ZAGAZIG	01	6	32	4	0	3	4	14.8	31.0	45	0	139
SHEBÎN EL KÔM	01	8	28	3	1	4	8	14.4	30.6	45	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	02	4	0	0	–	13.7	30.9	39	0	141
CAIRO EZBEKÎYA	00	8	02	4	0	0	–	13.6	30.8	41	0	—
CAIRO GÎZA	00	8	04	4	0	0	–	13.2	30.6	43	0	—
HELWÂN	00	7	32	5	0	0	–	13.4	30.5	34	0	143
SUEZ	00	9	02	2	0	0	–		30.0	41	0	144
UPPER EGYPT: FAIYÛM	00	8	32	3	0	0	–	12.6	32.0	28	0	153
MINYA	00	8	32	4	0	0	–	12.3	32.7	31	0	154
ASYÛT	00	8	28	1	0		–	11.0	32.2	28	0	155
NAG' HAMÂDI	00	8	24	1	0		–	8.8	32.4	38	0	164
QENA	00	9	24	2	0	0	–	7.4	35.4	40	0	156
LUXOR	00	9	06	2	0	0	–	7.4	38.0	31	0	157
ASWÂN	00	9	32	2	0	0	–	6.3	39.3	13	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	–	15.6	36.3	37	0	148
BAHARÎYA	00	8	04	1	0	0	–	12.2	34.0	27	0	149
KHÂRGA	00	9	32	1	0	0	–		34.9	11?	0	151
DAKHLA	00	8	02	2	0	0	–	11.1	34.8	38	0	152
RED SEA: TÔR	00	7	28	5	0	0	–	8.8	28.8	65	0	145
HURGHÂDA	00	8	32	5	0	0	–	8.3		43	0	146
QUSEIR	00	8	32	5	0	0	–	8.6	30.2	55	0	147
PORT SÛDÂN	00	4	02	4	0	0	–	4	34	59		208
NORTH SÛDÂN: WÂDI HALFA	00	8	02	3	0	2	4	5	39	21		165
KAREIMA	03	8	16	2	1	8	3,4	5	42	14		166
'ATBARA	01	8	24	2	1	3	3,2	3	41	18		167
KHARTÛM	01	8	24	2	1	5	3,4	3	39	30		209
KASSALA	01	8	20	1	1	5	8	3	37	33		170
CENTRAL SÛDÂN: WAD MEDANI	25	8	20	3	1	5	8	3	37	35		171
RENK	01	9	22	2	1	4	8	4	35	44		182
ROSEIRES	00	8	18	1	1	0	–	7	32	53		172
EL OBEID	02	7	18	3	8	7	1,4,5	3	36	29		174
EL FÂSHER	01	8	32	1	1	4	1	—	36	15	—	175
GENEINA	01	6	08	2	1	3	2	—	34	27	—	179
KADUGLI	02	8	20	2	1	5	4	7	33	53		187
S. SÛDÂN: MALAKÂL												176
WÂU												177
JUBA	02	8	30	2	1	7	9,4,5	6	32	48		173

At 20h. on *25th* — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	08	1	0	0	–	15.2	25.0	79	0
MARIUT	00	7	30	2	1	3	6	15	24	74	0
ALEXANDRIA	01	6	32	4	2	4	4	15.6	24.6	74	0
DAMIETTA	01	7	28	2	1	3	9	14.2	24.0	73	0
PORT SA'ID											
EL 'ARÎSH	02	9	28	2	2	5	8	13.1	25.6	72	0
LOWER EGYPT: DAMANHÛR	00	7	32	2	1	0	–	15.1	23.2	78	0
MANŞÛRA	00	6	32	2	1	0	–	15.1	23.0	74	0
TANTA	01	8	32	1	1	4	8	15.2	23.0	80	0
ZAGAZIG	00	6	32	4	0	0	–	15.5	26.6	73	0
SHEBÎN EL KÔM	00	7	30	2	0	0	–	15.2	23.0	78	0
MIDDLE EGYPT: CAIRO ALMÂZA	00	7	05	2	0	0	–	14.5	25.7	67	0
CAIRO EZBEKÎYA	00	7	04	2	0	0	–	15.0	24.7	69	0
CAIRO GÎZA	00	7	02	3	0	0	–	14.8	24.6	72	0
HELWÂN	00	7	32	5	0	0	–	14.8	25.2	61	0
SUEZ	00	9	02	1	0	0	–	13.2	25.2	64	0
UPPER EGYPT: FAIYÛM	00	8	32	2	0	0	–	13.9	26.1	55	0
MINYA	00	9	32	3	0	0	–	13.4	26.6	50	0
ASYÛT	00	6	26	2	0	0	–	12.2	28.0	44	0
NAG' HAMÂDI	00	8	00	0	0	0	–	9.5	29.8	38	0
QENA	00	6	24	2	0	0	–	8.6	27.4	40	0
LUXOR	00	8	22	2	0	0	–	7.8	31.5	25	0
ASWÂN	00	9	32	3	0	0	–	7.4	35.8	13	0
WESTERN DESERT: SÎWA			00	0	0	0	–	14.7	29.0	46	0
BAHARÎYA	00	7	32	1	0	0	–	13.6	28.8	41	0
KHÂRGA	00	9	32	1	0	0	–		32.2	17?	0
DAKHLA	00	8	22	1	0	0	–	11.4	29.4	44	0
RED SEA: TÔR	00	7	28	4	0	0	–	—	29	64	0
HURGHÂDA	00	8	20	5	0	0	–	8.8	28.6	43	0
QUSEIR	00	8	28	4	0	0	–	9.0	28.2	55	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 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 h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM 13h. 16m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL h. m.	EL FÂSHER 12h. 45m.
									06 35 25	03 30 05	09 05 20		06 23 25
									09 36 05	09 28 05	15 06 30		09 21 25
									15 30 25	15 21 15	21 08 15		15 16 20
									21 31 25		39 12 35		21 11 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 25th	Diff from normal	WET BULB TEMP °C on 25th	Diff from normal	Previous day: Reading	Diff. from normal
Alexandria	68	+1	21.8	+0.1		
Ezbekiya	67	+2	20.7	0.0		
Giza	63	-5	21.3	+0.8		
Helwân	60	+6	19.9	+0.9		
GÎZA	GRASS MINIMUM TEMP. ON 26th		12.6 °C			
CAIRO	WATER TEMP. RIVER NILE ON		AT 9h. °C			

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba		13.82	+0.07	13.76	+0.01
Nâsser				10.78	+0.40
Malakâl		12.29	+0.12	12.28	+0.12
J. Aulia Res.	9	377.28	–	377.27	–
J. Aulia D.S		375.06	-0.01	375.12	+0.03
Roseires		18.06	+0.14	18.22	+0.23
Sennar Res.	1	17.20	–	17.20	–
Khartûm		15.33	+0.10	15.42	+0.14
Kh. el Girba				13.05	+0.30
'Atbara	6	14.73	+0.30	14.76	+0.31
Kajnarti	7	141.02	+0.08	141.12	+0.12
Aswân Res.		98.50	–	98.50	–
Aswân D.S		91.68	-0.06	91.66	-0.12
Roda (Cairo)		18.60	+0.01	18.65	+0.03

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	26-9	6277	7152
	25-9	7242	9498

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

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE MAXIMUM Dry Bulb °C TTT	Yesterday °C MM	Diff. from norm °C	MINIMUM Today °C mm	Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	Total from Oct. 1 mms.	Norm from Oct 1 mms.
MEDITERRANEAN: SALÛM												—		—				100
MATRÛH	00	9	00	0	0	0	0	14.4	-0.6	26.0	28	0	19	-1	70	0	65	161
MARIUT	01	7	31	1	1	5	6	14		25	28	—	19	—	65	0	139	138
ALEXANDRIA	02	9	32	2	2	5	4	14.2	-0.6	25.2	29	0	22	0	69	0	106	187
DAMIETTA	01	8	18	1	1	4	8	13.4	-0.6	25.0	28	—	17	—	74	0	33	106
PORT SA'ID																	32	81
EL 'ARÎSH	00	9	20	1	0	3	8	13.1	-0.8	26.6	28	-1	20	+1	71	0	47	94
LOWER EGYPT: DAMANHÛR	00	6	32	2	0	0	–	14.2	-0.5	23.4	29	-2	19	+1	78	0	84	101
MANŞÛRA	00	8	22	1	0	0	–	13.8	-0.6	25.2	31	-1	18	-1	69	0	15	55
TANTA	00	8	00	0	0	0	–	14.4	-0.3	24.0	30	-2	16	-1	76	0	8	44
ZAGAZIG	00	6	24	2	0	0	–	14.2	-0.6	25.0	32	0	18	+1	76	0	24	27
SHEBÎN EL KÔM	00	8	28	2	0	0	–	/		24.3	33	—	13	—	66	0	9	—
MIDDLE EGYPT: CAIRO ALMAZA	01	7	02	1	0	3	6	13.2	-1.1	22.2	32	—	18	—	67	0	14	—
CAIRO EZBEKÎYA	05	6	02	2	0	4	3	13.8	-0.5	22.6	32	0	19	0	76	0	13	26
CAIRO GÎZA	01	6	30	2	1	4	8	13.6	-0.8	23.6	31	0	16	-1	74	0	20	27
HELWÂN	01	6	00	0	1	4	8	13.8	-0.4	21.4	31	-1	18	-2	78	0	5	29
SUEZ	00	9	02	1	0	0	–			22.6	32	-1	18	-3	77	0	4	17
UPPER EGYPT: FAIYÛM	00	8	02	2	0	0	–	13.6	-0.9	22.8	32	-1	18	-1	71	0	8	8
MINYA	00	9	32	2	0	0	–	13.4	-0.4	23.1	33	+1	19	0	69	0	tr	—
ASYÛT	00	7	22	1	0	0	–	12.7	-0.4	23.1	33	+1	19	-1	68	0	0	4
NAG' HAMÂDI	00	8	32	1	0	0	–	11.8	+0.6	26.2	34	—	20	—	54	0	0	—
QENA	00	7	22	3	0	0	–	10.4	-1.4	25.4	37	0	22	+1	61	0	tr	—
LUXOR	00	9	10	2	0	0	–	8.6	-2.9	29.0	40	+1	22	+1	46	0	tr	—
ASWÂN	00	9	32	5	0	0	–	9.1	-1.7	27.5	41	+2	25	+2	38	0	tr	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	–	14.7	-1.5	25.0	37	+3	19	+2	61	0	2	8
BAHARÎYA	00	8	00	0	0	0	–	13.8	-1.3	25.0	34	+1	17	0	61	0	tr	7
KHÂRGA	00	9	22	3	0	0	–			24.7	36	0	23	+3	55	0	tr	—
DAKHLA	00	9	28	1	0	0	–	12.2	-1.2	27.7	35	0	23	+3	52	0	tr	—
RED SEA: TÔR	00	7	28	4	0	0	–	9.1	-1.7	25.8	30	-1	20	-1	60	0	2	13
HURGHÂDA	00	8	20	5	0	0	–	9.8	-1.5	25.9	32	0	22	0	55	0	tr	3
QUSEIR	00	8	32	6	0	0	–	9.4	-1.5	27.2	31	-1	26	+1	55	0	tr	4
PORT SÛDÂN	00	8	00	0	0	0	–	6		32			27		62	0	157	106
NORTH SÛDÂN: WÂDI HALFA	00	7	02	3	1	0	–	9		27			24		40	0	tr	—
KAREIMA	00	8	02	3	1	2	4	6		33			22		20	0	8	27
'ATBARA	00	8	24	2	1	1	4	5		32			27		36	0	55	69
KHARTÛM	00	8	20	2	1	2	1	7		29			26		55	0	70	103
KASSALA	00	9	18	3	0	2	1	9		27			23		45	0	245	320
CENTRAL SÛDÂN: WAD MEDANI	01	9	16	3	1	4	3	9		28					66	2	256	392
RENK												—		—		—	—	508
ROSEIRES																16	247	802
EL OBEID	02	9	20	3	1	5	4,5	7		26			23		58	tr	474	363
EL FÂSHER	01	8	00	2	1	4	2	—	—	23			18		36	0	102	309
GENEINA								—	—			—		—		—	—	563
KADUGLI												—		—		—	—	729
S. SÛDÂN: MALAKÂL																	791	914
WÂU																	1263	1081
JUBA																5	1004	942

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 6h. 30m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WADI HALFA h. m.	ABU HAMAD 7h. m.	KHARTÛM 7h. m.
03 14 05								03 03 05	06 03 35	03 01 20
06 04 00								06 05 20	09 11	06 05 40
09 14 05								09 05 25	15 13 30	09 05 40
12 15 20								15 06 40	21 15 25	15 06 20
15 14 10								21 03 20	30 23 30	21 09 25
								24 36 10	33 18 30	24 07 30
								30 30 10	39 18 25	27 10 15
									45 17 25	30 10 15
										39 16 10

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. 15m.	EL FÂSHER 7h. 15m.	GENEINA 7h. m.	MALAKAL h. m.
09 19 30	03 01 05	06 33 45	09 01	09 05 03	
15 21 25	06 02 10	09 01 20	15 08 55	15 07 25	
21 24 35	09 04 15	15 07 15	21 13 55	21 08 35	
24 22 40	15 02 10	21 08 30	24 14 50	24 03 00	
30 29 10		24 09 25	30 16 20	30 11 40	
33 34 05		27 09 35		33 12 40	
39 02 15		30 08 45		39 13 55	
		33 08 45			

CYPRUS SYNOPTIC 8h ON 26th

34700 00330 08200 12231 40303 00470

UPPER AIR TEMP AT G.M.T ON ALMÂZA

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

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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

CAIRO Time of Sunrise h. m. Sunset 17 47

Month September 1947 شهر سبتمبر ١٩٤٧

At 14h. on Friday 26th (الساعة ١٤ يوم ٢٦/٩) — At 20h. on 26th (الساعة ٢٠ يوم الجمعة 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
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	04	2	0	0	—	13.9	27.0	70	0												131
MARIUT	00	7	28	3	0	2	6	13	27	66	0	00	7	30	2	0	0	—	13	23	89	0	150
ALEXANDRIA	01	9	28	4	2	4	4	13.1	27.0	64	0	00	6	02	3	0	0	—	13.5	24.0	82	0	132
DAMIETTA	00	8	28	3	1	0	—	12.3	26.3	66	0	00	7	28	2	1	2	8	12.6	24.0	82	0	159
PORT SA'ÎD																							134
EL 'ARÎSH	00	9	32	1	0	2	8	11.8	26.7	78	0	02	9	30	2	2	5	8	12.2	26.1	81	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	32	3	1	4	8	13.4	28.2	48	0	00	7	32	2	1	0	—	13.6	23.2	76	0	136
MANSÛRA	01	8	32	2	1	3	8	11.9	30.0	47	0	00	6	02	2	1	0	—	13.1	23.2	80	0	137
TANTA	01	8	32	3	1	4	8	12.2	30.0	41	0	01	8	32	1	1	4	8	13.8	22.0	88	0	138
ZAGAZIG	00	6	24	2	0	0	—	13.0	33.0	37	0	00	6	24	2	0	0	—	13.9	26.3	64	0	139
SHEBÎN EL KÔM	00	8	28	3	0	1	8	12.8	31.1	45	0	00	7	30	2	0	0	—		22.2	77	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	29	2	0	0	—	11.7	30.1	47	0	00	7	01	3	0	0	—	12.6	26.0	67	0	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	11.8	30.0	46	0	00	7	32	3	0	0	—	13.0	24.8	68	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	11.6	29.8	46	0	00	7	30	2	0	0	—	13.1	24.7	64	0	—
HELWÂN	00	7	30	4	0	0	—	11.2	29.2	52	0	00	7	32	5	0	0	—	12.7	25.8	56	0	143
SUEZ	00	9	02	1	0	0	—		29.4	46	0												144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	—	11.2	30.2	35	0	00	8	02	1	0	0	—	12.2	24.9	62	0	153
MINYA	00	9	32	2	0	0	—	11.8	31.0	37	0	00	9	32	2	0	0	—	12.4	25.7	57	0	154
ASYÛT	00	8	26	1	0	0	—	10.6	31.2	31	0	00	6	26	1	0	0	—	11.9	26.2	53	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	8.3	32.6	39	0	00	8	00	0	0	0	—	9.8	26.0	58	0	164
QENA	00	9	24	2	0	0	—	7.0	35.0	41	0	00	6	24	2	0	0	—	8.7	26.8	57	0	156
LUXOR	00	9	08	1	0	0	—	6.7	37.0	26	0	00	8	26	3	0	0	—	7.4	30.2	35	0	157
ASWÂN	00	9	32	4	0	0	—	6.0	38.0	16	0	00	9	32	3	0	0	—	7.5	33.0	25	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	14.6	37.4	33	0	00		00	0	0	0	—	12.8	20.0	50	0	148
BAHARÎYA	00	8	08	1	0	0	—	11.2	33.5	24	0	00	7	00	0	0	0	—	11.6	28.0	42	0	149
KHÂRGA	00	9	32	1	0	0	—	—	34.5	13?	0	00	9	32	1	0	0	—	—	31.4	20	0	151
DAKHLA	00	9	32	2	0	0	—	10.4	34.8	21	0	00	8	28	1	0	0	—	11.2	29.6	37	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	8.3	27.9	69	0												145
HURGHÂDA	00	8	32	5	0	0	—	6.3	30.2	47	0	00	8	30	4	0	0	—	8.3	27.6	84	0	146
QUSEIR	00	8	32	5	0	0	—	8.2	29.0	60	0	00	8	30	2	0	0	—	9.6	27.0	68	0	147
PORT SÛDÂN	00	8	04	3	0	0	—	4	34	59													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	0	—	4	39	14													165
KAREIMA	02	8	00	0	0	8	1	4	42	14													166
'ATBARA	01	8	00	0	0	4	8,4	1	42	09													167
KHARTÛM	01	8	32	1	0	3	8	2	39	28													209
KASSALA	01	8	00	0	1	4	8	4	36	42													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	18	3	1	3	8	4	36	40													171
RENK																							182
ROSEIRES	00	8	23	1	1	0	—	5	32	55													172
EL OBEID	01	9	12	3	1	4	8,4	3	36	29													174
EL FÂSHER	00	8	02	2	0	2	8,1	—	36	20									—				175
GENEINA	02	7	04	3	1	8	2	—	34	26									—				179
KADUGLI	01	8	12	1	1	5	4	6	27	94													187
S. SÛDÂN																							
MALAKÂL	01	8	20	2	1	4	8,4	6	32	55													176
WÂU	02	8	20	2	1	5	8,4	4	33	41													177
JUBA	01	8	02	2	1	4	8	5	33	44													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 h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM 13 h. 30 m.	KASSALA 12 h. 30 m.	EL OBEID 13 h. m.	MALAKAL h. m.	JUBA 13 h. m.
									06 02 10	06 22 10	06 12 05		09 11 15
									09 01 05	09 21 15	09 13 10		15 12 15
									15 13 05	15 23 10	15 07 05		21 13 05
									21 12 15	21 06 15	21 09 20		
									24 10 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 26th	Diff from normal	Wet bulb temp °C on 26th	Diff from normal
Alexandria	74	+7	21.7	+0.6
Ezbekîya	66	+1	20.8	+0.2
Gîza	62	-6	20.8	+0.3
Helwân	63	+9	19.7	+0.7

GÎZA — GRASS MINIMUM TEMP ON 27th 14.1 °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
27.9	6167	8873
26.9	6277	9152

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.82	+0.07
Nâsser	27.9				
Malakâl		12.29	+0.11	12.29	+0.12
J. Aulia Res.		377.34	—	377.28	—
J. Aulia D.S		376.97	-0.08	375.06	-0.01
Roseires		17.95	+0.12	18.06	+0.14
Sennar Res.				17.20	—
Khartûm		15.22	+0.02	15.33	+0.10
Kh. el Girba					
'Atbara		14.65	+0.30	14.73	+0.30
Kajnarti		140.95	+0.07	141.02	+0.08
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.60	-0.10	91.68	-0.06
Roda (Cairo)		18.50	+0.10	18.60	+0.01

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

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

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	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												—		—				100
MATRÛH																	55	161
MARIUT	01	7	32	2	1	3	6	12.8		26	28	—	18	—	66	0	139	138
ALEXANDRIA	01	9	04	2	1	4	8	13.5	-1.4	26.0	29	0	23	+1	67	0	106	187
DAMIETTA	01	7	00	0	1	3	8	12.8	-1.3	24.1	27	—	18	—	83	0	32	106
PORT SA'ÎD																	32	81
EL 'ARÎSH	01	9	16	1	1	4	8	12.7	-1.3	24.7	27	-2	19	0	81	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	6	32	2	0	0	—	13.5	-1.3	23.6	29	-2	18	0	77	0	84	101
MANSÛRA	01	8	18	1	1	4	6	13.2	-1.3	24.0	31	-1	19	0	77	0	15	55
TANTA	00	8	00	0	0	0	—	13.6	-1.3	21.0	31	-1	16	-1	98	0	8	44
ZAGAZIG	01	6	32	2	0	3	4	14.2	-0.7	26.0	33	+1	18	+1	72	0	24	27
SHEBÎN EL KÔM	00	8	02	2	0	2	6	13.8	-0.9	21.6	33	—	17	—	66	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	02	2	1	4	6	12.8	-1.6	22.6	31	—	18	—	82	0	14	—
CAIRO EZBEKÎYA	05	6	02	2	1	4	8	13.5	-0.9	21.8	31	-1	20	+1	86	0	13	26
CAIRO GÎZA	05	6	04	1	1	4	8	13.5	-1.0	23.4	30	-1	18	+1	80	0	20	27
HELWÂN	00	7	04	2	0	2	6	13.0	-1.3	22.7	30	-1	18	-1	77	0	5	29
SUEZ																	4	17
UPPER EGYPT																		
FAIYÛM	01	8	02	2	1	3	8	13.1	-1.5	22.8	31	-2	18	-1	76	0	8	8
MINYA	00	9	32	2	0	0	—	12.6	-1.3	23.5	33	+1	18	-1	76	0	dr	—
ASYÛT	00	7	26	1	0	0	—	12.0	-1.2	23.4	32	0	19	-1	68	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	11.4	-0.4	25.0	33	—	17	—	71	0	0	—
QENA	00	8	24	2	0	0	—	10.2	-1.7	24.2	36	-1	22	+1	63	0	dr	—
LUXOR	00	9	22	2	0	0	—	11.0	-0.6	27.5	40	+1	21	0	47	0	dr	—
ASWÂN	00	9	32	1	0	0	—	10.0	-0.9	26.5	40	+2	23	0	43	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	13.9	-2.3	24.4	38	+4	18	+1	92	0	2	8
BAHARÎYA	00	8	32	1	0	0	—	13.0	-2.2	23.3	34	+1	17	0	65	0	dr	7
KHÂRGA	00	9	32	1	0	0	—	—	—	24.7	35	-1	21	+1	51	0	dr	—
DÂKHLA	00	8	00	0	0	0	—	12.4	-1.1	25.6	36	+1	20	0	58	0	dr	—
RED SEA																		
TÔR																	2	13
HURGHÂDA	00	8	32	5	0	0	—	9.4	-2.0	22.6	31	-1	19	-3	65	0	dr	3
QUSEIR	00	8	32	4	0	0	—	9.4	-1.6	27.7	30	-2	24	-1	64	0	dr	4
PORT SÛDÂN	00	8	00	0	0	0	—	8		32					55	0	157	106
NORTH SÛDÂN																		
WÂDI HALFA																0	tr	—
KAREIMA	01	8	08	2	1	4	4	7		33			30		14	0	8	27
'ATBARA	00	8	24	2	0	0	—	7		32			27		38	0	55	70
KHARTÛM	01	8	10	2	1	4	4	7		31			27		55	0	70	162
KASSALA	00	8	16	3	0	0	—	8		29			25		66	0	245	321
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	20	3	1	4	4	10		28					70	0	256	393
RENK	00	9	20	2	0	0	—	10		29		—		—	70	—	—	510
ROSEIRES	02	7	14	1	1	8	9	11		24					84	0	847	894
EL OBEID																0	474	365
EL FÂSHER	02	8	00	0	1	8	6,4,5	—	—	22					83	4	146	309
GENEINA	02	7	00	0	1	4	4,5	—	—	21		—	17	—	65	—	—	564
KADUGLI	01	8	28	2	1	3	1	10		23		—		—	84	—	—	724
S. SÛDÂN																		
MALAKÂL	01	8	22	1	1	3	4	10		26			22		84	0	791	817
WÂU	02	8	00	0	1	6	6,4	10		23			21		89	16	1278	1086
JUBA	02	8	14	2	1	8	4,2	11		24			21		84	0	1104	951

UPPER WINDS ON 27th (الرياح العليا يوم ٢٧)

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 7 h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA 7 h. m.	KHARTÛM h. m.
			05 02 10				02 36 20			03 05 05	
			10 02 45				05 36 30			06 07 20	
			20 01 30				10 36 20			09 08 20	
			25 02 20				15 22 15			15 10 05	
			30 36 05				20 24 25			21 16 05	
			40 33 25				25 24 30			30 15 10	
			50 31 25				30 24 20			39 32 05	
			60 27 30				35 24 30			45 30 15	
			70 29 55				40 27 30				

KASSALA 7 h. m.	PORT SÛDÂN 9 h. m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA 9 h. 15 m.	MALAKAL 7 h. 15 m.
06 20 20	03 25 20		09 34 20	09 11 15	06 25 20
09 22 20	06 25 20		15 14 55	15 09 30	09 24 15
15 19 05	09 02 30		21 10 45	21 09 40	15 20 10
21 02 15	15 05 40		30 08 35	30 09 40	21 25 05
30 06 20	21 08 35		39 08 70	33 09 35	24 15 05
39 05 25	30 10 20				

CYPRUS SYNOPTIC 8h ON 27th

24700 00990 00000 12211 10303 00150.
34810 06951 24101 12231 10403 00180.

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

WIND FORCE (F)

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

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

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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. 17 m.
Sunset 17 h. 45 m.

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT
1417 F.C.

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧

At 14h. on Saturday 27th — الساعة ١٤ يوم ٢٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	% HUMIDITY uu	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH												131
MARIUT	00	7	30	3	0	3	6	12	27	62	0	150
ALEXANDRIA	01	9	03	3	2	3	8	12.8	26.7	62	0	132
DAMIETTA	00	8	28	2	1	0	—	12.0	26.7	70	0	159
PORT SA'ÎD												134
EL 'ARÎSH	00	9	30	3	0	0	—	11.1	27.2	84	0	135
LOWER EGYPT												
DAMANHÛR	01	7	32	3	1	3	8	12.7	29.2	56	0	136
MANSÛRA	01	8	32	2	1	3	8	11.8	31.0	47	0	137
TANTA	00	8	28	2	0	0	—	12.0	31.0	43	0	138
ZAGAZIG	00	6	32	2	0	0	—	11.6	31.0	48	0	139
SHEBÎN EL KÔM	00	8	03	2	0	1	8	12.3	31.8	43	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	32	2	0	3	8	10.8	30.7	48	0	141
CAIRO EZBEKÎYA	01	8	32	2	1	3	8	11.1	30.4	46	0	—
CAIRO GÎZA	01	8	02	2	1	3	8	11.1	30.6	45	0	—
HELWÂN	00	7	32	3	0	1	8	10.8	31.0	33	0	143
SUEZ	00	9	32	1	0	0	—		30.6	41	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	3	0	0	—	10.2	31.0	34	0	153
MINYA	00	9	04	3	0	0	—	10.8	31.0	40	0	154
ASYÛT	00	8	28	1	0	0	—	9.9	32.0	24	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	8.0	31.9	36	0	164
QENA	00	9	24	2	0	0	—	6.7	34.0	41	0	156
LUXOR	00	9	12	1	0	0	—	7.4	37.0	30	0	157
ASWÂN	00	9	32	1	0	0	—	7.0	36.7	24	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	13.6	34.0	31	0	148
BAHARÎYA	00	8	28	1	0	0	—	—	31.7	25	0	149
KHÂRGA	00	9	32	2	0	0	—	—	34.2	16?	0	151
DAKHLA	00	9	32	1	0	0	—	9.5	35.4	41	0	152
RED SEA												
TÔR	00	7	28	4	0	0	—	7.8	27.7	61	0	145
HURGHÂDA	00	8	02	4	0	0	—	8.2	29.7	54	0	146
QUSEIR	00	8	32	4	0	0	—	7.9	29.4	56	0	147
PORT SÛDÂN	00	8	06	3	0	0	—	5	24	53		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	3		2	4	6	38	15		165
KAREIMA	01	8	10	2	1	4	8,4	4	41	07		166
'ATBARA	01	8	30	3	1	4	8	2	41	14		167
KHARTÛM	01	8	28	1	1	4	8	3	38	21		209
KASSALA	01	8	00	0	1	4	8	3	37	35		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	24	3	1	5	8	3	37	39		171
RENK												182
ROSEIRES												172
EL OBEID	03	9	12	2	1	8	8,4?	—	36	29		174
EL FÂSHER	02	8	16	1	1	6	8,4,5	—	33	28		175
GENEINA	02	8			1	8	8,5	—	31	41		179
KADUGLI												187
S. SÛDÂN												
MALAKÂL	02	8	24	2	1	5	9	5	33	50		176
WÂU												177
JUBA												173

At 20h. on 27th — الساعة ٢٠ يوم ٢٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	% HUMIDITY uu	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH											
MARIUT	01	7	32	2	0	3	6	13	24	79	0
ALEXANDRIA	02	6	04	2	2	5	8	12.6	24.0	83	0
DAMIETTA	00	7	28	2	0	0	—	11.8	24.1	85	0
PORT SA'ÎD											
EL 'ARÎSH	02	9	28	2	2	5	8	11.6		87	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	1	0	—	13.0	23.0	85	0
MANSÛRA	00	6	04	2	1	0	—	12.4	23.8	81	0
TANTA	00	8	00	0	0	0	—	12.2	23.0	87	0
ZAGAZIG	00	6	32	2	0	0	—	12.0	23.0	87	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	12.2	23.2	81	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	7	02	4	0	3	8	11.3	27.0	63	0
CAIRO EZBEKÎYA	01	8	02	4	1	3	8	11.8	25.8	66	0
CAIRO GÎZA	01	7	02	3	1	3	8	11.4	25.6	69	0
HELWÂN	00	7	32	4	0	2	8	11.2	27.3	50	0
SUEZ	00	9	32	1	0	0	—		26.2	63	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	10.6	25.4	55	0
MINYA	00	9	32	2	0	0	—	10.3	25.8	57	0
ASYÛT	00	6	26	1	0	0	—	10.6	26.9	44	0
NAG' HAMÂDI	00	8	00	0	0	0	—	8.8	25.3	62	0
QENA	00	6	24	2	0	0	—	7.4	27.3	48	0
LUXOR	00	8	26	3	0	0	—	7.4	30.0	30	0
ASWÂN	00	9	32	2	0	0	—	8.0	32.4	27	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	12.6	28.6	42	0
BAHARÎYA	00	7	00	0	0	0	—	11.6	26.0	42	0
KHÂRGA	00	8	32	1	0	0	—	—	30.9	24	0
DAKHLA	00	8	28	1	0	0	—	10.0	30.0	48	0
RED SEA											
TÔR	00	7	28	3	0	0	—	6.0	28.7	62	0
HURGHÂDA	00	8	28	3	0	0	—	7.4	26.1	58	0
QUSEIR	00	8	28	3	0	0	—	8.0	26.2	69	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 18 h. m.	KAREIMA 18 h. 30 m.	KHARTÛM 18 h. 15 m.	KASSALA 18 h. m.	EL OBEID 18 h. 30 m.	MALAKAL h. m.	JUBA h. m.
							08 01 25	03 07 05	06 28 05	06 22 05	06 17 10		
							06 26 26	09 28 05	09 00 00	09 23 05	09 18 05		
							15 07 05	15 11 05	15 18 05	15 20 05	21 12 05		
							21 15 20	01 11 05	21 13 15	21 22 05	24 17		
							24 15 15			24 24 05	30 15 15		
							30 26 10			30 20 20			
							33 26 10			33 20 25			
							39 27 15			39 19 40			
							45 30 20						

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	28-9	7035	8875
	27-9	7138	8873

STATION	Mean of day: Humidity % on 27th	Humidity Diff from normal	Wet Bulb Temp °C on 27th	Wet Bulb Temp Diff from normal
Alexandria	73	+6	21.8	+0.8
Ezbekiya	70	+5	21.2	+0.7
Giza	70	+2	21.6	+1.2
Helwân	60	+6	20.2	+1.3

GÎZA — GRASS MINIMUM TEMP. ON 28th 14.1 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.80	+0.05
Nasser				10.80	+0.40
Malakâl	9	12.31	+0.13	12.29	+0.11
J. Aulia Res.				377.34	—
J. Aulia D.S				374.97	-0.08
Roseires	1	17.78	+0.03	17.95	+0.12
Sennar Res.				17.22	—
Khartûm				15.22	+0.02
Kh. el Girba				12.96	+0.34
'Atbara	28	14.55	+0.26	14.65	+0.30
Kajnarti		140.98	+0.14	140.95	+0.07
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.54	-0.13	91.60	-0.10
Roda (Cairo)		18.40	-0.17	18.50	-0.10

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

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	CAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C ttt	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY uu	RAINFALL Past 24 hrs. mms	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM											—		—					100
MATRÛH																	55	161
MARIUT	01	7	30	2	0	4	6	12		26	28	—	22	—	70	0	139	132
ALEXANDRIA	02	9	04	3	2	5	8	13.0	-2.0	25.0	30	+1	23	+1	72	0	106	187
DAMIETTA	00	8	28	2	0	0	—	11.5	-2.7	25.4	27	—	21	—	80	0	32	106
PORT SA'ÎD																	32	81
EL 'ARÎSH	00	9	20	1	0	2	8	12.8	-1.3	27.4	28	-1	19	0	81	0	47	94
LOWER EGYPT																		
DAMANHÛR	00	7	28	2	0	0	—	13.1	-1.8	23.8	30	-1	18	0	85	0	84	101
MANSÛRA	00	8	32	2	0	0	—	12.0	-2.6	25.0	33	+1	20	+1	82	0	15	55
TANTA	00	8	00	0	0	0	—	12.8	-2.2	22.4	32	0	16	-1	95	0	8	44
ZAGAZIG	00	6	24	2	0	0	—	13.4	-1.6	26.2	32	0	18	+1	79	0	24	27
SHEBÎN EL KÔM	00	8	28	1	1	2	5	13.0	-1.8	22.2	33	—	18	—	83	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	03	2	30	1	4	8	0	12.2		21.5	32	—	20	—	94	0	14	—
CAIRO EZBEKÎYA	05	5	00	0	2	5	6	12.7	-1.8	23.1	31	-1	21	+2	86	0	13	26
CAIRO GÎZA	05	5	28	1	1	5	6	12.7	-1.9	22.7	32	+1	20	+3	88	0	20	27
HELWÂN	02	6	32	2	2	6	8	12.7	-1.7	22.4	31	0	20	+3	81	0	5	29
SUEZ	00	9	32	1	0	0	—			23.8	32	0	20	-1	83	0	4	17
UPPER EGYPT																		
FAIYÛM																	8	8
MINYA	01	8	32	3	1	5	8	11.9	-2.1	23.0	32	+1	21	+2	78	0	dr	—
ASYÛT	00	7	26	2	0	0	—	11.5	-1.8	23.1	34	+2	21	+1	68	0	0	4
NAG' HAMÂDI	00	8	32	1	0	0	—	10.2	-1.7	25.6	32	—	20	—	57	0	0	—
QENA	00	7	26	2	0	0	—	9.4	-2.6	24.0	35	-2	22	+1	66	0	dr	—
LUXOR	00	9	06	2	0	0	—	9.0	-2.7	28.0	38	-4	20	-4	57	0	dr	—
ASWÂN	00	9	00	0	0	0	—	9.8	-1.2	26.4	39	+1	21	-2	42	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	15.6	-0.7	21.3	35	+1	16	-1	71	0	2	8
BAHARÎYA	02	7	32	2	1	5	8	12.0	-3.3	21.0	33	0	19	+2	74	0	dr	7
KHÂRGA	00	9	00	0	0	0	—	—	—	24.0	35	-1	19	-1	67	0	dr	—
DAKHLA	00	8	00	0	0	0	—	11.9	-1.7	25.3	36	+1	20	0	65	0	dr	—
RED SEA																		
TÔR	00	7	28	2	0	0	—	7.9	-3.1	26.7	31	+1	20	-1	64	0	2	13
HURGHÂDA	00	8	30	5	0	0	—	7.9	-3.7	25.8	30	-2	22	0	60	0	dr	3
QUSEIR	00	8	32	3	0	0	—	8.3	-2.8	28.0	30	-2	23	-2	44	0	dr	4
PORT SÛDÂN	01	8	32	2	1	4	1	7		31					62	0	157	106
NORTH SÛDÂN																		
WÂDI HALFA																0	tr	—
KAREIMA	01	7	02	4	1	4	4	2		32					14	0	8	27
'ATBARA	00	7	10	2	0	2	4	6		32						0	55	70
KHARTÛM	00	8	22	2	0	1	1	7		32					46	0	70	163
KASSALA	00	8	16	1	0	0	—	6								0	245	323
CENTRAL SÛDÂN																		
WAD MEDANI																0	256	395
RENK	02	9	20	3	1	8	2	—		25	—		—		89	—	—	512
ROSEIRES	02		24	1			8,4	9		24					84	0	847	806
EL OBEID	01	9	22	4	1	4	4	8		27					66	0	474	366
EL FÂSHER								—	—							0	146	310
GENEINA								—	—		—		—			—	—	564
KADUGLI	02	8	28	2	2	6	4	11		21	—		—		95	—	—	738
S. SÛDÂN																		
MALAKÂL	02	8	18	3	8	7	6,4	10		24					94	5	796	820
WÂU	02	8	00	0	1	7	5	12		22					94	0	1278	1091
JUBA	02	8	14	2	8	6	4,1	10		22					80	3	1107	955

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 8 h. 30 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
			02 23 25		02 24 25		05 24 25		06 05 30	03 03 10	06 24 25
			05 36 15		05 35 30		10 24 10		09 06 [illegible]	06 04 45	09 24 25
			10 03 15		10 36 40		15 25 10		15 05 55	09 05 00	15 22 10
			15 04 40				20 33 10			15 08 25	21 09 25
			20 04 50							21 08 15	24 09 40
			25 06 25							24 09 10	
			30 08 20							30 05 15	
			40 23 20							33 08 15	
			50 30 20							39 09 15	

KASSALA 6 h. 45 m.	PORT SÛDÂN h. m.	EL OBEID 7 h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
06 21 30		06 24 30			
09 22 35		09 24 45			
15 23 05		15 11 15			
21 06 15		21 11 30			
27 06 25		24 08 25			
30 04 35		33 05 25			
33 03 40					
39 03 40					
45 01 15					

UPPER AIR TEMP. ALMÂZA AT G.M.T ON

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

CYPRUS SYNOPTIC 8h ON 28th
34700 00770 03200 11241 70306 00160
34800 00870 04201 12241 70404 00180

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 5 h. 47 m.
Sunset 17 44

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

DAILY WEATHER REPORT

Month September 1947 — شهر سبتمبر ١٩٤٧

At 14h. on Sunday 28th — الساعة ١٤ يوم الأحد ٢٨

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALŪM												130
MATRŪH												131
MARIUT	00	7	28	4	0	0	—	12	27	62	0	150
ALEXANDRIA	01	9	02	4	2	3	4	12.6	25.7	68	0	132
DAMIETTA	01	8	28	3	1	3	8	11.4	26.9	69	0	159
PORT SA'ID												134
EL 'ARĪSH	00	9	30	3	0	0	—	10.7	27.6	81	0	135
LOWER EGYPT: DAMANHŪR	00	7	04	4	1	3	8	12.4	28.4	58	0	136
MANSŪRA	01	8	32	2	1	4	8	11.0	30.8	45	0	137
TANTA	01	8	32	2	1	4	8	11.8	31.0	43	0	138
ZAGAZIG	00	6	32	3	0	0	—	12.7	33.0	37	0	139
SHEBĪN EL KŌM	01	8	28	3	1	3	8	11.8	32.8	36	0	
MIDDLE EGYPT, CAIRO: ALMĀZA	01	8	32	2	0	3	8	10.7	31.0	41	0	141
EZBEKĪYA	01	8	32	2	1	3	8	11.0	31.1	36	0	
GĪZA	01	8	30	2	1	3	8	11.2	31.4	36	0	
HELWĀN	00	8	30	5	0	0	—	10.4	30.0	30	0	143
SUEZ	00	9	32	1	0	0	—		30.8	25	0	144
UPPER EGYPT: FAIYŪM	00	8	32	3	0	0	—	10.4	31.0	29	0	153
MINYA	00	8	32	4	1	0	—	10.4	31.0	33	0	154
ASYŪT	00	8	28	1	0	0	—	7.6	30.0	30	0	155
NAG' HAMĀDI	00	8	24	2	0	0	—	7.6	31.4	29	0	164
QENA	00	9	24	2	0	0	—	6.4	34.6	38	0	156
LUXOR	00	9	32	2	0	0	—	7.0	36.0	20	0	157
ASWĀN	00	9	00	0	0	0	—	7.0	34.6	19	0	158
WESTERN DESERT: SĪWA	00	8	04	2	0	0	—	15.6	32.4	33	0	148
BAHARĪYA	00	8	32	2	0	0	—	11.2	31.5	27	0	149
KHĀRGA	00	9	32	1	0	0	—	—	32.8	16	0	151
DAKHLA	00	9	28	2	0	0	—	10.0	31.2	51	0	152
RED SEA: TŌR	00	7	28	4	0	0	—	8.6	28.2	66	0	145
HURGHĀDA	00	8	20	4	0	0	—	6.6	29.6	50	0	146
QUSEIR	00	8	02	2	0	0	—	7.8	29.0	60	0	147
PORT SŪDĀN	00	8	06	2	1	0	—	5	32	65		208
NORTH SŪDĀN: WĀDI HALFA	00	8	02	2	0	0	—	7	36	17		165
KAREIMA	01	8	08	2	1	3	8,4	5	40	09		166
'ATBARA	01	7	24	1	0	4	8	2	42	12		167
KHARTŪM	01	8	24	3	1	4	9	3	39	30		209
KASSALA	00	8	18	2	0	2	8	3	37	35		170
CENTRAL SŪDĀN: WAD MEDANI	01	8	20	3	0	3	8	4	36	35		171
RENK	01	9					8	6	32	63		182
ROSEIRES	01	8	20	1	1		4					172
EL OBEID	93	9	12	3	1	6	4,4	7	26	58		174
EL FĀSHER	01	8	04	3	1	4	1	—	36	19?		175
GENEINA	05	6	08	3	1	3	4	—	33	32		179
KADUGLI	01	8	20	2	1	5	1	9	28	58		187
S. SŪDĀN: MALAKĀL	02	8	20	2	1	6	9,4	8	29	66		176
WĀU	02	8	00	0	1	6	8,4	7	31	52		177
JUBA	02	8	14	1	1	8	8,4	9	31	49		173

At 20h. on 28th — الساعة ٢٠ يوم الأحد ٢٨

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms
MATRŪH	01	8	28	3	0	4	8	15.1	24.9	80	0
MARIUT	01	7	32	2	0	3	6	13	24	80	0
ALEXANDRIA	01	6	08	2	2	4	8	12.4	24.0	75	0
DAMIETTA	00	7	28	1	1	1	8	11.6	23.5	88	0
EL 'ARĪSH	00	9	28	2	0	0	—	11.1	26.9	73	0
DAMANHŪR	00	7	20	2	0	0	—	12.8	22.0	84	0
MANSŪRA	00	6	32	2	1	0	—	12.7	23.6	78	0
TANTA	00	8	00	0	0	0	—	13.1	22.1	90	0
ZAGAZIG	00	6	32	2	0	0	—	13.3	26.0	69	0
SHEBĪN EL KŌM	00	7	30	2	0	0	—	12.7	23.0	78	0
ALMĀZA	00	7	32	2	0	0	—	11.4	25.5	72	
EZBEKĪYA	01	7	02	4	1	3	8	11.8	25.3	72	0
GĪZA	01	7	30	1	1	3	8	12.3	24.2	68	0
HELWĀN	00	7	32	5	0	0	—	11.5	26.0	56	0
SUEZ	00	9	32	1	0	0	—	—	25.8	62	0
FAIYŪM	00	8	32	1	0	0	—	10.6	25.3	52	0
MINYA	00	9	32	2	0	0	—	10.2	26.4	46	0
ASYŪT	00	6	28	1	0	0	—	10.2	26.6	43	0
NAG' HAMĀDI	00	8	00	0	0	0	—	8.6	25.8	48	0
QENA	00	6	26	3	0	0	—	7.2	27.4	47	0
LUXOR	00	8	26	2	0	0	—	6.7	28.5	43	0
ASWĀN	00	9	32	1	0	0	—	6.0	31.0	22	0
SĪWA	00		00	2	0	0	—	13.6	28.5	34	0
BAHARĪYA	00	7	32	1	0	0	—	11.6	27.0	43	0
KHĀRGA	00	9	00	0	0	0	—	—	28.5	27	0
DAKHLA	00	8	00	0	0	0	—	10.7	28.6	56	0
TŌR	00	7	28	2	0	0	—	8.3	29.2	71	0
HURGHĀDA	00	8	28	3	0	0	—	7.5	26.0	50	0
QUSEIR	00	8	04	2	0	0	—	7.8	27.0	53	0
PORT SŪDĀN											
WĀDI HALFA											
KAREIMA											
'ATBARA											
KHARTŪM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FĀSHER											
GENEINA											
KADUGLI											
MALAKĀL											
WĀU											
JUBA											

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

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

MATRŪH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMĀZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHĀDA h. m.	WĀDI HALFA 13 h. m.	KAREIMA 14 h45 m.	KHARTŪM 12 h05 m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL 13 h. m.	JUBA 13 h. m.
							03 36 25	03 03 15	06 25 05			06 21 05	06 15 10
							06 35 25	06 01 15				09 22 15	09 10 05
							09 35 15	09 09 15				15 21 15	15 33 15
							15 30 20	15 15 05				21 21 10	21 33 20
							21 07 35	21 09 15				30 07 10	30 29 15
								30 12 10					39 29 15
								39 08 10					
								45 35 10					

Remarks

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

Discharges at Aswān measured by sluices m³ per sec.	DATE	1947	1946
	29-9	6925	8847
	28-9	7035	8875

STATION	Mean of day: Humidity % on 28th	Humidity Diff from normal	Wet Bulb Temp °C on 28th	Wet Bulb Temp Diff from normal
Alexandria	72	+5	21.4	+0.5
Ezbekiya	73	+8	21.3	+0.9
Giza	73	+5	20.9	+0.6
Helwān	84	+10	19.8	+0.9

GĪZA — GRASS MINIMUM TEMP ON 29th 14.2 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba					
Nāsser				10.81	+0.40
Malakāl	9	12.31	+0.13	12.31	+0.13
J. Aulia Res.				377.30	—
J. Aulia D.S				374.89	−0.14
Roseires		17.70	+0.03	17.70	+0.03
Sennar Res.				17.30	—
Khartūm				15.14	−0.07
Kh. el Girba				12.13	−0.42
'Atbara		14.41	+0.16	14.55	+0.26
Kajnarti				140.98	+0.14
Aswān Res.		98.50	—	98.50	—
Aswān D.S		91.89	−0.13	91.54	−0.13
Roda (Cairo)		18.38	−0.22	18.40	−0.17

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	CAR PRESSURE M.S.L. 1000+ mbs. PPP	CAR 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	Total From 1 Oct. mms	Norm From 1 Oct. mms
MEDITERRANEAN: SALŪM													—	—				100
MATRŪH	01	9	32	3	0	4	8	14.4	−0.9	24.2	27	−1	23	+3	72	0	55	161
MARIUT	00	7	01	2	0	2	6	12		26	29	—	22	—	66	0	139	138
ALEXANDRIA	01	9	04	3	2	4	4	12.8	−2.3	26.8	28	−1	23	+1	67	0	106	187
DAMIETTA	01	8	02	2	1	3	8	11.6	−2.7	25.9	27	—	19	—	72	0	32	106
PORT SA'ID																0	32	81
EL 'ARĪSH	01	9	16	2	1	4	8	11.2	−3.0	26.9	29	0	21	+2	69	0	47	94
LOWER EGYPT: DAMANHŪR	01	6	04	2	1	3	8	12.8	−2.2	23.8	29	−2	18	0	83	0	84	101
MANSŪRA	01	8	04	1	1	4	6	11.9	−2.8	23.8	32	0	20	+1	79	0	15	55
TANTA	00	8	00	0	0	0	—	13.1	−2.0	21.8	32	0	16	−1	96	0	8	44
ZAGAZIG	01	6	24	3	0	3	—	—	—	26.5	34	+2	18	+1	73	0	24	27
SHEBĪN EL KŌM	00	8	28	2	0	2	8	14.0	−0.9	25.9	34	—	18	—	79	0	9	—
MIDDLE EGYPT, CAIRO: ALMAZA	01	7	00	0	1	4	6	11.6	−3.0	21.8	32	—	19	—	86	0	14	—
EZBEKĪYA	05	6	02	4	1	4	8	12.4	−2.2	22.5	32	0	20	+1	81	0	13	26
GĪZA	05	6	30	3	1	4	8	12.3	−2.4	24.1	33	+2	18	+1	76	0	20	27
HELWĀN	09	6	30	2	1	4	8	12.3	−2.3	21.6	31	0	18	+1	86	0	5	29
SUEZ	01	9	32	1	1	5	5			22.4	32	0	19	−2	86	0	4	17
UPPER EGYPT: FAIYŪM	01	8	32	3	1	3	8	12.3	−2.5	23.0	32	−1	18	−1	74	0	2	8
MINYA	01	8	32	2	1	4	8	11.5	−2.6	23.2	31	0	20	+2	76	0	tr	—
ASYŪT	00	7	26	1	0	0	—	11.6	−1.8	22.0	31	−1	20	0	74	0	0	4
NAG' HAMĀDI	00	8	32	2	0	0	—	10.0	−2.0	25.6	32	—	20	—	56	0	0	—
QENA	00	7	24	2	0	0	—	10.2	−1.9	24.2	35	−2	21	0	59	0	tr	—
LUXOR	00	9	08	1	0	0	—	9.1	−2.7	28.0	37	−2	19	−2	49	0	tr	—
ASWĀN	00	9	00	0	0	0	—	9.1	−2.0	27.0	37	−1	21	−2	38	0	tr	—
WESTERN DESERT: SĪWA	00	7	28	2	0	0	—	16.3	−0.1	21.2	34	0	18	+2	80	0	2	8
BAHARĪYA	01	8	32	2	1	4	8	12.7	−2.7	23.0	32	−1	18	+1	66	0	tr	7
KHĀRGA	00	9	02	4	0	0	—	—	—	22.7	33	−3	21	+1	69	0	tr	—
DĀKHLA	00	8	28	1	0	0	—	12.0	−1.7	23.2	32	−3	20	0	71	0	tr	—
RED SEA: TŌR	00	7	00	0	0	0	—	7.9	−3.3	26.9	29	−1	20	−1	51	0	2	13
HURGHĀDA	00	8	30	5	0	0	—	8.3	−3.4	25.2	30	−2	20	−2	70	0	tr	3
QUSEIR	00	8	30	3	0	0	—	8.4	−2.8	28.0	30	−2	23	−2	42	0	tr	4
PORT SŪDĀN	00	8	30	2	1	3	8	7		31			24		59	0	157	106
NORTH SŪDĀN: WĀDI HALFA	02	8	02	1	0	0	—	10		24			21		38	0	tr	—
KAREIMA	01	8	32	3	1	4	4,2	8		28			26		36	0	8	27
'ATBARA	00	8	00	0	0	0	—	6		32			26		21	0	55	70
KHARTŪM	01	8	20	3	2	3	4	7		31			26		52	0	70	163
KASSALA	01	8	18	3	0	3	4,1	10		28			23		58	0	245	324
CENTRAL SŪDĀN: WAD MEDANI	01	9	16	4	1	3	1	10		27					79	0	256	396
RENK	01	7	20	3	1	5	8	11		25		—		—	79	—	—	514
ROSEIRES	01	8	18	1	1	3	4	11		24					84	16	263	307
EL OBEID	01	9	24	2	1	4	4,2	9		—			21		—	0	474	367
EL FĀSHER	02	8	00	0	1	6	4,5	—	—	26			22		66	0	146	310
GENEINA	05	6	00	0	0	1	3	—	—	21		—	16	—	78	—	—	565
KADUGLI	01	8	04	1	1	3	1	11		—		—	—	—	—	—	—	743
S. SŪDĀN: MALAKĀL	02	8	14	3	0	5	6,4	11		25			22		79	0	396	823
WĀU	62	8	20	2	0	8	6	12		20			19		94	106	1324	1098
JUBA	02	8	16	1	8	7	4	12		24			22		84	tr	1107	989

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.

MATRŪH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWĀN 7 h45 m.	MINYA h. m.	ASYŪT 7 h. m.	LUXOR h. m.	ASWĀN h. m.	WĀDI HALFA 7 h. m.	ABU HAMAD h. m.	KAREIMA 7 h. m.	KHARTŪM 6 h45 m.
			02 35 10		02 31 15			03 36 25		03 01 05	06 24 20
			05 02 10		05 36 35			06 36 45		06 03 20	09 27 30
			10 02 20		10 01 20			09 35 45		09 04 30	12 17 25
			15 02 30		15 36 40					15 05 60	15 25 25
			20 36 55							21 35 25	18 25 05
			23 02 30							30 20 15	21 06 05
			25 01 20							39 28 15	24 08 15
			30 35 25							45 34 15	
			35 25 25								

KASSALA h. m.	PORT SŪDĀN h. m.	EL OBEID 7 h45 m.	EL FĀSHER h. m.	GENEINA 7 h45 m.	MALAKAL 6 h45 m.
		06 27 20		09 00 00	03 18 15
		09 25 20		15 08 05	09 18 25
		12 27 10		21 19 25	12 17 25
		15 30 10		30 21 25	
		21 03 10			
		27 02 10			

UPPER AIR TEMP. ALMĀZA — AT GMT ON

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

CYPRUS SYNOPTIC 8h ON 29th
30700 00990 26300 11241 20901 00180
30800 00990 00000 11221 20204 00160

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Moc Fog in last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50 59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
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. 05 47
Sunset h. m. 17 43

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1947 — ١٩٤٧ شهر سبتمبر

1417 F.O.

At 14h. on Monday 29th — الساعة ١٤ يوم ٢٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	30	2	0	4	8	13.6	25.9	85	0	131
MARIUT	00	7	30	3	0	2	8	12	27	52	0	150
ALEXANDRIA	01	9	28	4	2	3	8	11.9	28.2	56	0	132
DAMIETTA	00	8	30	3	1	2	8	10.8	27.0	59	0	159
PORT SA'ÎD												134
EL 'ARÎSH	00	9	28	3	0	0	—	10.4	28.1	78	0	135
LOWER EGYPT												
DAMANHÛR	01	7	32	4	1	3	8	11.6	28.4	51	0	136
MANSÛRA	01	8	32	2	1	4	8	10.3	31.5	42	0	137
TANTA	01	8	32	1	1	4	8	10.8	31.5	40	0	138
ZAGAZIG	01	6	24	2	0	4	8		31.0	42	0	139
SHEBÎN EL KÔM	01	8	24	3	1	4	8	11.0	32.1	36	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	32	2	0	3	8	10	31	31	0	141
CAIRO EZBEKÎYA	01	8	32	2	1	3	8	10.3	30.7	40	0	
CAIRO GÎZA	01	8	02	3	1	3	8	10.4	30.2	43	0	
HELWÂN	00	8	32	2	0	1	8	9.8	30.8	28	0	143
SUEZ	01	9	02	1	1	4	8		29.8	36	0	144
UPPER EGYPT												
FAIYÛM	00	8	32	2	0	0	—	11.4	31.0	31	0	153
MINYA	00	9	32	3	1	0	—	10.2	30.6	33	0	154
ASYÛT	00	8	28	1	0	0	—	9.2	30.3	31	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	7.1	31.0	36	0	164
QENA	00	9	24	2	0	0	—	7.6	34.8	33	0	156
LUXOR	00	9	06	2	0	0	—	6.7	35.0	32	0	157
ASWÂN	00	9	00	0	0	0	—	5.8	35.0	19	0	158
WESTERN DESERT												
SÎWA	00	8	28	4	0	0	—	15.4	31.4	41	0	148
BAHARÎYA												149
KHÂRGA	00	9	32	1	0	0	—		31.5	31	0	151
DAKHLA	00	9	28	2	0	0	—	9.9	28.6	53	0	152
RED SEA												
TÔR	00	7	28	5	0	0	—	7.9	27.9	61	0	145
HURGHÂDA	00	8	02	4	0	0	—	6.6	29.3	50	0	146
QUSEIR	00	8	02	2	0	0	—	7.8	29.4	54	0	147
PORT SÛDÂN	00	8	08	3	0	1	8	5	33	68		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	32	3	0	0	—	7	34	15		165
KAREIMA	01	8	32	4	1	4	1	8	38	09		166
'ATBARA	01	8	20	1	1	4	8,1		41	13		167
KHARTÛM	01	8	16	3	1	3	8	4	38	33		209
KASSALA	01	8	16	2	1	4	8	4	37	35		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	24	4	1	5	8	4	36	40		171
RENK	01	9	20	2	1	4	1	5	31	66		182
ROSEIRES	00	8	22	1	0	0	—	6	32	55		172
EL OBEID	01	9	22	3	1	4	8,4	4	34	32		174
EL FÂSHER	02	8	00	0	1	5	6,4	—	31	43	—	175
GENEINA	01	8	00	0	1	3	8,4	—	33	36	—	179
KADUGLI	01	8	20	2	1	4	4	7	32	55		187
S. SÛDÂN												
MALAKÂL	01	8	20	3	1	4	8,4	7	31	55		176
WÂU	01	8	20	2	6	5	8,4,1	8	30	52		177
JUBA	10	8	14	2	1	6	8,4,1	7	31	49		173

At 20h. on 29th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	28	3	0	0	—	12.0	24.0	77	0
MARIUT	01	7	28	2	0	4	6	11	24	74	0
ALEXANDRIA	01	6	04	2	2	4	8	12.0	24.0	81	0
DAMIETTA	00	7	28	1	0	0	—	10.6	23.8	80	0
PORT SA'ÎD											
EL 'ARÎSH	00	9	30	3	0	0	—	9.2	21.9	75	0
LOWER EGYPT											
DAMANHÛR	00	7	32	2	1	0	—	12.0	22.6	80	0
MANSÛRA	00	6	32	2	1	0	—	11.1	22.8	76	0
TANTA	00	8	00	0	1	0	—	11.9	22.5	83	0
ZAGAZIG	01	6	04	2	1	3	4		22.3	69	0
SHEBÎN EL KÔM	00	7	04	2	0	0	—	11.9	22.4	68	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	7	02	3	0	4	6	10.3	26.7	41	0
CAIRO EZBEKÎYA	01	7	02	3	1	4	6	11.0	25.5	51	0
CAIRO GÎZA	01	7	02	3	1	3	6	11.2	25.3	57	0
HELWÂN	00	7	32	4	0	2	8	10.2	26.0	46	0
SUEZ	00	9	32	1	0	0	—		25.8	41	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	9.6	25.2	48	0
MINYA	00	9	32	2	0	0	—	9.5	27.0	47	0
ASYÛT	00	6	28	1	0	0	—	9.5	26.6	39	0
NAG' HAMÂDI	00	8	00	0	0	0	—	8.0	24.9	60	0
QENA	00	6	32	2	0	0	—	7.9	27.2	42	0
LUXOR	00	8	26	2	0	0	—	7.6	28.0	35	0
ASWÂN	00	9	32	2	0	0	—	6.8	31.0	27	0
WESTERN DESERT											
SÎWA	00	8	02	4	0	0	—	14.0	27.2	42	0
BAHARÎYA	00	7	32	1	0	0	—	10.3	26.5	37	0
KHÂRGA	00	9	30	1	0	0	—		28.4	18	0
DAKHLA	00	8	28	1	0	0	—	10.7	26.8	56	0
RED SEA											
TÔR	00	7	28	4	0	0	—	7.6	29.2	60	0
HURGHÂDA	00	8	28	2	0	0	—	7.1	25.6	64	0
QUSEIR	00	8	04	2	0	0	—	7.5	26.2	75	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 12 h. 45 m.	KHARTÛM h. m.	KASSALA 13 h. m.	EL OBEID 13 h. 30 m.	MALAKAL 13 h. m.	JUBA 13 h. m.
							03 35 35	03 35 20		06 20 35	06 30 05	06 21 10	06 19 20
							06 35 55	06 34 20		09 20 20	09 28 10	09 21 10	09 19 20
							09 35 40	09 34 25		15 21 10	15 27 05	15 21 15	15 21 20
							15 30 10	15 31 05		21 26 10	21 03 15	21 19 15	21 21 15
							21 25 20	21 17 10		24 25 10	24 05 15	24 18 15	24 30 10
							24 24 35	24 20 10		30 14 05	27 06 20	30 10 05	30 09 05
							30 23 55	30 21 10		33 10 10	30 07 25	33 14 10	33 07 05
							33 23 35	33 19 10		39 12 15	33 08 30	39 09 20	39 04 05
							39 22 55	39 21 15				45 06 15	05 05 15

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR 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												—		—				100
MATRÛH	00	9	32	2	0	0	—	12.0	-3.4	25.3	27	-1	24	+4	80	0	55	161
MARIUT	00	7	28	2	0	3	6	10		25	28	—	21	—	65	0	139	138
ALEXANDRIA	01	9	04	2	2	4	4	11.0	-4.2	25.0	29	0	23	+1	61	0	106	187
DAMIETTA	00	7	20	1	0	0	—	10.4	-3.9	24.9	28	—	17	—	72	0	32	106
PORT SA'ÎD																	32	81
EL 'ARÎSH	00	9	16	1	0	3	8	10.2	-4.1	26.8	29	0	21	+2	70	0	47	94
LOWER EGYPT																		
DAMANHÛR	01	6	32	2	1	3	8	11.1	-4.0	24.2	29	-2	18	0	78	0	84	101
MANSÛRA	00	8	12	1	0	0	—	10.8	-4.0	23.8	32	0	17	-2	77	0	15	55
TANTA	01	8	00	0	1	4	8	11.5	-3.7	22.0	32	0	16	-1	91	0	8	44
ZAGAZIG	01	6	08	2	0	3	8				23	+1	12	+1	64	0	24	27
SHEBÎN EL KÔM	01	8	22	2	1	3	8	11.9	-3.1	23.0	33	—	18	—	75	0	9	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	10.7	-4.0	23.3	31	—	19	—	74	0	14	—
CAIRO EZBEKÎYA	05	6	02	2	0	3	8	11.1	-3.6	22.4	31	-1	19	0	79	0	13	26
CAIRO GÎZA	05	6	30	1	1	3	8	11.2	-3.6	23.8	31	0	16	-1	80	0	20	27
HELWÂN	09	5	00	0	0	3	8	11.4	-3.3	22.2	31	0	19	+2	81	0	5	29
SUEZ	00	9	30	1	0	0	—			23.6	31	-1	19	-2	72	0	4	17
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	11.0	-3.9	23.0	31		18		74	0	8	8
MINYA	00	9	32	2	1	0	—	11.2	-3.0	23.0	31	0	20	+2	78	0	dr	—
ASYÛT	00	7	26	1	0	0	—	11.0	-2.5	22.7	32	0	19	-1	61	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	—	10.2	-1.9	25.4	32	—	18	—	64	0	0	—
QENA	00	7	28	2	0	0	—	9.2	-3.0	24.0	36	-1	21	-1	60	0	dr	—
LUXOR	00	9	16	2	0	0	—	10.0	-1.9	29.0	36	-3	20	—	46	0	dr	—
ASWÂN	00	9	32	1	0	0	—	9.6	-1.6	26.7	36	-2	20	-3	43	0	dr	—
WESTERN DESERT																		
SÎWA	00	7	28	2	0	0	—	14.4	-2.1	22.0	33	-1	17	+1	91	0	2	8
BAHARÎYA	01	8	00	0	1	3	8	12.3	-3.2	23.5	31	-1	18	+1	67	0	dr	7
KHÂRGA	00	9	00	0	0	0	—			24.3	32	-4	18	-2	78	0	dr	—
DAKHLA	00	8	28	1	0	0	—	11.9	-1.9	23.1	30	-5	19	0	64	0	dr	—
RED SEA																		
TÔR	00	7	00	0	0	0	—	8.0	-3.1	27.2	28	-2	18	-3	47	0	2	13
HURGHÂDA	00	8	28	3	0	0	—	8.7	-3.1	26.2	30	-2	20	-1	51	0	dr	3
QUSEIR	00	8	32	2	0	0	—	8.3	-3.0	28.0	30	-2	23	-2	45	0	dr	4
PORT SÛDÂN	01	8	16	1	1	4	8	7		31			26		72	0	157	106
NORTH SÛDÂN																		
WÂDI HALFA																0	tr	—
KAREIMA	01	8	02	3	1	4	2			27			22		22	0	8	27
'ATBARA	00	7	28	3	0	1	4	8		29					25	0	55	70
KHARTÛM	02	8	28	3	2	5	6,4	9		29					35	0	70	134
KASSALA	02	8	16	3	1	7	4,2	10		28			24		66	0	245	325
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	20	4	1	5	4	8		28					66	0	256	397
RENK												—		—		—	—	516
ROSEIRES																28	891	808
EL OBEID	02	9	24	3	1	6	4,2	10		26					62	0	474	368
EL FÂSHER	02	8	00	0	1	6	4,5	—	—	24			23		69	0	146	310
GENEINA	02	8	04	2	2	6	4,	—	—	22		—	19	—	83	—	—	565
KADUGLI	00	8	28	2	0	0	—	11		25		—		—	79	—	—	748
S. SÛDÂN																		
MALAKÂL	01	8	20	3	8	5	6,4	11		26					89	1	797	826
WÂU																3	1387	1101
JUBA																46	1151	963

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 10 h. 00 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA 7 h. m.	KHARTÛM h. m.
			02 27 05		02 33 10					03 02 05	
			05 31 05		05 34 05					06 01 15	
			08 01 10		10 35 10					09 01 50	
			10 36 10							15 32 30	
			15 05 10							21 23 15	
			20 35 20							24 28 20	
			23 34 10							30 28 15	
			25 31 15							36 23 20	
			30 27 05							45 26 15	

KASSALA 6 h. 30 m.	PORT SÛDÂN 6 h. 45 m.	EL OBEID 7 h. 15 m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKAL h. m.
09 21 05	03 16 05	06 22 25	03 19 15	09 11 10	
15 21 45	06 16 25	09 30 30	09 22 30	15 09 10	
21 23 40	09 20 15	15 36 20	15 21 30	21 09 25	
24 23 40	15 22 20	21 04 25		24 09 30	
30 22 30	21 18 15	24 04 20		30 10 30	
33 22 30	24 16 15	30 08 10		33 11 30	
		33 09 20		39 12 35	
		39 09 35			
		45 11 25			

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h. ON 30th
34700 00990 00000 10220 70001 00160.

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	30-9	7085	8258
	29-9	6925	8247

STATION	Mean of day: Humidity % on 29th	Humidity % Diff from normal	Wet Bulb Temp °C on 29th	Wet Bulb Temp °C Diff from normal
Alexandria	71	+4	21.9	+1.0
Ezbekiya	60	-5	20.5	+0.1
Giza	62	-6	20.7	+0.4
Helwân	62	+8	19.2	+0.4

GÎZA — GRASS MINIMUM TEMP. ON 30th 13.3 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.50	+0.76
Nâsser				10.83	+0.42
Malakâl		12.32	+0.12	12.31	+0.12
J. Aulia Res.				377.32	—
J. Aulia D.S				279.81	-0.19
Roseires		17.74	+0.16	17.70	+0.03
Sennar Res.					
Khartûm		14.90	-0.17	15.02	-0.10
Kh. el Girba				12.90	+0.42
'Atbara		14.36	+0.16	14.41	+0.16
Kajnarti				141.05	+0.30
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.56	-0.01	91.49	-0.13
Roda (Cairo)		18.32	-0.21	18.34	-0.22

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

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 6 h. 48 m.
Sunset 17 h. 42 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month [redacted] 1947

1417 F.O.

At 14h. on Tuesday 30th Sept. ٩/٣٠ الساعة ١٤ يوم

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	28	2	0	0	–	12.4	26.8	80	0	131
MARIUT	00	7	28	3	0	0	–	10	27	52	0	150
ALEXANDRIA	00	9	30	3	0	0	–	10.0	26.6	52	0	132
DAMIETTA	00	8	30	3	1	3	8	9.5	27.0	49	0	159
PORT SA'ÎD												134
EL 'ARÎSH	00	9	32	4	0	0	–	9.4	27.4	77	0	135
LOWER EGYPT: DAMANHÛR	01	7	04	2	1	5	8	9.9	28.0	44	0	136
MANSÛRA	01	8	28	2	1	4	8	9.6	30.5	33	0	137
TANTA	01	8	00	0	1	4	8	9.5	31.0	32	0	138
ZAGAZIG	01	6	26	2	1	3	8		30.0	41	0	139
SHEBÎN EL KÔM	01	8	28	3	1	4	8	10.2	31.2	29	0	
MIDDLE EGYPT, CAIRO: ALMÂZA	00	8	04	2	0	2	8	7	30	25	0	141
EZBEKÎYA	00	8	24	2	0	2	8	9.5	29.9	26	0	
GÎZA	00	8	28	2	0	3	8	10.4	30.6	30	0	
HELWÂN	00	8	26	2	0	1	8	9.1	28.5	30	0	143
SUEZ	00	9	32	1	0	0	–		29.0	38	0	144
UPPER EGYPT: FAIYÛM	01	8	30	2	1	3	8	9.2	29.0	37	0	153
MINYA	00	9	24	2	1	0	–	9.8	30.4	37	0	154
ASYÛT	00	8	30	1	0	0	–	9.6	30.0	25	0	155
NAG' HAMÂDI	00	8	24	2	0	0	–	8.2	31.3	29	0	164
QENA	00	9	24	2	0	0	–	7.0	33.8	39	0	156
LUXOR	00	9	30	2	0	0	–	7.0	35.0	28	0	157
ASWÂN	00	9	32	1	0	0	–	6.6	34.6	24	0	158
WESTERN DESERT: SÎWA	00	8	20	2	0	0	–	12.7	31.2	47	0	148
BAHARÎYA	00	8	28	1	0	0	–	10.0	30.0	36	0	149
KHÂRGA	00	9	32	1	0	0	–		32.6	21	0	151
DAKHLA	00	9	28	2	0	0	–	9.6	31.3	44	0	152
RED SEA: TÔR	00	7	28	4	0	0	–	8.2	28.3	64	0	145
HURGHÂDA	00	8	20	3	0	0	–	6.7	29.4	57	0	146
QUSEIR	00	8	32	2	0	0	–	6.8	28.4	63	0	147
PORT SÛDÂN												208
NORTH SÛDÂN: WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN: WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER								—		—		175
GENEINA								—		—		179
KADUGLI												187
S. SÛDÂN: MALAKÂL												176
WÂU												177
JUBA												173

At 20h. on 30th Sept. ٩/٣٠ الثلاثاء الساعة ٢٠ يوم

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 14-20 mms
SALÛM											
MATRÛH	00	8	32	1	0	0	–	10.4	24.9	83	0
MARIUT	00	7	00	0	0	1	4	10	22	78	0
ALEXANDRIA	00	6	00	0	0	0	–	10.7	23.0	66	0
DAMIETTA	01	7	32	1	1	5	8	9.8	24.7	68	0
PORT SA'ÎD											
EL 'ARÎSH	00	9	30	3	0	0	–	9.1	25.7	72	0
DAMANHÛR	00	7	32	2	1	0	–	10.4	22.8	76	0
MANSÛRA	01	6	32	2	1	3	8	10.3	23.6	70	0
TANTA											0
ZAGAZIG	00	6	32	2	0	0	–		26.0	64	0
SHEBÎN EL KÔM	00	7	30	2	0	0	–	10.4	22.9	69	0
ALMÂZA	00	7	00	0	0	1	6	4.4	26.6	39	0
EZBEKÎYA	00	7	00	0	0	1	6	9.6	23.3	54	0
GÎZA	00	7	00	0	0	0	–	10.0	23.5	59	0
HELWÂN	00	7	28	2	0	0	–	9.9	25.2	34	0
SUEZ	00	9	32	1	0	0	–		25.4	53	0
FAIYÛM	00	8	32	1	0	0	–	9.5	23.3	73	0
MINYA	00	9	32	2	0	0	–	9.8	27.0	43	0
ASYÛT	00	6	28	1	0	0	–	10.6	24.9	41	0
NAG' HAMÂDI	00	8	00	0	0	0	–	9.6	24.7	52	0
QENA	00	6	22	2	0	0	–	8.8	25.4	51	0
LUXOR	00	8	18	2	0	0	–	8.2	27.0	37	0
ASWÂN	00	9	32	2	0	0	–	8.8	31.2	29	0
SÎWA	00		00	0	0	0	–	11.6	27.0	56	0
BAHARÎYA	00	7	00	0	0	0	–	10.7	27.0	50	0
KHÂRGA	00	9	02	1	0	0	–		28.7	24	0
DAKHLA	00	8	28	1	0	0	–	10.0	27.9	46	0
TÔR	00	7	28	1	0	0	–	8.0	26.2	58	0
HURGHÂDA	00	8	02	1	0	0	–	8.2	23.6	59	0
QUSEIR	00	8	02	2	0	0	–	8.3	26.0	78	0
PORT SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 30th الرياح العليا يوم ٣٠

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.

Remarks

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

STATION	Mean of day: HUMIDITY % at 30th	Diff from normal	WET BULB TEMP °C at 30th	Diff from normal	Previous day: Reading	Diff. from normal
Alexandria	62	-5	19.9	-0.9		
Ezbekiya	61	-4	18.5	-1.8		
Giza	63	-5	19.7	-0.6		
Helwân	42	-12	18.0	-3.9		
GÎZA	GRASS MINIMUM TEMP. ON 1st	11.6 °C				
CAIRO	WATER TEMP. RIVER NILE ON.....	AT 9h. °C				

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba				14.56	+0.76
Nasser				16.85	+0.43
Malakâl		12.32	+0.12	12.32	+0.12
J. Aulia Res.	10			377.29	–
J. Aulia D.S				374.77	-0.19
Roseires		17.56	+0.07	17.74	+0.16
Sennar Res.				17.46	–
Khartûm	1			14.90	-0.17
Kh. el Girba				12.90	+0.47
'Atbara		124.28	+0.13	124.36	+0.16
Kajnarti		141.05	+0.43	141.08	+0.39
Aswân Res.				98.50	–
Aswân D.S				91.56	-0.07
Roda (Cairo)		18.32	-0.18	18.32	-0.21

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	1-10		8866
	30-9	7085	8858

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

At 8h. on Wednesday 1st الاربعاء ١ شهر اكتوبر ١٩٤٧ 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)	Diff. from norm °C	MINIMUM Today °C (mm)	Diff. from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN: SALÛM																		100
MATRÛH	00	9	18	1	0	0	–	10.2	-5.3	22.0	27	-1	19	-1	78	0	55	162
MARIUT	00	7	00	0	0	1	8	11		25			17		85	0	137	138
ALEXANDRIA	00	9	00	0	0	0	–	10.8	-4.5	25.3	29	0	21	0	62	0	106	187
DAMIETTA	00	7	16	1	0	0	–	10.6	-3.8	25.0	29		18		74	0	32	106
PORT SA'ID	00	7	15	1	0	0	–	11		26	27		21		62	0	32	81
EL 'ARÎSH	00	9	20	2	0	0	–	10.6	-3.7	26.7	29	0	21	+2	71	0	47	94
LOWER EGYPT: DAMANHÛR	01	6	12	2	1	3	8	10.4	-4.8	22.7	30	-1	18	0	77	0	84	101
MANSÛRA	00	8	20	1	0	0	–	10.8	-4.1	24.5	32	0	18	-1	68	0	15	55
TANTA	00	8	00	0	0	0	–	11.2	-4.1	21.5	32	0	15	-2	94	0	8	44
ZAGAZIG	00	6	16	2	0	0	–	10.2	-5.1	24.4	31	-1	17	0	66	0	24	27
SHEBÎN EL KÔM	00	8	04	2	0	0	–	11.1	-4.0	21.6	33		17		76	0	9	
MIDDLE EGYPT, CAIRO: ALMAZA	00	7	22	1	0	0	–	10.6	-4.2	24.9	31		19		45	0	14	
EZBEKÎYA	00	7	00	0	0	0	–	11.2	-3.6	22.5	31	-1	19	0	54	0	13	26
GÎZA	00	6	00	0	0	0	–	11.4	-3.5	24.2	31	0	15	-2	61	0	20	27
HELWÂN	00	6	00	0	0	0	–	11.2	-3.5	23.3	29	-2	19	0	47	0	8	29
SUEZ	00	9	00	0	0	0	–			22.4	31	-1	18	-2	69	0	4	17
UPPER EGYPT: FAIYÛM	00	8	00	0	0	0	–	11.0	-3.9	22.0	31	-2	18	-1	68	0	8	8
MINYA	00	9	32	2	0	0	–	12.3	-2.0	23.0	30	-1	19	+1	73	0	dr	
ASYÛT	00	7	12	1	0	0	–	11.8	-1.7	23.8	31	-1	18	-2	42	0	0	4
NAG' HAMÂDI	00	8	00	0	0	0	–	12.0	-0.2	23.2	32		15		38	0	0	
QENA	00	7	24	2	0	0	–	11.1	-1.2	23.2	35	-1	20	0	65	0	dr	
LUXOR	00	9	10	2	0	0	–	11.6	-0.4	25.0	36	-2	19	-1	61	0	dr	
ASWÂN	00	9	02	1	0	0	–	11.9	+0.6	26.0	37	-1	20	-3	39	0	dr	
WESTERN DESERT: SÎWA	00	7	00	0	0	0	–	10.4	-6.1	24.2	32	-2	18	+2	66	0	2	8
BAHARÎYA	00	8	00	0	0	0	–	10.8	-4.7	24.0	30	-2	16	-1	53	0	dr	7
KHÂRGA	00	9	00	0	0	0	–			20.8	33	-3	16	-4	50	0	dr	
DAKHLA	00	8	00	0	0	0	–	12.2	-1.7	21.8	32	-3	15	-4	57	0	dr	
RED SEA: TÔR	00	7	04	2	0	0	–	10.0	-1.4	24.7	31	+1	18	-2	48	0	2	13
HURGHÂDA	00	8	28	3	0	0	–	10.0	-2.0	27.1	30	-2	18	-3	32	0	dr	3
QUSEIR	00	8	28	2	0	0	–	9.8	-1.6	28.0	30	-2	23	-2	36	0	dr	4
PORT SÛDÂN	01	8	00	0	1	4	6	9		30			27		88	0	157	106
NORTH SÛDÂN: WÂDI HALFA	00	8	02	1	0	2	2	12		24			17		34	0	4	
KAREIMA	01	8	02	3	1	4	2	11		31			23		19	0	8	28
'ATBARA	01	7	28	3	1	3	2	9		29			22		19	0	55	71
KHARTÛM	01	8	00	0	1	6	2	10		27			24		66	0	70	165
KASSALA	02		02	2	1	8	2	12		25			22		84	1	246	326
CENTRAL SÛDÂN: WAD MEDANI	01	9	16	3	1	5		11		24					84	0	256	398
RENK	01	9	20	2	1	5	8	12		24					89			518
ROSEIRES	01	8	14	2	1	3	5,1			27					70	1	892	809
EL OBEID	01	9	24	2	1	5	4,2	11		25			20		70	0	474	369
EL FÂSHER	02	8	00	0	1	6	4,1			22			19		41	0	146	311
GENEINA	01	8	00	0	1	4	4			18			17		88			366
KADUGLI																		753
S. SÛDÂN: MALAKÂL																3	800	829
WÂU																80	1467	1106
JUBA																22	1173	967

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 7 h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 7 h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM h. m.
03 21 05			02 27 05		02 15 05				06 03 30	03 05 10	
06 22 05			05 31 05		05 32 05				09 04 35	06 01 40	
09 33 05			08 01 10		10 02 10				15 03 20	09 01 35	
12 34 05			10 36 10						21 39 05	15 31 15	
15 04 05			15 05 10						24 35 10	21 21 25	
			20 35 20						30 25 25	24 20 15	
			23 34 10							30 18 25	
			25 31 13							33 19 25	
			30 27 05							45 17 35	

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKAL h. m.
06 21 20	03 00 00		09 33 30	09 04 30	
09 21 25	06 12 05		15 04 25	15 10 35	
15 21 15	09 08 10		21 06 35	21 14 35	
21 23 05	15 06 15		24 06 35	24 15 15	
24 05 05			30 11 15	30 11 05	
30 05 20			33 12 20	33 06 05	
33 07 15			39 15 30		
39 08 05			45 15 25		
			60 07 30		

UPPER AIR TEMP. ALMÂZA AT G.M.T ON

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

CYPRUS SYNOPTIC 8h. ON 1st

34700	00990	00000	10231	30406	00160
34800	00990	22200	10231	50301	00183

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 Tentns	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

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

WIND FORCE (F)

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

WIND DIRECTION (DD)

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

CAIRO
Time of Sunrise h. 05 m. 38
Sunset h. 17 m. 41

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month October 1947 شهر أكتوبر ١٩٤٧

At 14h. on Wednesday 1st — الساعة ١٤ يوم أول | At 20h. on 1st — الساعة ٢٠ يوم الأربعاء أول

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	1	0	0	—	10.4	25.9	83	0	00	8	08	1	0	0	—	11.8	24.6	78	0	131
MARIUT	00	7	28	3	0	1	8	10	26	48	0	00	7	00	0	0	0	—	12	22	74	0	150
ALEXANDRIA	01	9	26	2	1	3	8	10.2	26.2	54	0	00	6	32	1	0	0	—	11.6	24.0	75	0	132
DAMIETTA	00	8	13	2	1	3	8	10.2	28.1	52	0	00	6	08	2	1	0	—	11.4	24.9	63	0	159
PORT SA'ÎD	00	8	05	3	0	1	8	11	28	55	0												134
EL 'ARÎSH	00	9	32	4	0	2	8	10.2	28.3	75	0	00	9	28	2	0	0	—	11.1	25.8	73	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	24	2	1	0	—	10.3	30.0	39	0	00	7	24	2	0	0	—	11.8	22.6	79	0	136
MANSÛRA	01	8	14	1	1	3	8	10.2	30.8	33	0	00	6	04	1	1	0	—	11.8	24.3	66	0	137
TANTA	00	8	00	0	0	0	—	10.3	31.5	35	0	01	8	00	0	1	4	8	11.7	23.0	74	0	138
ZAGAZIG	01	6	16	2	1	4	8	9.9	31.4	37	0	00	6	16	1	0	0	—	11.0	25.5	57	0	139
SHEBÎN EL KÔM	00	8	20	3	0	0	—	10.3	33.2	30	0	00	7	30	1	0	2	8	10.7	26.2	58	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	20	3	0	2	8	9.0	32.0	26	0	01	7	07	1	0	3	4	11.3	28.1	41	0	141
CAIRO EZBEKÎYA	01	8	22	3	1	3	8	9.6	32.5	29	0	01	7	08	1	1	3	4	11.4	25.4	55	0	—
CAIRO GÎZA	01	8	20	2	0	3	8	10.3	31.9	31	0	01	6	00	0	5	3	6	11.2	23.9	68	tr	—
HELWÂN	00	8	22	1	0	2	8	9.8	31.5	29	0	01	6	00	0	1	5	4	11.6	27.0	44	0	143
SUEZ	00	9	00	0	0	0	—		31.6	33	0	00	9	16	1	0	0	—		27.0	52	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	2	1	3	8	9.5	33.0	30	0	11	8	00	0	6	6	9	11.4	24.0	67	2	153
MINYA	00	9	08	2	0	0	—	10.4	31.6	32	0	00	9	32	2	0	0	—	10.8	27.6	48	0	154
ASYÛT												00	6	22	1	0	0	—	12.2	23.4	49	0	155
NAG HAMÂDI	00	8	24	2	0	0	—	9.9	32.6	30	0	00	8	00	0	0	0	—	11.6	32.8	64	0	164
QENA	00	9	00	0	0	0	—	9.1	34.4	36	0	00	6	24	2	0	0	—	10.0	26.3	47	0	156
LUXOR	00	9	06	2	0	0	—	9.4	34.5	27	0	00	8	30	2	0	0	—	10.3	25.0	61	0	157
ASWÂN	00	9	24	1	0	0	—	9.0	33.6	28	0	00	9	00	0	0	0	—	10.3	30.7	28	0	158
WESTERN DESERT																							
SÎWA	00	8	21	2	0	0	—	9.4	35.2	41	0	00		00	0	0	0	—		29.6	49	0	148
BAHARÎYA	01	8	16	1	1	4	8	8.6	35.0	28	0	00	7	32	1	0	0	—	9.4	27.5	35	0	149
KHÂRGA	00	9	00	0	0	0	—	—	32.0	25	0	00	9	00	0	0	0	—	—	26.8	34	0	151
DAKHLA	00	9	00	0	0	0	—	9.0	33.6	39	0	00	8	00	0	0	0	—	9.8	29.3	44	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	10.3	28.9	64	0	00	7	00	0	0	0	—	10.6	25.5	62	0	145
HURGHÂDA																							146
QUSEIR	01	8	02	2	0	3	3	9.8	28.6	68	0	00	9	28	2	0	2	3	11.0	26.6	54	0	147
PORT SÛDÂN	00	8	06	2	1	3	8	6	32	75	0												208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	04	2	0	0	—	9	33	13													165
KAREIMA	00	9	04	3	1	1	4	8	37	11													166
'ATBARA	01	7	00	0	1	4	4,2	5	39	12													167
KHARTÛM	02	8	14	2	1	5	4,2	6	36	31													209
KASSALA	00	8	00	0	0	1	2,1	5	—	—													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	24	3	1	3	8	6	36	29													171
RENK																							182
ROSEIRES																							172
EL OBEID	01	9	04	3	1	4	8,4	6	34	12													174
EL FÂSHER	02	8	08	2	1	5	8,4	—	33	26									—				175
GENEINA	01	6	12	2	1	4	8,4	—	32	29									—				179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA																							173

UPPER WINDS ON 1st الرياح العليا يوم أول

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 13h. m.	KHARTÛM 13h. 15m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL h. m.	JUBA h. m.
							03 01 25	03 35 15	06 07 10	06 15 05	06 07 15		
							06 01 20	06 36 20	09 03 10	09 18 05	09 09 20		
							09 36 15	09 35 15	15 01 10	15 22 05	21 07 10		
							15 34 10	21 32 05	21 03 10	21 22 05	24 06 05		
							21 22 10	24 34 30	24 05 10	24 24 10	27 05 10		
							24 22 20	30 18 10	27 05 15	30 06 05	30 08 20		
							30 21 30	39 16 30	30 05 15	33 09 05	33 08 20		
							39 22 55	45 20 20		39 04 05			
							45 22 60	54 24 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	1947	1946
	2-10	7194	8866
	1-10	7164	8860

STATION	Mean of day: Humidity % on 1st	Diff from normal	Wet bulb temp °C on 1st	Diff from normal
Alexandria	67	0	20.4	-0.4
Ezbekiya	49	-16	19.0	-1.8
Giza	58	-10	20.0	-0.8
Helwân	40	-14	18.3	-0.5

GÎZA — GRASS MINIMUM TEMP ON 2nd 12.1 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser	2			10.86	+0.42
Malakâl		12.33	+0.12	12.32	+0.12
J. Aulia Res.				377.27	
J. Aulia D.S				374.69	-0.23
Roseires		17.70	+0.33	17.56	+0.07
Sennar Res.				17.51	—
Khartûm		14.74	-0.23	14.82	-0.19
Kh. el Girba				12.92	+0.55
'Atbara		14.18	+0.09	14.28	+0.13
Kajnarti		140.97	+0.40	141.05	+0.43
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.61	+0.11	91.60	+0.05
Roda (Cairo)		18.28	-0.20	18.32	-0.18

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

At 8h. on Thursday 2nd — الساعة ٨ يوم الخميس ٢

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	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												—		—				0
MATRÛH	00	9	08	1	0	0	—	14.6	-1.0	25.0	27	-1	21	+1	70	0	0	0
MARIUT	00	7	00	0	0	0	—	14		26	28	—	18	—	70	0	0	0
ALEXANDRIA	00	9	00	0	0	0	—	13.9	-1.5	26.6	29	0	22	+1	69	0	0	0
DAMIETTA	00	8	00	0	0	0	—	13.6	-0.9	27.9	30	—	21	—	62	0	0	0
PORT SA'ÎD	00	7	11	2	0	0	—	14		27	29		21		52	0	0	0
EL 'ARÎSH	00	9	22	1	0	0	—	13.9	-0.5	26.1	33	+4	18	-1	62	0	0	0
LOWER EGYPT																		
DAMANHÛR	00	6	12	2	0	0	—	13.6	-1.7	25.0	32	+1	20	+2	68	0	0	0
MANSÛRA	00	8	02	1	0	0	—	14.0	-0.9	27.0	32	0	20	+1	56	0	0	0
TANTA	00	8	00	0	0	0	—	15.0	-0.3	25.0	32	0	17	0	76	0	0	0
ZAGAZIG	00	6	32	2	0	0	—			27.6	33	+1	17	0	55	0	0	0
SHEBÎN EL KÔM	00	8	06	2	0	0	—	14.2	-1.0	23.9	34	—	19	—	63	0	0	—
MIDDLE EGYPT																		
CAIRO ALMÂZA	05	6	00	0	0	0	—	13.5	-1.4	24.2	33	—	19	—	60	0	0	—
CAIRO EZBEKÎYA	05	6	00	0	0	0	—	14.0	-0.9	24.4	33	+1	20	+1	66	0	0	0
CAIRO GÎZA	05	6	26	1	0	0	—	14.6	-0.4	25.4	34	-3	17	0	61	dr	dr	0
HELWÂN	05	6	00	0	0	0	—	14.2	-0.6	24.4	32	+1	22	+3	53	0	0	0
SUEZ	00	9	00	0	0	0	—			26.0	33	+1	19	-1	55	0	0	0
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	.	13.9	-1.1	26.0	34	+1	18	-1	48	2	2	0
MINYA	00	9	16	2	0	0	—	13.9	-0.5	28.0	32	+1	20	+2	27	0	0	—
ASYÛT	00	7	12	1	0	0	—	13.5	-0.1	25.1	34	+2	20	0	47	0	0	0
NAG HAMÂDI	00	8	00	0	0	0	—	13.8	+1.5	24.2	33	—	16	—	56	0	0	—
QENA	00	7	28	2	0	0	—	13.5	+1.1	24.0	36	0	22	+2	48	0	0	—
LUXOR	00	9	06	2	0	0	—	14.0	+1.9	26.5	35	-3	18	-2	53	0	0	—
ASWÂN	00	9	02	2	0	0	—	13.8	+1.4	27.0	36	-2	22	-1	33	0	0	—
WESTERN DESERT																		
SÎWA	00	7	04	2	0	0	—	11.0	-5.6	25.0	37	+3	23	+7	18	0	0	0
BAHARÎYA	02	8	00	0	1	5	8	11.8	-3.8	26.0	35	+3	21	+4	42	0	0	0
KHÂRGA	00	9	00	0	0	0	—	—	—	25.3	34	-2	17	-3	39	0	0	—
DÂKHLA	00	8	00	0	0	0	—	13.6	-0.4	26.6	35	0	18	-1	50	0	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—	13.6	+2.0	23.2	30	0	17	-3	32	0	0	0
HURGHÂDA																		0
QUSEIR	00	8	30	2	0	2	3	12.7	+1.1	30.3	30	-2	23	-2	27	0	0	0
PORT SÛDÂN																0		0
NORTH SÛDÂN																		
WÂDI HALFA																0		—
KAREIMA	00	9	04	3	0	1	2	11		28			23		20	0	0	0
'ATBARA	00	8	32	1	0	0	—	9		29			24		25	0	0	0
KHARTÛM	01	8	20	1	1	3	1	10		29			22		35	0	0	0
KASSALA	00	8	18	2	0	2	1	11		28			24		62	0	0	0
CENTRAL SÛDÂN																		
WAD MEDANI	02	7	14	1	1	8	4	11		23					94	0	0	0
RENK	01	9	16	3	1	4	1	14		26		—		—	84	—	—	0
ROSEIRES																0	0	0
EL OBEID	02	9	20	3	1	6	2	10		29			26		28	0	0	0
EL FÂSHER	01	8	00	0	0	3	2	—	—	22			18		31	0	0	0
GENEINA	00	8	00	0	1	0	—	—	—	18		—	16	—	88	—	—	0
KADUGLI	01	8	04	1	1	3	1	11		24		—		—	89	—	—	0
S. SÛDÂN																		
MALAKÂL																0	0	0
WÂU	01	8	16	1	1	3	4	12		23			19		78	9	9	0
JUBA																11	11	0

UPPER WINDS ON 2nd الرياح العليا يوم ٢

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

MATRÛH 7h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 07h. 00m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR 7h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM h. m.
03 06 20			02 31 05		02 14 20	03 03 15			06 05 25	03 02 15	
06 06 25			05 20 10		05 11 25	06 06 15			09 08 15	06 04 25	
09 04 20			08 20 10		10 09 25	09 04 10			15 13 10	09 04 35	
12 01 20			10 19 15		15 10 15	12 15 05			21 25 15	15 05 15	
15 27 15			15 26 10			15 29 05			24 15 20	21 03 10	
18 28 10			20 32 05			18 29 10			30 15 35	24 01 05	
21 25 15			23 17 05			21 06 10			33 16 35		
24 25 20			25 21 10						39 15 25		
27 23 25			30 31 25						45 15 30		

KASSALA 6h. 45m.	PORT SÛDÂN 6h. 45m.	EL OBEID 7h. 15m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL h. m.
03 21 30	03 35 10	06 23 10	09 03 15	09 05 05	
09 23 25	06 36 10	09 26 05	15 08 25	15 09 20	
15 02 15	09 05 20	15 05 05	21 11 25	21 08 25	
21 03 20	15 06 20		24 12 25	24 18 25	
24 06 25	21 10 15		30 16 25	30 07 30	
30 08 25	24 10 20			33 09 25	
33 06 20	30 10 10			39 09 05	
39 08 10	33 11 25				
45 12 15	39 11 25				
60 11 25	45 12 25				

CYPRUS SYNOPTIC 8h ON 2nd
34700 00990 00000 14221 80307 00180.
34610 00981 20101 14221 70204 00170.

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			

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	95
,, heavy with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
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. 05 m. 29
Sunset h. 17 m. 39

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

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on Thursday 2nd — الساعة ١٤ يوم ٢ الخميس

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	% HUMIDITY uu	RAIN 8-14h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	06	2	0	0	—	15.0	26.6	83	0	131
MARIUT	00	7	32	3	0	0	—	14	29	52	0	150
ALEXANDRIA	00	9	06	1	0	0	—	14.8	28.0	58	0	132
DAMIETTA	00	8	04	2	0	0	—	14.0	28.7	51	0	159
PORT SA'ÎD	00	8	04	3	0	0	—	15	29	52	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	14.2	29.4	74	0	135
LOWER EGYPT												
DAMANHÛR	00	7	28	2	0	0	—	14.4	32.2	37	0	136
MANSÛRA	00	8	02	1	0	0	—	14.8	33.5	22	0	137
TANTA	00	8	00	0	0	0	—	14.2	33.5	33	0	138
ZAGAZIG	00	6	32	2	0	0	—	14.0	34.9	35	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	13.9	35.9	31	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	26	3	0	1	8	13.2	34.4	28	0	141
CAIRO EZBEKÎYA	00	8	24	3	0	1	8	13.2	34.5	29	0	—
CAIRO GÎZA	00	7	00	0	0	0	—	13.8	34.2	30	0	—
HELWÂN	00	7	00	0	0	1	8	13.1	33.4	23	0	143
SUEZ	00	9	00	0	0	0	—		34.6	30	0	144
UPPER EGYPT												
FAIYÛM	00	8	00	0	0	0	—	13.1	33.0	34	0	153
MINYA	00	9	28	2	0	0	—	12.8	32.2	37	0	154
ASYÛT	00	8	30	1	0	0	—	12.2	34.9	20	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	11.1	36.2	33	0	164
QENA	01	9	24	2	0	4	3	10.7	37.4	32	0	156
LUXOR	02	9	04	1	2	5	3	11.2	36.0	25	0	157
ASWÂN	01	9	30	1	1	4	1	9.5	37.2	22	0	158
WESTERN DESERT												
SÎWA	00	8	04	4	0	0	—	10.4	35.0	46	0	148
BAHARÎYA	01	8	16	1	1	4	8	10.6	37.7	18	0	149
KHÂRGA	00	9	00	0	0	0	—	—	36.7	19	0	151
DAKHLA	00	9	14	1	0	0	—	10.3	36.2	39	0	152
RED SEA												
TÔR	00	7	28	3	0	0	—		30.9	52	0	145
HURGHÂDA												146
QUSEIR	01	8	32	2	1	4	4	11.9	30.5	49	0	147
PORT SÛDÂN	00	8	02	3	0	0	—	7	34	53		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	2	0	0	—	9	37	10		165
KAREIMA	00	9	14	2	0	1	2	7	40	08		166
'ATBARA	01	7	04	1	0	3	8	5	41	10		167
KHARTÛM	00	8	28	2	1	1	8,4	5	39	28		209
KASSALA	00	8	16	1	0	3	8	5	37	31		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	24	2	1	4	8	5	37	19		171
RENK	01	9	20	2	1	4	8	8	32	63		182
ROSEIRES	00	8	20	1	1	0	—	8	31	59		172
EL OBEID	01	9	00	0	1	4	8,1	8	36	24		174
EL FÂSHER	00	8	04	2	0	2	8	—	36	10		175
GENEINA	00	8	12	2	0	3	8,2	—	32	43		179
KADUGLI	01	8	10	2	1	4	4	8	31	59		187
S. SÛDÂN												
MALAKÂL	01	8	20	2	1	4	9	8	32	55		176
WÂU	02	8	10	1	1	5	8,4	8	32	46		177
JUBA												173

At 20h. on 2nd — الساعة ٢٠ يوم ٢ الخميس

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C ttt	% HUMIDITY uu	RAIN 14-20h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	06	3	0	0	—	15.0	24.8	86	0
MARIUT	00	7	04	3	0	1	4	15	25	74	0
ALEXANDRIA	01	5	08	3	1	3	4	15.5	25.0	76	0
DAMIETTA	00	6	06	2	0	0	—	15.0	25.8	72	0
PORT SA'ÎD											
EL 'ARÎSH	00	9	28	3	0	0	—	13.9	27.1	89	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	0	0	—	14.8	24.0	75	0
MANSÛRA	00	6	04	1	0	0	—	15.5	25.3	72	0
TANTA	00	8	00	0	0	0	—	15.6	25.5	72	0
ZAGAZIG	00	6	32	2	0	0	—	14.2	25.2	73	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	14.8	26.2	61	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	04	2	0	0	—	13.9	29.8	42	0
CAIRO EZBEKÎYA	00	7	02	2	0	0	—	14.4	27.7	51	0
CAIRO GÎZA	00	6	04	2	0	0	—	14.3	28.7	46	0
HELWÂN	00	6	32	4	0	0	—	13.6	29.8	32	0
SUEZ	00	9	02	1	0	0	—		22.7	75	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	13.5	26.1	54	0
MINYA	00	9	32	2	0	0	—	13.4	27.0	49	0
ASYÛT	00	6	22	1	0	0	—	13.0	27.3	42	0
NAG' HAMÂDI	00	8	00	0	0	0	—	12.0	24.0	57	0
QENA	01	6	24	2	1	4	3	12.0	27.8	45	0
LUXOR	00	8	26	2	0	0	—	11.8	25.3	47	0
ASWÂN	00	9	32	2	0	0	—	10.0	34.0	20	0
WESTERN DESERT											
SÎWA			00	0	0	0	—	10.4	25.6	50	0
BAHARÎYA	00	7	08	1	0	0	—	11.8	29.0	79	0
KHÂRGA	00	9	00	0	0	0	—	—	29.0	25	0
DAKHLA	00	8	00	0	0	0	—	10.7	31.8	39	0
RED SEA											
TÔR	00	7	28	1	0	0	—	11.6	27.2	60	0
HURGHÂDA											
QUSEIR	00	8	30	2	1	3	4	12.0	29.0	56	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 8h. on Friday 3rd — الساعة ٨ يوم ٣ الجمعة

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C ttt	MAXIMUM Yesterday °C mm	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY uu	RAINFALL Past 24 hrs. mms	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				0
MATRÛH	01	9	06	2	1	4	0	17.2	+1.6	25.0	27	0	24	+4	78	0	0	1
MARIUT	01	7	05	3	0	4	4,4	16		26	29	—	22	—	79	0	0	0
ALEXANDRIA	02	9	08	3	2	5	4	16.7	+1.2	26.4	29	0	23	+2	73	0	0	0
DAMIETTA	00	7	04	3	0	0	—	15.8	+1.2	26.9	30	—	23	—	70	0	0	0
PORT SA'ÎD	00	7	06	4	0	0	—			27	30				70	0	0	0
EL 'ARÎSH	00	9		1	0	0	—	15.8	+1.3	28.8	34	+5	18	0	57	0	0	0
LOWER EGYPT																		
DAMANHÛR	01	7	12	4	1	3	8	15.9	+0.5	24.0	33	+2	20	+2	68	0	0	0
MANSÛRA	00	8	04	1	0	0	—	16.0	+1.0	26.8	35	+3	22	+3	77	0	0	0
TANTA	00	8	04	3	0	0	—	16.3	+0.9	23.8	35	+3	19	+2	93	0	0	0
ZAGAZIG	00	6	08	2	0	0	—	15.0	−0.5	26.2	36	+4	21	+4	72	0	0	0
SHEBÎN EL KÔM	00	8	04	2	0	1	8	15.4	+0.1	24.8	37	—	19	—	82	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	32	1	0	0	—	14.8	−0.2	25.3	35	—	22	—	49	0	0	—
CAIRO EZBEKÎYA	05	6	00	0	0	0	—	15.4	+0.4	24.1	35	+4	21	+2	58	0	0	0
CAIRO GÎZA	05	6	00	0	0	0	—	15.4	+0.4	24.6	36	+5	19	+3	63	0	0	0
HELWÂN	05	5	06	1	0	0	—	15.1	+0.2	23.2	35	+4	22	+3	65	0	0	0
SUEZ	00	9	00	0	0	0	—			26.5	36	+4	21	+1	55	0	0	0
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	14.4	−0.7	26.8	34	+2	19	+1	50	0	2	0
MINYA	00	9	32	2	0	0	—	14.3	−0.2	27.0	33	+2	20	+2	43	0	0	—
ASYÛT	00	7	12	2	0	0	—	13.5	−0.2	28.0	36	+4	21	+1	33	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	12.6	+0.2	26.0	37	—	16	—	47	0	0	—
QENA	01	7	24	2	1	3	3	12.8	+0.3	26.6	39	+3	20	0	63	0	0	—
LUXOR	00	9	30	2	0	0	—	12.3	+0.1	30.0	36	−2	19	−1	41	0	0	—
ASWÂN	00	9	32	2	0	0	—	11.6	+0.1	29.0	39	+1	24	+1	32	0	0	—
WESTERN DESERT																		
SÎWA	00	7	04	4	0	0	—	15.0	−1.7	24.0	37	+2	22	+6	91	0	0	0
BAHARÎYA	00	8	00	0	0	0	—	13.4	−2.3	28.0	38	+6	19	+2	39	0	0	0
KHÂRGA	00	9	00	0	0	0	—			27.8	38	+2	22	+2	34	0	0	—
DAKHLA	00	8	00	0	0	0	—	13.1	−1.0	29.9	38	+3	20	+1	38	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—	11.5	−0.2	28.3	33	+3	19	−1	67	0	0	0
HURGHÂDA																		0
QUSEIR	00	8	32	2	0	0	—	12.3	+0.6	30.6	32	0	21	−4	38	0	0	0
PORT SÛDÂN	00	8	00	0	0	0	—	9		32			24		52	0	0	0
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	1	4	11		27			21		19	0	0	—
KAREIMA	01	8	08	2	1	4	1	10		30			27		27	0	0	0
'ATBARA	00	7	04	1	0	1	4	7		31			26		29	0	0	0
KHARTÛM	00	8	28	1	0	1	2	8		29			26		43	0	0	0
KASSALA	00	8	20	3	1	3	1	10		29			23		59	0	0	0
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	20	3	1	3	3	9		28					58	0	0	0
RENK												—		—		—	—	1
ROSEIRES	00	8	14	1	1	0	—	10		23					94	0	0	1
EL OBEID																0	0	0
EL FÂSHER	01	7	00	0	1	3	1	—	—	26			21		45	0	0	0
GENEINA	00	8	08	2	0	2	4	—	—	21		—	16	—	57	—	—	0
KADUGLI	01	8	28	1	1	5	5	10		25		—		—	84	—	—	5
S. SÛDÂN																		
MALAKÂL	02	8	12	2	1	6	4,5	11		27			23		84	0	0	4
WÂU																0	9	5
JUBA																0	17	4

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12h. 45m.	KHARTÛM h. m.	KASSALA 12h. m.	EL OBEID 12h. m.	MALAKAL 12h. m.	JUBA h. m.
							03 01 15	03 04 15		06 22 05	06 15 10	06 20 15	
							06 02 15	06 02 20		09 23 02	09 10 05	09 21 15	
							09 03 15	09 01 15		12 23 02	12 09 05	15 17 20	
							15 21 05	15 01 05		21 15 05	15 10 15	21 14 10	
							21 20 25	21 09 10			21 08 20	30 10 15	
								30 12 10			30 09 20	39 09 20	
								39 10 10			39 10 20	45 09 15	
								45 05 10			42 10 20	60 10 35	
								60 13 20				63 09 30	

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 7h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7h. 30m.	ABU HAMAD h. m.	KAREIMA 7h. m.	KHARTÛM h. m.
03 05 25								09 03 20		09 04 00	
06 06 30								15 10 15		15 08 30	
09 08 25								21 36 05		21 04 30	
12 06 35								30 17 15		30 06 15	
15 08 35								33 17 20		33 12 15	
18 07 30								39 17 30		39 11 15	

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID h. m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 05 20	09 28 20		09 00 00		09 20 05
15 11 15	15 37 25		15 10 10		15 20 00
21 11 25	21 28 25		21 09 30		21 11 05
30 15 05			30 11 35		30 06 15
33 16 10			39 09 35		33 06 20
					39 09 20

CYPRUS SYNOPTIC 8h ON 3rd
34700 00890 00000 16221 40302 00XX0
34850 00951 28201 17210 80401 00150

UPPER AIR TEMP. ALMÂZA

AT G.M.T ON

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

Remarks

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

STATION	Mean of day: Humidity % on 3rd	Humidity Diff from normal	Wet Bulb Temp °C on 3rd	Wet Bulb Temp Diff from normal
Alexandria	71	+4	22.3	+1.5
Ezbekiya	53	−12	20.9	+0.7
Giza	48	−20	21.0	+0.9
Helwân	36	−18	19.1	+0.4

GÎZA — GRASS MINIMUM TEMP. ON 3rd 15.2 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser		10.87	+0.41	10.87	+0.42
Malakâl		12.34	+0.12	12.33	+0.12
J. Aulia Res.		377.29	—	377.30	—
J. Aulia D.S		374.51	−0.32	374.58	−0.30
Roseires		17.62	+0.34	17.70	+0.33
Sennar Res.		17.51	—	17.50	—
Khartûm		14.68	−0.25	14.74	−0.23
Kh. el Girba		12.64	+0.60	12.86	+0.56
'Atbara		14.08	+0.06	14.18	+0.09
Kajnarti		140.84	+0.34	140.97	+0.40
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.56	+0.10	91.61	+0.11
Roda (Cairo)		18.27	−0.20	18.28	−0.20

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	3-10	7085	8670
	2-10	7194	8866

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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. 05 m. 49
Sunset h. 17 m. 38

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *October* 1947 — شهر أكتوبر ١٩٤٧

1417 F.C.

At 14h. on *Friday 3rd* (الساعة ١٤ يوم الجمعة ٣/١٠) — At 20h. on *3rd* (الساعة ٢٠ يوم الجمعة ٣)

Region	Station	14h WW	V	DD	F	W	N	C	PPP (mbs. 1000+)	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	01	9	04	2	0	4	8	16.8	26.7	83	0	01	8	06	1	0	5	8	17.1	24.6	77	0	131
	MARIUT	00	7	05	5	0	3	4	15	29	66	0	00	7	03	3	0	0	—	16	24	74	0	150
	ALEXANDRIA	01	9	14	5	2	3	4	15.5	27.0	69	0	01	5	02	4	2	4	4	16.2	25.0	74	0	132
	DAMIETTA	00	8	04	3	0	0	—	15.2	27.0	69	0	00	6	44	3	0	0	—	15.5	25.0	74	0	159
	PORT SA'ÎD	00	8	04	4	0	0	—	16	28	66	0	00	7	04	4	0	0	—	16	26	70	0	134
	EL 'ARÎSH	00	9	32	4	0	0	—	14.7	28.1	86	0	00	9	28	3	0	0	—	13.9	26.1	79	0	135
LOWER EGYPT	DAMANHÛR	01	7	04	4	1	3	8	15.8	31.2	38	0	00	7	32	3	1	0	+	15.5	22.8	78	0	136
	MANSÛRA	00	8	04	2	1	2	8	15.1	32.2	51	0	00	6	02	2	1	0	—	15.8	24.8	69	0	137
	TANTA	01	8	08	4	1	4	8	14.8	33.0	41	0	01	8	27	2	1	4	8	15.4	23.0	83	0	138
	ZAGAZIG	00	6	32	3	0	0	—		33.2	42	0	00	6	32	2	0	0	—	13.8	24.4	73	0	139
	SHEBÎN EL KÔM	00	8	04	3	0	0	—	14.6	34.1	35	0	00	7	04	2	0	0	—	15.4	25.0	74	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	04	4	0	0	—	12.5	36.0	27	0	00	7	04	5	0	0	—	14.1	27.1	72	0	141
	CAIRO EZBEKÎYA	00	8	02	4	0	0	—	13.0	36.2	21	0	00	7	02	5	0	0	—	14.6	26.9	65	0	—
	CAIRO GÎZA	00	8	02	1	0	0	—	12.8	35.4	23	0	00	7	02	3	0	0	—	15.1	26.7	68	0	—
	HELWÂN	00	8	02	4	0	0	—	12.2	36.6	13	0	14	6	04	7	0	0	—	13.4	27.2	54	0	143
	SUEZ	00	9	02	1	0	0	—		35.1	25	0	00	9	32	2	0	0	—		28.9	52	0	144
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	11.8	36.4	39	0	00	8	02	4	0	0	—	12.3	29.4	50	0	153
	MINYA	00	9	32	2	0	0	—	11.1	37.0	22	0	00	9	32	1	0	0	—	13.1	31.0	32	0	154
	ASYÛT																							155
	NAG' HAMÂDI	00	8	00	0	0	0	—	9.6	37.1	36	0	00	8	00	0	0	0	—	9.9	27.8	48	0	164
	QENA	01	9	24	2	1	3	3	8.8	37.0	36	0	00	6	24	2	1	0	—	9.1	29.4	43	0	156
	LUXOR	00	9	16	2	0	0	—	8.8	37.7	29	0	00	8	22	2	0	0	—	9.4	27.3	47	0	157
	ASWÂN	00	9	32	2	0	0	—	8.3	39.0	17	0												158
WESTERN DESERT	SÎWA	00	9	30	3	0	0	—	14.4	35.0	46	0	00		04	3	0	0	—	14.2	29.6	49	0	148
	BAHARÎYA	00	8	24	1	0	0	—	11.9	38.4	18	0	00	7	32	1	0	0	—	11.8	30.5	29	0	149
	KHÂRGA	00	9	02	1	0	0	—	—	38.1	12	0	00	9	00	0	0	0	—		31.5	16	0	151
	DAKHLA	00	9	28	1	0	0	—	10.6	37.8	34	0	00	8	00	0	0	0	—	10.8	30.9	38	0	152
RED SEA	TÔR	00	7	28	4	0	0	—	11.8	30.8	55	0	00	7	28	3	0	0	—	9.0	27.2	64	0	145
	HURGHÂDA												00	8	00	0	0	0	—		25		0	146
	QUSEIR	00	8	32	2	1	2	4	11.4	32.3	44	0	01	8	28	2	1	4	4	10.3	29.4	50	0	147
	PORT SÛDÂN	01	7	02	4	1	3	1	7	33	65													208
NORTH SÛDÂN	WÂDI HALFA	00	8	02	3	0	2	4	7	40	05													165
	KAREIMA	01	9	32	2	1	4	8,4	6	42	09													166
	'ATBARA	00	8	02	2	1	3	8	4	41	10													167
	KHARTÛM	00	8	02	4	0	0	—	4	42	10													209
	KASSALA	01	8				4	8	2	39	26													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	16	3	0	4	8	4	34	36													171
	RENK																							182
	ROSEIRES	00	8	20	1	0	0	—	6	32	63													172
	EL OBEID	01	8	04	3	0	5	8,4	4	37	13													174
	EL FÂSHER	01	7	08	2	1	4	8,1	—	36	25									—				175
	GENEINA	02	8	14	4	1	5	8,2	—	33	34									—				179
	KADUGLI	02	9	04	1	2	6	4	7	31	55													187
S. SÛDÂN	MALAKÂL	—																						176
	WÂU																							177
	JUBA	01	8	30	1	1	4	8,1	5	33	47													173

UPPER WINDS ON 3rd (الرياح العليا يوم ٣)

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. m.	13h. 30m.	h. m.	h. m.
										06 26 05	06 04 05		
										09 00 00	09 08 10		
										15 00 00	15 09 10		
										21 08 10	21 11 15		
										24 08 05	24 08 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	1947	1946
	4-10	6975	8444
	3-10	7035	8670

STATION	Mean of day: Humidity % on 3rd	Diff from normal	Wet bulb temp °C on 3rd	Diff from normal
Alexandria	72	+5	22.6	+1.9
Ezbekiya	56	-9	20.8	+0.7
Giza	60	-8	21.2	+1.1
Helwân	54	0	19.7	+1.1

GÎZA — GRASS MINIMUM TEMP ON *4th* 13.7 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	10				
Nâsser				10.87	+0.41
Malakâl		12.35	+0.12	12.34	+0.12
J. Aulia Res.				377.29	—
J. Aulia D.S				374.51	-0.32
Roseires		17.56	+0.39	17.62	+0.34
Sennar Res.				17.51	—
Khartûm				14.68	-0.25
Kh. el Girba				12.84	+0.60
'Atbara		14.02	+0.07	14.08	+0.06
Kajnarti				140.84	+0.34
Aswân Res.	4	98.50	—	98.50	—
Aswân D.S		91.50	+0.11	91.56	+0.10
Roda (Cairo)		18.23	-0.22	18.27	-0.20

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

At 8h. on *Saturday 4th* (الساعة ٨ يوم السبت ٤)

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												—		—				0
	MATRÛH	01	9	02	2	0	4	8	18.4	+2.7	24.2	27	0	22	+2	80	0	0	1
	MARIUT	00	7	02	2	0	3	6	17		26	29	—	22	—	66	0	0	1
	ALEXANDRIA	01	9	04	2	2	4	4	17.8	+2.2	25.2	29	0	23	+2	69	0	0	0
	DAMIETTA	00	8	02	2	0	0	—	16.0	+1.3	25.2	29	—	21	—	69	0	0	0
	PORT SA'ÎD	00	7	03	3	0	0	—	17		26	28		24		62	0	0	0
	EL 'ARÎSH	00	9	06	3	0	0	—	16.0		26.1	30	+1	23	+5	71	0	0	0
LOWER EGYPT	DAMANHÛR	00	6	08	2	0	0	—	17.2	+1.7	24.3	32	+1	20	+2	68	0	0	0
	MANSÛRA	00	8	02	1	0	0	—	17.2	+2.1	24.8	33	+1	20	+1	71	0	0	0
	TANTA	00	8	32	1	0	0	—	17.9	+2.4	24.5	34	+2	18	+1	80	0	0	0
	ZAGAZIG	00	6	04	2	0	0	—	16.3	+0.7	24.2	34	+2	19	+2	91	0	0	0
	SHEBÎN EL KÔM	00	8	02	2	0	0	—	17.1	+1.7	23.2	35	—	19	—	76	0	0	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	04	2	0	0	—	16.4	+1.4	23.1	36	—	20	—	80	0	0	—
	CAIRO EZBEKÎYA	05	6	02	2	0	0	—	16.6	+1.6	23.4	37	+6	20	+1	77	0	0	0
	CAIRO GÎZA	00	7	28	1	0	0	—	16.7	+1.6	24.5	37	+6	20	+4	73	0	dr	0
	HELWÂN	00	7	04	5	0	0	—	15.2	+0.2	24.9	38	+7	22	+3	62	0	0	0
	SUEZ	00	9	30	1	0	0				27.7	36	+4	21	+1	42	0	0	0
UPPER EGYPT	FAIYÛM	00	8	02	3	0	0	—	15.4	+0.3	24.0	38	+6	21	+3	72	0	2	0
	MINYA	00	9	32	3	0	0	—	14.2	-0.4	22.2	38	+7	21	+3	73	0	0	—
	ASYÛT	00	8	22	2	0	0	—	13.9	+0.1	26.1	38	+7	20	0	55	0	0	0
	NAG' HAMÂDI	00	8	00	0	0	0	—	12.7	+0.2	27.4	38	—	18	—	64	0	0	—
	QENA	00	7	24	2	0	0	—	11.8	-0.8	25.2	39	+3	22	+2		0	0	—
	LUXOR	00	9	10	2	0	0	—	11.5	-0.8	27.5	39	+1	20	0	54	0	0	—
	ASWÂN	01	9	32	2	1	4	4	11.1	-0.5	28.7	40	+2	25	+2	32	0	0	—
WESTERN DESERT	SÎWA	00	7	04	2	0	0	—	18.4	+1.6	23.0	36	+2	20	+4	91	0	0	0
	BAHARÎYA	00	8	04	2	0	0	—	14.7	-1.1	24.5	39	+7	21	+4	64	0	0	0
	KHÂRGA	00	9	00	0	0	0	—			27.7	39	+3	25	+5	36	0	0	—
	DÂKHLA	00	8	28	1	0	0	—	14.3	+0.1	30.1	38	+3	23	+4	51	0	0	—
RED SEA	TÔR	00	7	04	1	0	0	—	12.4	+0.6	27.1	31	+1	19	-1	54	0	0	0
	HURGHÂDA	00	8	30	1	0	0	—	12		27	31		21		62	0	0	0
	QUSEIR	00	8	32	2	0	0	—	12.0	+0.2	30.0	33	+2	25	+1	42	0	0	0
	PORT SÛDÂN	01	8	30	2	0	3	4	9		32			26		63	0	0	0
NORTH SÛDÂN	WÂDI HALFA	00	8	04	1	0	0	—	10		28			22		25	0	0	—
	KAREIMA	00	9	10	2	0	0	—	8		31			28		22	0	0	0
	'ATBARA	00	7	04	2	0	0	—	8		32			26		16	0	0	0
	KHARTÛM	01	8	22	2	1	4	2	8		31			26		69	0	0	0
	KASSALA	00	8	20	2	0	0	—	9		28			23		66	0	0	0
CENTRAL SÛDÂN	WAD MEDANI	00	9	16	1	0	0	—	9		27					70	0	0	1
	RENK												—		—	—	—	—	3
	ROSEIRES																0	0	2
	EL OBEID	01	9	20	4	1	4	4,2	10		27			22		58	0	0	1
	EL FÂSHER	02	8	32	1	1	6	2	—	—	24			18		34	0	0	0
	GENEINA								—	—			—		—		—	—	0
	KADUGLI												—		—		—	—	10
S. SÛDÂN	MALAKÂL																18	18	8
	WÂU																3	12	10
	JUBA																7	18	8

UPPER WINDS ON 4th (الرياح العليا يوم ٤)

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h. m.	h. m.	h. m.	9h. 30m.	h. m.	7h. m.	7h. m.	h. m.	7h. m.	h. m.	7h. m.	h. m.
03 01 20			05 06 30		02 02 10	03 36 05		03 02 25		03 06 20	
06 01 20			10 12 15		05 05 20	06 01 15		06 03 45		06 07 45	
09 02 20			15 17 10		10 02 35	09 01 15		09 03 40		09 07 40	
12 36 20			20 28 10		15 35 45	12 32 05		15 07 20		15 05 25	
			30 34 10			15 24 05		21 05 15		21 05 30	
			40 31 10			18 21 10				30 03 15	
			50 25 20			21 22 05				39 36 05	
			60 22 30			24 21 15				45 05 05	
			70 26 25							60 04 05	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7h. m.	7h. 15m.	h. m.	h. m.	h. m.
	06 36 15	06 34 25			
	09 07 15	09 25 40			
	15 06 30	15 28 25			
	21 08 35	21 04 10			
	30 09 35				
	33 09 30				
	39 12 20				

CYPRUS SYNOPTIC 8h ON *4th*

34700 00990 00000 11211 40305 00160
34800 00990 20520 16221 20103 00150

UPPER AIR TEMP. ALMÂZA — 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			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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. 05 80
Sunset h. m. 17 37

Month October 1947 — شهر أكتوبر ١٩٤٧

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

DAILY WEATHER REPORT

At 14h. on Saturday 4th (الساعة ١٤ يوم ٤/١٠)

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	02	2	0	0	—	17.9	25.2	57	0
MARIUT	00	7	30	2	0	2	6	17	26	62	0
ALEXANDRIA	00	9	02	3	3	0	—	16.4	26.0	66	0
DAMIETTA	00	8	02	2	0	0	—	15.6	26.3	63	0
PORT SA'ÎD											
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	00	7	04	3	0	0	—	16.2	28.3	50	0
MANSÛRA	00	8	02	1	0	0	—	15.8	30.8	46	0
TANTA	00	8	32	3	1	0	—	15.4	31.6	40	0
ZAGAZIG	00	6	04	3	0	0	—	15.2	31.2	48	0
SHEBÎN EL KÔM	00	8	04	3	0	0	—	15.2	32.4	42	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	8	02	4	0	0	—	13.8	31.3	38	0
CAIRO EZBEKÎYA	00	8	32	4	0	0	—	14.4	31.7	43	0
CAIRO GÎZA	00	8	02	2	0	0	—	15.2	31.5	41	0
HELWÂN	00	8	02	4	0	0	—	13.5	32.8	30	0
SUEZ	00	9	32	1	0	0	—		33.7	31	0
UPPER EGYPT											
FAIYÛM	00	8	02	4	0	0	—	13.2	32.0	40	0
MINYA	00	9	32	3	0	0	—	12.0	35.4	33	0
ASYÛT	00	8	24	1	0	0	—	11.2	35.1	28	0
NAG' HAMÂDI	00	8	24	1	0	0	—	9.1	36.4	27	0
QENA	00	9	24	2	0	0	—	8.4	37.6	37	0
LUXOR	00	9	06	2	0	0	—	9.1	38.5	25	0
ASWÂN	00	9	30	2	0	0	—	7.5	40.0	12	0
WESTERN DESERT											
SÎWA	00	8	04	2	0	0	—	17.0	32.0	28	0
BAHARÎYA	00	8	32	1	0	0	—	12.0	34.5	32	0
KHÂRGA	00	9	30	1	0	0	—		38.5		0
DAKHLA	00	9	28	2	0	0	—	10.6	38.2	35	0
RED SEA											
TÔR	00	7	28	4	0	0	—	10.8	30.2	62	0
HURGHÂDA											
QUSEIR	00	8	02	3	0	0	—	11.0	31.6	46	0
PORT SÛDÂN	00	8	04	3	0	1	4	6	34	47	
NORTH SÛDÂN											
WÂDI HALFA	00	8	02	2	0	0	—	7	41	11	
KAREIMA											
'ATBARA	00	7	32	2	0	0	—	3	41	13	
KHARTÛM	01	8	32	1	1	5	8	4	41	28	
KASSALA	01	8	20	1	1	4	8	4	37	31	
CENTRAL SÛDÂN											
WAD MEDANI	01	8	20	3	0	3	8	4	38	29	
RENK	01	9	20	2	1	5	8	8	32	63	
ROSEIRES											
EL OBEID	02	9	24	3	1	7	4,2	4	36	31	
EL FÂSHER	01	8	04	2	1	4	1	—	37	12	
GENEINA	01	8	16	1	1	5	2	—	33	32	
KADUGLI	01	8	20	2	1	4	1	8	30	59	
S. SÛDÂN											
MALAKÂL	00	8	06	3	0	1	4	6	40	11	
WÂU											
JUBA											

At 20h. on 4th (الساعة ٢٠ 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 Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h. mms	Station Number
SALÛM												130
MATRÛH	00	8	32	1	0	0	—	17.6	23.4	82	0	131
MARIUT	00	7	32	2	0	3	6	16	23	74	0	150
ALEXANDRIA	01	5	04	3	2	4	4	16.8	23.4	69	0	132
DAMIETTA	00	6	30	2	0	0	—	15.4	23.2	88	0	159
PORT SA'ÎD	00	7	03	2	0	0	—	15	25	74	0	134
EL 'ARÎSH	00	9	30	3	0	0	—	14.3	26.7	80	0	135
DAMANHÛR	00	7	32	3	0	0	—	16.2	22.3	78	0	136
MANSÛRA	00	6	32	2	0	0	—	15.9	22.8	78	0	137
TANTA	00	8	32	1	0	0	—	16.4	22.3	88	0	138
ZAGAZIG	00	6	32	2	0	0	—	15.0	23.4	75	0	139
SHEBÎN EL KÔM	00	7	04	2	0	0	—	16.2	23.0	76	0	—
CAIRO ALMÂZA	00	7	02	2	0	0	—	14.5	26.2	64	0	141
CAIRO EZBEKÎYA	00	7	02	2	0	0	—	14.7	25.4	61	0	—
CAIRO GÎZA	00	7	04	2	0	0	—	15.0	25.5	57	0	—
HELWÂN	00	7	04	5	0	0	—	13.8	25.9	52	0	143
SUEZ	00	9	32	2	0	0	—		27.3	53	0	144
FAIYÛM	00	8	32	3	0	0	—	13.4	27.6	64	0	153
MINYA	00	9	32	2	0	0	—	12.6	31.0	40	0	154
ASYÛT	00	6	26	1	0	0	—	11.6	26.1	39	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	10.2	26.4	56	0	164
QENA	00	6	24	2	0	0	—	10.0	28.2	51	0	156
LUXOR	00	8	30	2	0	0	—	9.6	30.0	36	0	157
ASWÂN	00	9	00	0	0	0	—	8.8	35.0	19	0	158
SÎWA	00		00	0	0	0	—	16.8	27.0	31	0	148
BAHARÎYA	00	7	32	3	0	0	—	13.5	26.5	53	0	149
KHÂRGA	00	9	00	0	0	0	—		30.7		0	151
DAKHLA	00	8	00	0	0	0	—		32.6	41	0	152
TÔR	00	7	28	2	0	0	—	9.5	28.2	64	0	145
HURGHÂDA	00	8	00	0	0	0	—		26	66	0	146
QUSEIR	00	8	28	2	0	0	—	9.9	29.2	35	0	147
PORT SÛDÂN												208
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER								—				175
GENEINA								—				179
KADUGLI												187
MALAKÂL												176
WÂU												177
JUBA												173

At 8h. on Sunday 5th (الساعة ٨ يوم الأحد ٥)

STATION	ww	V	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 °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												—		—				1
MATRÛH	01	9	04	1	0	3	8	17.5	+1.7	24.2	26	-1	18	-2	76	0	0	2
MARIUT	01	7	32	2	1	3	6	16		26	29	—	21	—	58	0	0	1
ALEXANDRIA	01	9	04	2	1	4	8	16.3	+0.6	24.7	28	-1	22	+1	61	0	0	0
DAMIETTA	01	7	14	1	1	3	6	15.4	+0.6	25.2	27	—	18	—	71	0	0	0
PORT SA'ÎD	00	7	32	1	1	2	6	16		26	29		24		62	0	0	0
EL 'ARÎSH	00	9	16	1	0	0	—	15.0	+0.3	25.1	29	0	18	0	77	0	0	0
DAMANHÛR	00	6	28	2	0	0	—	16.7	+1.1	23.4	29	-2	18	0	74	0	0	0
MANSÛRA	01	8	02	1	1	4	6	16.4	+1.2	23.8	32	0	19	+1	71	0	0	0
TANTA	00	8	00	0	0	0	—	16.8	+1.2	22.0	32	0	16	-1	82	0	0	0
ZAGAZIG	02	6	32	2	1	5	8	16.2	+0.5	23.2	32	+1	18	+1	76	0	0	0
SHEBÎN EL KÔM	00	8	02	2	0	0	—	16.6	+1.1	21.0	33	—	18	—	83	0	0	—
CAIRO ALMAZA	00	7	02	2	0	3	6	16		22	32	—	19	—	78	0	0	—
CAIRO EZBEKÎYA	05	6	02	3	1	4	8	15.9	+0.8	21.9	32	+1	19	+1	80	0	0	0
CAIRO GÎZA	02	6	30	2	1	5	8	16.3	+1.1	23.4	32	+1	20	+4	71	0	dr	0
HELWÂN	00	7	32	2	0	1	6	16.2	+1.1	23.1	33	+2	20	+1	76	0	0	0
SUEZ	01	9	32	1	1	4				24.2	35	+3	21	+1	76	0	0	0
FAIYÛM	00	8	00	0	0	0	—	15.5	+0.3	22.0	33	+1	20	+2	77	0	2	0
MINYA	01	8	32	3	1	3	8	15.1	+0.4	24.0	36	+5	21	+3	75	0	0	—
ASYÛT	00	7	28	1	0	0	—	14.0	+0.1	24.0	37	+6	21	+1	66	0	0	0
NAG' HAMÂDI	00	8	32	1	0	0	—	13.7	+0.1	26.4	38	—	19	—	69	0	0	—
QENA	00	7	28	2	0	0	—	12.2	-0.5	25.3	39	+3	22	+2	55	0	0	—
LUXOR	00	9	[illegible]	2	0	0	—	12.3	-0.1	28.8	40	+2	21	+1	44	0	0	—
ASWÂN	00	9	32	2	0	0	—	10.7	-1.0	31.5	41	+3	25	+3	29	0	0	—
SÎWA	00	7	00	0	0	0	—	18.3	+1.5	22.0	33	0	20	+4	66	0	0	0
BAHARÎYA	00	8	32	1	0	0	—	16.3	+0.5	22.0	35	+3	18	+1	66	0	0	0
KHÂRGA	00	9	32	2	0	0	—			27.8	39	+3	20	0	42	0	0	—
DÂKHLA	00	8	28	1	0	0	—	13.9	-0.4	27.3	38	+3	21	+2	63	0	0	—
TÔR	00	7	28	2	0	0	—	10.8	-1.2	25.3	32	+2	18	-2	58	0	0	0
HURGHÂDA																		0
QUSEIR	00	8	32	3	0	0	—	11.5	-0.4	29.0	32	+1	25	+1	60	0	0	0
PORT SÛDÂN	00	7	30	1	0	3	4	8		32			19		52	0	0	1
WÂDI HALFA																0	0	—
KAREIMA																0	0	0
'ATBARA	00	7	12	2	0	0	—	7		32			24		21	0	0	0
KHARTÛM	00	8	22	3	1	2	2	8		30			23		62	0	0	0
KASSALA	02	8	16	3	0	5	5	9		28			23		74	0	0	1
WAD MEDANI	00	9	16	3	0	2	3	10		26					70	0	0	1
RENK	00	9	16	3	0	0	—	11		24		—		—	84	—	—	4
ROSEIRES	00	8	16	1	1	0	—	9		26					79	0	0	3
EL OBEID	02	9	18	4	1	7	4	9		29			23		40	0	0	1
EL FÂSHER	00	8	00	0	0	0	—	—	—	25			24		32	0	0	0
GENEINA								—	—			—		—		—	—	1
KADUGLI	01	8	12	2	1	5	4	10		25		—		—	94	—	—	15
MALAKÂL																0	18	12
WÂU	01	8	16	1	1	4	4	9		24			23		84	0	12	15
JUBA	02	8	18	3	1	6	2	10		25			22		84	dr	18	12

UPPER WINDS ON 4th (الرياح العليا يوم ٤)

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

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	h. m.	13 h. m.	13 h. m.	13 h. m.	h. m.
							09 03 25			09 28 05	09 27 15	09 05 30	
							15 03 10			15 23 05	15 23 10	15 05 20	
							21 05 10			21 01 15	21 11 10	21 05 30	
							30 02 15			30 03 20	24 09 15	30 36 20	
							39 30 20			33 05 20		33 33 15	
							45 32 15					39 31 15	
												45 31 25	

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

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

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6 h. 30 m.	h. m.	h. m.	9 h. 30 m.	h. m.	7 h. m.	6 h. 45 m.	7 h. m.	h. m.	7 h. m.	7 h. m.	6 h. 30 m.
03 01 20			05 04 15		02 35 10	03 33 05	02 02 20		06 11 15	03 05 05	06 23 35
06 35 15			10 03 10		05 01 30	06 12 30	05 04 35		09 15 20	06 06 35	09 24 35
09 34 20			15 30 20		10 03 30	09 35 20	10 04 35		15 12 25	09 04 30	15 13 15
12 34 20			20 23 15			12 36 05	15 05 20		21 09 30	15 06 25	21 03 20
15 33 20			25 22 25			15 07 05	20 14 10		24 09 35	21 08 20	24 02 25
18 33 35			30 22 10			18 15 05	25 17 10			24 08 20	
21 33 25			40 24 20			21 07 40	30 21 05				
			50 25 25			24 33 05	40 22 10				
			60 24 30				50 28 15				

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	h. m.	7 h. m.	7 h. m.	h. m.	h. m.
06 19 20		06 22 25	09 04 20		
09 21 25		09 22 35	15 05 20		
15 23 05		15 29 20	21 03 20		
21 24 15		21 03 35	24 03 20		
		24 05 25	30 03 25		

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			

CYPRUS SYNOPTIC 8h ON 5th
34700 00990 00000 15220 80302 00170
38900 00990 28200 15221 60801 00160

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	67	0	20.6	-0.1
Ezbekiya	63	-2	21.2	+1.2
Giza	59	-9	21.1	+1.1
Helwân	51	-3	20.1	+1.5

GÎZA — GRASS MINIMUM TEMP. ON 5th 15.3 °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
5-10	6892	8186
4-10	6975	8644

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				10.88	+0.42
Malakâl		12.35	+0.12	12.35	+0.12
J. Aulia Res.	10			377.32	—
J. Aulia D.S				374.43	-0.35
Roseires		17.26	+0.20	17.56	+0.39
Sennar Res.				17.50	—
Khartûm		14.54	-0.25	14.58	-0.28
Kh. el Girba				12.82	+0.66
'Atbara		13.96	+0.07	14.02	+0.07
Kajnarti				140.67	+0.24
Aswân Res.	5	98.50	—	98.60	—
Aswân D.S		91.34	+0.03	91.50	+0.11
Roda (Cairo)		18.26	-0.11	18.23	-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 or Haze 08; Distant Fog 09; Rain in sight 10; Thunder, no rain 11; Distant Duststorm 12; Squally 14; Slight Duststorm 18; Rain in past hour 20-29; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick ,, ,, ,, ,, 42; Fog in patches 49; Drizzle 50-59; Rain 60-69; Rain and Fog 67; Rain and Snow 68, 69; Snow 70-79; Showers 80-89; ,, of Snow 83, 84; ,, of Sleet 85, 86; ,, of Hail 88, 89; Thunderstorm 90-99; ,, ended, now Rain 91; ,, with Hail 94-96; ,, with Duststorm 98; ,, heavy, with Hail 99

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

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

CLOUD 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 6h 59m
Sunset 17h 36m

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

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on Sunday 5th — الساعة ١٤ يوم الأحد ٥

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND DD Dir.	WIND F Force	PAST WEATHER W	CLOUD N Amount	CLOUD C Form	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	30	2	0	3	8	17.2	24.8	57	0	131
MARIUT	01	8	30	3	0	4	8	16	25	61	0	150
ALEXANDRIA	01	9	32	2	2	4	4	16.0	26.0	66	0	132
DAMIETTA	00	8	30	3	1	0	—	14.7	25.3	60	0	159
PORT SA'ÎD A.P.	00	8	31	2	0	0	—	15	26	51	0	134
EL 'ARÎSH	01	9	28	3	1	4	8	14.4	27.9	82	0	135
LOWER EGYPT												
DAMANHÛR	01	7	28	4	1	4	8	15.4	28.0	51	0	136
MANSÛRA	01	8	02	2	1	4	8	14.8	29.5	43	0	137
ṬANṬA	00	8	32	1	0	0	—	15.0	30.0	41	0	138
ZAGAZIG	00	6	32	2	0	0	—	14.3	30.2	47	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	—	14.8	30.2	43	0	—
MIDDLE EGYPT												
CAIRO (ALMÂZA)	00	8	28	2	0	0	—	13.8	29.8	39	0	141
CAIRO (EZBEKÎYA)	00	6	28	2	0	0	—	14.0	30.0	40	0	—
CAIRO (GÎZA)	00	8	28	2	0	0	—	14.4	29.7	40	0	—
ḤELWÂN	00	7	28	4	0	0	—	13.5	29.9	35	0	143
SUEZ	00	9	32	1	0	0	—		30.1	47	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	2	0	0	—	13.4	29.9	41	0	153
MINYA	00	9	32	3	0	0	—	13.1	31.0	42	0	154
ASYÛṬ	00	8	26	1	0	0	—	12.2	32.8	35	0	155
NAG' ḤAMÂDI	00	8	24	1	0	0	—	10.0	34.9	38	0	164
QENA	00	9	24	2	0	0	—	9.5	37.4	40	0	156
LUXOR	00	9	06	2	0	0	—	9.2	38.2	27	0	157
ASWÂN	00	9	30	2	0	0	—	7.6	39.0	23	0	158
WESTERN DESERT												
SÎWA	00	8	28	2	0	0	—	17.5	30.2	40	0	148
BAHARÎYA	00	8	32	1	0	0	—	14.0	29.5	32	0	149
KHÂRGA	00	9	32	1	0	0	—		34.5	23	0	151
DAKHLA	00	9	02	1	0	0	—	11.2	33.4	46	0	152
RED SEA												
ṬÔR	00	7	28	5	0	0	—	10.8	28.0	62	0	145
HURGHÂDA A.P.	00	8	30	4	0	0	—	11	28	79	0	146
QUSEIR	00	8	32	2	0	0	—	10.6	30.7	62	0	147
PORT SÛDÂN	00	8	04	3	0	2	4,1	6	27	89		208
NORTH SÛDÂN												
WÂDI ḤALFA	00	8	02	2	0	1	2	7	40	11		165
KAREIMA	00	8	04	3	0	1	2	5	41	10		168
'ATBARA	01	7	08	2	1	4	8,4,1	3	41	17		167
KHARTÛM	01	8	30	2	0	3	8	3	40	36		209
KASSALA	01	8	28	1	1	4	8,1	3	37	35		170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK	00	9	20	2	0	0	—	7	32	67		182
ROSEIRES	00	8	12	1	0	0	—	7	33	56		172
EL OBEID	02	9	16	2	1	8	8,2	3	36	37		174
EL FÂSHER	01	8	08	4	1	4	2	—	37	11	—	175
GENEINA	00	7	04	4	0	3	2	—	34	27	—	179
KADUGLI	01	8	28	2	2	6	4	9	32	50		187
S. SÛDÂN												
MALAKÂL												176
WÂU	02	8	16	1	1	5	8,4	6	33	44		177
JUBA	01	8	04	1	1	4	8,1	7	32	50		173

At 20h. on 5th — الساعة ٢٠ يوم الأحد ٥

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND DD Dir.	WIND F Force	PAST WEATHER W	CLOUD N Amount	CLOUD C Form	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	02	1	0	3	8	17.4	24.0	77	0
MARIUT	00	7	30	2	0	2	6	16	23	36	0
ALEXANDRIA	01	5	32	2	2	3	4	16.3	23.0	74	0
DAMIETTA	01	6	30	1	1	3	8	15.2	23.0	72	0
PORT SA'ÎD A.P.	00	7	32	2	0	0	—	15	24	69	0
EL 'ARÎSH	00	9	28	3	0	0	—	13.8	25.4	72	0
LOWER EGYPT											
DAMANHÛR	01	7	32	3	1	3	8	15.8	21.2	74	0
MANSÛRA	00	6	32	2	1	0	—	15.9	22.0	72	0
ṬANṬA	00	8	00	0	0	0	—	16.3	21.0	82	0
ZAGAZIG	00	6	32	2	0	0	—	16.0	22.6	76	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	15.9	22.8	70	0
MIDDLE EGYPT											
CAIRO (ALMÂZA)	00	7	02	4	0	0	—	14.7	25.2	66	0
CAIRO (EZBEKÎYA)	00	7	02	4	0	0	—	15.4	23.9	64	0
CAIRO (GÎZA)	00	7	00	0	0	0	—	15.4	24.3	60	0
ḤELWÂN	00	7	32	4	0	0	—	14.6	25.0	51	0
SUEZ	00	9	30	1	0	0	—		24.9	63	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	14.3	23.6	66	0
MINYA	00	9	32	2	0	0	—	14.4	25.7	57	0
ASYÛṬ	00	7	28	1	0	0	—	13.1	28.2	43	0
NAG' ḤAMÂDI	00	8	24	1	0	0	—	11.5	27.7	84	0
QENA	00	6	24	2	0	0	—	11.1	28.2	51	0
LUXOR	00	8	30	3	0	0	—	9.6	31.8	29	0
ASWÂN	00	9	32	4	0	0	—	9.2	33.4	28	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	16.6	26.2	47	0
BAHARÎYA	00	7	32	1	0	0	—	14.4	24.5	47	0
KHÂRGA	00	9	32	1	0	0	—		30.3?	26?	0
DAKHLA	00	8	28	1	0	0	—	12.0	28.9	53	0
RED SEA											
ṬÔR	00	7	28	3	0	0	—	11.1	27.8	63	0
HURGHÂDA A.P.	00	8	26	1	0	0	—	11	27	74	0
QUSEIR	00	8	28	2	0	0	—	10.2	28.0	60	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 5th — الرياح العليا يوم ٥

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 15 h.15 m.	KAREIMA 13 h. m.	KHARTÛM 15 h. m.	KASSALA 13 h.15 m.	EL OBEID 12 h.30 m.	MALAKAL h. m.	JUBA 13 h.15 m.
							03 02 25	03 04 10	06 01 10	06 22 05	06 06 10		06 06 05
							06 02 20	06 05 20	09 03 05	09 21 05	09 27 15		09 06 05
							09 03 20	09 06 45	12 05 15	15 21 05	12 27 20		15 08 10
							15 05 05	15 07 55	15 06 15	21 21 10	15 24 20		21 13 20
							21 11 05	21 06 45	21 06 20	24 22 25	21 21 10		30 09 10
							30 15 05	30 11 15	30 03 15		27 10 20		39 09 40
								39 16 20	39 36 10				45 08 30
								45 16 20	42 32 10				54 09 25
								60 18 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	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	Previous day: Reading m.	Previous day: Diff. from normal m.
Alexandria	66	-1	20.5	-0.1		
Ezbekîya	66	+1	20.0	+0.1		
Gîza	59	-9	20.0	0.0		
Ḥelwân	58	+4	19.2	+0.8		

GÎZA — GRASS MINIMUM TEMP. ON 6th 13.1 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				10.70	+0.44
Malakâl		12.36	+0.12	12.35	+0.12
J. Aulia Res.				377.31	—
J. Aulia D.S				374.36	-0.37
Roseires		17.12	+0.15	17.26	+0.20
Sennar Res.				17.51	—
Khartûm		14.50	-0.22	14.54	-0.25
Kh. el Girba				12.77	+0.66
'Atbara		13.93	+0.10	13.96	+0.07
Kajnarti		140.40	+0.10	140.52	+0.15
Aswân Res.		10.50	—	10.50	—
Aswân D.S		91.21	-0.07	91.38	+0.03
Roda (Cairo)		18.27	-0.13	18.26	-0.16

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	6.10	6515	7801
	5.10	6892	8186

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

At 8h. on Monday 6th — الساعة ٨ يوم الاثنين ٦

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND DD Dir.	WIND F Force	PAST WEATHER W	CLOUD N Amount	CLOUD C Form	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												—		—				1
MATRÛH	01	9	00	0	0	4	8	17.9	+2.0	24.2	25	-2	19	0	76	0	0	2
MARIUT	01	7	31	1	1	5	8	16		24	28	—	21	—	69	0	0	1
ALEXANDRIA	02	9	04	2	2	5	8	16.7	+0.9	25.0	28	-1	22	+1	73	0	0	1
DAMIETTA	00	7	00	0	1	0	—	15.6	+0.8	24.8	28	—	16	—	68	0	0	1
PORT SA'ÎD A.P.	00	7	02	1	0	2	6	16		26					55	0	0	0
EL 'ARÎSH	01	9	16	2	2	5	6	15.2	+0.5	24.7	28	-1	18	0	68	0	0	0
LOWER EGYPT																		
DAMANHÛR	00	6	12	2	0	0	—	16.4	+0.7	24.0	29	-2	16	0	72	0	0	0
MANSÛRA	00	8	02	1	0	0	—	16.4	+1.1	23.8	31	-1	17	-1	67	0	0	0
ṬANṬA	00	8	00	0	0	0	—	17.4?	+1.7	22.2	30	-1	15	-2	81	0	0	0
ZAGAZIG	00	6	24	2	0	0	—	16.3	+0.5	23.4	32	+1	17	0	75	0	0	0
SHEBÎN EL KÔM	00	8	30	2	0	0	—	16.6	+1.0	21.2	32	—	18	—	81	0	0	—
MIDDLE EGYPT																		
CAIRO (ALMAZA)	00	7	00	0	0	0	—	16.1	+0.9	21.6	31	—	19	—	75	0	0	—
CAIRO (EZBEKÎYA)	05	6	00	0	0	0	—	16.3	+1.1	21.8	31	0	19	+1	77	0	0	0
CAIRO (GÎZA)	05	5	00	0	0	0	—	16.4	+1.1	23.0	31	+1	17	+1	74	0	tr	0
ḤELWÂN	00	6	30	2	0	0	—	16.6	+1.4	22.0	30	-1	19	0	67	0	0	0
SUEZ	00	9	30	1	0	0	—			23.8	32	0	19	-1	72	0	0	0
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	14.8	-0.5	21.8	30	-2	18	0	75	0	2	0
MINYA	00	9	32	3	0	0	—	15.8	+1.0	25.5?	32	+1	20	+2	71	0	0	—
ASYÛṬ	00	7	22	1	0	0	—	15.1	+1.1	22.2?	34	+3	20	+1	70	0	0	0
NAG' ḤAMÂDI	00	8	24	1	0	0	—	13.6	+0.9	25.8	36	—	21	—	67	0	0	—
QENA	00	7	22	2	0	0	—	13.6	+0.8	25.8	39	+3	23	+3	63	0	0	—
LUXOR	00	9	16	1	0	0	—	12.8	+0.3	28.0	40	+2	22	+2	51	0	0	—
ASWÂN	00	9	32	4	0	0	—	12.0	+0.2	28.3	40	+2	25	+3	43	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.9	+1.0	23.0	31	-2	17	+1	74	0	0	0
BAHARÎYA	00	8	04	2	0	0	—	16.2	+0.3	21.0	30	-2	15	-2	65	0	0	0
KHÂRGA	00	9	32	1	0	0	—			24.7	38	+3	22	+2	51	0	0	—
DAKHLA	00	8	00	0	0	0	—	15.1	+0.7	26.3	34	-1	21	+2	63	0	0	—
RED SEA																		
ṬÔR	00	7	04	2	0	0	—	11.9	-0.3	26.4	28	-2	18	-2	61	0	0	0
HURGHÂDA A.P.	00	8	27	5	0	0	—			26	30		23		70	0	0	0
QUSEIR	00	8	32	2	0	0	—	11.5	-0.5	27.9	32	+1	25	+1	55	0	0	0
PORT SÛDÂN	01	8	32	2	0	4	1	10		31			26		66	0	0	1
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	02	3	0	0	—	11		27			23		33	0	0	—
KAREIMA	01	8	08	2	1	3	2	9		31			28		19	0	0	0
'ATBARA	00	8	08	2	0	3	4	8		31			25		36	0	0	0
KHARTÛM	00	8	20	2	0	0	—	8		32			28		35	0	0	0
KASSALA	02	8	20	3	1	6	1	9		28			24		66	0	0	1
CENTRAL SÛDÂN																		
WAD MEDANI	02	8	16	3	1	7	8	12		27					70	0	0	2
RENK	02	9	12	3	1	8	8	12		23		—		—	84	—	—	6
ROSEIRES	02	8	14	2	2	8	9	10		21					94	20	20	4
EL OBEID	02	9	18	3	1	7	4	8		23			23		58	0	0	2
EL FÂSHER	02	8	32	2	1	8	2	—	—	27			19		33	0	0	1
GENEINA	05	6	00	0	1	7	2	—	—	17		—	13	—	68	—	—	1
KADUGLI	01	8	16	1	1	5	4	11		22		—		—	95	—	—	20
S. SÛDÂN																		
MALAKÂL	02	8	00	0	1	6	4	11		27			22		79	0	18	16
WÂU	00	8	00	0	0	0	—	10		26			22		79	0	12	20
JUBA																0	18	16

UPPER WINDS ON 6th — الرياح العليا يوم ٦

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

MATRÛH 6 h.30 m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 7 h.30 m.	MINYA h. m.	ASYÛṬ 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h.15 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.
03 04 15			02 03 15		02 34 10		02 01 20	03 01 35	06 06 25	03 05 45	06 25 30
06 01 15			05 03 10		05 35 40		05 03 40	06 03 55	09 12 15	06 05 35	09 23 25
09 35 15			10 36 20		10 34 30		10 05 20	09 03 55	15 16 30	09 04 35	15 19 10
12 01 15			15 13 10		15 23 15		15 10 10	15 09 30	21 13 35	15 05 30	21 10 20
15 35 20			20 26 05				20 17 20	21 09 15	24 13 35	21 06 20	24 08 25
18 34 20			25 22 20					24 10 05		24 07 20	
21 35 25			30 21 20					33 10 25			
Est SC			40 21 40					39 16 20			
			50 20 37					45 17 25			

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER 7 h.15 m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
03 19 40	03 36 15	06 24 25	09 32 05	09 10 05	06 21 15
09 20 40	06 01 20	09 22 30	15 06 05	15 08 25	09 19 15
15 20 05	09 06 15	15 19 20	21 04 30	21 07 50	15 20 15
21 05 25	15 08 05	21 18 15	24 05 35	24 09 40	21 16 10
24 03 20	21 09 10	24 18 15	30 08 75	27 10 35	24 14 15
	24 03 10		33 09 75		

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

CYPRUS SYNOPTIC 8h. ON 6th
34700 00996 00000 16221 40307 00170 ✓
34910 00951 00001 17221 40108 00160

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

WIND FORCE (F)

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

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

CAIRO
Time of Sunrise h. 6 m. 51
Sunset h. 17 m. 35

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

1417 F.C.

At 14h. on Monday 6th — الساعة ١٤ يوم ١٠/٦

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	02	2	0	1	8	17.8	25.0	60	0	131
MARIUT	01	7	30	4	1	4	9	16	27	62	0	150
ALEXANDRIA	02	9	32	4	2	5	8	16.4	26.4	65	0	132
DAMIETTA	00	8	30	2	0	0	—	15.0	25.8	58	0	159
PORT SA'ÎD A.P.	00	8	32	2	0	0	0	16?	26	58	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	14.6	26.8	60	0	135
LOWER EGYPT												
DAMANHÛR	01	7	32	3	1	4	8	15.6	28.0	52	0	136
MANSÛRA	01	8	02	1	1	4	8	15.2	29.5	43	0	137
TANTA	01	8	28	2	1	4	8	15.8	29.5	43	0	138
ZAGAZIG	00	6	32	2	0	0	—	14.7	30.4	44	0	139
SHEBÎN EL KÔM	01	8	04	3	1	3	8	15.5	30.6	40	0	—
MIDDLE EGYPT												
CAIRO ALMÁZA	00	8	30	2	0	0	—	14.5	29.1	40	0	141
CAIRO EZBEKÎYA	00	8	04	2	0	0	—	15.0	28.9	42	0	—
CAIRO GÎZA	00	8	04	2	0	0	—	14.7	30.2	39	0	—
HELWÂN	00	7	30	3	0	0	—	14.3	29.0	33	0	143
SUEZ	00	9	32	1	0	0	—		29.1	47	0	144
UPPER EGYPT												
FAIYÛM	00	8	00	0	0	0	—	14.3	28.7	42	0	153
MINYA	00	9	04	4	0	0	—	14.4	29.6	40	0	154
ASYÛT	—	—	—	—	—	—	—	—	—	—	—	155
NAG' HAMÂDI	00	8	24	1	0	0	—	11.5	31.6	45	0	164
QENA	00	9	24	2	0	0	—	10.0	36.0	35	0	156
LUXOR	00	9	10	2	0	0	—	10.4	36.2	28	0	157
ASWÂN	00	9	30	3	0	0	—	9.2	37.0	18	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	17.5	31.4	41	0	148
BAHARÎYA	00	8	32	1	0	0	—	14.6	29.0	40	0	149
KHÂRGA	—	—	—	—	—	—	—	—	—	—	—	151
DAKHLA	00	9	28	2	0	0	—	13.4	31.3	49	0	152
RED SEA												
TÛR	00	7	28	4	0	0	—	11.6	29.9	60	0	145
HURGHADA A.P.	00	8	02	2	0	0	—	12	28	69	0	146
QUSEIR	00	8	32	2	0	0	—	11.2	30.0	66	0	147
PORT SÛDÂN	00	8	02	3	0	1	1	8	33	65		208
NORTH SÛDÂN												
WÂDI HALFA	00	7	02	3	0	1	1	8	38	17		165
KAREIMA	01	9	04	2	1	3	8,4,1	5	42	09		166
'ATBARA	01	8	12	3	1	4	8,2	4	41	20		167
KHARTÛM	02	8	20	3	2	6	8,2	5	38	48		209
KASSALA	02	8	00	0	1	7	8,2	4	38	33		170
CENTRAL SÛDÂN												
WAD MEDANI	02	8	20	3	1	7	4	6	34	41		171
RENK												182
ROSEIRES												172
EL OBEID	02	8	18	4	9	8	9,2	6	27	58		174
EL FÂSHER	02	8	06	3	1	6	0,2	—	36	13		175
GENEINA	00	8	04	2	0	1	8	—	34	30		179
KADUGLI	01	8	20	1	1	5	4	7	33	53		187
S. SÛDÂN												
MALAKÂL	14	7	06	5	1	6	6		21	94		176
WÂU	01	7	00	0	1	5	9	5	34	41		177
JUBA	25	8	32	1	8	6	9,4	7	27	79		173

At 20h. on 6th — الساعة ٢٠ يوم ٦ الاثنين

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Press M.S.L. 1000+ mbs. (ppp)	Temp. °C (ttt)	% Humidity (uu)	Rain 14-20 mms
SALÛM											
MATRÛH	01	8	04	1	1	4	8	17.9	23.2	88	0
MARIUT	00	7	32	2	0	1	6	17	23	74	0
ALEXANDRIA	01	5	04	3	2	2	4	16.7	23.7	73	0
DAMIETTA	00	6	30	1	1	0	—	15.6	23.2	80	0
PORT SA'ÎD A.P.	00	8	03	2	0	1	8	16	25	70	0
EL 'ARÎSH	01	7	30	3	2	5	8	14.7	25.5	75	0
DAMANHÛR	01	7	32	2	1	4	8	16.3	22.0	71	0
MANSÛRA	00	6	32	1	1	0	—	16.6	22.6	77	0
TANTA	00	8	00	0	1	0	—		23.0	79	0
ZAGAZIG	00	6	32	2	0	0	—	15.6	23.2	74	0
SHEBÎN EL KÔM	00	7	02	2	0	0	—	15.9	22.2	72	0
ALMÁZA	00	7	02	3	0	0	—	15.6	25.0	59	0
EZBEKÎYA	00	7	30	2	0	0	—	16.2	24.4	64	0
GÎZA	00	7	30	2	0	0	—	15.6	28.0	67	0
HELWÂN	00	7	32	4	0	0	—	15.2	25.3	47	0
SUEZ	00	9	32	2	0	0	—		25.2	61	0
FAIYÛM	00	8	32	1	0	0	—	14.6	23.7	57	0
MINYA	00	9	32	2	0	0	—	15.0	24.2	59	0
ASYÛT	10	6	22	1	0	0	—	14.0	25.5	55	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.0	26.3	56	0
QENA	00	6	20	3	0	0	—	11.6	28.0	52	0
LUXOR	00	8	12	1	0	0	—	11.0	32.8	26	0
ASWÂN	00	9	32	3	0	0	—	9.8	31.4	30	0
SÎWA	00		00	0	0	0	—	16.8	25.3	59	0
BAHARÎYA	00	7	32	1	0	0	—	14.6	24.5	50	0
KHÂRGA											
DAKHLA	00	8	00	0	0	0	—	13.5	27.9	52	0
TÛR	00	7	28	3	0	0	—	11.1	27.8	62	0
HURGHADA A.P.	00	8	30	4	0	0	—		28	66	0
QUSEIR	00	8	28	2	0	0	—	11.5	27.0	74	0
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
MALAKÂL											
WÂU											
JUBA											

At 8h. on Tuesday 7th — الساعة ٨ يوم ٧ 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.	Temp. Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff from norm °C	Minimum Today °C (mm)	Minimum Diff from norm °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	00	8	00	0	0	3	8	17.2	+1.2	23.1	28	+1	19	0	80	0	0	1
MARIUT	00	7	31	2	0	3	9	16		26	27	—	23	—	82	0	0	3
ALEXANDRIA	01	9	04	3	2	4	8	16.8	+0.9	25.6	28	-1	23	+2	66	0	0	1
DAMIETTA	01	8	20	1	1	4	9	15.8	+0.3	25.9	28	—	18	—	73	0	0	1
PORT SA'ÎD A.P.	00	7	15	1	1	3	6	16		26	28					0	0	0
EL 'ARÎSH	01	9	20	3	1	5	8	15.5	+0.7	24.4	27	-2	20	+2	77	0	0	0
LOWER EGYPT																		
DAMANHÛR	00	6	32	2	0	0	—	16.4	+0.7	24.8	29	-2	19	+1	74	0	0	0
MANSÛRA	01	8	02	1	1	3	6	16.4	+1.1	26.5	31	-1	20	+2	70	0	0	0
TANTA	00	8	00	0	0	0	—			21.0	30	-1	16	-1	91	0	0	0
ZAGAZIG	01	6	04	2	1	4	8	16.7	+0.8	22.6	32	+1	18	+2	81	0	0	0
SHEBÎN EL KÔM	00	8	30	2	0	0	—	17.1	+1.5	20.9	32	—	17	—	79	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	02	1	1	1	6	16.3	+1.0	22.5	30	—	19	—	74	0	0	—
CAIRO EZBEKÎYA	00	6	30	1	0	3	8	16.6	+1.3	22.4	30	-1	19	+1	73	0	0	0
CAIRO GÎZA	00	6	30	1	1	3	8	16.7	+1.3	23.4	31	+1	16	0	73	0	dr	0
HELWÂN	05	6	32	2	0	1	6	17.0	+1.7	22.4	29	-2	19	0	73	0	0	0
SUEZ	01	9	32	1	1	4	5			23.7	31	-1	20	0	76	0	0	0
UPPER EGYPT																		
FAIYÛM	00	8	30	1	0	0	—	16.8	+1.4	21.1	30	-2	18	0	80	0	2	0
MINYA	00	9	32	3	0	0	—	15.6	+0.7	23.0	30	-1	20	+2	73	0	0	—
ASYÛT																0	0	0
NAG' HAMÂDI	00	8	32	1	0	0	—	14.3	+1.5	25.0	32	—	20	—	56	0	0	—
QENA	00	7	18	3	0	0	—			24.2	37	+1	22	+2	62	0	0	—
LUXOR	00	9	12	2	0	0	—	13.1	+0.5	28.5	38	0	21	+1	47	0	0	—
ASWÂN	00	9	32	3	0	0	—	12.6	+0.7	27.4	39	+1	24	+2	44	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.6	+0.6	22.8	32	-1	18	+2	76	0	0	0
BAHARÎYA	00	8	04	1	0	0	—	16.4	+0.4	21.4	29	-3	16	-1	70	0	0	0
KHÂRGA																0	0	—
DÂKHLA	00	8	00	0	0	0	—	16.0	+1.5	24.3	32	-3	18	-1	66	0	0	—
RED SEA																		
TÛR	00	7	32	1	0	0	—	12.8	+0.5	25.6	31	+1	18	-2	56	0	0	0
HURGHADA A.P.	00	8	30	5	0	0	—	13		26			22		70	0	0	0
QUSEIR	00	8	30	2	0	0	—	12.4	+0.2	28.0	31	0	24	0	56	0	0	0
PORT SÛDÂN	01	8	00	0	1	4	2	10		31			27		74	0	0	2
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	2	1	4	12		25			23		36	0	0	—
KAREIMA	00	8	08	2	1	3	4	8		33			28		20	0	0	0
'ATBARA	02	8	04	1	1	6	2	8		33					26	0	0	0
KHARTÛM	02	7	20	1	1	5	8,4,1	9		31			28		52	0	0	0
KASSALA	00	8	14	2	0	2	1	10		28			23		66	dr	0	1
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	16	2	1	4	4	11		24					94	6	6	2
RENK												—		—		—	—	7
ROSEIRES	01	8	20	2	1	3	5	10		23					94	0	20	5
EL OBEID																1	1	2
EL FÂSHER	02	7	00	0	1	6	2	—	—	23			21		65	0	0	1
GENEINA	05	6	06	2	3	6	4	—	—	18		—	17	—	94	—		1
KADUGLI	01	8	20	1	1	5	4	11		22		—		—	94	—	—	25
S. SÛDÂN																		
MALAKÂL																0	18	20
WÂU	05	8	00	0	1	5	4,5	11		23			22		87	4	16	25
JUBA																Rain	18	20

UPPER WINDS ON 6th — الرياح العليا يوم ٦

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÁZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÁDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
		13 h. m.					13 h. m.	13 h. 45 m.	13 h. 30 m.	13 h. m.	13 h. 15 m.		14 h. m.
		03 35 15					03 02 35	03 05 15	06 23 10	06 00 00	06 18 50		06 11 05
		06 35 05					06 01 40	06 05 15	09 25 15	09 31 05	09 17 25		09 11 10
		09 34 05					09 01 35	09 04 15	15 17 15	15 31 05	15 03 10		15 10 15
		12 34 05					15 05 15	15 07 10		21 22 05	21 01 05		21 11 15
		15 15 05					21 12 15	21 07 10					30 07 25
		21 17 05					30 13 15	30 09 20					39 10 30
		24 07 05						39 13 25					45 11 25
		30 33 20						45 17 25					
		36 35 25						60 19 15					

UPPER WINDS ON 7th — الرياح العليا يوم ٧

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

MATRÛH 7 h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8 h. 45 m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD 6 h. 45 m.	KAREIMA 6 h. 45 m.	KHARTÛM 6 h. m.
03 36 05			02 06 10				02 36 20	03 02 20	06 09 25	03 05 25	06 26 10
06 18 05			05 02 20				05 04 30	06 03 45	09 11 25	06 07 30	09 30 20
09 27 05			08 01 20				10 06 10	09 08 35	15 16 35	09 17 05	15 07 20
12 27 05			10 03 15				15 09 15	15 10 35	21 14 30	15 13 20	21 08 30
			15 27 15				20 14 10	21 12 25	24 14 40	21 09 30	24 08 40
			20 20 20					24 13 20		24 09 35	27 10 15
			23 20 25					30 19 10		30 09 35	30 08 15
			25 21 30					33 15 15		33 09 30	33 08 20
			30 21 55					36 16 20		39 09 25	39 06 20

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL h. m.
06 18 20	03 29 05		09 06 05		
09 21 30	06 31 05		15 08 40		
15 24 25	09 31 05		21 06 50		
21 26 10	15 33 20		24 06 45		
	21 31 30		30 07 50		
			33 07 45		
			39 06 30		
			45 06 35		

CYPRUS SYNOPTIC 8h ON 7th
34700 00990 00000 16210 60300
34800 00990 22300 16220 60401

UPPER AIR TEMP. ALMÁZA — AT G.M.T. ON

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

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	7-10	6397	7482
	6-10	6515	7801

STATION	Mean of day: Humidity % on 6th	Humidity Diff from normal	Wet Bulb Temp °C on 6th	Wet Bulb Temp Diff from normal
Alexandria	71	+4	21.4	+0.8
Ezbekîya	64	-1	19.8	0.0
Gîza	65	-3	20.2	+0.3
Helwân	51	-2	18.4	-0.1

GÎZA — GRASS MINIMUM TEMP. ON 7th 12.8 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.48	+0.74
Nâsser				10.90	+0.42
Malakâl	10	12.38	+0.13	12.36	+0.12
J. Aulia Res.				377.31	—
J. Aulia D.S				374.35	-0.33
Roseires		17.03	+0.18	17.12	+0.15
Sennar Res.				17.50	—
Khartûm		14.46	-0.20	14.50	-0.22
Kh. el Girba				12.75	+0.68
'Atbara		13.86	+0.11	13.93	+0.10
Kajnarti				140.40	+0.10
Aswân Res.	7	98.50	—	98.50	—
Aswân D.S		91.15	-0.10	91.21	-0.07
Roda (Cairo)		18.29	-0.10	18.27	-0.13

Discharges at Aswân measured by sluices m³ per sec.

PRESENT WEATHER (ww)

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

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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 5 52 (h. m.)
Sunset 17 33

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on Tuesday 7th (الساعة ١٤ يوم ٧) — At 20h. on 7th (الساعة ٢٠ يوم الثلاثاء 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	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	1	0	0	—	16.8	25.4	82	0	00	8	04	1	0	0	—	17.0	23.5	88	0	131
	MARIUT	00	7	29	3	0	3	8	16	27	66	0	00	7	30	2	0	0	—	16	23	74	0	150
	ALEXANDRIA	01	9	30	3	2	3	8	15.9	27.2	59	0	00	5	02	2	0	0	—	17.2	23.4	72	0	132
	DAMIETTA	00	8	30	2	1	2	8	14.7	26.7	61	0	00	7	28	1	1	0	—	15.4	23.4	77	0	159
	PORT SA'ÎD A.P.	00	8	01	2	0	1	8	15	27	62	0	00	7	03	2	0	0	—	16	25	74	0	134
	EL 'ARÎSH	01	9	30	3	1	4	8	14.3	27.6	67	0	01	9	28	3	1	4	8	14.4	26.7	84	0	135
Lower Egypt	DAMANHÛR	01	7	28	4	1	5	8	15.8	27.6	59	0	00	7	28	2	1	0	—	16.0	21.8	87	0	136
	MANSÛRA	01	8	02	1	1	4	8	14.8	30.0	47	0	00	6	32	2	1	0	—	16.0	23.2	73	0	137
	TANTA												01	8	00	0	1	4	8	15.5	22.0	84	0	138
	ZAGAZIG	00	6	32	2	0	2	8	14.8	30.2	47	0	00	6	24	3	0	0	—	15.5	24.2	68	0	139
	SHEBÎN EL KÔM	00	8	04	2	1	2	8	15.2	30.8	42	0	00	7	04	2	0	0	—	16.4	23.2	73	0	—
Middle Egypt	CAIRO ALMÂZA	01	8	04	2	1	3	8	14.1	29.8	49	0	00	7	30	1	0	0	—	15.2	25.7	56	0	141
	CAIRO EZBEKÎYA	01	8	30	1	1	3	1	14.6	29.8	53	0	00	7	00	0	0	0	—	15.5	25.4	52	0	—
	CAIRO GÎZA	01	8	30	1	0	3	1	14.8	30.0	47	0	00	7	00	0	0	0	—	15.5	23.2	61	0	—
	HELWÂN	00	7	32	3	0	3	4	13.8	29.5	39	0	00	7	30	3	0	0	—	15.1	26.1	47	0	143
	SUEZ	01	9	02	1	1	4	1		29.9	46	0	00	9	30	1	0	0	—		26.7	66	0	144
Upper Egypt	FAIYÛM	01	8	32	1	1	3	8	14.0	29.1	42	0	00	8	32	1	0	0	—	15.0		57	0	153
	MINYA	01	9	32	2	0	4	4	14.0	30.4	38	0	01	9	32	2	1	3	4	14.3	26.0	52	0	154
	ASYÛT	00	8	20	1	0	0	—	13.5	30.0	41	0	00	6	22	1	0	0	—	14.4	26.3	54	0	155
	NAG' HAMÂDI	00	9	00	0	0	0	—	11.6	31.0	51	0	00	8	00	0	0	0	—	12.6	25.7	66	0	164
	QENA	00	9	24	1	0	0	—	10.4	36.2	35	0	01	6	24	2	1	5	3	11.0	29.4	51	0	156
	LUXOR	00	9	10	2	0	0	—	10.2	26.8	33	0	00	8	20	1	0	0	—	10.7	28.0	50	0	157
	ASWÂN	01	9	30	2	1	4	1	9.2	38.0	19	0	00	9	32	1	0	0	—	10.2	32.0	33	0	158
Western Desert	SÎWA	00	8	20	2	0	0	—	17.2	32.2	50	0	00		00	0	0	0	—	16.0	25.2	61	0	148
	BAHARÎYA	00	8	32	1	0	0	—	14.2	29.5	37	0	00	7	32	1	0	0	—	16.0	24.0	53	0	149
	KHÂRGA	00	9	32	1	0	0	—		32.8	22	0	00	9	32	1	0	0	—		28.4	38	0	151
	DAKHLA	00	9	32	2	0	0	—	12.8	32.0	53	0	00	8	00	0	0	0	—	13.0	28.0	55	0	152
Red Sea	TÔR	00	7	28	4	0	0	—	11.6	28.9	66	0	00	7	28	2	0	0	—	11.6	27.2	71	0	145
	HURGHÂDA A.P.	00	9	02	4	0	3	3	12	29	70	0	00	8	30	3	0	0	—	12	28	70	0	146
	QUSEIR	00	8	02	2	0	0	—	12.0	30.2	64	0	00	8	28	2	0	0	—	11.6	27.4	59	0	147
	PORT SÛDÂN	00	8	08	3	1	3	1	9	32	75													208
North Sûdân	WÂDI HALFA	00	8	02	2	0	1	4	8	40	15													165
	KAREIMA	01	9	02	4	1	4	8,4,2	5	42	14													166
	'ATBARA	14	6	08	3	1	3	4,2	4	40	19													167
	KHARTÛM	01	8	08	1	1	5	8,1	5	38	27													209
	KASSALA	00	8	20	1	0	2	8	4	39	26													170
Central Sûdân	WAD MEDANI	01	8	16	2	1	4	8	5	35	44													171
	RENK	00	9	20	2	1	2	1	7	31	59													182
	ROSEIRES	00	8	10	2	0	0	—	9	32	55													172
	EL OBEID	02	9	00	0	1	8	8,4	5	34	36													174
	EL FÂSHER	02	7	06	4	1	6	4,2	—	36	18									—				175
	GENEINA	02	7	08	3	1	7	8	—	34	27									—				179
	KADUGLI	01	8	12	2	1	4	1		31	49													187
S. Sûdân	MALAKÂL	01	8	00	0	1	4	8,4	7	32	55													176
	WÂU																							177
	JUBA	01	8	30	1	1	4	6,4	7	33	47													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 7th (الرياح العليا يوم ٧)

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 12h.30m.	KHARTÛM 13h.15m.	KASSALA 13h. m.	EL OBEID 13h.15m.	MALAKAL 13h.15m.	JUBA 13h. m.
							03 02 20	03 07 05	06 11 05	06 26 05	06 22 10	06 20 10	06 01 05
							06 06 20	06 07 25	09 36 02	09 22 05	09 22 15	09 11 05	09 07 05
							09 06 15	09 09 25	15 14 02	15 13 05	15 17 10	15 17 15	15 11 20
							15 09 10	15 10 20		21 12 15	21 06 05	21 05 15	21 10 35
							21 15 20	21 12 25		24 11 20	24 04 05	24 26 15	24 09 40
							24 15 20	24 11 25				30 08 15	30 08 30
							30 14 20	30 10 25				33 07 20	33 07 25
							33 15 15	33 10 20				39 07 30	39 09 25
							39 16 15	39 09 20					45 08 25

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	8-10	6192	7211
	7-10	6397	7482

STATION	Mean of day: Humidity % on 7th	Diff from normal	Wet Bulb Temp °C on 7th	Diff from normal
Alexandria	67	0	20.9	+0.4
Ezbekîya	56	-10	20.1	+0.4
Gîza	61	-7	20.2	+0.3
Helwân	54	+1	19.5	+1.1

GÎZA — GRASS MINIMUM TEMP. ON 8th 12.8 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON … °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10			14.42	+0.68
Nâsser				10.91	+0.42
Malakâl		12.39	+0.14	12.38	+0.13
J. Aulia Res.				377.29	—
J. Aulia D.S				374.31	-0.31
Roseires		17.06	+0.29	17.03	+0.18
Sennar Res.				17.50	—
Khartûm				14.46	-0.20
Kh. el Girba				12.63	+0.63
'Atbara		13.80	+0.10	13.86	+0.11
Kajnarti				140.21	+0.04
Aswân Res.		98.50	—	98.50	—
Aswân D.S		91.03	-0.17	91.15	-0.10
Roda (Cairo)		18.29	-0.10	18.29	-0.10

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

At 8h. on Wednesday 8th (الساعة ٨ يوم الأربعاء 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.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct 1 mms	Norm From Oct 1 mms
Mediterranean	SALÛM												—		—				1
	MATRÛH	01	9	00	0	0	4	8	17.6	+1.5	22.4	26	-1	19	0	86	0	0	3
	MARIUT	00	7	00	0	0	0	—	17		25	25	—	22	—	70	0	0	1
	ALEXANDRIA	01	9	24	2	1	4	4	17.1	+1.1	24.2	28	-1	22	+1	70	0	0	1
	DAMIETTA	00	8	22	1	1	1	8	15.9	+0.9	24.9	28	—	18	—	69	0	0	1
	PORT SA'ÎD A.P.	00	7	25	2	0	1	6			25	29		22		74	0	0	0
	EL 'ARÎSH	01	9	28	2	1	4	8	15.5	+0.7	24.2					81	0	0	1
Lower Egypt	DAMANHÛR	00	6	32	2	0	0	—	16.7	+0.9	23.0	29	-2	18	0	80	0	0	1
	MANSÛRA	00	8	02	1	0	0	—	16.8	+1.4	24.0	32	0	20	+2	74	0	0	0
	TANTA	00	8	00	0	0	0	—	17.0	+1.2	20.4	32	+1	16	0	93	0	0	0
	ZAGAZIG	00	6	20	2	0	0	—	16.6	+0.6	24.2	32	+1	18	+2	77	0	0	0
	SHEBÎN EL KÔM	00	8	30	2	0	0	—	17.1	+1.4	21.3	32	—	18	—	86	0	0	—
Middle Egypt	CAIRO ALMAZA	00	7	02	1	0	0	—	16.8	+1.4	22.2	31	—	19	—	76	0	0	—
	CAIRO EZBEKÎYA	05	6	00	0	0	0	—	17.0	+1.6	24.0	32	+1	19	+1	67	0	0	0
	CAIRO GÎZA	05	6	00	0	0	0	—	17.1	+1.6	24.0	31	+1	17	+1	75	0	tr	0
	HELWÂN	09	6	00	0	0	0	—	17.1	+1.7	22.5	30	-1	20	+1	77	0	0	0
	SUEZ	01	9	30	1	1	4	3			24.0	32	0	21	+1	77	0	0	0
Upper Egypt	FAIYÛM	00	8	02	1	0	0	—	16.4	+1.0	21.4	30	-2	19	+1	86	0	2	0
	MINYA	01	8	32	2	1	4	4	16.2	+1.3	23.5	30	-1	20	+2	71	0	0	—
	ASYÛT	01	7	20	2	1	4	4	15.1	+0.9	23.7	32	+1	21	+2	63	0	0	0
	NAG' HAMÂDI	00	8	24	1	0	0	—	13.8	+0.9	25.8	32	—	22	—	62	0	0	—
	QENA	01	7	24	2	1	4	3	13.1	+0.1	25.6	37	+1	23	+4	60	0	0	—
	LUXOR	00	9	14	2	0	0	—	12.7	0.0	29.0	37	-1	21	+1	46	0	0	—
	ASWÂN	01	9	32	2	1	3	4	12.0	0.0	28.9	40	+2	25	+3	39	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	—	16.0	-1.0	23.4	33	0	18	+2	22	0	0	0
	BAHARÎYA	00	8	28	1	0	0	—	16.4	+0.4	21.0	30	-2	16	-1	65	0	0	0
	KHÂRGA	00	9	32	1	0	0				27.0	35	0	24	+5	42	0	0	—
	DÂKHLA	01	8	12	1	1	4	5	15.4	+0.8	27.1	33	-2	21	+2	64	0	0	—
Red Sea	TÔR	00	7	28	3	0	0	—	12.0	-0.4	26.7			18	-2	68	0	0	0
	HURGHÂDA	00	8	30	5	0	2	4	12		26	29		23		74	0	0	0
	QUSEIR	00	8	32	2	0	0	—	12.4	+0.1	28.4	30	-1	25	+1	65	0	0	0
	PORT SÛDÂN																0	0	2
North Sûdân	WÂDI HALFA	00	8	02	2	0	1	4	10		27			24		33	0	2	—
	KAREIMA	01	8	06	2	1	4	4	9		26			26		32	0	0	0
	'ATBARA	00	8	08	2	0	0	—	9		32			27		28	0	0	0
	KHARTÛM	00	8	30	1	1	2	5	11		31			27		59	0	0	0
	KASSALA	00	8	14	2	0	2	4	9		29			22		62	0	0	2
Central Sûdân	WAD MEDANI	00	9	28	2	0	1	1	9		29					62	0	6	2
	RENK	00	8	00	0	0	0	—	9		25		—		—	84	—	—	9
	ROSEIRES	00	8	00	0	0	0	—	9		31						0	20	6
	EL OBEID	01	9	23	3	1	5	4,2	9		28			22		52	0	1	4
	EL FÂSHER	01	8	08	3	1	3	4	—	—	28			24		40	0	0	1
	GENEINA	02	7	00	0	1	8	—	—	—	19		—	16	—	73	—	—	2
	KADUGLI	01	9	00	0	1	4	6	10		28		—		—	70	—	—	30
S. Sûdân	MALAKÂL	01	8	16	1	1	3	1	10		28			23		74	0	18	24
	WÂU	00	8	00	0	0	3	1	11		24			21		89	2	18	30
	JUBA	00	8	14	2	0	2	4	11		24			20		84	0	18	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 8th (الرياح العليا يوم ٨)

MATRÛH 7h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8h.15m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h.15m.	ABU HAMAD 7h. m.	KAREIMA h. m.	KHARTÛM h. m.
03 32 05			02 06 10		02 34 25		02 01 15	09 12 25	06 13 05		
06 35 10			05 03 15		05 36 40		05 04 20	15 13 30	09 18 15		
09 26 35			10 36 35		10 35 05		10 11 25	21 09 20	15 14 30		
12 26 25			15 01 25				15 11 20	24 07 15	21 14 40		
15 27 25			20 30 15				20 11 20	30 07 15	30 12 40		
18 26 20			25 27 30					33 07 05	39 08 25		
			30 24 50					39 10 10	45 07 30		
			35 22 70					45 16 15			
			40 22 80					60 22 05			

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID 7h.15m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL 7h.15m.
09 15 20		06 26 25	09 06 05		09 20 05
15 03 15		09 25 20	15 07 05		15 21 15
21 36 20		15 32 05	21 07 20		21 20 05
		6	24 08 25		30 16 05
					39 20 20

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			

CYPRUS SYNOPTIC 8h ON 8th

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

Objects not visible at

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

Time of Sunrise h. m. 5 52
Sunset 17 32

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

1417 F.G.

At 14h. on Wednesday 8th — الساعة ١٤ يوم ٨/١٠

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH												131
MARIUT	01	7	29	3	0	4	8	16	26	62	0	150
ALEXANDRIA	01	9	28	3	2	4	8	16.7	26.0	58	0	132
DAMIETTA	00	8	28	3	0	0	—	15.4	26.0	65	0	159
PORT SA'ÎD A.P.	00	8	31	4	0	1	6	16	26	62	0	134
EL 'ARÎSH	01	9	28	3	1	3	8	14.7	27.1	67	0	135
LOWER EGYPT												
DAMANHÛR	01	7	32	3	1	3	8	16.0	28.0	56	0	136
MANŞÛRA	01	8	02	2	1	4	8	15.6	29.8	43	0	137
TANTA	01	8	28	2	1	3	8	15.2	29.4	47	0	138
ZAGAZIG	00	6	24	2	0	0	—	15.4	31.6	42	0	139
SHEBÎN EL KÔM	01	8	02	3	0	3	8	15.6	31.3	49	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	32	3	0	2	8	14.6	30.4	41	0	141
CAIRO EZBEKÎYA	00	8	30	1	0	0	—	15.2	30.3	39	0	—
CAIRO GÎZA	00	8	30	1	0	0	—	15.5	30.6	40	0	—
HELWÂN	00	7	30	2	0	2	4	14.7	29.9	31	0	143
SUEZ	01	9	30	1	1	4	3		29.2	50	0	144
UPPER EGYPT												
FAIYÛM	00	8	30	3	0	0	—	14.7	30.2	37	0	153
MINYA	01	8	32	4	1	4	8	14.0	31.0	39	0	154
ASYÛT	01	8	30	1	1	4	4	13.8	31.5	38	0	155
NAG' HAMÂDI	00	8	03	2	0	0	—	10.8	32.0	52	0	164
QENA	00	9	34	2	0	0	—	9.6	35.9	43	0	156
LUXOR	00	9	06	2	0	0	—	9.5	38.0	31	0	157
ASWÂN	00	9	30	2	0	0	—	7.0	40.0	22	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	—	17.1	32.0	49	0	148
BAHARÎYA	00	8	32	1	0	0	—	15.2	31.5	35	0	149
KHÂRGA	00	9	32	2	0	0	—		33.0	24	0	151
DAKHLA	01	8	28	2	1	4	5	11.9	34.0	26	0	152
RED SEA												
TÔR	00	7	28	5	0	0	—	11.6	28.6	68	0	145
HURGHÂDA A.P.	00	8	02	4	1	3	4.5	11	28	79	0	146
QUSEIR	00	8	02	2	0	0	—	11.6	30.0	68	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA	00	8	33	2	0	0	—	7	40	12		165
KAREIMA	01	9	02	2	1	3	8	5	42	09		166
'ATBARA	00	8	08	2	0	1	8	4	40	17		167
KHARTÛM	01	8	28	1	1	5	9	4	40	20		209
KASSALA	00	8	14	1	0	3	9	3	41	19		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	32	3	0	4	8	3	38	29		171
RENK	01	9	20	2	1	4	8	8?	32	55		182
ROSEIRES												172
EL OBEID	10	9	28	2	1	7	9.5	3	35	35		174
EL FÂSHER	01	8	04	2	1	3	8	—	36	20		175
GENEINA	00	7	08	3	1	3	8.4	—	35	27		179
KADUGLI	01	8	12	2	1	4	4	7	33	47		187
S. SÛDÂN												
MALAKÂL	02	8	20	2	1	5	9.1	6	34	41		176
WÂU												177
JUBA												173

At 20h. on 8th — الساعة ٢٠ يوم ٨ الأربعاء

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	04	1	0	0	—	17.1	24.1	82	0
MARIUT	00	7	30	2	0	1	6	17	23	74	0
ALEXANDRIA	01	5	00	0	2	4	4	17.8	23.2	71	0
DAMIETTA	00	7	28	1	1	2	8	16.4	23.5	76	0
PORT SA'ÎD A.P.	00	7	29	2	0	2	6	17	25	74	0
EL 'ARÎSH	01	9	28	2	1	4	8	16.6		71	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	1	0	—	16.8	22.2	78	0
MANŞÛRA	00	6	28	2	1	0	—	17.5	22.6	77	0
TANTA	01	8	28	1	1	4	8	17.4	22.0	79	0
ZAGAZIG	00	6	24	2	0	0	—	15.6	25.2	69	0
SHEBÎN EL KÔM	00	7	04	2	0	0	—	16.7	23.0	74	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	8	32	3	0	0	—	16.3	25.3	66	0
CAIRO EZBEKÎYA	00	7	30	1	0	0	—	17.4	24.4	57	0
CAIRO GÎZA	00	7	30	1	0	0	—	17.2	24.4	59	0
HELWÂN	00	7	32	3	0	0	—	16.8	25.5	54	0
SUEZ	00	9	30	1	0	0	—		24.8	64	0
UPPER EGYPT											
FAIYÛM	00	8	32	1	0	0	—	16.0	24.1	68	0
MINYA	01	8	32	3	1	4	4	15.6	26.6	48	0
ASYÛT	00	6	26	1	1	0	—	14.3	28.0	39	0
NAG' HAMÂDI											
QENA	01	6	24	2	1	3	1	13.1	27.7	53	0
LUXOR	00	8	04	2	0	0	—		29.0	40	0
ASWÂN	00	9	32	4	0	0	—	10.7	35.0	24	0
WESTERN DESERT											
SÎWA			00	0	0	0	—	16.0	27.0	61	0
BAHARÎYA	00	7	04	1	0	0	—	15.2	26.1	49	0
KHÂRGA	00	9	32	2	0	0	—		29.2	28	0
DAKHLA	01	8	28	1	1	4	5	12.6	28.6	44	0
RED SEA											
TÔR	00	7	28	2	0	0	—		29.2	60	0
HURGHÂDA A.P.	00	8	31	5	0	0	—	11	28	74	0
QUSEIR	00	8	32	2	0	0	—	11.2	27.8	78	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 8th — الرياح العليا يوم ٨

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 12h30 m.	EL OBEID 13h. m.	MALAKAL 12h. m.	JUBA h. m.
							03 36 20	03 02 05	06 00 00	06 17 10	06 34 10	06 24 15	
							06 06 15	06 36 15	09 35 15	09 17 10	09 29 10	09 23 20	
							09 11 20	09 04 30	15 36 05	15 12 10	15 24 15	15 24 20	
							15 15 35	15 07 25	21 06 05	21 10 25		21 23 20	
							21 13 20	21 03 20	24 06 10	24 07 25		24 23 15	
							24 12 15	30 06 15	27 08 15			30 19 05	
							30 09 15	39 12 15	30 09 20			33 09 10	
							33 10 15	45 06 20	33 09 15				
							39 08 15	60 36 05					

Remarks

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

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	9-10	5959	6948
	8-10	6192	7211

STATION	Mean of day: HUMIDITY % on 8th	Diff from normal	WET BULB TEMP. °C on 8th	Diff from normal
Alexandria	69	+2	20.2	-0.3
Ezbeklya	56	-10	20.1	+0.5
Giza	61	-7	20.4	+0.6
Helwân	60	+7	19.4	+1.1

GÎZA — GRASS MINIMUM TEMP. ON 9th 11.9 °C

CAIRO — WATER TEMP. AT 9h. ; RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Jûba				14.42	+0.68
Nâsser				10.92	+0.42
Malakâl		12.40	+0.14	12.39	+0.14
J. Aulia Res.	10			377.30	—
J. Aulia D.S				374.27	-0.29
Roseires				17.06	+0.29
Sennar Res.				17.50	—
Khartûm				14.37	-0.24
Kh. el Girba				12.70	+0.74
'Atbara		13.74	+0.12	13.80	+0.10
Kajnarti				140.08	-0.04
Aswân Res.		98.97	—	98.50	—
Aswân D.S		90.80	-0.35	91.02	-0.17
Roda (Cairo)		18.26	-0.13	18.29	-0.10

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

At 8h. on Thursday 9th — الساعة ٨ يوم ٩ الخميس

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				1
MATRÛH	00	9	24	1	0	0	—	18.2	+2.0	22.9	26	-1	20	+1	85	0	0	4
MARIUT	01	7	30	2	1	4	6	17		24	28	—		—	69	0	0	2
ALEXANDRIA	01	9	32	2	2	5	8	16.4	+0.3	25.0	28	-1	23	+2	65	0	0	1
DAMIETTA	01	8	22	2	1	3	9	16.7	+1.6	23.9	27	—	17	—	74	0	0	1
PORT SA'ÎD A.P.	00	7	32	3	0	3	9	17		24	27		22		74	0	0	0
EL 'ARÎSH	00	9	20	2	0	3	8	16.2	+1.3	23.6	28	-1	20	+2	75	0	0	1
LOWER EGYPT																		
DAMANHÛR	01	6	32	2	1	3	8	17.5	+1.6	22.8	29	-2	18	0	78	0	0	1
MANŞÛRA	00	8	02	1	0	0	—	17.4	+1.9	23.0	31	0	18	0	74	0	0	0
TANTA	00	8	00	0	0	0	—	17.5	+1.6	21.0	30	-1	15	-1	87	0	0	0
ZAGAZIG	00	6	32	2	0	0	—	17.8	+1.8	24.8	32	+1	17	+1	73	0	0	0
SHEBÎN EL KÔM	00	8	14	1	0	0	—	18.0	+2.2	20.8	32	—	18	—	82	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	04	1	0	0	—	17.3	+1.9	21.8	31	—	19	—	77	0	0	—
CAIRO EZBEKÎYA	00	6	30	2	0	1	8	17.5	+2.1	22.9	31	0	19	+1	72	0	0	0
CAIRO GÎZA	00	6	30	2	0	1	8	17.8	+2.2	23.0	31	+1	16	0	73	0	dr	0
HELWÂN	00	7	32	2	0	0	—	17.9	+2.4	21.6	30	-1	18	-1	75	0	0	0
SUEZ	00	9	32	1	0	0	—			23.3	31	-1	19	-1	72	0	0	0
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	0	—	17.8	+2.3	22.0	30	-2	18	0	75	0	2	0
MINYA	00	9	32	2	1	0	—	16.0	+1.0	23.9	31	0	20	+2	68	0	0	—
ASYÛT	00	7	28	1	0	0	—	15.9	+1.6	26.5	33	+2	21	+2	53	0	0	0
NAG' HAMÂDI												—		—				—
QENA	01	7	24	2	1	3		13.0	-0.1	26.2	37	+1	23	+4	62	0	0	—
LUXOR	00	9	10	1	0	0	—	12.7	-0.1	31.0	39	+2	21	+1	42	0	0	—
ASWÂN	00	9	32	3	0	0	—	12.2	+0.1	28.0	40	+3	25	+3	43	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.2	+1.1	23.4	34	+1	19	+4	80	0	0	0
BAHARÎYA	00	8	00	0	0	0	—	16.0	-0.1	23.0	32	0	17	0	66	0	0	0
KHÂRGA	00	9	02	2	0	0	—			26.9	38	+3	24	+5	36	0	0	—
DÂKHLA	01	8	04	1	1	4	5	15.1	+0.4	29.1	35	+1	25	+7	56	0	0	—
RED SEA																		
TÔR	00	6	28	4	0	0	—	12.3	-0.3	25.6	29	-1	19	0	64	0		0
HURGHÂDA A.P.	00	8	30	4	0	2	4.5	13		27	28		23		55	0	0	0
QUSEIR	00	8	32	4	0	0	—	12.6	+0.3	28.8	30	-1	25	+1	57	0	0	0
PORT SÛDÂN	00	8	30	2	1	3	8	11		31			24		41	0	0	3
NORTH SÛDÂN																		
WÂDI HALFA	00	7	02	2	0	0	—	11		26					37	0	0	—
KAREIMA	00	8	28	1	0	0	—	9		30					22	0	0	0
'ATBARA	00	8	00	0	0	0	—	8		31					33	0	0	0
KHARTÛM	00	8	18	1	0	1	4	7		30			26		43	0	0	1
KASSALA	00	8	16	3	0	0	—	11		29					59	0	0	2
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	16	2	0	2	3			26					70	0	6	3
RENK												—		—		—	—	10
ROSEIRES																0	20	7
EL OBEID	02	9	20	3	1	—	4.2									0	1	4
EL FÂSHER	01	8	00	0	1	3	2	—	—	27			18			0	0	2
GENEINA	01	7	00	0	1	4	2	—	—	19		—	16	—	94	—	—	2
KADUGLI	01	8	12	1	1	4	1	11		24		—		—	84	—	—	35
S. SÛDÂN																		
MALAKÂL	00	8	12	2	1	2	1	10		26			20		79	6	24	28
WÂU	01	8	00	0	1	4	4.1	9		25			21		79	1	19	35
JUBA	02	8	12	2	1	8	2	11		24			20		69	0	18	28

UPPER WINDS ON 9th — الرياح العليا يوم ٩

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

MATRÛH 6h30 m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 8h30 m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h15 m.	ABU HAMAD 6h45 m.	KAREIMA 6h30 m.	KHARTÛM 6h30 m.
03 29 20			03 01 15		03 36 15		03 01 25	09 10 25	09 13 30	09 12 20	09 28 25
06 30 15			05 02 20		05 02 45		05 03 40	15 11 25	15 15 40	15 09 15	15 32 25
09 30 10			10 01 30		10 36 50		10 06 30	21 09 30	21 14 05	21 08 15	21 01 10
12 31 20			15 34 40		15 35 50		15 14 15	33 06 25		30 07 15	
15 30 40			20 34 30				20 12 20	39 04 15			
18 29 45			30 25 40				25 13 20	45 01 25			
21 29 40			40 25 55					60 24 10			
			50 26 45								
			58 27 65								

KASSALA 6h45 m.	PORT SÛDÂN 6h45 m.	EL OBEID h. m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL 7h. m.
09 16 20	09 06 10		09 05 20	09 06 05	09 12 25
15 12 35	15 10 25		15 09 25	15 08 40	15 19 20
21 12 25	21 10 45		21 05 35	21 06 65	21 16 15
	30 15 50		33 05 20		33 08 20
	33 16 50				

CYPRUS SYNOPTIC 8h ON 9th
34807 00961 26201 16211 50102

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

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

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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. 05 53
Sunset 17 31

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

DAILY WEATHER REPORT

Month *October* 1947 — شهر أكتوبر ١٩٤٧

At 14h. on *Thursday 9th* — الساعة ١٤ يوم ٩/١٠

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 hr. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	oo	9	33	2	o	o	—	16.2	25.0	59	o
MARIUT	oo	7	29	3	1	2	8	16	26	62	o
ALEXANDRIA	o1	9	28	3	2	5	8	16.2	26.4	69	o
DAMIETTA	oo	8	28	3	1	2	8	15.6	25.7	59	o
PORT SA'ÎD A.P.	oo	8	31	3	o	2	6	16	26	62	o
EL 'ARÎSH	oo	9	32	3	o	2	8	14.6	26.6	65	o
LOWER EGYPT											
DAMANHÛR	oo	7	o4	4	1	o	—	16.3	27.3	48	o
MANSÛRA	o1	8	30	2	1	3	8	15.4	29.6	43	o
TANTA	o1	8	32	2	1	3	8	15.4	28.7	45	o
ZAGAZIG	oo	6	32	2	o	o	—	14.6	30.4	42	o
SHEBÎN EL KÔM	oo	8	28	3	o	2	8	14.4	30.4	39	o
MIDDLE EGYPT											
CAIRO (ALMÂZA	oo	8	32	3	o	2	8	14.6	29.3	43	o
CAIRO (EZBEKÎYA	oo	8	30	2	o	o	—	14.8	29.6	39	o
CAIRO (GÎZA	oo	8	30	2	o	o	—	15.1	29.5	40	o
HELWÂN	oo	8	32	3	o	o	—	14.8	28.4	37	o
SUEZ	oo	9	32	1	o	3	3		28.8	45	o
UPPER EGYPT											
FAIYÛM	oo	8	o2	2	o	o	—	14.0	29.1	41	o
MINYA	oo	9	32	4	o	o	—	14.3	31.0	37	o
ASYÛT	oo	8	28	1	o	o	—	13.0	30.0	30	o
NAG' HAMÂDI											
QENA	oo	9	34	1	o	o	—	9.2	37.4	35	o
LUXOR	oo	9	10	2	o	o	—	9.4	37.0	30	o
ASWÂN	oo	9	30	2	o	o	—	7.6	38.7	14	o
WESTERN DESERT											
SÎWA	o1	8	oo	o	1	4	4	17.2	33.0	50	o
BAHARÎYA	oo	8	32	1	o	o	—	15.2	31.0	37	o
KHÂRGA	oo	9	o2	1	o	o	—		32.9	21	o
DAKHLA	o2	8	o2	3	1	5	5	12.4	33.8	50	o
RED SEA											
TÔR	oo	7	28	5	o	o	—	11.9	27.9	63	o
HURGHÂDA											
QUSEIR	oo	8	32	3	o	o	—	11.6	30.2	57	o
PORT SÛDÂN	oo	8	o4	2	o	o	—	8	32	75	
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA	o6	8	o2	3	o	3	8,4	4	42	11	
'ATBARA	oo	8	o4	2	o	o	—	3	41	17	
KHARTÛM	o1	8	o4	1	o	3	8	3	39	14	
KASSALA	oo	8	o4	2	o	3	8	2	40	19	
CENTRAL SÛDÂN											
WAD MEDANI	o1	8	16	2	o	3	8	3	32	36	
RENK	oo	9	20	2	o	o	—	6	33	53	
ROSEIRES	oo	8	28	1	o	o	—	6	33	56	
EL OBEID	o1	9	18	2	1	5	8,2	2	37	22	
EL FÂSHER	o2	8	o4	2	1	5	4,2	—			
GENEINA	o2	8	o8	3	1	8	2	—	34	22	
KADUGLI	o1	8	20	2	1	4	4	7	34	41	
S. SÛDÂN											
MALAKÂL	o1	8	18	1	1	4	8	5	33	56	
WÂU	o2	8	12	1	1	5	8,2	5	35	37	
JUBA	o2	8	30	2	1	6	8,2	6	34	41	

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

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 hr. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	o1	8	32	1	o	3	8	16.6	23.9	91	o	131
MARIUT	o1	7	30	1	o	3	6		23	74	o	150
ALEXANDRIA	o1	8	o4	2	2	3	4	17.2	23.0	66	o	132
DAMIETTA	oo	6	28	1	1	2	8	16.8	22.8	72	o	159
PORT SA'ÎD A.P.	oo	7	31	2	o	1	8	16	24	69	o	134
EL 'ARÎSH	o1	9	28	2	1	4	8	15.0	25.4	72	o	135
LOWER EGYPT												
DAMANHÛR	oo	7	32	3	o	o	—	16.6	21.0	74	o	136
MANSÛRA	oo	6	o4	2	1	o	—	17.1	21.8	74	o	137
TANTA	oo	8	oo	o	1	o	—	16.7	20.6	78	o	138
ZAGAZIG	oo	6	22	2	o	o	—	17.9	25.4	72	o	139
SHEBÎN EL KÔM	oo	7	30	2	o	o	—	17.2	21.4	68	o	—
MIDDLE EGYPT												
CAIRO (ALMÂZA	oo	8	o2	3	o	o	—	16.1	24.8	61	o	141
CAIRO (EZBEKÎYA	oo	7	28	2	o	o	—	16.3	24.0	65	o	—
CAIRO (GÎZA	oo	7	28	2	o	o	—	16.2	24.2	66	o	—
HELWÂN	oo	7	32	4	o	o	—	16.0	24.8	54	o	143
SUEZ	oo	9	o2	1	o	o	—		23.4	72	o	144
UPPER EGYPT												
FAIYÛM	oo	8	o2	1	o	o	—	15.0	24.8	52	o	153
MINYA	oo	9	32	2	1	o	—	14.8	25.5	60	o	154
ASYÛT	oo	6	26	1	o	o	—	13.9	26.8	44	o	155
NAG' HAMÂDI												164
QENA	oo	6	24	2	o	o	—	12.9	28.1	52	o	156
LUXOR	oo	8	26	2	o	o	—	10.3	29.0	37	o	157
ASWÂN	oo	9	32	3	o	o	—	9.6	[illegible]	22	o	158
WESTERN DESERT												
SÎWA	oo		oo	o	o	o	—	16.0	27.5	54	o	148
BAHARÎYA	oo	7	o8	1	o	o	—	15.6	25.0	54	o	149
KHÂRGA	oo	9	32	1	o	o	—		28.8	30	o	151
DAKHLA	oo	8	o4	1	o	o	—	13.1	29.4	51	o	152
RED SEA												
TÔR	oo	7	28	3	o	o	—	12.4	27.1	63	o	145
HURGHÂDA	oo	8	32	4	o	o	—	12	28	66	o	146
QUSEIR	oo	8	32	3	o	o	—	11.2	27.3	72	o	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON *9th* — الرياح العليا يوم ٩

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12h.45 m.	KHARTÛM 13h.30 m.	KASSALA 13 h. m.	EL OBEID 13.h.30 m.	MALAKAL 13 h.15 m.	JUBA h. m.
								03 02 10		06 02 10	06 23 05	06 21 15	
								06 01 20		09 05 05	09 20 10	09 22 15	
								09 01 25	15 09 10		15 17 10	15 18 20	
								15 03 25	18 09 15		21 12 25	21 18 15	
								21 03 25	21 08 15		24 12 25	24 17 15	
								24 04 30	24 06 15		27 09 40	30 07 20	
								30 07 20	27 04 05			33 06 25	
								09 08 15	30 11 05			05 05 35	
								12 12 05	33 16 05				

UPPER WINDS ON *10th* — الرياح العليا يوم ١٠

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR 7h.15 m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
6 h.30 m.											
03 25 05						03 33 05					
06 01 05						06 03 05					
09 35 10						09 04 10					
12 33 15						12 12 05					
15 30 15						15 17 05					
18 31 15						18 16 15					
21 31 15											

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

At 8h. on *Friday 10th* — الساعة ٨ يوم ١٠ الجمعة

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm °C	MINIMUM Today °C mm	MINIMUM Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm From Oct 1 mms.
MEDITERRANEAN																		
SALÛM											—		—					1
MATRÛH	oo	9	32	1	o	2	8	17.4	+1.2	22.2	28	+1	18	-1	70	o	o	4
MARIUT	o1	7	oo	o	o	3	6			26	26	—	19	—	70	o	o	2
ALEXANDRIA	o1	9	o4	3	2	4	4	17.1	+0.9	24.2	26	-3	21	o	65	o	o	1
DAMIETTA	o1	6	18	1	1	3	8	16.0	+0.8	25.2	27	—	17	—	69	o	o	1
PORT SA'ÎD A.P.	oo	7	o4	1	o	2	6	16		26	27		23		55	o	o	o
EL 'ARÎSH	oo	9	14	2	o	2	9	16.2	+1.2	24.1	28	-1	17	-1	73	o	o	1
LOWER EGYPT																		
DAMANHÛR	oo	6	32	3	o	o	—			22.2	29	-2	17	-1	78	o	o	1
MANSÛRA	oo	8	20	1	o	o	—	16.7	+1.2	23.8	30	-1	19	+1	69	o	o	o
TANTA	oo	8	oo	o	o	o	—	17.0	+1.0	21.0	30	-1	14	-2	84	o	o	o
ZAGAZIG	oo	6	24	2	o	o	—	17.1	+1.0	24.4	32	+1	16	o	67	o	o	o
SHEBÎN EL KÔM	oo	8	o2	2	o	o	—	17.0	+1.1	22.9	31	—	17	—	75	o	o	—
MIDDLE EGYPT																		
CAIRO (ALMAZA	oo	7	o1	1	o	3	6	16.2	+0.7	20.0	30	—	17	—	83	o	o	—
CAIRO (EZBEKÎYA	o1	6	30	1	o	3	8	16.3	+0.8	21.7	30	-1	18	o	74	o	o	o
CAIRO (GÎZA	o1	6	30	1	1	3	8	16.7	+1.0	22.4	30	o	16	o	73	o	dr	o
HELWÂN	oo	6	32	3	o	1	8	16.6	+1.0	21.1	29	-1	18	-1	74	o	o	o
SUEZ	oo	9	30	1	o	o	—			23.5	30	-2	18	-2	72	o	o	o
UPPER EGYPT																		
FAIYÛM	oo	8	32	2	o	o	—	16.0	+0.5	21.7	30	-2	18	o	76	o	2	o
MINYA	o1	8	32	2	1	4	4	15.8	+0.7	24.0	31	o	21	+3	60	o	o	—
ASYÛT											—		—			o	o	o
NAG' HAMÂDI																o	o	—
QENA	oo	7	24	2	o	o	—	12.3	-0.8	25.0	38	+2	22	+3	63	o	o	—
LUXOR	oo	9	o6	2	o	o	—	12.6	-0.3	28.2	39	+1	21	+2	56	o	o	—
ASWÂN	oo	9	32	2	o	o	—	11.5	-0.7	27.0	40	+3	24	+2	40	o	o	—
WESTERN DESERT																		
SÎWA	o2	7	oo	o	1	6	5	17.6	+0.4	21.6	34	+1	18	+3	80	o	o	o
BAHARÎYA	oo	8	32	1	o	o	—	16.0	-0.2	22.0	31	-1	17	+1	66	o	o	o
KHÂRGA	oo	9	32	2	o	o	—			26.1	35	o	23	+4	46	o	o	—
DÂKHLA	o1	8	o4	1	1	4	5	14.8	o.o	27.3	34	o	23	+5	59	o	o	—
RED SEA																		
TÔR	oo	7	28	4	o	o	—	13.4	+0.7	25.4	28	-1	19	o	65	o	o	o
HURGHÂDA A.P.	oo	9	30	5	o	o	—	13		25	29		23		74	o	o	o
QUSEIR	oo	8	32	4	o	o	—	12.4	-0.1	27.3	31	o	24	o	68	o	o	o
PORT SÛDÂN	oo	8	20	2	o	1	8	10		31			21		66	o	o	3
NORTH SÛDÂN																		
WÂDI HALFA																o	o	—
KAREIMA	oo	8	32	1	o	o	—	8		32			28		28	o	o	o
'ATBARA	oo	8	oo	o	o	o	—	8		30			26		35	o	o	o
KHARTÛM	oo	8	20	1	o	1	2	7		31			27		38	o	o	1
KASSALA	oo	8	16	2	o	o	—	8		29			19		52	o	o	2
CENTRAL SÛDÂN																		
WAD MEDANI	oo	8	16	2	1	o	—	7		28					66	o	6	3
RENK											—		—			—	—	12
ROSEIRES	o1	8	12	1	1	3	5	8		23					78	o	20	8
EL OBEID	o1	8	20	3	1	3	4	7		29			22		49	o	1	5
EL FÂSHER	o1	9	32	6	o	3	2	—	—	27			21		28	o	o	2
GENEINA	o5	6	24	2	1	3	2	—	—	21		—	17	—	78	—	—	2
KADUGLI	o1	8	28	1	1	5	1	10		23		—		—	94	—	—	40
S. SÛDÂN																		
MALAKÂL																3	27	31
WÂU	o1	8	24	1	1	5	2	9		26			22		70	o	19	40
JUBA																o	18	32

UPPER AIR TEMP — ALMÁZA

AT G.M.T ON

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

CYPRUS SYNOPTIC 8h ON *10th*

34700 00990 00000 16211 60307 00160
34800 00990 10100 17211 70305 7AAAA.

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	1947	1946
	10-10	5718	6653
	9-10	5959	6948

STATION	Mean of day HUMIDITY % on 9th	Diff from normal	WET BULB TEMP °C on 9th	Diff from normal
Alexandria	64	-3	20.2	-0.2
Ezbekiya	62	-4	19.9	+0.3
Gîza	63	-5	20.0	+0.2
Helwân	58	+5	18.8	+0.6

GÎZA — GRASS MINIMUM TEMP. ON *10th* 10.2 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		14.08	+0.33	14.24	+0.49
Nâsser		16.93	+0.43	16.92	+0.42
Malakâl		12.40	+0.18	12.40	+0.14
J. Aulia Res.	10			277.30	—
J. Aulia D.S				274.18	-0.31
Roseires		16.75	+0.16	16.98	+0.33
Sennar Res.		17.50	—	17.52	—
Khartûm		14.14	-0.33	14.25	-0.27
Kh. el Girba				12.86	+0.91
'Atbara		13.66	+0.11	13.74	+0.12
Kajnarti	10	139.89	-0.08	139.99	-0.06
Aswân Res.		99.65	—	98.97	—
Aswân D.S		90.60	-0.48	90.30	-0.35
Roda (Cairo)		18.27	-0.15	18.26	-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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 P.C.

CAIRO
Time of Sunrise h. 05 m. 53
Sunset h. 17 m. 30

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on Friday 10th (الساعة ١٤ يوم ١٠/١٠) — **At 20h. on 10th** (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	00	9	04	1	0	0	—	16.2	25.7	72	0	00	8	00	0	0	0	—	16.6	23.3	85	0	131
Mariut	01	7	30	2	0	4	6	15	27	55	0	00	7	01	1	0	1	6	16	22	74	0	150
Alexandria	01	9	30	4	2	4	8	15.2	26.8	60	0	01	5	32	2	2	3	4	16.8	23.0	66	0	132
Damietta	01	8	04	2	1	4	8	14.4	25.5	62	0	00	6	28	1	1	2	8	14.6	22.8	76	0	159
Port Sa'îd A.F.	00	8	04	2	0	2	8	15	28	58	0	00	7	02	2	0	0	—	15	24	69	0	134
El 'Arîsh	01	9	02	3	1	4	8	14.0	25.8	73	0	01	9	28	2	1	4	8	14.3	26.1	71	0	135
Lower Egypt																							
Damanhûr	01	7	04	3	1	3	8	15.5	28.2	50	0	00	7	32	3	1	0	—	15.5	21.2	78	0	136
Mansûra	01	8	02	2	1	4	8	14.3	29.5	46	0	00	6	32	2	1	0	—	15.5	22.4	77	0	137
Tanta	00	8	28	2	0	0	—	14.2	30.2	43	0	00	8	00	0	0	0	—	15.4	22.0	80	0	138
Zagazig	00	6	32	2	0	0	—	14.8	31.2	43	0	00	6	24	2	0	0	—		24.4	74	0	139
Shebîn el Kôm	00	8	04	3	0	0	—	14.4	30.7	42	0	00	7	02	2	0	0	—	15.4	22.3	73	0	—
Middle Egypt																							
Cairo Almâza	00	8	32	3	0	0	—	13.3	29.0	50	0	00	7	02	2	0	0	—	14	26	58	0	141
Cairo Ezbekîya	00	8	28	1	0	0	—	13.6	29.4	43	0	00	7	30	2	0	0	—	15.1	24.7	59	0	—
Cairo Gîza	00	8	28	1	0	0	—	13.6	29.2	42	0	00	7	30	2	0	0	—	14.6	24.3	63	0	—
Helwân	00	8	32	3	0	2	4	13.4	29.3	33	0	00	7	32	3	0	2	4	14.4	25.2	53	0	143
Suez	01	9	30	1	1	4	3		29.7	38	0	00	9	30	1	0	0	—		25.4	60	0	144
Upper Egypt																							
Faiyûm	01	8	02	1	1	3	8	12.7	29.1	38	0	01	8	32	1	1	3	8	14.2	24.1	60	0	153
Minya												01	9	32	2	1	3	4	14.2	25.0	54	0	154
Asyût												00	6	26	1	0	0	—	13.5	26.2	47	0	155
Nag' Hamâdi																							164
Qena	00	9	24	2	0	0	—		33.4	43	0	00	6	18	3	0	0	—	10.3	28.6	49	0	156
Luxor	00	9	30	2	0	0	—	9.5	35.8	34	0	00	8	08	1	0	0	—	11.0	26.8	53	0	157
Aswân	00	9	30	2	0	0	—	8.3	37.8	14	0	00	9	32	2	0	0	—	9.2	36.6	16	0	158
Western Desert																							
Sîwa	00	8	28	2	0	0	—	17.1	31.0	48	0	00		00	0	0	0	—	16.0	26.0	55	0	148
Baharîya	00	8	32	1	0	0	—	13.6	30.0	33	0	00	7	00	0	0	0	—	14.0	24.0	42	0	149
Khârga	00	9	32	1	0	0	—		32.9	20	0												151
Dakhla	01	8	32	3	1	4	5	11.8	32.4	52	0	00	8	32	1	0	0	—	14.0	28.9	55	0	152
Red Sea																							
Tôr	00	7	28	3	0	0	—	12.2	27.8	62	.	00	7	28	3	0	0	—	10.6	27.9	60	0	145
Hurghâda A.F.												00	9	30	5	0	0	—	11	27	62	0	146
Quseir	00	8	32	3	0	0	—	11.0	29.9	63	0	00	8	30	2	0	0	—	10.6	26.4	73	0	[illegible]
Port Sûdân	00	8	04	3	0	0	—	7	33	62													208
North Sûdân																							
Wâdi Halfa	00	8	32	1	0	0	—	7	38	15													165
Kareima	00	8	04	3	0	3	8	5	41	14													166
'Atbara	00	8	08	3	0	0	—	3	41	13													167
Khartûm	01	8	30	2	0	4	9,1	3	39	16													209
Kassala	00	8	12	2	0	3	8	2	39	14													170
Central Sûdân																							
Wad Medani	01	8	30	2	1	4	8	3	37	35													171
Renk																							[illegible]
Roseires																							[illegible]
El Obeid																							174
El Fâsher	00	8	32	3	0	1	1	—	38	19									—				175
Geneina	05	6	08	3	1	4	2	—	35	22									—				176
Kadugli																							[illegible]
S. Sûdân																							
Malakâl																							[illegible]
Wau																							177
Juba																							

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	Car Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm °C	Minimum Today °C	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm. from Oct. 1 mms
Mediterranean																		
Salûm												—		—				1
Matrûh	00	9	22	1	0	3	8	17.9	+1.6	22.3	27	0	18	-1	68	0	0	5
Mariut	00	7	28	2	0	3	6	17		24	27	—	20	—	69	0	0	2
Alexandria	01	9	28	1	2	4	8	17.0	+0.8	24.2	28	-1	21	+2	59	0	0	2
Damietta	01	7	20	2	1	3	6	15.8	+0.6	24.9	27	—	17	—	69	0	0	2
Port Sa'îd A.F.	01	7	28	3	1	3	6	16		24					69	0	0	1
El 'Arîsh	02	9	20	2	2	5	8	14.8	-0.2	25.4	27	-2	20	+2	75	0	0	1
Lower Egypt																		
Damanhûr	01	6	28	2	1	3	8	16.6	+0.6	21.8	29	-2	17	0	78	0	0	1
Mansûra	01	8	28	2	1	3	6	16.4	+0.4	22.6	31	0	19	+2	69	0	0	1
Tanta	00	8	00	0	0	0	—	16.7	+0.7	21.0	30	-1	15	-1	89	0	0	1
Zagazig	00	6	32	2	0	0	—	17.1	+1.0	21.2	31	0	17	+1	84	0	0	0
Shebîn el Kôm	00	8	28	2	0	2	8	16.8	+0.8	19.8	31	—	17	—	80	0	0	—
Middle Egypt																		
Cairo Almaza	00	7	32	1	0	0	—	16.4	+0.8	21.6	30	—	17	—	71	0	0	—
Cairo Ezbekîya	00	6	32	1	0	0	—	16.4	+0.8	21.9	30	-1	18	0	74	0	0	0
Cairo Gîza	00	6	32	1	0	0	—	16.7	+0.9	21.7	30	0	16	0	77	0	dr	1
Helwân	00	6	32	2	0	0	—	16.8	+1.2	21.5	30	0	18	-1	73	0	0	0
Suez	02	9	02	1	2	5	5			24.1	31	-1	19	-1	69	0	0	0
Upper Egypt																		
Faiyûm	00	8	32	2	0	0	—	17.1	+1.5	22.0	30	-2	18	0	74	0	2	0
Minya	00	9	32	3	0	0	—	16.4	+1.2	22.0	30	0	20	+2	74	0	0	—
Asyût	00	7	28	1	0	0	—	16.3	+1.9	22.8	31	0	20	+1	68	0	0	0
Nag' Hamâdi												—						—
Qena	00	7	24	2	0	0	—	13.1	-0.1	24.0	36	+1	22	+3	65	0	0	—
Luxor	00	9	06	2	0	0	—	13.1	+0.1	28.2	37	0	20	+1	50	0	0	—
Aswân	00	9	32	3	0	0	—	12.2	-0.1	27.0	40	+3	24	+2	37	0	0	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	18.7	+1.4	22.6	32	-1	16	+1	69	0	0	0
Baharîya	00	8	04	1	0	0	—	16.4	+0.1	20.5	30	-1	15	-1	67	0	0	0
Khârga																		—
Dâkhla	00	8	00	0	0	0	—	15.0	+0.1	27.0	33	-1	19	+1	61	0	0	—
Red Sea																		
Tôr	00	7	28	2	0	0	—	12.0	-0.8	24.7	28	-1	19	0	58	0	0	0
Hurghâda A.F.	00	8	30	5	0	0	—	12		25	28		23		74	0	0	0
Quseir	00	8	30	2	0	3	3	12.2	-0.4	27.8	30	-1	24	0	56	0	0	0
Port Sûdân	01	8	30	1	1	4	6	11		32			27		71	0	0	4
North Sûdân																		
Wâdi Halfa																0	0	—
Kareima	00	8	20	1	0	0	—	10		30			26		25	0	0	0
'Atbara	00	8	14	2	0	0	—	9		31			25		24	0	0	0
Khartûm	00	8	00	0	1	1	4	9		30			27		49	0	0	1
Kassala	01	8	16	1	1	4	4	8		29			21		48	0	0	2
Central Sûdân																		
Wad Medani	01	9	16	3	1	4	3	9		28					58	0	6	4
Renk	00	9	20	2	0	0	—	9		26		—		—	89	—	—	13
Roseires	02	7	12	1	2	8	6	8		23					94	12	32	9
El Obeid	02	9	20	2	1	7	4,2	8		28			22		48	0	1	5
El Fâsher								—	—							0	0	2
Geneina								—	—			—		—		—	—	3
Kadugli	01	8	24	4	1	5	1	11		23		—		—	94	—	—	45
S. Sûdân																		
Malakâl	02	8	00	0	1	5	4	9		27			23		70	dr	27	34
Wâu																0	19	45
Juba	02	8	14	2	1	8	8,2	10		24			20		84	0	18	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD AMOUNT (N)

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

CLOUD FORM (C)

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

UPPER WINDS ON 10th (الرياح العليا يوم ١٠)

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

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 13h. m.	Kareima 12h. 45m.	Khartûm h. m.	Kassala 13h. m.	El Obeid h. m.	Malakal h. m.	Juba h. m.
							03 01 10	03 09 15		06 21 05			
							06 04 05	06 09 15		09 20 05			
							09 06 05	09 08 10		15 14 10			
							15 14 20	15 11 05		21 13 20			
							21 12 10	21 11 20		30 10 25			
							30 09 20	30 13 20		39 11 40			
							39 09 15	39 12 20					
								45 17 25					
								60 11 25					

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 6h. 30m.	Mariut h. m.	Port Sa'îd h. m.	Helwân 8h. 30m.	Minya h. m.	Asyût 7h. m.	Luxor 7h. 15m.	Aswân 7h. m.	Wâdi Halfa h. m.	Abu Hamad 6h. 45m.	Kareima 6h. 45m.	Khartûm 6h. 15m.
03 34 20			02 35 20		02 35 30	03 13 02	02 36 25		09 11 25	09 09 50	09 26 20
06 36 20			05 36 20		05 35 25	06 35 15	05 04 30		15 12 40	15 06 40	15 20 10
09 36 20			08 01 30		10 34 25	09 01 05	10 07 15		21 13 45	21 10 35	21 08 20
12 35 20			10 36 30		15 30 30	12 06 05	15 15 20		30 05 20	24 09 30	27 07 25
15 34 35			15 36 15			15 15 05	20 11 40		33 05 35		
18 33 15			20 28 10						39 06 40		
21 35 15			25 21 50						45 04 30		
			30 21 65								
			40 21 85								

Kassala 7h. m.	Port Sûdân 6h. 45m.	El Obeid h. m.	El Fâsher 7h. 15m.	Geneina h. m.	Malakal 7h. m.
09 13 10	09 08 15		09 27 15		0[illegible] 27 05
15 06 15	15 12 20		15 27 20		15 24 05
21 03 25	21 12 15		21 27 25		21 26 05
24 03 25	24 12 15		24 27 20		

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			

WIND FORCE (F)

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

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

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	1947	1946
	11-10	5455	6395
	10-10	5718	6653

Mean of day

Station	Humidity % on 10th	Diff from normal	Wet Bulb Temp °C on 10th	Diff from normal
Alexandria	64	-3	19.8	-0.6
Ezbekiya	60	-6	19.7	+0.1
Giza	62	-6	19.8	+0.1
Helwân	58	+5	18.7	+0.5

GÎZA — GRASS MINIMUM TEMP. ON 11th 11.4 °C

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

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	10			14.08	+0.33
Nâsser				10.93	+0.43
Malakâl		12.40	+0.13	12.40	+0.14
J. Aulia Res.					
J. Aulia D.S					
Roseires		16.58	+0.05	16.75	+0.16
Sennar Res.				17.50	—
Khartûm		14.08	-0.31	14.14	-0.33
Kh. el Girba					
'Atbara		13.56	+0.06	13.66	+0.11
Kajnarti	11			139.89	-0.08
Aswân Res.		100.57	—	99.65	—
Aswân D.S		90.40	-0.60	90.60	-0.48
Roda (Cairo)		18.23	-0.21	18.27	-0.15

CYPRUS SYNOPTIC 8h ON 11th
34700 00990 16200 15311 80802
34800 00990 24110 15281 10905

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

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 05 54
Sunset h. m. 17 29

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on Saturday 11th (الساعة ١٤ يوم ١١/١٠)

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	32	1	0	4	8	17.0	25.2	84	0
MARIUT	00	7	30	3	0	3	8	15	26	66	0
ALEXANDRIA	01	9	02	4	2	4	8	15.8	26.4	57	0
DAMIETTA	00	8	30	3	1	2	8	14.6	26.0	55	0
PORT SA'ÎD AP.	00	8	31	2	0	1	6	15	26	62	0
EL 'ARÎSH	02	9	32	4	2	5	8	13.8	26.9	79	0
LOWER EGYPT											
DAMANHÛR	01	7	28	3	1	4	8	15.0	27.3	54	0
MANSÛRA	01	8	04	2	1	4	6	14.6	29.8	43	0
TANTA	01	8	28	1	1	4	8	14.6	30.0	41	0
ZAGAZIG	00	6	32	2	0	0	—	14.4	29.6	48	0
SHEBÎN EL KÔM	01	8	02	3	1	3	8	15.1	29.9	38	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	8	02	1	0	1	8	14	28	45	0
CAIRO EZBEKÎYA	00	8	32	2	0	0	—	15.6	29.0	44	0
CAIRO GÎZA	00	8	32	2	0	0	—	15.4	29.2	42	0
HELWÂN	00	7	30	2	0	0	—	14.2	27.9	36	0
SUEZ	00	9	30	1	0	0	—	·	28.8	51	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	14.0	28.2	40	0
MINYA	00	9	32	3	0	0	—	14.6	29.9	36	0
ASYÛT	00	8	26	1	0	0	—	13.9	28.4	34	0
NAG' HAMÂDI											
QENA	00	9	22	3	0	0	—	10.0	35.2	29	0
LUXOR	00	9	22	2	0	0	—	10.3	36.5	31	0
ASWÂN	00	9	32	1	0	0	—	8.7	37.5	06?	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	17.4	29.4	33	0
BAHARÎYA	00	8	28	2	0	0	—	14.4	28.8	36	0
KHÂRGA	00	9	02	2	0	0	—		31.9	23	0
DAKHLA	00	9	32	3	0	0	—	13.2	31.9	53	0
RED SEA											
TÔR											
HURGHÂDA AP.											
QUSEIR	00	8	02	2	0	0	—	10.7	29.9	74	0
PORT SÛDÂN	00	8	04	3	1	2	8	9	33	68	
NORTH SÛDÂN											
WÂDI HALFA	00	8	02	2	0	0	—	8	38	15	
KAREIMA	00	8	06	3	0	0	—	5	40	10	
'ATBARA	00	8	00	0	0	0	—	4	39	18	
KHARTÛM	00	8	04	1	0	2	8	4	38	22	
KASSALA	01	8	00	0	1	4	1	2	39	16	
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID	95	7	10	7	9	7	9,4	5	31	66	
EL FÂSHER	01	7	04	3	1	4	4	—	37	12	
GENEINA	05	6	08	3	1	3	8	—	36	24	
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WAU	02	8	10	1	1	6	6,1	5	34	44	
JUBA											

At 20h. on 11th (الساعة ٢٠ 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 press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
SALÛM												130
MATRÛH	01	8	32	2	0	4	8	17.8	23.8	92	0	131
MARIUT	00	7	30	2	0	2	6	17	23	78	0	150
ALEXANDRIA	01	9	04	2	2	4	8	16.2	23.6	78	0	132
DAMIETTA	00	7	28	1	1	0	—	15.1	23.0	74	0	159
PORT SA'ÎD AP.	00	7	31	3	0	0	—	16	24	69	0	134
EL 'ARÎSH	01	9	28	3	1	4	8	14.3	26.2	77	0	135
DAMANHÛR	00	7	28	3	1	0	—	16.4	21.2	77	0	136
MANSÛRA	00	6	32	2	1	0	—	16.0	22.6	72	0	137
TANTA	01	8	32	1	1	4	8	15.9	21.4	82	0	138
ZAGAZIG	00	6	32	2	0	0	—	15.8	23.2	75	0	139
SHEBÎN EL KÔM	00	7	02	2	0	0	—	15.8	22.3	73	0	—
CAIRO ALMÂZA	00	7	30	2	0	0	—	15.4	24.8	53	0	141
CAIRO EZBEKÎYA	00	7	30	2	0	0	—	15.8	24.6	59	0	—
CAIRO GÎZA	00	7	30	2	0	0	—	15.5	23.7	63	0	—
HELWÂN	00	7	32	2	0	0	—	15.1	25.0	48	0	143
SUEZ	00	9	02	2	0	0			25.1	69	0	144
FAIYÛM	00	8	32	1	0	0	—	15.2	23.0	64	0	153
MINYA	00	9	32	2	0	0	—	15.1	25.0	56	0	154
ASYÛT	00	6	26	1	0	0	—	15.1	24.9	48	0	155
NAG' HAMÂDI												164
QENA	00	6	20	3	0	0	—	11.6	27.2	47	0	156
LUXOR	00	8	02	2	0	0	—	11.0	28.2	38	0	157
ASWÂN	00	9	32	3	0	0	—	10.7	35.0	15	0	158
SÎWA	00		00	0	0	0	—	17.4	23.0	38	0	148
BAHARÎYA	00	7	00	0	0	0	—	15.4	23.0	52	0	149
KHÂRGA	00	9	32	1	0	0	—		26.8	31	0	151
DAKHLA	00	8	00	0	0	0	—	14.7	29.2	56	0	152
TÔR	00	7	28	2	0	0	—		26.8	67	0	145
HURGHÂDA AP.	00	8	30	4	0	0	—	12	28	66	0	146
QUSEIR	00	8	04	2	0	0	—	11.5	27.0	81	0	147
PORT SÛDÂN												205
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
WAD MEDANI												171
RENK												187
ROSEIRES												173
EL OBEID												174
EL FÂSHER								—				175
GENEINA								—				179
KADUGLI												187
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 11th (الرياح العليا يوم ١١)

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13h. m.	KAREIMA 13h. m.	KHARTÛM 13h. 15m.	KASSALA	EL OBEID 13h. 15m.	MALAKAL	JUBA
							03 01 15	03 06 15	06 14 05		06 00 00		
							06 35 15	06 05 20	09 13 05		09 18 05		
							09 36 10	09 08 20	15 06 02		15 18 05		
							15 13 15	15 07 30	21 06 05				
							21 18 05	21 01 25	33 05 15				
								30 06 15	39 04 25				
								33 02 10	45 02 50				
								39 36 20					
								60 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 m³ per sec.	1947	1946
DATE 12-10	5162	6151
DATE 11-10	5455	6395

STATION	Mean of day: Humidity % on 11th	Diff from normal	Wet bulb temp °C on 11th	Diff from normal
Alexandria	67	0	20.2	-0.2
Ezbekîya	60	-6	19.6	0.0
Gîza	64	-4	19.6	-0.1
Helwân	54	+1	18.3	+0.1

GÎZA — GRASS MINIMUM TEMP. ON 12th 11.0 °C

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

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				10.44	+0.38
Nâsser					
Malakâl		12.40	+0.13	12.40	+0.13
J. Aulia Res.	10				
J. Aulia D.S					
Roseires		16.46	-0.01	16.58	+0.05
Sennar Res.				17.49	—
Khartûm		14.02	-0.31	14.08	-0.31
Kh. el Girba				12.63	+0.70
'Atbara		13.47	+0.07	13.56	+0.06
Kajnarti		139.68	-0.10	139.77	-0.10
Aswân Res.	12	101.60	—	100.57	—
Aswân D.S		90.20	-0.75	90.40	-0.60
Roda (Cairo)		18.23	-0.22	18.23	-0.21

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

At 8h. on Sunday 12th (الساعة ٨ يوم الأحد ١٢)

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Max Diff. from norm °C	Minimum Today °C	Min Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Norm. from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				1
MATRÛH	01	9	02	2	0	4	8	19.2	+2.8	24.2	26	-1	18	-1	73	0	0	5
MARIUT	00	7	31	1	1	2	6	18		26	27	—	21	—	62	0	0	2
ALEXANDRIA	01	9	04	1	2	4	8	18.2	+1.9	24.6	28	-1	22	+2	66	0	0	2
DAMIETTA	01	8	16	1	1	4	8	17.5	+2.2	24.4	28	—	16	—	72	0	0	2
PORT SA'ÎD AP.	01	7	28	2	0	3	6	17		25	27		23		65	0	0	1
EL 'ARÎSH	01	9	18	1	1	4	8	16.6	+1.5	24.1	28	-1	20	+2	74	0	0	1
LOWER EGYPT																		
DAMANHÛR	01	6	24	2	1	3	8	17.4	+1.8	22.8	29	-2	17	0	81	0	0	1
MANSÛRA	01	8	32	2	1	3	6	17.8	+2.1	23.0	31	0	18	0	73	0	0	1
TANTA	01	8	32	1	1	3	8	18.0	+1.9	19.9	31	0	14	-2	82	0	0	1
ZAGAZIG	00	6	24	2	0	0	—	17.8	+1.6	22.8	31	0	17	+1	78	0	0	0
SHEBÎN EL KÔM	00	8	30	2	0	0	—	18.3	+2.3	20.6	32	—	17	—	83	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	01	1	0	4	6	18.1	+2.4	21.2	30	—	17	—	73	0	0	—
CAIRO EZBEKÎYA	05	5	28	1	0	1	8	18.0	+2.3	21.8	30	-1	18	0	73	0	0	0
CAIRO GÎZA	05	5	28	1	0	1	8	18.4	+2.5	22.2	30	0	16	0	74	0	dr	1
HELWÂN	01	7	32	3	1	4	6	18.0	+2.3	21.6	29	-1	18	-1	73	0	0	0
SUEZ	00	9	30	1	0	0	—			23.0	30	-1	18	-2	74	0	0	0
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	0	—	18.2	+2.5	22.0	29	-3	17	-1	72	0	2	0
MINYA	00	9	32	2	0	0	—	17.9	+2.6	23.0	30	0	19	+1	74	0	0	—
ASYÛT	00	6	28	2	0	0	—	16.8	+2.3	22.8	30	-1	20	+1	68	0	0	0
NAG' HAMÂDI												—		—				—
QENA	00	7	24	2	0	0	—	14.6	+1.3	24.0	36	+1	21	+2	39	0	0	—
LUXOR	00	9	14	2	0	0	—	14.4	+1.3	27.3	38	±1	19	±0	55	0	0	—
ASWÂN	00	9	32	3	0	0	—	13.9	+1.5	27.8	39	+2	23	+1	38	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	19.6	+2.3	20.0	31	-2	15	0	72	0	0	0
BAHARÎYA	00	8	28	2	0	0	—	18.0	+1.7	20.1	29	-2	15	-1	76	0	0	0
KHÂRGA	00	9	32	1	0	0	—			23.4	32	-3	20	+1	54	0	0	—
DÂKHLA	00	8	00	0	0	0	—	16.7	+1.7	25.8	32	-2	19	+1	63	0	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—	12.8	-0.1	25.7	27	-2	20	+1	63	0	0	0
HURGHÂDA AP.	00	8	30	5	0	0	—	15		26	28		24		74	0	0	0
QUSEIR	01	8	30	2	1	3	4	13.8	+1.1	28.0	31	0	24	0	59	0	0	0
PORT SÛDÂN	01	8	32	1	1	4	8	14		31			21		74	0	0	4
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	0	—	14		22			22		61	0	0	—
KAREIMA	00	8	06	2	0	0	—	11		29			27		35	0	0	0
'ATBARA	00	8	12	2	0	1	4	10		31			25		41	0	0	0
KHARTÛM	00	8	22	4	1	1	4	9		32			27		41	0	0	1
KASSALA	00	8	14	1	0	0	—	10		32			24		26	0	dr	3
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	24	3	0	0	—	10		31					46	0	6	4
RENK	00	9	20	3	0	0	—	11		29		—		—	70	—	—	15
ROSEIRES																	32	10
EL OBEID	02	9	24	3	1	8	4,2	8		28			22		55	0	1	6
EL FÂSHER	00	8	00	0	0	2	1	—	—	28			23		55	0	0	3
GENEINA	01	7	00	0	1	3	2	—	—	21		—	17	—	78	—	—	3
KADUGLI	01	8	16	2	1	4	4	10		21		—		—	95	—	—	50
S. SÛDÂN																		
MALAKÂL	01	8	12	1	1	4	4	11		27			23		74	0	27	38
WÂU	02	8	32	1	1	5	2	11		26			21		74	0	19	50
JUBA																0	18	38

Upper Winds are in the Code HHDDVV where HH is Height 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 7h. m.	MARIUT	PORT SA'ÎD	HELWÂN 8h. 30m.	MINYA	ASYÛT 7h. m.	LUXOR 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD	KAREIMA	KHARTÛM 7h. m.
03 02 20			02 01 15		02 34 20	03 15 15	02 35 15	03 02 25			06 26 30
06 01 25			05 02 20		05 01 45	06 10 15	05 02 10	06 05 20			09 27 25
09 02 30			08 04 30			09 09 05	10 14 05	09 10 15			15 19 05
			10 02 25			12 14 10	15 17 15	15 12 20			21 03 15
			15 03 20			15 22 05	20 18 20	21 06 15			24 02 15
			17 33 05			18 07 05	25 25 25	24 01 15			30 01 15
								30 36 10			33 02 15
								33 32 10			39 08 10
								39 07 10			45 20 15

KASSALA 7h. m.	PORT SÛDÂN	EL OBEID 7h. m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL 7h. m.
06 11 10		06 27 25	09 00 00	09 03 10	
09 12 20		15 21 05	15 21 15	15 05 35	15 29 15
15 15 25		21 11 15	21 06 10	30 09 35	24 11 20
21 14 20		24 10 10	24 14 10	33 08 20	33 09 10
24 08 15		27 29 30	30 08 25		29 08 15
33 02 15		30 30 25	33 08 30		45 08 25
			39 09 40		60 05 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			

CYPRUS SYNOPTIC 8h ON 12th

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

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

VISIBILITY (V)

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

CLOUD 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. 05 m. 55
Sunset h. 17 m. 28

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on Sunday 12th (الساعة ١٤ يوم ١٢/١٠) and At 20h. on 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																							
SALÛM																							130
MATRÛH	01	9	32	2	0	4	8	18.6	25.0	88	0	02	8	04	3	0	5	8	18.2	23.4	90	0	131
MARIUT	00	7	30	3	0	2	8,1	17	26	70	0	00	7	32	1	0	1	6	17	23	89	0	150
ALEXANDRIA	01	9	30	3	2	4	8	16.7	26.8	61	0	02	5	02	2	2	5	8	17.4	23.6	81	0	132
DAMIETTA	00	8	30	3	1	1	8	16.2	26.0	64	0	00	7	28	1	1	0	—	16.6	23.0	81	0	159
PORT SA'ÎD A.P.	00	8	01	2	0	0	—	17	27	62	0	00	7	32	4	0	0	—	17	24	79	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	15.9	26.6	74	0	00	9	28	3	0	0	—	16.4	23.6	73	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	32	2	1	4	8	16.8	28.6	56	0	00	7	32	3	1	3	8	16.8	21.8	80	0	136
MANSÛRA	01	8	04	2	1	4	8	15.9	30.8	46	0	00	6	04	2	1	0	—	17.1	22.8	76	0	137
TANTA	01	8	08	1	1	4	8	16.2	31.0	42	0	01	8	00	0	1	4	8	17.2	22.2	83	0	138
ZAGAZIG	00	6	32	2	0	0	—	15.5	29.4	45	0	00	6	24	2	0	0	—	17.9	23.2	74	0	139
SHEBÎN EL KÔM	00	8	04	3	0	2	8	16.0	29.9	40	0	00	7	04	2	0	0	—	17.1	23.0	76	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	01	2	0	0	—	15.3	29.4	26	0	00	7	03	3	0	0	—	16.1	25.3	52	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	—	16.4	29.5	42	0	00	7	32	2	0	0	—	16.7	24.0	61	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	16.4	29.2	43	0	00	7	32	2	0	0	—	16.8	23.6	65	0	—
HELWÂN	00	8	02	3	0	0	—	15.1	29.7	30	0	00	7	02	5	0	0	—	16.0	25.4	44	0	143
SUEZ	00	9	30	1	0	0	—		29.8	42	0	00	9	30	2	0	0	—		24.3	68	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	3	0	0	—	14.7	28.5	43	0	00	8	32	1	0	0	—	15.0	23.9	57	0	153
MINYA	00	9	32	2	0	0	—	15.2	29.5	46	0	00	9	32	2	0	0	—	15.8	23.8	59	0	154
ASYÛT												00	6	26	1	0	0	—	14.3	25.1	54	0	155
NAG' HAMÂDI																							164
QENA	00	9	24	2	0	0	—	11.6	34.6	24	0	00	6	18	3	0	0	—	11.6	27.6	44	0	156
LUXOR	00	9	26	2	0	0	—	11.4	36.3	35	0	00	8	20	2	0	0	—	11.5	27.0	49	0	157
ASWÂN	00	9	28	1	0	0	—	10.2	37.4	20	0	00	9	32	1	0	0	—	11.6	32.6	26	0	158
WESTERN DESERT																							
SÎWA	00	8	28	3	0	0	—	18.8	28.4	39	0	00		00	0	0	0	—	18.2	23.0	52	0	148
BAHARÎYA	00	8	32	1	0	0	—	15.8	28.7	45	0	00	7	00	0	0	0	—	15.4	23.5	49	0	149
KHÂRGA	00	9	32	1	0	0	—		30.8	33	0	00	9	32	1	0	0	—		25.9	32	0	151
DAKHLA	00	9	28	2	0	0	—	14.3	30.4	51	0	00	8	00	0	0	0	—	14.7	26.7	55	0	152
RED SEA																							
TÔR	00	7	28	5	0	0	—	13.0	27.8	70	0	00	7	28	3	0	0	—	11.4	27.3	66	0	145
HURGHÂDA												00	8	30	3	0	0	—	13	26	84	0	146
QUSEIR	00	8	02	2	0	0	—	13.8	29.8	71	0	00	8	02	2	0	0	—	13.1	26.3	82	0	147
PORT SÛDÂN	00	8	06	3	1	1	8	10	33	65													208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	00	8	05	2	0	1	8	7	41	10													166
'ATBARA	01	7	12	2	0	3	8,4	5	39	18													167
KHARTÛM	01	8	26	1	1	4	8,4	5	41	14													209
KASSALA	00	8	18	1	0	3	8	4	40	17													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	16	1	0	4	8	4	38	29													171
RENK																							182
ROSEIRES																							[illegible]
EL OBEID																							174
EL FÂSHER	02	8	00	0	1	7	9,4	—	36	29									—				175
GENEINA	02	7	08	3	1	8	8,2	—	36	35									—				178
KADUGLI																							[illegible]
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA	10	9	32	3	1	7	6,4	4	37	24													[illegible]

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	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				1
MATRÛH	01	9	32	2	0	4	8	18.6	+2.1	23.3	25	-2	22	+3	70	0	0	6
MARIUT	00	7	32	2	0	3	6	17		26	27	—	21	—	66	0	0	2
ALEXANDRIA	01	9	02	2	2	5	8	17.2	+0.8	25.4	28	-1	22	+2	67	0	0	2
DAMIETTA	01	6	00	0	1	3	4	15.6	+0.2	24.8	27	—	17	—	79	0	0	2
PORT SA'ÎD A.P.	00	7	05	1	0	2	6,4	16		26	28		23		70	0	dr	1
EL 'ARÎSH	01	9	16	1	1	5	6,5	15.8	+0.7	21.8	27	-2	18	0	87	0	0	1
LOWER EGYPT																		
DAMANHÛR	01	6	28	2	1	3	8	16.2	0.0	23.4	29	-1	18	-1	90	0	0	1
MANSÛRA	00	8	04	2	0	0	—	16.6	+0.9	23.0	32	+1	19	+1	81	0	0	1
TANTA	00	8	00	0	0	0	—	17.5	+1.3	21.0	31	0	15	-1	94	0	0	1
ZAGAZIG	01	6	24	2	1	4	8	17.1	+0.8	22.6	30	-1	18	+2	88	0	0	0
SHEBÎN EL KÔM	01	8	28	2	1	3	8	17.4	+1.3	21.3	31	—	17	—	89	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	08	3	01	1	0	9	—	16.4	+0.6	20.0	30	—	18	—	93	0	0	—
CAIRO EZBEKÎYA	08	4	00	0	4	5	8	16.3	+0.5	22.1	31	0	18	0	82	0	0	0
CAIRO GÎZA	08	4	00	0	4	5	8	16.7	+0.8	21.6	30	0	18	+2	89	0	dr	1
HELWÂN	09	5	02	1	1	4	6,5	16.3	+0.5	21.5	30	0	19	+1	85	0	0	0
SUEZ	00	9	02	1	0	0	—			23.3	31	0	21	+2	74	0	0	0
UPPER EGYPT																		
FAIYÛM	02	8	32	2	2	5	6	16.4	+0.6	22.3	30	-2	19	+1	80	0	2	0
MINYA	02	8	32	3	2	5	5	16.4	+1.0	22.0	30	0	19	+1	81	0	0	—
ASYÛT	00	7	24	1	0	0	—	15.9	+1.3	21.3	29	-2	19	+1	78	0	0	0
NAG' HAMÂDI												—		—		0	0	—
QENA	00	7	22	3	0	0	—	14.3	+1.0	24.0	36	+1	21	+2	65	0	0	—
LUXOR	00	9	02	2	0	0	—	14.0	+0.8	28.0	38	+1	19	0	44	0	0	—
ASWÂN	00	9	32	3	0	0	—	13.4	+0.9	26.9	38	+1	22	0	44	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	19.1	+1.7	20.0	30	-3	16	+1	81	0	0	0
BAHARÎYA	01	8	32	2	1	4	8	17.8	+1.4	21.0	29	-2	18	+2	74	0	0	0
KHÂRGA	00	9	32	1	0	0	—			23.9	32	-3	16	-3	32	0	0	—
DÂKHLA	00	8	00	0	0	0	—	16.2	+1.1	23.8	31	-3	16	-2	68	0	0	—
RED SEA																		
TÔR	00	7	00	0	0	0	—	13.1	0.0	24.8			19	0	64	0	0	0
HURGHÂDA A.P.	00	8	30	4	0	0	—	14		25	27		21		84	0	0	0
QUSEIR	00	8	30	1	0	0	—	13.4	+0.6	26.6	30	-1	24	0	65	0	0	0
PORT SÛDÂN	00	8	00	0	0	3	8	12		31			28		55	0	0	5
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	0	—	13		26			23		35	0	0	—
KAREIMA	01	8	06	2	1	3	4	10		31			27		29	0	0	0
'ATBARA	00	8	12	2	0	1	4	10		31			26		43	0	0	0
KHARTÛM	00	8	22	4	1	1	4	9		31			27		43	0	0	1
KASSALA	00	8	20	2	0	0	—	10		30			24		49	0	dr	3
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	24	2	1	3	3	9		24					69	0	6	4
RENK												—		—		—	—	16
ROSEIRES	00	9	24	1	0	0	—	10		24					61	0	32	11
EL OBEID	01	9	22	3	1	4	4,1	11		26			22		62	dr	1	6
EL FÂSHER	01	8	00	0	1	5	4,2	—	—	26			23		58	0	0	3
GENEINA	01	8	12	1	1	4	4	—	—	21		—	20	—	83	dr	—	3
KADUGLI														—		—	—	54
S. SÛDÂN																		
MALAKÂL	01	8	00	0	1	4	4,1	10		26			23		79	0	27	41
WÂU	02	8	00	0	1	8	4,2	11		26			22		74	0	19	55
JUBA																0	18	41

UPPER WINDS ON 12th (الرياح العليا يوم ١٢)

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

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 13h. m.	KHARTÛM 13h. 15m.	KASSALA 12h. 30m.	EL OBEID 13h. 15m.	MALAKAL h. m.	JUBA h. m.
								03 05 15	06 32 10	06 21 15	06 22 10		
								06 06 10	09 32 05	09 21 15	09 34 10		
								09 06 15	15 29 05	15 18 05	15 01 05		
								15 05 40	21 15 05	21 11 10			
								21 05 20	30 30 05	29 07 15			
								30 06 10	39 33 10	45 05 15			
								39 03 05	45 16 05	60 31 05			
								45 03 15		75 29 15			
								60 01 30					

UPPER WINDS ON 13th (الرياح العليا يوم ١٣)

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

MATRÛH 7h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8h. 45m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR 7h. 30m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA h. m.	KHARTÛM 7h. m.
03 36 30			00 35 10		02 33 15	03 01 10	02 36 15		09 11 30		09 24 20
06 36 25			02 35 05		05 36 35	06 02 15	05 06 30		15 14 15		15 19 15
09 36 20			05 02 15		10 32 45	09 21 02	10 06 10		21 13 25		21 21 20
12 01 25					15 26 20	12 22 05	15 16 10		30 10 30		24 11 20
15 36 15					20 24 10		20 00 00		36 09 20		
18 36 20							25 15 05				
21 35 20											
24 35 15											

KASSALA 6h. 30m.	PORT SÛDÂN 6h. 45m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
09 15 20	09 05 05	09 27 15			06 33 10
15 11 25	15 08 10	15 27 15			09 33 10
21 05 20	21 14 25	21 24 05			15 32 20
					21 21 02

Remarks

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

Station	Mean of day: Humidity % on 12th	Diff from normal	Wet Bulb Temp °C on 12th	Diff from normal
Alexandria	72	+5	21.1	+0.8
Ezbekîya	61	-5	19.6	+0.1
Gîza	63	-5	19.7	+0.1
Helwân	52	-1	18.3	+0.2

GÎZA — GRASS MINIMUM TEMP. ON 13th 13.7 °C

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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
13-10	4907	5892
12-10	5162	6151

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl				12.40	+0.13
J. Aulia Res.	10			377.30	—
J. Aulia D.S				373.98	-0.30
Roseires		16.34	-0.07	16.46	-0.01
Sennar Res.					
Khartûm				14.02	-0.31
Kh. el Girba				12.58	+0.70
'Atbara		13.40	+0.06	13.47	+0.07
Kajnarti	13			139.68	-0.10
Aswân Res.		102.70	—	101.60	—
Aswân D.S		90.00	-0.89	90.20	-0.75
Roda (Cairo)		18.26	-0.20	18.23	-0.22

CYPRUS SYNOPTIC 8h ON 13th
4709 02990 00026 16211 26402 00170
[illegible]550 02951 18116 16221 16503 00160

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			

PRESENT WEATHER ww

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

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 55 (h. m.)
Sunset 17 27 (h. m.)

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 P.S.

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on Monday 13th — الساعة ١٤ يوم ١٠/١٣ ; At 20h. on 13th — الساعة ٢٠ يوم الاثنين ١٣

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14 h mms	20h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20 h mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	01	9	32	1	0	3	8	17.4	25.0	84	0	00	8	04	1	0	0	—	18.2	22.8	86	0	131
MARIUT	01	7	31	2	0	3	6	16	26	62	0	01	7	28	1	1	4	6	17	23	74	0	150
ALEXANDRIA	01	9	04	4	2	4	4	15.9	26.0	64	0	01	5	02	3	2	4	8	16.7	23.2	72	0	132
DAMIETTA	00	8	30	3	1	2	8	14.8	26.5	65	0	00	6	30	1	1	2	8	15.5	23.8	75	0	159
PORT SA'ÎD AP	00	8	02	2	0	2	6		28	62	0	00	8	32	3	0	0	—	15	25	74	0	134
EL 'ARÎSH	00	9	32	3	0	0	—	14.2	26.3	80	0	00	9	28	2	0	0	—	14.3	25.7	75	0	135
Lower Egypt																							
DAMANHÛR	01	7	32	4	1	4	8	15.8	28.3	56	0	00	7	32	3	1	0	—	16.3	22.0	85	0	136
MANSÛRA	01	8	04	2	1	3	8	14.4	31.6	35	0	00	6	04	2	1	0	—	16.0	22.4	82	0	137
TANTA	01	8	04	4	1	4	8	15.1	31.0	37	0	01	8	00	0	1	3	8	16.4	22.3	81	0	138
ZAGAZIG	01	6	24	2	1	4	8	14.3	30.6	49	0	00	6	32	2	0	0	—	15.6	23.2	71	0	139
SHEBÎN EL KÔM	01	8	04	3	1	4	8	14.8	30.9	38	0	00	7	04	2	0	0	—	16.3	23.2	78	0	—
Middle Egypt																							
CAIRO ALMÂZA	00	8	32	2	0	1	8	13.7	29.7	43	0	00	7	02	3	0	0	—	15.2	25.4	62	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	—	14.6	30.2	44	0	00	7	30	3	0	0	—	16.0	24.9	66	0	—
CAIRO GÎZA	00	8	30	2	0	0	—	14.6	30.0	46	0	00	7	30	3	0	0	—	15.6	23.5	73	0	—
HELWÂN	00	7	32	3	0	0	—	13.8	29.7	38	0	00	7	02	4	0	0	—	14.7	25.2	46	0	143
SUEZ	00	9	00	0	0	0	—		30.1	49	0	00	9	30	1	0	0	—	--	25.4	67	0	144
Upper Egypt																							
FAIYÛM	00	8	32	2	0	0	—	13.6	29.6	34	0	00	8	32	1	0	0	—	14.6	24.8	53	0	153
MINYA	00	9	32	3	1	0	—	14.0	29.8	40	0	00	9	32	2	0	0	—	15.0	25.0	54	0	154
ASYÛT	00	8	28	1	0	0	—	13.8	28.8	44	0	00	8	22	1	0	0	—	14.3	24.0	67	0	155
NAG HAMÂDI	00	8	32	1	0	0	—	13.1	29.5	50	0												164
QENA	00	9	24	2	0	0	—	11.1	33.8	38	0	00	6	20	3	0	0	—	11.2	26.2	53	0	156
LUXOR	00	9	22	2	0	0	—	10.6	37.0	30	0	00	9	26	2	0	0	—	11.9	27.0	43	0	157
ASWÂN	00	9	32	1	0	0	—	9.1	37.6	22	0	00	9	32	2	0	0	—	11.9	33.0	26	0	158
Western Desert																							
SÎWA	00	8	00	0	0	0	—	17.8	29.0	46	0	00		00	0	0	0	—	17.4	23.5	47	0	148
BAHARÎYA	00	8	32	1	0	0	—	14.3	28.0	58	0	00	7	32	1	0	0	—	15.5	23.0	52	0	149
KHÂRGA												00	9	00	0	0	0	—		26.2	36	0	151
DAKHLA	00	9	28	2	0	0	—	13.6	30.2	52	0	00	8	00	0	0	0	—	14.7	26.0	59	0	152
Red Sea																							
TÔR	00	7	28	3	0	0	—	12.4	28.5	66	0	00	7	28	3	0	0	—	11.9	27.8	61	0	145
HURGHÂDA																							146
QUSEIR	00	8	02	2	0	0	—	12.4	29.4	81	0	00	8	02	2	0	0	—	11.8	26.9	84	0	147
PORT SÛDÂN																							208
North Sûdân																							
WÂDI HALFA																							165
KAREIMA																							166
'ATBARA																							167
KHARTÛM																							209
KASSALA																							170
Central Sûdân																							
WAD MEDANI																							171
RENK																							182
ROSEIRES																							172
EL OBEID																							174
EL FÂSHER								—											—				175
GENEINA								—											—				179
KADUGLI																							187
S. Sûdân																							
MALAKÂL																							176
WÂU																							177
JUBA																							[illegible]

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	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												—		—				1
MATRÛH	00	9	00	0	0	3	8	18.3	+1.8	21.2	25	-2	17	-2	78	0	0	6
MARIUT	00	7	30	1	1	3	6	17		24	27	—	21	—	65	0	0	2
ALEXANDRIA	01	9	32	3	2	4	4	17.8	+1.4	23.6	28	0	21	+1	58	0	0	2
DAMIETTA	00	8	28	1	1	2	8	15.6	+0.1	24.8	27	—	20	—	68	0	0	2
PORT SA'ÎD AP	25	7	29	3	8	3	9	16		25	29		24		84	dr	dr	1
EL 'ARÎSH	02	9	32	2	2	5	3	16.2	+1.1	24.7	28	-1	21	+3	77	0	0	1
Lower Egypt																		
DAMANHÛR	01	6	32	2	1	3	8	17.4	+1.2	22.0	29	-1	17	0	79	0	0	1
MANSÛRA	00	8	04	2	0	0	—	16.4	+0.6	23.4	32	+1	18	0	75	0	0	1
TANTA	01	8	00	0	1	4	8	17.2	+0.9	20.0	32	+1	15	-1	87	0	0	1
ZAGAZIG	01	6	32	2	1	4	8	16.7	+0.4	22.4	32	+1	17	+1	89	0	0	0
SHEBÎN EL KÔM	00	8	28	2	1	2	8	17.4	+1.2	26.3	32	—	17	—	82	0	0	—
Middle Egypt																		
CAIRO ALMAZA	01	7	32	1	1	3	8	17.0	+1.2	21.0	31	—	19	—	82	0	0	—
CAIRO EZBEKÎYA	01	6	32	1	1	4	1	17.4	+1.6	23.0	31	0	20	+2	74	0	0	0
CAIRO GÎZA	01	6	32	1	1	3	1	17.4	+1.4	23.7	31	+1	18	+2	70	0	dr	1
HELWÂN	09	6	32	2	1	3	8	17.5	+1.6	21.1	30	0	19	+1	81	0	0	0
SUEZ	01	9	30	1	1	4	5			24.2	32	+1	20	+1	75	0	0	0
Upper Egypt																		
FAIYÛM	01	8	32	2	1	3	3	17.2	+1.4	22.0	31	-1	19	+2	74	0	2	0
MINYA	01	8	30	3	1	4	3	16.6	+1.2	23.0	30	0	20	+3	74	0	0	—
ASYÛT	01	7	30	2	1	4	8	16.6	+1.9	21.1	30	-1	19	+1	81	0	0	0
NAG HAMÂDI	00	8	00	0	0	0	—	14.3	+0.7	25.0	31	—	20	—	70	0	0	—
QENA	00	7	26	3	0	0	—	13.4	0.0	24.8	34	-1	22	+3	61	0	0	—
LUXOR	00	7	12	2	0	0	—	13.5	+0.2	28.8	38	+1	19	—	47	0	0	—
ASWÂN	00	9	32	1	0	0	—	13.1	+0.5	24.7	38	+1	22	0	42	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	19.1	+0.7	21.3	31	-1	14	-1	71	0	0	0
BAHARÎYA	01	8	32	1	1	4	5	16.7	+0.2	19.0	30	-1	16	0	72	0	0	0
KHÂRGA	00	9	32	1	0	0	—			23.2	33	-2	18	-1	64	0	0	—
DÂKHLA	00	8	00	0	0	0	—	16.4	+1.3	25.9	31	-3	19	+1	68	0	0	—
Red Sea																		
TÔR	00	7	28	1	0	0	—	12.2	-1.0	24.0			19	0	66	0	0	0
HURGHÂDA																0	0	0
QUSEIR	00	8	32	2	0	0	—	12.4	-0.6	27.8	30	-1	23	-1	71	0	0	0
PORT SÛDÂN	00	8	28	2	0	0	—	11		31			21		70	0	0	5
North Sûdân																		
WÂDI HALFA	00	8	12	1	0	0	—	13		24			22		29	0	0	—
KAREIMA	00	8	06	4	0	0	—	11		29			27		27	0	0	0
'ATBARA	00	8	06	2	0	0	—	10		30			26		25	0	0	0
KHARTÛM	00	8	28	2	0	0	—	9		33			28		38	0	0	1
KASSALA																0	dr	3
Central Sûdân																		
WAD MEDANI	02	9	28	3	1	7	4	9		29					59	0	6	5
RENK												—		—		—	—	18
ROSEIRES																0	32	12
EL OBEID																0	1	7
EL FÂSHER	01	7	32	1	1	3	4	—	—	34			19		20	0	0	3
GENEINA								—	—			—		—		—	—	4
KADUGLI												—		—		—	—	58
S. Sûdân																		
MALAKÂL	01	7	32	2	1	3	2	12		23					38	0	27	44
WÂU	00	8	00	0	1	2	1	10		26					79	0	19	60
JUBA																0	18	44

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.

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
6 h. 30 m.	h. m.	h. m.	9 h. 13 m.	h. m.	7 h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	6 h. 45 m.
03 21 05			02 36 10		02 36 20			03 01 35	06 07 25	03 04 15	06 28 15
06 33 15			05 02 15		05 01 30			06 26 35	09 10 15	06 06 40	09 29 15
09 34 05			08 34 25		10 07 25			09 35 15	15 11 30	09 07 35	15 03 10
12 35 10			10 34 25					15 05 20	21 08 20	24 05 45	21 08 05
			15 36 20								
			20 33 25								
			23 23 25								
			25 23 30								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 30 m.	7 h. m.	7 h. 15 m.	7 h. m.	h. m.	h. m.
06 02 05	03 36 05	06 27 15	09 03 15		
09 00 00	09 08 05	09 27 20	15 05 45		
15 13 35	15 06 15	15 27 30	21 06 50		
21 10 15	21 09 20	21 30 20			

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			

CYPRUS SYNOPTIC 8h ON 14th
34853 01841 22303 15211 75300

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	1947	1946
	14-10	4811	5617
	13-10	4907	5892

STATION	Mean of day: Humidity % on 13th	Diff from normal	Wet Bulb Temp °C on 13th	Diff from normal
Alexandria	68	0	20.7	+0.4
Ezbekiya	68	+2	20.7	+1.3
Gîza	75	+7	20.8	+1.3
Helwân	60	+7	19.3	+1.2

GÎZA — GRASS MINIMUM TEMP ON 14th 15.8 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.08	+0.32
Nâsser				10.95	+0.42
Malakâl	10	12.41	+0.12	12.40	+0.12
J. Aulia Res.				377.31	—
J. Aulia D.S				373.91	-0.31
Roseires		16.24	-0.07	16.34	-0.07
Sennar Res.				17.52	—
Khartûm				13.94	-0.33
Kh. el Girba				12.56	+0.71
'Atbara		13.30	0.00	13.40	+0.06
Kajnarti	14			139.60	-0.09
Aswân Res.		103.74	—	102.70	—
Aswân D.S		89.86	-1.02	90.00	-0.89
Roda (Cairo)		18.28	-0.19	18.26	-0.20

PRESENT WEATHER ww

- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick „ „ „ „ 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- „ of Snow 83, 84
- „ of Sleet 85, 86
- „ of Hail 88, 89
- Thunderstorm 90-99
- „ ended, now Rain 91
- „ with Hail 94-96
- „ with Duststorm 98
- „ heavy, with Hail 99

PAST WEATHER (W)

- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)

- Objects not visible at 50 metres 0
- 200 „ 1
- 500 „ 2
- 1 Kilometre 3
- 2 „ 4
- 4 „ 5
- 10 „ 6
- 20 „ 7
- 50 „ 8
- Visible over 50 kms. 9

CLOUD 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

Time of Sunrise h. 5 m. 56
Sunset 17 25

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

1417 F.C.

At 14h. on Tuesday 14th — الساعة ١٤ 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 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	28	2	0	3	8	17.9	23.6	86	0	131
	MARIUT	00	7	29	3	0	3	8	17	26	55	0	150
	ALEXANDRIA	01	9	32	4	2	4	8	17.2	25.2	56	0	132
	DAMIETTA	01	8	28	3	1	4	8	15.4	25.9	62	0	159
	PORT SA'ÎD A.P.	00	8	30	4	0	3	8	16	26	84	0	134
	EL 'ARÎSH	01	9	28	3	1	4	8	14.3	27.1	78	0	135
LOWER EGYPT	DAMANHÛR	01	7	28	4	1	4	8	16.8	25.8	52	0	136
	MANSÛRA	01	8	32	2	1	4	8	15.9	27.0	48	0	137
	TANTA	01	8	28	2	1	4	8	15.9	28.0	42	0	138
	ZAGAZIG	00	6	32	2	0	0	—	15.4	29.4	51	0	139
	SHEBÎN EL KÔM	01	8	30	3	1	4	8	16.0	30.2	33	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	28	3	0	3	8	15.2	28.4	60	0	141
	CAIRO EZBEKÎYA	01	8	30	2	1	3	1	16.0	29.1	39	0	—
	CAIRO GÎZA	01	8	30	2	1	3	1	15.9	28.6	43	0	—
	HELWÂN	00	8	28	5	0	2	3	15.4	27.4	27	0	143
	SUEZ	01	9	30	1	1	4	1		29.3	35	0	144
UPPER EGYPT	FAIYÛM	01	8	30	3	1	3	3	15.0	28.5	32	0	153
	MINYA	01	8	32	4	1	3	5	15.0	29.0	30	0	154
	ASYÛT	00	8	22	1	1	0	—	14.3	28.2	33	0	155
	NAG' HAMÂDI	0											164
	QENA	00	9	22	3	0	0	—	10.4	33.9	31	0	156
	LUXOR	00	9	22	2	0	0	—	10.7	35.0	33	0	157
	ASWÂN	00	9	30	1	0	0	—	10.2	34.5	21	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	18.6	30.3	40	0	148
	BAHARÎYA	00	8	32	2	0	0	—	13.8	28.0	27	0	149
	KHÂRGA	00	9	32	1	0	0	—		30.6	22	0	151
	DAKHLA	00	9	28	2	0	0	—	14.0	29	52	0	152
RED SEA	TÔR	00	7	28	5	0	0	—	12.4	27.8	60	0	145
	HURGHÂDA												146
	QUSEIR	00	8	02	3	0	0	—	11.8	29.6	75	0	147
	PORT SÛDÂN	00	8	06	3	0	1	8	8	32	75		208
NORTH SÛDÂN	WÂDI HALFA	00	8	02	3	0	0	—	10	35	22		165
	KAREIMA	00	9	08	2	0	2	4	8	39	15		166
	'ATBARA	00	7	32	3	0	0	—	5	39	16		167
	KHARTÛM	01	8	23	2	0	4	8	5	40	17		209
	KASSALA	01	8	04	1	1	4	8	3	40	20		170
CENTRAL SÛDÂN	WAD MEDANI												171
	RENK												182
	ROSEIRES												172
	EL OBEID	01	9						3	37	18		174
	EL FÂSHER	01	9						—	36	14	—	175
	GENEINA	00	7	04	4	0	3	8,4,1	—	37	12	—	179
	KADUGLI												187
S. SÛDÂN	MALAKÂL												176
	WÂU												177
	JUBA												173

At 20h. on 14th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. ppp	°C TEMP. ttt	% HUMIDITY uu	RAIN 14-20 h. mms
MEDITERRANEAN	SALÛM											
	MATRÛH	00	8	04	1	0	0	—	18.3	23.2	84	0
	MARIUT	00	7	30	2	0	2	6	18	22	61	0
	ALEXANDRIA	01	5	22	4	2	3	4	17.6	23.2	61	0
	DAMIETTA	01	7	28	2	1	4	8	16.7	22.5	68	0
	PORT SA'ÎD A.P.	00	7	01	3	0	2	8	17	24	69	0
	EL 'ARÎSH	00	9	30	3	0	0	—	15.8	25.7	70	0
LOWER EGYPT	DAMANHÛR	01	7	28	2	1	3	8	18.0	20.0	75	0
	MANSÛRA	00	6	02	2	1	0	—	18.2	20.6	76	0
	TANTA											
	ZAGAZIG	00	6	24	2	0	0	—	17.5	20.4	80	0
	SHEBÎN EL KÔM	00	7	30	2	0	0	—	16.7	20.8	74	0
MIDDLE EGYPT	CAIRO ALMÂZA	00	7	32	2	0	0	—	18	23	65	0
	CAIRO EZBEKÎYA	00	7	32	2	0	0	—	18.4	23.2	65	0
	CAIRO GÎZA	00	7	32	2	0	0	—	18.6	23.4	69	0
	HELWÂN	00	7	32	4	0	0	—	17.8	22.5	56	0
	SUEZ	00	9	30	2	0	0	—		24.7	65	0
UPPER EGYPT	FAIYÛM	00	8	30	3	0	0	—	16.8	24.0	44	0
	MINYA	00	9	32	2	1	0	—	16.2	24.0	60	0
	ASYÛT	00	6	26	1	0	0	—	15.5	24.8	39	0
	NAG' HAMÂDI	00	8	00	0	0	0	—	13.6	23.4	66	0
	QENA	00	6	24	3	0	0	—	11.6	26.4	52	0
	LUXOR	00	8	18	2	0	0	—	11.5	29.0	34	0
	ASWÂN	00	9	32	2	0	0	—	11.6	31.4	21	0
WESTERN DESERT	SÎWA	00		00	0	0	0	—	18.3	22.4	48	0
	BAHARÎYA	00	7	00	0	0	0	—	16.2	23.0	44	0
	KHÂRGA											
	DAKHLA	00	8	28	1	0	0	—	14.7	26.7	57	0
RED SEA	TÔR	00	8	28	4	0	0	—		27.2	63	0
	HURGHÂDA	00	8	30	4	0	0	—	12	27	66	0
	QUSEIR											
	PORT SÛDÂN											
NORTH SÛDÂN	WÂDI HALFA											
	KAREIMA											
	'ATBARA											
	KHARTÛM											
	KASSALA											
CENTRAL SÛDÂN	WAD MEDANI											
	RENK											
	ROSEIRES											
	EL OBEID											
	EL FÂSHER											
	GENEINA											
	KADUGLI											
S. SÛDÂN	MALAKÂL											
	WÂU											
	JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD A.P. 13h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 12h.30m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
		03 33 25					03 36 20	03 11 10	06 08 25	06 08 05			
		06 31 25					06 35 20	09 07 10	09 09 15	09 15 05			
		09 31 20					09 35 20	15 05 15	12 09 10	15 23 02			
		12 31 10					15 08 10	21 03 15	15 09 15	21 10 05			
		15 32 10					21 13 05	30 01 10	21 11 15				
		21 23 05					30 24 25		30 14 15				
		27 28 20					39 27 25		39 15 20				
		33 25 30					45 24 05		45 16 25				
							60 27 20		48 15 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	HUMIDITY Diff from normal	WET BULB TEMP °C on 14th	WET BULB TEMP Diff from normal
Alexandria	58	-10	18.7	-1.6
Ezbekîya	64	-2	19.7	+0.4
Gîza	64	-4	19.9	-0.5
Helwân	62	+9	17.5	-0.5

GÎZA — GRASS MINIMUM TEMP. ON 15th 9.2 °C

CAIRO — WATER TEMP. RIVER NILE ON..... AT 9h. °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	15-10	4520	5372
	14-10	4811	5617

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				14.02	+0.28
Nasser				10.96	+0.43
Malakâl				12.41	+0.12
J. Aulia Res.				377.26	—
J. Aulia D.S				373.86	-0.30
Roseires		16.16	-0.05	16.24	-0.07
Sennar Res.				17.50	—
Khartûm		13.74	-0.40	13.84	-0.36
Kh. el Girba					
'Atbara		13.22	-0.03	13.30	0.00
Kajnarti				139.47	-0.10
Aswân Res.		104.80	—	103.74	—
Aswân D.S		89.60	-1.16	89.80	-1.02
Roda (Cairo)		18.36	-0.12	18.28	-0.19

Printed by the Survey of Egypt, 1945 (45/306)

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.	TEMPERATURE Dry Bulb °C ttt	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% HUMIDITY uu	RAINFALL Past 24 hrs. mms	Total From Oct. 1 mms.	Norm From Oct. 1 mms.
MEDITERRANEAN	SALÛM												—		—				2
	MATRÛH	00	9	18	2	0	0	—	18.6	+2.0	19.8	25	-2	16	-3	78	0	0	7
	MARIUT	00	7	00	0	0	2	6	19		24	26	—	16	—	69	0	0	3
	ALEXANDRIA	01	9	32	1	2	4	4	18.6	+2.1	23.6	28	0	21	+1	63	0	0	2
	DAMIETTA	00	8	28	2	1	2	8	17.6	+2.1	23.7	27	—	17	—	62	0	0	2
	PORT SA'ÎD A.P.	00	7	29	2	0	1	6	18		24	27		22		69	0	dr	1
	EL 'ARÎSH	01	9	20	1	1	3	8	16.6	+1.4	24.3	28	-1	19	+1	74	0	0	2
LOWER EGYPT	DAMANHÛR	01	6	32	2	1	3	8	18.0	+1.7	22.0	27	-3	16	-1	72	0	0	2
	MANSÛRA	00	8	04	2	0	0	—	18.7	+2.9	22.8	30	-1	16	-2	66	0	0	1
	TANTA																0	0	1
	ZAGAZIG	00	6	32	4	1	1	—	18.3	+1.9	22.2	31	0	15	0	73	0	0	0
	SHEBÎN EL KÔM	00	8	30	2	0	0	—	18.8	+2.6	19.3	31	—	15	—	80	0	0	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	05	1	0	0	—	18.4	+2.5	20.3	29	—	17	—	73	0	0	—
	CAIRO EZBEKÎYA	05	5	00	0	0	0	—	18.4	+2.5	21.2	30	-1	17	0	73	0	0	0
	CAIRO GÎZA	05	5	00	0	0	0	—	18.3	+2.2	22.4	29	-1	14	-2	65	0	dr	1
	HELWÂN	00	7	30	3	0	0	—	18.3	+2.3	20.9	28	-2	18	0	66	0	0	0
	SUEZ	00	9	32	1	0	0	—			21.6	30	-1	17	-2	74	0	0	0
UPPER EGYPT	FAIYÛM																	2	0
	MINYA	00	9	08	3	0	0	—	17.5	+2.0	21.0	29	-1	18	+1	74	0	0	—
	ASYÛT	00	7	28	2	0	0	—	17.1	+2.3	20.0	29	-1	18	0	68	0	0	0
	NAG' HAMÂDI												—		—		0	0	—
	QENA	00	7	24	2	0	0	—	14.3	+0.8	24.0	35	0	20	+1	62	0	0	—
	LUXOR	00	9	06	2	0	0	—	14.4	+1.0	26.8	37	0	19	0	50	0	0	—
	ASWÂN	00	9	32	4	0	0	—	13.9	+1.2	25.0	37	0	20	-2	39	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	19.1	+1.6	20.0	32	0	14	-1	64	0	0	0
	BAHARÎYA																0	0	0
	KHÂRGA																0	0	—
	DAKHLA																0	0	—
RED SEA	TÔR	00	7	28	3	0	0	—	13.8	+0.5	25.2	28	-1	19	0	66	0	0	0
	HURGHÂDA A.P.	00	8	30	5	0	0	—	14		24					84	0	0	0
	QUSEIR	00	8	32	5	0	0	—	13.4	+0.3	26.4	30	-1	25	+2	72	0	0	0
	PORT SÛDÂN	01	8	28	1	1	5	8	12		30			28		82	0	0	5
NORTH SÛDÂN	WÂDI HALFA	00	8	02	3	0	0				24			21		32	0	0	—
	KAREIMA	00	8	32	3	0	0	—	11		28			24		31	0	0	0
	'ATBARA	00	8	32	2	0	0	—	9		30			23		27	0	0	0
	KHARTÛM	00	8	32	3	1	0	—	9		31					28	0	0	1
	KASSALA	00	8	00	0	0	0	—	8		30			24		49	0	dr	3
CENTRAL SÛDÂN	WAD MEDANI	00	9	24	3	0	0	—	9		29					52	0	6	5
	RENK	00	9	20	2	0	0	—	10		27		—		—	79	—	—	19
	ROSEIRES	00	8	20	1	0	0	—	10		25					84	0	32	13
	EL OBEID	00	9	32	4	0	0	—	9		28			24		19	0	1	7
	EL FÂSHER	00	8	32	1	0	3	—	—	—	26			18		51	0	0	4
	GENEINA	01	8	04	3	0	4		—	—	23		—	17	—	26	—	—	4
	KADUGLI	0	8	28	2	1	5	4	10		23		—		—	94	—	—	62
S. SÛDÂN	MALAKÂL	01	8	28	2	0	4	4,1	9		28			23		66	0	27	47
	WÂU	01	8	00	0	1	4	4,1	9		28			22		70	0	19	65
	JUBA																0	18	47

Upper Winds are in the Code HHDDVV where HH is Height 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 7h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8h.30m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR 7h.15m.	ASWÂN 7h. m.	WÂDI HALFA 7h.15m.	ABU HAMAD 7h. m.	KAREIMA h. m.	KHARTÛM h. m.
03 12 20			02 02 10		02 34 15	03 29 05	02 01 20	02 02 25	06 08 40		
06 11 10			05 05 20		05 01 35	06 35 15	05 02 35	06 02 45	09 11 20		
09 32 10			10 03 35		10 36 30	09 21 05	10 36 20	09 02 35	12 11 30		
12 33 25			15 01 35		15 33 40	12 21 10	15 06 00	15 10 05	15 10 35		
15 36 05			20 02 26			15 24 25	20 19 15	21 21 05	21 08 70		
18 36 05			25 34 15			18 22 35	25 18 10	30 24 20			
			30 15 20			21 20 35		39 23 20			
			40 26 35					45 23 05			
			50 26 40					54 29 05			

KASSALA 6h45m.	PORT SÛDÂN 7h. m.	EL OBEID 7h.15m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL h. m.
06 06 05	03 26 05	06 02 45	09 01 30	09 05 35	
09 10 10	06 01 05	09 03 60	15 06 35	15 08 40	
15 09 25	09 02 05	12 06 75	21 08 20	21 08 25	
18 35 25	12 07 05	15 05 40	30 09 15	30 01 15	
	15 09 10	21 07 25	39 09 20		
	21 14 05		45 06 20		
	30 24 05		60 11 40		
			75 03 15		
			78 36 15		

CYPRUS SYNOPTIC 8h ON 15th

38700 00890 98200 16190 70402 80160
34830 00961 20101 16200 70103 00130

UPPER AIR TEMP. ALMÂZA — AT G.M.T ON

HEIGHT FEET	P.P.P m.b.	T T °F	t t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION P.T. 150

DAILY WEATHER REPORT

Time of Sunrise h. 05 m. 56
Sunset h. 17 m. 24

Month October 1947 — ١٩٤٧ شهر أكتوبر

At 14h. on Wednesday 15th (الساعة ١٤ يوم ١٠/١) — At 20h. on 15th (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	°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	04	1	0	0	—	17.8	26.3	72	0	00	8	00	0	0	0	—	16.6	22.8	86	0	131
MARIUT	00	7	32	2	0	3	6	18	26	55	0												150
ALEXANDRIA	01	4	02	2	2	4	4	17.8	25.4	57	0	00	5	00	0	0	0	—	18.0	22.8	73	0	132
DAMIETTA	00	8	30	3	1	2	8	16.4	24.8	61	0	00	6	28	1	1	0	—	17.1	22.2	74	0	159
PORT SA'ÎD AP	00	8	31	3	0	1	8	17	24	69	0												134
EL 'ARÎSH												00	9	28	3	0	0	—	14.8	24.7	73	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	3	1	3	8	17.2	27.0	56	0	00	7	32	2	1	0	—	17.5	21.2	78	0	136
MANSÛRA												00	6	04	2	1	0	—	17.5	21.6	74	0	137
TANTA												00	8	00	0	0	0	—	17.9	21.4	80	0	138
ZAGAZIG	00	6	32	2	0	0	—	16.0	28.2	43	0	00	6	24	2	0	0	—	18.4	24.6	75	0	139
SHEBÎN EL KÔM	00	8	02	3	0	0	—	16.8	29.8	41	0	00	7	02	2	0	0	—	17.8	21.2	74	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	02	3	0	0	—	15.4	27.1	49	0	00	7	02	3	0	0	—	17	23	65	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	—	15.8	28.8	40	0	00	7	32	1	0	0	—	17.1	22.0	67	0	—
CAIRO GÎZA	00	8	02	2	0	0	—	15.9	28.1	42	0	00	7	32	1	0	0	—	17.2	22.1	71	0	—
HELWÂN	00	8	02	4	0	0	—	15.2	27.6	30	0	00	7	32	4	0	0	—	17.0	23.1	54	0	143
SUEZ																							144
UPPER EGYPT																							
FAIYÛM	00	8	32	3	0	0	—	15.2	28.0	30	0	00	8	02	3	0	0	—	16.2	24.0	49	0	153
MINYA	00	9	32	3	0	0	—	14.3	30.8	32	0	00	9	32	3	0	0	—	16.3	25.0	50	0	154
ASYÛT																							155
NAG' HAMÂDI																							164
QENA																							156
LUXOR																							157
ASWÂN	00	9	30	2	0	0	—	10.7	35.3	21	0	00	9	32	3	0	0	—	11.8	32.0	19	0	158
WESTERN DESERT																							
SÎWA												00		00	0	0	0	—	17.5	21.6	64	0	148
BAHARÎYA	00	8	32	2	0	0	—	15.2	28.2	28	0	00	7	32	1	0	0	—	16.0	22.0	54	0	149
KHÂRGA	00	9	32	1	0	0	—		29.1	24	0	00	9	00	0	0	0	—		22.9	37	0	151
DAKHLA												00	8	28	1	0	0	—	15.0	25.0	60	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	12.7	27.5	63	0	00	7	28	2	0	0	—		26.7	53	0	145
HURGHÂDA																							146
QUSEIR	00	8	32	4	0	0	—	12.6	28.6	66	0	00	8	28	3	0	0	—	12.2	26.5	66	0	147
PORT SÛDÂN																							208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA																							166
'ATBARA																							167
KHARTÛM																							209
KASSALA																							170
CENTRAL SÛDÂN																							
WAD MEDANI																							171
RENK																							182
ROSEIRES																							172
EL OBEID																							174
EL FÂSHER								—											—				175
GENEINA								—											—				179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA																							173

UPPER WINDS ON 15th (الرياح العليا يوم ١٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	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.

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	1947	1946
16-10	4305	5089
15-10	4520	5372

Station	Mean of day: Humidity % on 15th	Diff from normal	Wet Bulb Temp °C on 15th	Diff from normal
Alexandria	69	+1	19.7	-0.5
Ezbekiya	64	-2	18.7	-0.6
Giza	62	-6	18.8	-0.5
Helwân	54	+1	17.2	-0.7

GÎZA — GRASS MINIMUM TEMP. ON 16th 9.4 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON ... °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16 — 10	13.95	+0.25	14.00	+0.28
Nâsser		10.97	+0.43	10.96	+0.43
Malakâl		12.41	+0.11	12.41	+0.11
J. Aulia Res.		377.16		377.18	
J. Aulia D.S		373.74	-0.31	373.81	-0.29
Roseires		16.08	-0.03	16.16	-0.05
Sennar Res.				17.50	—
Khartûm				13.74	-0.40
Kh. el Girba					
'Atbara		13.13	-0.07	13.22	-0.03
Kajnarti		139.17	-0.18	139.24	-0.26
Aswân Res.		105.80	-	104.80	-
Aswân D.S		89.40	-1.28	89.60	-1.16
Roda (Cairo)		18.36	-0.14	18.36	-0.12

Printed by the Survey of Egypt, 1945 (45/306)

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	Car 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												—		—				2
MATRÛH	05	4	18	4	3	0	—	15.0	-1.1	20.8	20	+3	19	+1	59	0	0	7
MARIUT	00	7	07	2	0	0	—	16		21		—	15	—	78	0	0	3
ALEXANDRIA	00	9	12	3	0	0	—	16.2	-0.4	21.2	27	-1	18	-2	75	0	0	3
DAMIETTA	00	7	16	1	0	0	—	15.8	+0.2	23.4	26	—	16	—	75	0	0	3
PORT SA'ÎD																	dr	1
EL 'ARÎSH	01	9	12	1	1	4	8	15.9	+0.7	22.9	28	0	16	-1	78	0	0	2
LOWER EGYPT																		
DAMANHÛR	00	6	04	2	0	0	—	16.8	+0.4	20.8	27	-3	17	0	78	0	0	2
MANSÛRA	00	8	20	2	0	0	—	16.0	+0.1	23.6	29	-2	16	-2	70	0	0	1
TANTA	00	8	00	0	0	0	—	16.7	+0.3	19.0	29	-2	13	-3	85	0	0	1
ZAGAZIG																	0	0
SHEBÎN EL KÔM	00	8	22	2	0	0	—	16.8	+0.5	23.8	31	—	15	—	85	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	30	1	0	0	—	16		20	29	—	16	—	83	0	0	—
CAIRO EZBEKÎYA	05	6	28	3	0	0	—	16.4	+0.4	20.5	29	-1	17	0	77	0	0	1
CAIRO GÎZA	09	5	30	2	0	0	—	16.4	+0.2	20.3	29	-1	14	-1	80	0	dr	1
HELWÂN	09	6	00	0	0	0	—	16.4	+0.3	19.7	28	-2	17	-1	76	0	0	0
SUEZ																	0	0
UPPER EGYPT																		
FAIYÛM	00	8	32	1	0	0	—	16.3	+0.4	20.8	29	-3	16	-1	75	0	2	0
MINYA	00	9	32	2	0	0	—	16.6	+1.0	21.0	29	-1	18	+1	74	0	0	—
ASYÛT																0	0	0
NAG' HAMÂDI												—		—		0	0	—
QENA	00	7	24	2	0	0	—	13.5	0.0	22.0	34	-1	20	+1	68	0	0	—
LUXOR												—		—		0	0	—
ASWÂN	00	9	32	3	0	0	—	12.8	0.0	24.1	36	-1	21	0	41	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.1	-0.4	23.2	33	+1	15	+1	58	0	0	0
BAHARÎYA	00	8	00	0	0	0	—	16.7	+0.1	22.5	29	-2	13	-3	66	0	0	0
KHÂRGA	00	9	00	0	0	0	—			22.6	31	-4	16	-3	30	0	0	—
DÂKHLA	00	8	28	1	0	0	—	15.4	+0.1	22.0	30	-4	17	-1	73	0	0	—
RED SEA																		
TÔR																	0	0
HURGHÂDA																	0	0
QUSEIR	00	8	32	2	0	0	—	13.0	-0.2	27.0	30	-1	24	+1	57	0	0	0
PORT SÛDÂN																	0	6
NORTH SÛDÂN																		
WÂDI HALFA																	0	—
KAREIMA	00	9	04	2	0	0	—	11		27			23		22	0	0	0
'ATBARA	00	8	28	2	0	0	—	9		29			29		37	0	0	0
KHARTÛM	00	8	04	3	0	0	—	9		29			26		25	0	0	2
KASSALA	00	8	16	1	0	0	—	8		29			22		52	0	dr	4
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	14	1	0	2	1	8		28					40	0	1	5
RENK	00	9	20	2	0	0	—	10		27		—		—	84	—	—	21
ROSEIRES	01	8	20	2	1	4	5	11		24					89	0	32	14
EL OBEID	00	9	30	3	0	0	—	10		22			19		31	0	1	8
EL FÂSHER	00	8	32	2	0	0	—	—	—	23			16		27	0	0	4
GENEINA	00	8	04	3	0	0	—	—	—	22		—	14	—	29	—	—	4
KADUGLI	01	8	28	2	1	5	1	11		23		—		—	94	—	—	65
S. SÛDÂN																		
MALAKÂL																	27	50
WÂU	02	8	00	0	1	6	4.5	10		23			11		89	0	19	70
JUBA																	18	50

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 7 h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8 h. 30 m.	MINYA h. m.	ASYÛT h. m.	LUXOR 7 h. 15 m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA 6 h. 45 m.	KHARTÛM 6 h. 30 m.
03 20 75			02 30 05			03 03 05	02 36 20			03 03 15	06 01 20
06 21 60			05 06 15			06 01 10	05 03 25			06 05 35	09 02 35
09 24 60			10 02 25			09 07 05	10 11 15			09 06 40	15 01 35
12 24 60			15 03 30			12 21 15	15 11 05			15 06 30	21 01 20
15 25 55			20 02 30			15 22 45	20 16 05			21 05 25	27 23 02
18 24 35			25 03 35			18 24 35	30 21 35			24 04 15	30 19 15
			30 02 40			21 24 35	40 23 35			30 19 20	33 18 10
			40 35 30			24 22 40	45 23 30			37 32 20	39 18 15
			50 26 55							45 14 10	

KASSALA h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. 30 m.	EL FÂSHER 7 h. m.	GENEINA 4 h. m.	MALAKAL h. m.
	03 07 05	06 34 15	09 26 25	09 06 35	
	06 09 05	09 26 15	15 01 25	15 05 40	
	09 10 20	15 03 30	21 06 10	21 35 15	
	15 10 35	21 07 40	24 12 10	24 22 15	
	21 09 45	24 07 40	30 16 10	30 28 15	
	24 08 45	27 08 45	33 17 15	36 18 25	
	30 05 45	30 09 40	39 15 05	45 12 20	
	33 05 45		60 07 15		
	45 05 25		75 08 10		

CYPRUS SYNOPTIC 8h ON 16th
34700 01910 28263 15181 60620 06160
34820 01962 22103 15191 54801 00140

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			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise h. m. 05 27 — Sunset 17 23

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on Thursday 16th — الساعة ١٤ يوم ١٦

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH											
MARIUT	00	7	26	2	0	0	—	14	30	35	0
ALEXANDRIA	00	9	24	4	0	0	—	15.0	28.8	41	0
DAMIETTA	00	8	12	3	0	0	—	15.9	27.0	60	0
PORT SA'ÎD	00	8	02	1	0	0	—	16	27	58	0
EL 'ARÎSH	00	9	28	3	0	0	—	14.4	26.1	72	0
LOWER EGYPT											
DAMANHÛR	00	7	32	3	0	0	—	15.0	28.6	45	0
MANSÛRA	00	8	12	2	0	0	—	14.7	29.8	42	0
TANTA	00	8	00	0	0	0	—	14.6	30.0	41	0
ZAGAZIG	00	6	32	2	0	0	—	14.4	29.2	46	0
SHEBÎN EL KÔM	00	8	22	3	0	0	—	14.6	31.2	38	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	8	02	2	0	0	—	14	30	40	0
CAIRO EZBEKÎYA	00	8	32	1	0	0	—	14.2	29.9	37	0
CAIRO GÎZA	00	8	30	1	0	0	—	14.7	30.0	38	0
HELWÂN	00	7	28	3	0	0	—	13.2	30.0	25	0
SUEZ											
UPPER EGYPT											
FAIYÛM	00	8	30	2	0	0	—	13.4	30.0	30	0
MINYA	00	8	32	4	0	0	—	13.8	28.5	34	0
ASYÛT											
NAG' HAMÂDI											
QENA	00	9	24	2	0	0	—		32.8	41	0
LUXOR											
ASWÂN	00	9	30	1	0	0	—	9.6	35.3	21	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	16.2	29.2	50	0
BAHARÎYA	00	8	00	0	0	0	—	14.0	32.5	20	0
KHÂRGA	00	9	32	1	0	0	—		30.9	23	0
DAKHLA	00	9	32	2	0	0	—	12.0	32.3	22	0
RED SEA											
TÔR	00	7	28	4	0	0	—	12.4	27.8	61	0
HURGHÂDA											
QUSEIR	00	8	02	2	0	0	—	12.3	27.0	73	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER								—			—
GENEINA								—			—
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 20h. on 16th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	5	28	3	0	0	—	14.7	23.1	84	0	131
MARIUT	00	7	00	0	0	0	—	14	21	74	0	150
ALEXANDRIA	00	6	00	0	0	0	—		24.4	55	0	132
DAMIETTA	00	6	08	1	0	0	—	14.6	22.8	76	0	159
PORT SA'ÎD												134
EL 'ARÎSH	00	9	30	3	0	0	—	14.8	23.8	79	0	135
LOWER EGYPT												
DAMANHÛR	00	6	04	3	0	0	—	15.0	22.2	87	0	136
MANSÛRA	00	6	04	1	0	0	—	14.8	22.6	77	0	137
TANTA												138
ZAGAZIG	00	6	32	2	0	0	—	15.5	22	73	0	139
SHEBÎN EL KÔM	00	7	30	2	0	0	—	15.6	23.3	62	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	04	1	0	0	—	14	26	51	0	141
CAIRO EZBEKÎYA	00	7	04	1	0	0	—	14.4	23.5	58	0	—
CAIRO GÎZA	00	7	32	1	0	0	—	14.6	22.6	64	0	—
HELWÂN	00	7	00	0	0	0	—	14.6	24.8	43	0	143
SUEZ												144
UPPER EGYPT												
FAIYÛM												153
MINYA	00	9	32	2	0	0	—		24.0	55	0	154
ASYÛT												155
NAG' HAMÂDI												164
QENA	00	6	22	3	0	0	—	10.4	24.7	52	0	156
LUXOR												157
ASWÂN	00	9	32	2	0	0	—	10.2	31.3	24	0	158
WESTERN DESERT												
SÎWA	00		00	0	0	0	—	15.9	23.4	53	0	148
BAHARÎYA	00	7	32	1	0	0	—	14.7	24.5	36	0	149
KHÂRGA	00	9	00	0	0	0	—		24.6	23	0	151
DAKHLA	00	8	00	0	0	0	—	13.1	26.8	38	0	152
RED SEA												
TÔR	00	7	28	1	0	0	—	12.8	26.2	57	0	145
HURGHÂDA												146
QUSEIR	00	8	30	2	0	0	—	12.3	25.8	77	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

UPPER WINDS ON — الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 16th	Humidity Diff from normal	Wet Bulb Temp °C on 16th	Wet Bulb Temp Diff from normal
Alexandria	63	−5	19.0	−1.2
Ezbekiya	62	−4	18.9	−0.4
Giza	66	−2	19.0	−0.2
Helwân	54	+1	17.4	−0.5

GÎZA — GRASS MINIMUM TEMP. ON 17th 9.0 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ..... °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	17-10	4132	4941
	16-10	4305	5089

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.92	+0.23	13.95	+0.25
Nasser				10.97	+0.43
Malakâl		12.42	+0.12	12.41	+0.11
J. Aulia Res.				377.16	—
J. Aulia D.S	17			373.74	−0.31
Roseires	17	16.00	−0.02	16.08	−0.03
Sennar Res.	17				
Khartûm	17				
Kh. el Girba	17				
'Atbara	17	13.02	−0.16	13.13	−0.07
Kajnarti		139.11	−0.14	139.17	−0.18
Aswân Res.		106.74	—	105.80	—
Aswân D.S		89.20	−1.46	89.40	−1.28
Roda (Cairo)		18.28	−0.26	18.36	−0.14

Printed by the Survey of Egypt, 1945 (45/306)

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.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	00	9	26	1	0	1	8	15.6	−1.1	21.1	30	+3	17	−1	65	0	0	8
MARIUT	00	7	26	2	0	1	8	15		24		—	18	—	61	0	0	3
ALEXANDRIA	01	9	28	3	1	4	4	15.4	−1.2	24.0	30	+2	21	+1	63	0	0	3
DAMIETTA	00	7	16	1	1	1	8	14.3	−1.4	23.2	28	—	17	—	73	0	0	3
PORT SA'ÎD	00	7	20	2	0	1	9	15		23	28		19		74	0	dr.	1
EL 'ARÎSH	00	9	12	3	0	0	—	14.7	−0.6	23.7	28	0	16	−1	73	0	0	2
LOWER EGYPT																		
DAMANHÛR	00	7	28	3	0	0	—	15.0	−1.6	22.0	29	−1	18	+1	74	0	0	2
MANSÛRA	00	8	04	1	0	0	—	14.8	−1.2	22.0	31	0	17	−1	74	0	0	1
TANTA																	0	1
ZAGAZIG																	0	1
SHEBÎN EL KÔM	00	8	30	2	0	1	8	15.2	−1.2	22.2	33	—	15	—	76	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	21	1	0	0	—	14.3	−1.3	21.5	31	—	17	—	71	0	0	—
CAIRO EZBEKÎYA	00	7	00	0	0	0	—	15.0	−1.1	21.1	31	+1	17	0	71	0	0	1
CAIRO GÎZA	05	5	00	0	0	0	—	15.1	−1.2	22.4	31	+1	14	−1	62	0	dr.	1
HELWÂN	05	5	00	0	0	0	—	14.7	−1.5	21.5	31	+1	18	0	59	0	0	0
SUEZ																	0	1
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	15.0	−1.0	23.5	31	−1	16	−1	56	0	2	0
MINYA	00	9	32	2	0	0	—	14.6	−1.1	23.2	31	+1	19	+2	66	0	0	—
ASYÛT																	0	0
NAG' HAMÂDI												—		—			0	—
QENA	00	7	24	2	0	0	—	13.1	−0.5	22.0	34	−1	19	+1	67	0	0	—
LUXOR												—		—			0	—
ASWÂN	01	9	32	2	1	4	1	12.2	−0.7	26.7	38	+1	22	+1	33	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.6	0.0	20.0	30	−2	15	+1	80	0	0	0
BAHARÎYA	01	7	32	2	1	3	8	15.1	−1.6	20.5	33	+2	15	−1	73	0	0	0
KHÂRGA	00	9	00	0	0	0	—			24.4	33	−1	19	+1	38	0	0	—
DAKHLA	01	8	00	0	1	4	5	14.6	−0.8	27.3	33	−1	17	0	54	0	0	—
RED SEA																		
TÔR																	0	0
HURGHÂDA																	0	0
QUSEIR	00	8	32	2	0	0	—	13.0	−0.3	28.2	29	−2	23	0	43	0	0	0
PORT SÛDÂN	01	8	30	1	1	4	5	11		26			28			0	0	6
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	1	1	12					22			0	0	—
KAREIMA	00	9	06	2	0	0	—	9		28			26		23	0	0	1
'ATBARA	00	8	14	2	0	0	—	8		29					59	0	0	1
KHARTÛM	00	7	30	2	0	0	—	8		31					31	0	0	2
KASSALA																0	dr.	4
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	22	3	1	2	3	7		29					59	0	6	6
RENK	01	9	20	2	1	5	1	10		27		—		—	84	—	—	22
ROSEIRES	01	8	12	1	1	3	4	10		25					79	0	32	15
EL OBEID	00	8	28	2	0	2	2	9		27			18		23	0	1	8
EL FÂSHER	00	8	32	1	0	1	1	—	—	23					26	0	0	4
GENEINA	00	8	04	2	0	3	2	—	—	21		—		—	23	0	—	4
KADUGLI												—		—		—	—	68
S. SÛDÂN																		
MALAKÂL	02	8	00	0	8	7	4,5	9		25			23		94	dr.	27	52
WÂU	00	8	00	0	0	0	—	9		26					74	0	19	75
JUBA																0	18	53

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
6 h. 30	9 h. m.	h. m.	h. m.	h. m.	h. m.	7 h. 15 m.	h. m.	h. m.	h. m.	h. m.	h. m.
03 30 30	03 32 15					03 01 10					
06 30 30	06 28 10					06 02 20					
09 31 30	09 25 20					09 04 10					
12 32 20	12 24 20					12 30 02					
15 32 35	15 22 20					15 05 10					
18 28 20	18 22 25										
21 28 35											
24 29 35											

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

CYPRUS SYNOPTIC 8h ON 17th

34287 10804 14395 15171 43204

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 P.S.

DAILY WEATHER REPORT

Time of Sunrise 05 58 h. m. — Sunset 17 22 h. m.

Month October 1947 — شهر أكتوبر ١٩٤٧

STATION	At 14h. on Friday 17th (الساعة ١٤ يوم الجمعة ١٧) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force 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 17th (الساعة ٢٠ يوم الجمعة ١٧) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20h mms	STATION NUMBER
MEDITERRANEAN																							
SALÛM																							130
MATRÛH												00	8	28	1	0	0	—	16.3	23.0	66	0	131
MARIUT																							150
ALEXANDRIA	01	9	28	4	2	3	8	14.4	25.7	50	0	01	6	24	4	2	3	4	16.0	23.0	59	0	132
DAMIETTA	01	8	32	3	1	3	8	13.4	25.5	65	0	00	7	28	2	1	0	—	14.6	23.0	66	0	159
PORT SA'ÎD	00	8	32	2	0	0	—	14	27	62	0	00	7	32	3	0	1	6	15	24	69	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	32	4	1	4	8	14.7	27.2	55	0	00	7	28	3	0	0	—	15.8	20.0	76	0	136
MANSÛRA	01	8	28	2	1	4	8	13.5	29.0	50	0	00	6	28	2	1	0	—	16.0	21.8	70	0	137
TANTA																							138
ZAGAZIG																							139
SHEBÎN EL KÔM	01	8	30	3	1	4	8		31.1	35	0	00	7	28	2	0	0	—	16.4	23.8	63	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	18	1	0	2	6	12.8	30.5	41	0	02	7	01	3	0	6	6	15	23	74	0	141
CAIRO EZBEKÎYA	00	8	18	1	0	2	6	12.7	30.5	33	0	02	7	02	3	0	6	6	15.9	22.8	69	0	—
CAIRO GÎZA	01	8	28	1	0	3	8	13.2	30.8	34	0	00	6	00	0	0	1	8	16.0	22.8	64	0	—
HELWÂN	00	8	26	2	0	2	8	12.7	30.3	25	0	00	6	32	5	0	0	—	15.1	23.1	59	0	143
SUEZ																							144
UPPER EGYPT																							
FAIYÛM	01	8	30	2	1	3	8	12.4	30.0	29	0	01	8	32	3	1	3	8	14.4	25.2	46	0	153
MINYA	01	8	08	3	1	5	5	12.7	32.5	31	0	01	9	32	2	1	4	5	14.0	25.0	48	0	154
ASYÛT																							155
NAG' HAMÂDI																							164
QENA	01	9	24	2	1	3	1	10.7	32.8	47	0	01	6	24	3	1	4	1	11.4	26.3	42	0	156
LUXOR																							157
ASWÂN	00	9	32	1	0	0	—	9.6	37.0	18	0	00	9	32	2	0	0	—	10.7	32.4	50	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	17.1	28.4	55	0	00		00	0	0	0	—	16.8	23.0	56	0	148
BAHARÎYA	01	8	32	1	1	3	8	13.1	30.0	36	0												149
KHÂRGA	00	9	02	1	0	0	—		32.9	20	0	00	9	32	1	0	0	—		26.2	29	0	151
DAKHLA	01	8	28	2	1	4	5	13.4	32.3	46	0												152
RED SEA																							
TÔR	00	7	28	3	0	1	1	10.8	28.2	51	0	00	7	28	2	0	0	—	12.0	26.2	53	0	145
HURGHÂDA																							146
QUSEIR												01	8	30	3	2	4	4	11.6	25.8	70	0	147
PORT SÛDÂN	00	8	06	3	1	3	8	7	33	56													208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	00	9	08	1	0	0	—	6	40	08													166
'ATBARA	00	8	16	1	0	1	8	4	39	20													167
KHARTÛM	02	7	08	3	1	5	8	3	39	20													209
KASSALA	01	8	14	1	1	3	8	3	39	26													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	08	3	0	5	8	4	37	27													171
RENK																							182
ROSEIRES	00	8	20	1	0	0	—	5	33	44													172
EL OBEID	00	8	02	4	0	2	4		37	11													174
EL FÂSHER	00	8	00	0	0	1	8	5	36	15									—				175
GENEINA	00	8	08	3	0	2	2	—											—				179
KADUGLI	01	8	12	1	1	3	1		38	19													187
S. SÛDÂN																							
MALAKÂL	10	8	28	3	1	5	9,4	5															176
WÂU																							177
JUBA																							[illegible]

UPPER WINDS ON 17 (الرياح العليا يوم ١٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM 13h 15m	KASSALA 12h 30m	EL OBEID 13h 15m	MALAKAL	JUBA
									06 03 20	06 17 25	06 05 30		
									09 04 30	09 17 20	09 05 30		
									15 04 20	15 15 15	15 05 35		
									21 03 20	21 13 20	21 10 20		
									30 05 30	30 36 20	30 19 25		
									39 06 35	39 32 10			
										45 26 05			

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 17th	Diff from normal	WET BULB TEMP °C on 17th	Diff from normal
Alexandria	59	-9	19.5	-0.6
Ezbekiya	64	-2	18.9	-0.3
Giza	57	-11	18.8	-0.3
Helwân	53	0	17.7	-0.1

GÎZA — GRASS MINIMUM TEMP ON 18th 9.0 °C

CAIRO — WATER TEMP RIVER NILE AT 9h ON °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
18-10		4799
17-10	4132	4941

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	18-10-47			13.92	+0.23
Nâsser					
Malakâl				12.42	+0.12
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.94	+0.02	16.00	-0.02
Sennar Res.					
Khartûm					
Kh. el Girba					
'Atbara		12.94	-0.12	13.62	-0.16
Kajnarti				139.11	-0.14
Aswân Res.		107.70	—	106.74	—
Aswân D.S		89.00	-1.52	89.20	-1.40
Roda (Cairo)		18.18	-0.40	18.28	-0.26

Printed by the Survey of Egypt, 1945 (45/306)

STATION	At 8h. on Saturday 18th (الساعة ٨ يوم السبت ١٨) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	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												—		—				
MATRÛH	01	9	32	2	0	3	8	17.5	+0.8	20.9	25	-2	17	-1	75	0	0	8
MARIUT												—		—			0	3
ALEXANDRIA	01	9	24	4	2	4	4	15.9	-0.8	24.0	27	-1	21	+1	52	0	0	3
DAMIETTA	00	8	18	2	1	3	9	16.2	+0.5	23.0	27	—	15	—	66	0	0	3
PORT SA'ÎD	00	7	26	3	0	1	9	17		23	28		21		69	0	tr.	1
EL 'ARÎSH																	0	2
LOWER EGYPT																		
DAMANHÛR	00	6	20	3	0	0	—	17.0	+0.5	21.0	28	-2	16	-1	74	0	0	2
MANSÛRA	00	8	02	1	0	0	—	17.0	+1.0	22.2	30	-1	16	-1	71	0	0	1
TANTA																	0	1
ZAGAZIG																	0	1
SHEBÎN EL KÔM	00	8	22	2	0	0	—	17.1	+0.7	19.3	32	—	15	—	80	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	16.1	0.0	18.2	32	—	17	—	74	0	0	—
CAIRO EZBEKÎYA	05	6	02	2	0	0	—	17.0	+0.9	21.3	32	+2	17	0	69	0	0	1
CAIRO GÎZA	05	5	00	0	0	0	—	17.5	+1.2	22.7	32	+3	14	-1	69	0	tr.	1
HELWÂN	05	6	00	0	0	0	—	17.5	+1.2	20.7	30	0	16	-2	68	0	0	0
SUEZ																	0	1
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	17.6	+1.6	21.3	31	0	16	-1	67	0	2	0
MINYA	01	9	24	2	1	4	5	16.8	+1.1	22.5	33	+3	18	+1	68	0	0	—
ASYÛT																	0	0
NAG' HAMÂDI												—		—			0	—
QENA	00	7	24	2	0	0	—	14.3	+0.7	22.0	34	-1	19	+1	74	0	0	—
LUXOR												—		—			0	—
ASWÂN	00	9	32	3	0	0	—	13.6	+0.6	25.5	38	+2	22	+1	32	0	0	—
WESTERN DESERT																		
SÎWA																	0	0
BAHARÎYA																	0	0
KHÂRGA	00	9	32	1	0	0	—			22.6	34	0	19	+1	63	0	0	—
DÂKHLA																	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—	14.4	+0.7	25.8			17	-1	40	0	0	0
HURGHÂDA																	0	0
QUSEIR	00	8	30	4	0	3	3	13.5	+0.1	27.6	30	-1	23	0	52	0	0	0
PORT SÛDÂN																0	0	7
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	0	—	13		24			22		24	0	0	—
KAREIMA	00	8	04	2	0	0	—	10		29			25		19	0	0	1
'ATBARA	00	8	08	1	1	0	—	9		31			26		38	0	0	1
KHARTÛM	01	7	18	2	6	3		9		29			29		49	tr.	tr.	2
KASSALA	00	8	14	3	0	0	—	9		28			24		52	0	tr.	4
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	20	3	8	5	4	9		29					59	1	7	6
RENK	01	9	04	3	1	5	1	12		26		—		—	70	—	—	24
ROSEIRES	00	8	12	1	0	0	—	10		26					70	0	32	16
EL OBEID	02	9	30	2	1	8	4	9		28			26		19	0	1	9
EL FÂSHER	00	8	32	1	0	3	1	—	—	24			18		36	0	0	5
GENEINA	01	8	02	3	1	3	8,4	—	—	23		—	19	—	26	—	—	4
KADUGLI	02	8	28	1	2	6	4	12		23		—		—	89	—	—	70
S. SÛDÂN																		
MALAKÂL	01	8	30	1	1	5	4,5	10		21			22			2	29	54
WÂU	02	8	16	1	1	6	4,5	11		24			21		69	0	19	80
JUBA	02	8	12	1	1	8	4,5	12		24			21		79	0	18	56

UPPER WINDS ON 18 (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 7h. m.	MARIUT	PORT SA'ÎD	HELWÂN 8h 30m.	MINYA	ASYÛT	LUXOR 7h 30m.	ASWÂN 7h. m.	WÂDI HALFA 7h 30m	ABU HAMAD	KAREIMA	KHARTÛM
03 29 15			02 35 05			03 35 15	02 01 25				
06 31 10			05 04 10			06 04 20	05 02 45	09 04 55			
09 32 15			10 02 25			09 05 20	10 02 30	15 07 20			
12 29 25			15 01 15			12 30 15	15 20 02	21 15 15			
15 28 35			20 29 10			15 32 10	20 19 10	30 21 35			
21 28 30			25 23 15				25 21 20	33 20 30			
			30 24 20				30 21 30				
			40 24 25								
			50 27 45								

KASSALA 7h. m.	PORT SÛDÂN	EL OBEID 7h 15m.	EL FÂSHER 6h 15m.	GENEINA 7h. m.	MALAKAL 7h. m.
09 17 25		09 04 40	09 36 20	09 05 35	09 29 05
15 11 25		15 04 65	15 05 40	15 10 25	15 31 05
21 11 15		21 04 55	21 12 20	21 13 15	21 06 05
30 10 10		30 06 40	30 14 20	24 10 10	30 06 15
33 36 15			33 14 20	30 11 10	33 05 15
			39 15 20	39 13 15	39 06 30
			45 17 20		45 06 45
			60 13 35		

CYPRUS SYNOPTIC 8h ON 18th

34700 00990 30250 15171 30302 95141

34830 01963 18183 15171 27101 00130

UPPER AIR TEMP AT GMT ON — ALMÂZA HEIGHT FEET	P.P.P mb.	TT °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 6 h. 58 m.
Sunset 17 h. 22 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on SATURDAY 18th — الساعة ١٤ يوم 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 8-14 p.p. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH												131
MARIUT	01	7	23	3	0	3	8	16	26	48	0	150
ALEXANDRIA	01	9	24	6	2	3	8	15.8	24.4	55	du.	132
DAMIETTA	01	8	30	3	1	3	8	15.8	25.0	58	0	159
PORT SA'ÎD	00	8	32	2	0	1	9	17	25	58	0	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	01	7	28	3	1	5	8	17.0	26.3	53	0	136
MANSÛRA	01	8	02	1	1	4	8	16.3	26.8	47	0	137
TANTA	01	8	00	0	1	4	8	15.9	27.8	39	0	138
ZAGAZIG												139
SHEBÎN EL KÔM	01	8	22	3	1	4	8	15.5	29.2	35	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	28	2	0	3	8	15.9	28.0	45	0	141
CAIRO EZBEKÎYA	01	8	28	2	0	3	8	16.2	26.0	36	0	
CAIRO GÎZA	01	8	28	2	1	3	8	16.2	28.3	36	0	
ḤELWÂN	00	8	28	3	0	3	8	15.9	27.0	33	0	143
SUEZ												144
UPPER EGYPT												
FAIYÛM	01	8	32	2	1	3	3	15.5	28.5	31	0	153
MINYA	01	8	32	3	1	5	5	15.9	26.0	39	0	154
ASYÛT	00	8	28	1	0	0	—	15.2	29.0	34	0	155
NAG' ḤAMÂDI	00	8	24	1	0	0	—	13.2	30.0	38	0	164
QENA	00	9	24	2	0	0	—	14.4	33.8	42	0	156
LUXOR	00	9	12	2	0	0	—	12.6	34.0	31	0	157
ASWÂN	00	9	32	2	0	0	—	11.2	34.5	15	0	158
WESTERN DESERT												
SÎWA												148
BAHARÎYA												149
KHÂRGA												151
DAKHLA												152
RED SEA												
TÔR	00	7	28	5	0	0	—	13.0	27.7	61	0	145
HURGHÂDA												146
QUSEIR												147
PORT SÛDÂN	00	8	06	3	1	2	8	10	33	62		208
NORTH SÛDÂN												
WÂDI ḤALFA	00	8	02	4	0	0	—	10	36	15		165
KAREIMA	00	9	08	1	0	2	8,4	7	41	15		166
'ATBARA	01	8	04	2	0	3	8,4	5	39	21		167
KHARTÛM	02	8	28	2	2	7	8,4,4		37	25		209
KASSALA	00	8	32	2	0	2	8	4	38	24		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	32	2	1	5	5	5	38	21		171
RENK	01	9	28	2	1	5	8	7	34	41		182
ROSEIRES	00	8	22	1	0	0	—	8	34	65		172
EL OBEID	02	9	02	4	1	5	8,4	4	37	17		174
EL FÂSHER	00	8	08	2	0	1	8	—	35	19		175
GENEINA	00	8	14	1	0	3	8	—	36	18		179
KADUGLI	01	8	04	2	1	4	5	8	34	41		187
S. SÛDÂN												
MALAKÂL	02	8	20	2	1	5	8,4	7	32	52		176
WÂU												177
JUBA												178

At 20h. on 18th — الساعة ٢٠ 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 Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 14-20 p.p. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	32	1	0	3	8	17.9	23.1	74	0
MARIUT	00	7	00	0	0	0	—	18	21	74	0
ALEXANDRIA	00	6	00	0	0	0	—	17.1	22.4	63	0
DAMIETTA	00	7	28	1	1	2	8	17.2	21.4	73	0
PORT SA'ÎD											
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	00	7	32	2	1	0	—	18.0	20.0	78	0
MANSÛRA	00	6	30	2	1	0	—	18.6	21.8	74	0
TANTA	00	8	00	0	0	0	—	17.8	20.3	77	0
ZAGAZIG											
SHEBÎN EL KÔM	00	7	22	2	1	0	—	16.2	21.6	72	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	3	0	0	—	17.7	23.4	68	0
CAIRO EZBEKÎYA	00	7	02	3	0	0	—	18.0	22.4	65	0
CAIRO GÎZA	00	7	02	2	0	0	—	17.6	23.2	65	0
ḤELWÂN	00	7	32	4	0	0	—	17.5	23.8	47	0
SUEZ											
UPPER EGYPT											
FAIYÛM											
MINYA	01	8	32	2	1	3	5	17.5	21.8	59	0
ASYÛT	00	6	28	1	0	0	—	16.0	23.4	49	0
NAG' ḤAMÂDI											
QENA	00	6	20	3	0	0	—	13.8	25.9	45	0
LUXOR	00	8	14	2	0	0	—	13.6	27.0	31	0
ASWÂN	00	9	32	3	0	0	—	13.0	31.4	16	0
WESTERN DESERT											
SÎWA											
BAHARÎYA											
KHÂRGA											
DAKHLA											
RED SEA											
TÔR	00	7	28	3	0	0	—		26.0	63	0
HURGHÂDA											
QUSEIR	00	8	02	2	1	3	3	14.2	25.6	77	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

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.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Diff from norm °C	Minimum Today °C (mm)	Diff from norm °C	% Humidity (uu)	Rainfall Past 24 hrs mms	Total From Oct 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	00	9	00	0	0	0	—	19.6	+2.8	21.8	25	-2	18	0	69	0	0	9
MARIUT	00	7	19	1	0	3	8	19		22	27	—	16	—	69	0	0	3
ALEXANDRIA	02	9	24	2	1	5	9	19.8	+3.0	23.2	27	-1	18	-2	63	du.	du.	3
DAMIETTA	01	8	18	2	1	3	4	18.8	+3.0	22.1	28	—	15	—	74	0	0	3
PORT SA'ÎD	00	7	24	2	0	1	6	19		23	26		20		65	0	du.	1
EL 'ARÎSH																	0	2
LOWER EGYPT																		
DAMANHÛR	00	6	24	3	0	0	—	19.1	+2.6	21.0	28	-2	16	-1	77	0	0	2
MANSÛRA	00	8	30	1	0	0	—	19.8	+3.7	21.2	30	0	16	-1	74	0	0	1
TANTA	00	8	00	0	0	0	—	19.5	+2.9	18.0	29	-1	13	-3	93	0	0	1
ZAGAZIG	00	6	24	2	0	0	—	19.5	+2.9	21.2	30	0	16	+1	79	0	0	1
SHEBÎN EL KÔM	00	8	22	2	0	0	—	19.8	+3.3	19.4	31	—	16	—	84	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	19.6		19.4	29	—	17	—	77	0	0	—
CAIRO EZBEKÎYA	05	6	02	3	0	0	—	19.8	+3.6	20.4	29	-1	17	0	75	0	0	1
CAIRO GÎZA	00	6	00	0	0	0	—	20.0	+3.6	21.4	29	0	14	-1	72	0	du.	1
ḤELWÂN	09	5	02	1	0	2	1	19.8	+3.4	18.8	27	-3	17	-1	76	0	0	0
SUEZ																	0	1
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	2	3	20.0	+4.0	21.0	30	-1	16	-1	72	0	2	0
MINYA	01	9	32	2	1	3	1	18.2	+2.4	22.0	28	-2	16	-1	68	0	0	—
ASYÛT	00	7	28	1	0	0	—	18.7	+3.6	21.1	30	0	17	-1	56	0	0	0
NAG' ḤAMÂDI																	0	—
QENA	00	7	24	2	0	0	—	17.1	+3.4	21.3	35	+1	19	+1	68	0	0	—
LUXOR	00	9	10	2	0	0	—	16.2	+2.6	25.0	35	-1	17	-1	54	0	0	—
ASWÂN	00	9	32	2	0	0	—	15.4	+2.4	24.5	36	0	22	+1	43	0	0	—
WESTERN DESERT																		
SÎWA																	0	0
BAHARÎYA	00	8	00	0	0	0	—	19.0	+2.2	22.0	29	-2	13	-3	50	0	0	0
KHÂRGA																	0	—
DAKHLA																	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—	14.6	+0.8	23.9	26	-3	17	-1	54	0	0	0
HURGHÂDA																	0	0
QUSEIR	00	8	30	3	0	0	—	15.6	+2.2	26.4	30	0	23	0	55	0	0	0
PORT SÛDÂN	01	6	06	2	1	3	8,5	13		32			27		71	0	0	7
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	0	—	15		23			21		50	0	0	—
KAREIMA	00	8	32	3	0	0	—	12		24			24		20	0	0	1
'ATBARA	00	9	06	3	0	0	—	10		32			27		28	0	0	1
KHARTÛM	01	8	02	2	0	3	4	10		33			30		24	du.	du.	2
KASSALA	00	8	00	0	0	0	—	10		31			23		41	0	du.	5
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	24	3	1	3	1	10		28					62	0	7	6
RENK												—		—		—	—	25
ROSEIRES	00	8	12	1	0	0	—	11		26					70	0	32	17
EL OBEID	01	9	28	3	1	5	4	9		30			23		27	0	1	9
EL FÂSHER								—	—							0	0	5
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	28	2	1	5	1	11		28		—		—	89	—	—	72
S. SÛDÂN																		
MALAKÂL																0	29	56
WÂU	01	8	16	1	1	4	1	11		26			21		74	0	19	85
JUBA																0	18	59

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h.15m.	KAREIMA 12h.45m.	KHARTÛM 13h.15m.	KASSALA 12h.45m.	EL OBEID 13h.15m.	MALAKAL h. m.	JUBA h. m.
							03 02 35	03 05 02					
							06 01 50	06 05 05	06 30 15	06 17 10	06 03 30		
							09 36 45	09 03 10	09 28 05	09 15 10	09 03 45		
							15 05 05	15 05 15	15 05 10	15 08 20	15 09 02		
							21 15 20	21 01 15	21 05 15	21 10 15	21 09 35		
										30 05 20			
										39 02 20			

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 9 h. m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA 07h.45m.	ABU HAMAD 07h. m.	KAREIMA 06h.45m.	KHARTÛM 6h.30m.
			02 31 15		02 30 15		02 36 20	06 02 55	06 10 30	06 05 35	
			05 36 15		05 01 40		05 03 30	09 02 70	09 11 20	09 01 20	
			10 36 25		10 36 —		10 44 20	15 06 30	15 15 30	15 09 30	15 05 25
			15 33 25		15 32 10		15 16 15	21 05 35	21 11 30	21 05 15	21 07 25
			20 35 20				20 18 15		24 11 25	24 03 15	30 06 10
			35 28 10				25 22 25		30 09 25	30 31 02	39 03 15
			30 28 30						33 09 25		45 01 05
			40 26 40						39 07 15		
			50 24 70						45 05 05		

KASSALA 6h.30m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER h m	GENEINA h. m.	MALAKAL h. m.
06 13 15	06 06 05	06 34 20			
09 12 20	09 07 10	09 01 30			
15 06 30	15 09 15	15 05 30			
21 04 20	21 12 35	21 05 30			
24 03 25	24 13 30	24 05 20			
30 35 20	30 16 40	27 05 15			
39 34 10		30 05 20			
45 10 30					
54 15 35					
60 14 30					

UPPER AIR TEMP — ALMÂZA — AT GMT ON

HEIGHT FEET	P.P.P. m.b.	T.T. °F	t.t. °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 19th

34620 01962 20102 18181 03403 00130

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	1947	1946
	19-10	3622	4629
	18-10	3995	4799

STATION	Mean of day: Humidity % on 18th	Humidity Diff from normal	Wet Bulb Temp °C on 18th	Wet Bulb Temp Diff from normal
Alexandria	56	-12	18.0	-2.1
Ezbekîya	61	-5	18.2	-0.9
Gîza	61	-7	18.9	-0.1
Ḥelwân	52	-1	17.1	-0.6

GÎZA — GRASS MINIMUM TEMP. ON 19th 9.2 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON .. °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				13.89	+0.21
Nâsser		10.99	+0.43	10.98	+0.43
Malakâl		12.42	+0.12	12.42	+0.12
J. Aulia Res.		377.28	—	377.26	—
J. Aulia D.S		373.44	-0.45	373.50	-0.45
Roseires		15.89	+0.09	15.94	+0.02
Sennar Res.		17.50	—	17.49	—
Khartûm		13.34	-0.55	13.44	-0.52
Kh. el Girba		12.35	+0.77	12.38	+0.75
'Atbara		12.84	-0.16	12.94	-0.12
Kajnarti		138.84	-0.19	138.98	-0.14
Aswân Res.		108.50	—	107.70	—
Aswân D.S		88.80	-1.60	89.00	-1.52
Roda (Cairo)		18.40	-0.48	18.18	-0.40

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PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devil's	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40 49
Med. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50 59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80 89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
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)

	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

CLOUD FORM (C)

Cirrus	1
Cirro-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. 03 m. 39
Sunset h. 17 m. 20

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *October* 1947 — شهر أكتوبر ١٩٤٧

1417 F.S.

At 14h. on *SUNDAY 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)	°C TEMP. (ttt)	% HUMIDITY (uu)	RAIN 8-14 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	28	3	1	4	8	19.1	24.7	64	0
MARIUT	01	7	30	2	1	4	8	19	26	55	0
ALEXANDRIA	01	9	24	2	2	4	8	18.8	25.2	52	0
DAMIETTA	01	8	28	3	1	3	8	17.8	25.0	56	0
PORT SA'ÎD	00	8	32	2	0	2	8	18	26	55	0
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	21	7	28	2	5	5	8	18.6	24.3	66	dr.
MANSÛRA	01	8	02	1	1	4	8	18.0	27.0	46	0
TANTA	01	8	28	1	1	4	8	17.9	27.4	47	0
ZAGAZIG	00	6	32	2	0	0	—	18.0	27.4	46	0
SHEBÎN EL KÔM	01	8	28	3	1	4	8	18.4	29.6	40	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	8	29	2	1	4	8	17.6	28.2	52	0
CAIRO EZBEKÎYA	01	8	28	2	1	4	8	18.0	28.0	42	0
CAIRO GÎZA	01	8	30	2	1	4	8	18.2	28.1	42	0
HELWÂN	01	8	28	4	1	4	8	17.8	26.8	37	0
SUEZ											
UPPER EGYPT											
FAIYÛM											
MINYA	00	9	32	3	0	0	—	17.2	29.6	31	0
ASYÛT											
NAG' HAMÂDI											
QENA	00	9	24	1	0	0	—	13.0	33.9	43	0
LUXOR	00	9	10	2	0	0	—	13.4	33.0	39	0
ASWÂN	00	9	30	2	0	0	—	11.9	33.0	27	0
WESTERN DESERT											
SÎWA											
BAHARÎYA											
KHÂRGA											
DAKHLA											
RED SEA											
TÔR	00	7	28	4	0	0	—	12.2	26.5	44	0
HURGHÂDA											
QUSEIR											
PORT SÛDÂN	01	8	32	2	1	3	8	11	33	62	
NORTH SÛDÂN											
WÂDI HALFA	00	8	02	4	0	0	—	11	34	16	
KAREIMA											
'ATBARA	00	8	06	2	0	0	—	6	39	17	
KHARTÛM	00	8	10	3	0	3	8	5	40	17	
KASSALA	00	8	00	0	0	0	—	5	40	17	
CENTRAL SÛDÂN											
WAD MEDANI	01	8	20	2	1	5	8	4	38	21	
RENK											
ROSEIRES	00	8	20	1	1	0	—		34		
EL OBEID	01	8	00	0	1	4	1	4	37	13	
EL FÂSHER	00	8	02	3	0	2	1	—	36	37	
GENEINA								—			
KADUGLI	01	8	20	2	1	5	4				
S. SÛDÂN											
MALAKÂL											
WÂU	01	8	10	2	1	4	8	5	36	35	
JUBA	02	8	30	2	1	8	8		35	32	

At 20h. on *19* — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. (ppp)	°C TEMP. (ttt)	% HUMIDITY (uu)	RAIN 14-20 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	28	2	0	0	—	19.1	22.9	76	0	131
MARIUT	00	7	29	1	0	0	—	19	22	65	0	150
ALEXANDRIA	00	6	28	2	0	0	—	19.1	22.8	58	0	132
DAMIETTA	01	6	26	1	1	3	8	18.2	20.5	73	0	159
PORT SA'ÎD												134
EL 'ARÎSH	00	9	28	3	0	0	—	17.0	23.9	82	0	135
LOWER EGYPT												
DAMANHÛR	00	7	32	2	1	0	—	18.8	20.6	78	0	136
MANSÛRA	00	6	32	1	1	0	—	19.5	21.6	67	0	137
TANTA	00	8	00	0	0	0	—	18.6	19.4	80	0	138
ZAGAZIG	00	6	32	2	0	0	—	18.3	22.2	76	0	139
SHEBÎN EL KÔM	00	7	28	2	0	0	—	18.8	21.2	73	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	01	1	0	2	8	18.4	22.7	68	0	141
CAIRO EZBEKÎYA	00	7	32	2	1	2	8	18.7	22.6	64	0	—
CAIRO GÎZA	00	6	30	2	1	1	8	18.7	22.3	69	0	—
HELWÂN	00	7	32	4	0	0	—	18.6	23.2	55	0	143
SUEZ	00	9	02	2	0	0	—		24.1	54	0	144
UPPER EGYPT												
FAIYÛM												153
MINYA	00	9	32	2	0	0	—	17.8	24.0	48	0	154
ASYÛT	00	6	26	1	0	0	—	16.7	25.1	40	0	155
NAG' HAMÂDI												164
QENA	00	6	24	2	0	0	—	14.2	25.4	51	0	156
LUXOR	00	8	06	2	0	0	—	14.2	25.5	39	0	157
ASWÂN	00	9	30	1	0	0	—	12.3	29.0	29	0	158
WESTERN DESERT												
SÎWA	00		00	0	0	0	—	19.0	23.0	44	0	148
BAHARÎYA	00	7	00	0	0	0	—	17.5	23.0	38	0	149
KHÂRGA	00	9	00	0	0	0	—		28.1	37	0	151
DAKHLA	00	8	28	1	0	0	—	16.8	26.8	59	0	152
RED SEA												
TÔR												145
HURGHÂDA												146
QUSEIR	00	8	32	3	0	0	—	14.3	26.0	67	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 18h. 45m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL 18h. m.	JUBA 18h. m.
							03 01 25					03 12 10	06 10 05
							06 35 25					09 13 10	09 11 10
							09 25 35					15 11 15	15 11 10
							15 16 15					21 13 10	21 09 20
							21 14 15					24 13 05	24 07 20
							24 17 20						
							30 21 20						

At 8h. on *MONDAY 20th* — الساعة ٨ يوم الاثنين ٢٠

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (dd)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (n)	CLOUD Form (c)	BAR PRESSURE M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (ttt)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm °C	MINIMUM Today °C (mm)	MINIMUM Diff. from norm °C	% HUMIDITY (uu)	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms.	RAINFALL Norm. From Oct 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH																		
MARIUT	01	7	20	1	0	3	8	18		23	26	—	15	—	65	0	0	4
ALEXANDRIA	02	9	20	3	1	5	8	18.6	+1.8	22.2	27	-1	18	-2	69	0	0	3
DAMIETTA	00	8	20	2	1	1	8	17.8	+2.0	21.8	26	—	15	—	69	0	0	3
PORT SA'ÎD	00	8	25	2	0	2	6	18		23	26		20		65	0	dr.	1
EL 'ARÎSH	01	9	16	2	1	4	8	18.2	+2.8	22.4	28	0	15	-2	83	0	0	2
LOWER EGYPT																		
DAMANHÛR	00	7	24	3	0	0	—	19.0	+2.4	19.3	27	-3	16	-1	81	dr.	dr.	2
MANSÛRA	01	8	02	1	1	3	6	18.6	+2.5	21.2	29	-1	16	-1	73	0	0	1
TANTA	00	8	00	0	0	0	—	18.8	+2.2	17.8	29	-1	13	-2	92	0	0	2
ZAGAZIG	01	6	16	2	1	4	8	18.0	+1.4	20.8	30	0	15	0	77	0	0	1
SHEBÎN EL KÔM	00	8	32	2	0	0	—	18.8	+2.3	18.7	31	—	16	—	83	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	01	1	0	1	1	18		22	29	—	17	—	65	0	0	—
CAIRO EZBEKÎYA	05	6	02	2	0	2	4	18.7	+2.4	21.5	29	-1	17	0	64	0	0	1
CAIRO GÎZA	01	6	30	1	1	3	4	18.8	+2.3	21.0	29	0	14	-1	74	0	dr.	1
HELWÂN	05	6	00	0	0	1	3	18.7	+2.3	20.1	27	-3	16	-2	70	0	0	1
SUEZ	00	9	02	1	0	0	—			21.0	28	-3	17	-2	74	0	0	1
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	—	18.6	+2.5	22.0	29	-2	16	-1	64	0	2	0
MINYA	00	9	32	2	0	0	—	18.4	+2.6	21.7	30	0	17	0	69	0	0	—
ASYÛT	00	7	22	1	0	0	—	17.8	+2.6	22.5	30	0	18	+1	61	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.0	+1.8	23.6	32	—	18	—	58	0	0	—
QENA	00	7	24	2	0	0	—	14.8	+1.1	21.0	34	0	18	0	60	0	0	—
LUXOR	00	8	22	2	0	0	—	15.4	+1.5	25.0	34	-2	17	-1	51	0	0	—
ASWÂN	00	9	32	3	0	0	—	14.4	+1.3	25.0	35	-1	22	+1	40	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	20.0	+2.2	20.0	31	-1	14	0	64	0	0	0
BAHARÎYA	00	8	00	0	0	0	—	19.1	+2.3	20.5	30	0	14	-1	60	0	0	0
KHÂRGA	00	9	32	1	0	0	—			23.9	31	-3	20	+2	47	0	0	—
DAKHLA	00	8	28	1	0	0	—	17.8	+2.2	21.3	30	-3	16	-1	63	0	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—			23.8	26	-3	16	-2	46	0	0	0
HURGHÂDA																	0	0
QUSEIR	00	8	32	5	1	1	4	14.4	+1.0	26.2	29	-1	24	+1	53	0	0	0
PORT SÛDÂN	01	8	32	2	1	4	6	12		30			26		78	0	0	8
NORTH SÛDÂN																		
WÂDI HALFA																0	0	—
KAREIMA	00	8	04	3	0	0	—	12		28			24		23	0	0	1
'ATBARA	00	8	08	2	0	0	—	10		29			24		29	0	0	1
KHARTÛM	00	7	02	2	0	0	—	9		30			26		24	0	0	2
KASSALA	00	8	08	3	0	0	—	7		28			28		27	0	0	5
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	08	2	0	0	—	9		29					29	0	7	7
RENK	00	9	32	2	0	0	—	10		27		—		—	70	—	—	27
ROSEIRES	01	8	08	1	1	4	4									0	32	18
EL OBEID	02	9	28	4	1	8	6,4	10		28			24		19	0	1	10
EL FÂSHER	02	8	32	4	1	6	6,4	—	—	27			22		19	0	0	5
GENEINA	01	8	02	3	1	4	4	—	—	23	—		21	—	24	0	—	4
KADUGLI	01	8	38	1	1	4	1	10		25	—			—	84	—	—	74
S. SÛDÂN																		
MALAKÂL																0	29	58
WÂU	00	8	00	0	0	1	8	9		22			21		95	0	19	90
JUBA	01	8	02	1	1	4	2	10		26			19		82	0	18	62

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 6h. 30m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8h. 30m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM 7h. 30m.
06 30 05			02 32 02		02 31 20		02 36 20		06 11 20	06 06 30	06 07 20
09 31 20			05 02 15		05 04 15		05 05 30		09 13 25	09 09 35	09 07 40
12 32 20			08 01 15		10 01 45		10 01 20		15 11 30	15 07 20	
15 30 20			10 02 20				15 18 15		21 04 10	21 07 15	
18 31 20			15 34 30				20 18 25		24 05 15	24 01 25	
21 32 10			20 1 10						30 03 20	30 28 15	
24 32 15			30 31 20						33 01 30	33 25 15	
27 31 15			00 22 35						39 23 45		
30 29 15			00 23 35						45 28 15		

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. 15m.	EL FÂSHER 7h. m.	GENEINA 7h. 15m.	MALAKAL h. m.
06 10 35	06 05 20	06 34 15	09 01 30	09 22 30	
09 10 30	09 09 20	09 02 40	15 02 50	15 25 50	
	15 11 20	15 05 50	21 04 40	21 25 35	
	21 13 20	21 06 30	24 05 55	24 27 35	
	20 14 30	24 06 30	30 03 20		
	30 14 15		33 03 35		
	33 13 20		39 05 30		
	39 16 20		45 09 20		
			60 06 15		

CYPRUS SYNOPTIC 8h. ON 20th

30820 00761 12101 17181 11300
34700 00990 28200 16181 44403

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

HEIGHT FEET	P.P.P m.b.	T T °F	t t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 19th	HUMIDITY Diff from normal	WET BULB TEMP °C on 19th	WET BULB TEMP Diff from normal
Alexandria	59	-9	18.4	-1.6
Ezbekiya	64	-2	18.5	-0.5
Giza	65	-3	18.8	-0.1
Helwân	60	+7	17.2	-0.4

GIZA — GRASS MINIMUM TEMP. ON 20th 8.8 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				10.99	+0.43
Malakâl		12.42	+0.12	12.42	+0.12
J. Aulia Res.		377.17	—	377.28	—
J. Aulia D.S		373.39	-0.44	373.46	-0.45
Roseires		15.84	+0.14	15.89	+0.09
Sennar Res.		17.50	—	17.50	—
Khartûm		13.24	-0.58	12.34	-0.55
Kh. el Girba		12.32	+0.79	12.35	+0.77
'Atbara		12.73	-0.32	12.84	-0.16
Kajnarti		138.69	-0.26	138.84	-0.19
Aswân Res.		109.30	—	108.50	—
Arwân D.S		88.60	-1.69	88.80	-1.60
Roda (Cairo)		18.05	-0.53	18.10	-0.48

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	20-10	3469	4446
	19-10	3622	4629

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick " " " " 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
" of Snow 83, 84
" of Sleet 85, 86
" of Hail 88, 89
Thunderstorm 90-99
" ended, now Rain 91
" with Hail 94-96
" with Duststorm 98
" heavy, with Hail 99

PAST WEATHER (W)

Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)

Objects not visible at 50 metres 0
200 " 1
500 " 2
1 Kilometre 3
2 " 4
4 " 5
10 " 6
20 " 7
50 " 8
Visible over 50 kms. 9

CLOUD AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)

Cirrus 1
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato-cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

CAIRO
Time of Sunrise h. m. 06 00
Sunset h. m. 17 19

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month OCTOBER 1947 — شهر أكتوبر ١٩٤٧

At 14h. on MONDAY 20th (الساعة ١٤ يوم ٢٠) — At 20h. on 20th (الساعة ٢٠ يوم الاثنين 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	°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	4	0	3	8	16.8	24.7	60	0	01	8	30	3	0	4	8	17.6	22.8	68	0	131
	MARIUT	01	7	26	4	0	4	8	17	26	55	0	01	7	00	0	0	4	6	17	20	88	0	150
	ALEXANDRIA	02	9	20	4	2	5	8	16.7	25.2	56	0	00	6	24	3	0	0	—	17.1	22.8	58	0	132
	DAMIETTA	00	8	28	3	1	3	8	15.9	25.2	51	0	00	6	26	1	1	2	8	16.2	21.8	75	0	159
	PORT SA'ÎD	07	7	01	2	0	3	8	17	25	54	0	00	7	28	2	0	1	6	17	24	61	0	134
	EL 'ARÎSH	02	9	32	3	2	5	6	15.5	24.9	76	0	00	9	32	2	0	0	—	15.6	23.3	86	0	135
Lower Egypt	DAMANHÛR	01	7	20	3	1	5	8	17.2	27.0	49	0	01	7	24	2	1	3	8	17.2	20.8	84	0	136
	MANSÛRA	01	8	30	1	1	4	8	16.2	27.0	40	0	00	6	02	1	1	0	—	17.5	21.8	72	0	137
	TANTA	01	8	00	0	1	4	8	16.3	28.0	44	0	01	8	00	0	1	4	8	17.4	20.0	78	0	138
	ZAGAZIG	01	6	16	2	1	4	8	16.0	26.8	52	0	00	6	32	2	0	0	—	16.0	21.2	79	0	139
	SHEBÎN EL KÔM	01	8	30	3	1	3	8	16.6	29.2	38	0	00	7	30	2	1	2	6	18.3	21.1	74	0	—
Middle Egypt	CAIRO ALMÂZA	01	8	32	3	1	3	8	16	27	52	0	00	7	32	2	0	0	—	16.8	23.0	66	0	141
	CAIRO EZBEKÎYA	01	8	32	3	0	3	8	15.9	27.1	41	0	00	7	32	2	0	0	—	16.8	22.5	63	0	—
	CAIRO GÎZA	01	8	30	3	1	3	8	15.9	27.0	45	0	00	6	32	2	0	0	—	16.6	22.0	67	0	—
	HELWÂN	00	7	26	2	0	1	8	15.9	25.8	39	0	00	7	32	2	0	0	—	17.0	22.0	50	0	143
	SUEZ	00	9	02	1	0	0	—		27.1	37	0	00	9	32	2	0	0	—		23.2	67	0	144
Upper Egypt	FAIYÛM	00	8	32	2	0	0	—	16.0	27.0	29	0	00	8	32	1	0	0	—	16.3	20.3	55	0	153
	MINYA	00	9	32	3	0	0	—	15.6	28.6	36	0	00	9	32	3	1	0	—	16.6	23.0	56	0	154
	ASYÛT	00	8	30	1	0	0	—	14.8	27.5	35	0	00	6	28	1	0	0	—	15.6	23.5	49	0	155
	NAG' HAMÂDI	00	8	24	2	0	0	—	12.2	29.9	39	0	00	8	00	0	0	0	—	14.6	22.4	68	0	164
	QENA	00	9	24	1	0	0	—	12.4	34.0	32	0	01	6	24	1	0	3	1	13.9	24.0	59	0	156
	LUXOR	00	9	12	2	0	0	—	12.3	33.5	53	0	00	8	14	2	0	0	—	13.1	25.0	44	0	157
	ASWÂN	00	9	30	2	0	0	—	10.8	34.6	20	0	00	9	32	1	0	0	—	12.2	30.2	25	0	158
Western Desert	SÎWA	00	8	28	2	0	0	—	18.8	28.8	35	0	00		00	0	0	0	—	18.6	21.6	45	0	148
	BAHARÎYA	01	8	32	1	1	4	8	17.2	27.2	35	0	00	7	00	0	0	0	—	17.0	20.5	50	0	149
	KHÂRGA	00	9	32	1	0	0	—		29.9	26	0	00	9	00	0	0	0	—		24.8	41	0	151
	DAKHLA	00	9	28	2	0	0	—	14.8	29.3	55	0	00	8	28	1	0	0	—	15.9	25.8	59	0	152
Red Sea	TÔR	00	7	28	5	0	0	—	13.6	27.1	66	0	00	7	28	2	0	0	—	14.3	25.8	58	0	145
	HURGHÂDA												00	8	27	1	0	0	—	14	23	84	0	146
	QUSEIR	00	8	32	3	1	1	4	12.3	27.7	67	0	00	8	28	2	2	3	4	13.2	25.6	67	0	147
	PORT SÛDÂN	00	7	06	3	1	2	8	10	32	67													208
North Sûdân	WÂDI HALFA	00	8	32	2	0	0	—	10	34	25													165
	KAREIMA	00	9	02	2	0	1	8	7	39	16													166
	'ATBARA	00	8	04	2	0	0	—	5	39	14													167
	KHARTÛM	00	7	06	2	0	2	8	4	39	17													209
	KASSALA	00	8	30	2	0	0	—	3	39	12													170
Central Sûdân	WAD MEDANI	00	8	08	3	0	3	8	3	39	13													171
	RENK	01	9	04	3	1	4	1	6	36	35													182
	ROSEIRES	00	8	20	1	0	0	—	6	34	25													172
	EL OBEID	01	5	02	3	1	5	8,4	4	37	13													174
	EL FÂSHER	01	8	32	3	1	4	4	—	36	12									—				175
	GENEINA	00	8	04	4	1	3	2	—	36	11									—				179
	KADUGLI	01	8	04	2	1	4	1	5	34	36													187
S. Sûdân	MALAKÂL	06	7	10	5	1	6	9	6	32	52													176
	WÂU	02	8	30	2	1	5	6	5	34	39													177
	JUBA																							173

At 8h. on TUESDAY 21st (الساعة ٨ يوم الثلاثاء 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	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												—		—				
	MATRÛH	66	8	04	2	6	7	9	18.3	+1.4	23.3	25	-1	15	-3	65	R.	R.	10
	MARIUT	81	7	06	1	8	5	9	17		19	26	—	16	—	95	1	1	4
	ALEXANDRIA	03	6	06	4	1	8	9	17.5	+0.6	19.0	27	-1	17	-3	92	26?	26?	4
	DAMIETTA	07	6	24	1	4	5	7	16.2	+0.3	22.2	27	—	18	—	78	0	0	4
	PORT SA'ÎD	00	7	32	1	0	2	9	16		24	26		21		61	0	dr.	2
	EL 'ARÎSH	00	9	20	2	0	3	8	16.0	+0.6	21.3	28	0	17	0	92	0	0	2
Lower Egypt	DAMANHÛR	02	6	28	2	5	7	9	17.5	+0.9	19.7	28	-2	17	0	87	tr.	tr.	2
	MANSÛRA	01	8	02	1	1	3	6	16.8	+0.7	20.0	29	-1	17	0	81	0	0	2
	TANTA	00	8	00	0	0	0	—	17.0	+0.3	17.8			14	-1	90	0	0	2
	ZAGAZIG	00	6	32	2	0	0	—	16.3	-0.4	21.2	29	-1	16	+1	78	0	0	1
	SHEBÎN EL KÔM	00	8	28	2	0	0	—	17.4	+0.8	18.2	31	—	16	—	82	0	0	—
Middle Egypt	CAIRO ALMAZA	00	7	00	0	0	0	—	16.8	+0.5	22.4	28	—	16	—	72	0	0	—
	CAIRO EZBEKÎYA	05	6	02	2	0	0	—	17.1	+0.8	19.8	28	-2	17	0	79	0	0	1
	CAIRO GÎZA	05	6	28	2	0	0	—	17.5	+0.9	22.3	28	-1	14	-1	68	0	dr.	2
	HELWÂN	05	6	00	0	0	0	—	17.2	+0.7	20.3	27	-2	16	-2	74	0	0	1
	SUEZ	00	9	02	1	0	0	—			19.9	29	-2	16	-3	90	0	0	1
Upper Egypt	FAIYÛM	00	8	00	0	0	0	—	17.2	+1.1	21.0	29	-2	15	-2	58	0	2	0
	MINYA	00	9	32	2	0	0	—	18.2	+2.3	21.2	30	0	14	-3	75	0	0	—
	ASYÛT	00	7	22	1	0	0	—	17.0	+1.7	22.0	28	-2	17	0	62	0	0	0
	NAG' HAMÂDI	00	8	24	1	0	0	—	16.0	+1.7	21.4	31	—	18	—	62	0	0	—
	QENA	00	7	24	2	1	4	3	14.7	+0.9	21.0	34	0	19	+1	60	0	0	—
	LUXOR	01	9	10	2	1	4	2	15.0	+1.0	25.9	34	-2	18	-0	56	0	0	—
	ASWÂN	00	9	32	4	0	0	—	14.6	+1.4	24.7	35	-1	21	0	41	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	—	19.0	+1.2	19.9	30	-2	14	0	73	0	0	0
	BAHARÎYA	00	8	00	0	0	0	—	17.0	+0.1	21.0	28	-2			57	0	0	0
	KHÂRGA	00	9	32	1	0	0	—			21.8	31	-3	19	+1	46	0	0	—
	DÂKHLA	00	8	28	1	0	0	—	16.2	+0.5	21.8	30	-3	17	0	63	0	0	—
Red Sea	TÔR	00	7	28	3	0	0	—			24.8			16	-2	47	0	0	0
	HURGHÂDA																	0	0
	QUSEIR	00	8	30	3	0	0	—	13.4	-0.1	26.8	28	-2	23	0	43	0	0	0
	PORT SÛDÂN	00	8	00	0	1	2	8	13		30			24		70	0	0	8
North Sûdân	WÂDI HALFA	00	8	02	4	0	0	—	15		23			21		34	0	0	—
	KAREIMA	00	9	02	5	0	1	4						24			0	0	1
	'ATBARA	00	8	08	2	0	0	—	9		31			24		33	0	0	1
	KHARTÛM	00	8	02	3	0	0	—	10		29			25		35	0	dr.	2
	KASSALA	00	8	08	2	0	0	—	8		34			24		23	0	dr.	5
Central Sûdân	WAD MEDANI	00	8	08	2	0	0	—	10		28					40	0	7	7
	RENK	00	8	20	2	0	0	—	10		29		—		—	66	—	—	28
	ROSEIRES	00	8	24	1	0	0	—	10		24					74	0	32	19
	EL OBEID	00	9	30	4	1	2	4						21			0	1	10
	EL FÂSHER	01	8	32	3	1	4	4	—	—	24			20		19	0	0	6
	GENEINA	00	8	02	4	1	3	2	—	—	23		—	19	—	27	—	—	4
	KADUGLI	01	8	28	2	1	5	6	12		23		—		—	94	—	—	75
S. Sûdân	MALAKÂL																0	29	60
	WÂU	01	8	00	0	1	5	4	11		24			21		84	0	19	94
	JUBA																0	18	65

UPPER WINDS ON 20th (الرياح العليا يوم ٢٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. m.	13h. m.	h. m.	h. m.	h. m.
									06 06 05				
									09 07 05	09 04 15			
									15 07 15	15 05 05			
									21 06 15	21 30 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 SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8h. 45m.	h. m.	7h. m.	7h. 30m.	7h. m.	7h. 30m.	7h. m.	6h. 40m.	h. m.
			02 30 05		02 36 10	06 34 15	02 36 30	09 01 35	09 15 25	09 05 25	
			05 36 15		05 01 10	09 35 30	05 36 40	15 04 15	15 11 30	15 09 15	
			10 36 15		10 04 20	12 31 02	10 36 40	21 19 15	21 08 15	21 11 10	
			15 36 15			15 20 15	15 24 05			24 17 05	
			20 35 20			18 19 15	20 18 25	30 21 50	33 04 15	30 22 20	
			25 36 20					39 01 35	39 02 20	33 25 25	
			30 01 15					45 04 15	45 35 20	39 26 30	
			40 32 10					51 19 15	48 34 20	45 22 40	
			50 26 25					60 21 50		54 21 35	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	7h. m.	7h. m.	h. m.	h. m.
		09 12 15	09 01 30		
		15 09 15	15 02 25		
		21 04 15	21 08 15		
		24 02 15	24 10 15		
		30 35 10	30 16 25		
		33 32 15	33 17 25		
		39 25 15			
		45 22 30			

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			

CYPRUS SYNOPTIC 8h ON 21st
34854 08951 26401 16160 70407 00141
34704 08990 26412 16181 10402 95150

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	1947	1946
	21-10	3363	4299
	20-10	3469	4446

STATION	Mean of day: Humidity % on 20th	Diff from normal	Wet Bulb Temp °C on 20th	Diff from normal
Alexandria	62	-6	18.6	-1.3
Ezbekiya	58	-8	18.0	-0.9
Giza	65	-3	18.5	-0.3
Helwân	54	+1	16.7	-0.8

GÎZA — GRASS MINIMUM TEMP. ON 21st 9.5 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON .... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-10-47				
Nâsser					
Malakâl				12.42	+0.12
J. Aulia Res.				377.17	—
J. Aulia D.S				373.59	-0.44
Roseires				15.84	+0.14
Sennar Res.				17.50	—
Khartûm				13.24	-0.58
Kh. el Girba				12.32	+0.79
'Atbara				12.73	-0.22
Kajnarti				138.69	-0.26
Aswân Res.		110.01	—	109.30	—
Aswân D.S		88.40	-1.76	88.60	-1.69
Roda (Cairo)		17.96	-0.63	18.05	-0.53

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 h. 01 m.
17 18

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month OCTOBER 1947 — شهر أكتوبر ١٩٤٧

At 14h on TUESDAY 21st — الساعة ١٤ يوم ٢١ الثلاثاء

Station	Present Weather ww	Visibility v	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	02	9	06	2	0	5	9	17.6	20.6	70	0
MARIUT	03	7	02	3	2	8	6	17	21	69	9
ALEXANDRIA	03	9	02	5	5	8	6	17.0	20.7	67	1
DAMIETTA	02	8	30	4	6	6	7	15.9	21.8	71	4
PORT SA'ÎD	10	7	01	5	9	7	8	16	23	69	0
EL 'ARÎSH	25	9	32	4	8	4	9	14.6	23.2	91	dr.
LOWER EGYPT											
DAMANHÛR	01	7	32	4	1	5	8	17.0	22.3	66	0
MANSÛRA	06	7	02	1	6	8	9	16.2	24.0	67	6
TANTA	02	8	32	4	5	6	8	16.4	22.4	66	dr.
ZAGAZIG	02	6	24	2	2	5	8	15.1	25.2	63	0
SHEBÎN EL KÔM	01	8	28	4	2	4	9	16.2	24.1	66	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	8	28	1	1	4	8	14.6	27.0	57	0
CAIRO EZBEKÎYA	01	8	26	1	1	4	8	15.1	26.8	45	0
CAIRO GÎZA	01	8	30	1	1	4	8	15.4	27.1	44	0
ḤELWÂN	01	9	28	3	1	5	8	14.8	25.5	42	0
SUEZ	01	9	02	1	1	4	3		26.4	43	0
UPPER EGYPT											
FAIYÛM	01	8	30	2	1	4	8	15.0	27.0	40	0
MINYA	01	8	08	3	1	4	8	15.1	28.0	38	0
ASYÛT	00	8	22	1	0	0	—	15.1	26.8	38	0
NAG' HAMÂDI	00	8	24	2		0	—	13.0	28.2	42	0
QENA	00	9	24	1	0	0	—	11.5	32.3	32	0
LUXOR	00	9	06	2	0	0	—	12.2	32.0	28	0
ASWÂN	00	9	32	2	0	0	—	10.8	32.3	18	0
WESTERN DESERT											
SÎWA	02	8	20	2	2	6	4	18.3	27.7	44	0
BAHARÎYA	01	8	24	1	1	4	8	15.6	27.5	35	0
KHÂRGA	00	9	32	1	0	0	—		28.2	31	0
DAKHLA	00	9	28	2	0	0	—	15.1	28.0	52	0
RED SEA											
ṬÔR	—		—	—							
HURGHÂDA	00	9	02	4	0	0	—	12	26	74	0
QUSEIR	00	8	02	3	0	0	—	12.8	28.0	53	0
PORT SÛDÂN	00	8	08	3	0	1	8	9	33	70	
NORTH SÛDÂN											
WÂDI ḤALFA	00	8	32	4	0	0	—	11	32	14	
KAREIMA	00	9	32	2	0	1	4	9	37	18	
'ATBARA	01	8	04	2	0	3	8,4	5	39	16	
KHARTÛM	01	8	08	1	0	3	8	5	38	19	
KASSALA	00	8	00	0	0	0	—	4	40	14	
CENTRAL SÛDÂN											
WAD MEDANI	01	7	08	1	0	4	8	4	39	16	
RENK	01	9	20	2	1	4	1	7	35	44	
ROSEIRES	—		—								
EL OBEID	01	9	30	2	1	3	4	5	36	15	
EL FÂSHER	01	8	32	3	1	3	4	—	33	19	
GENEINA	00	8	04	3	0	0	—	=	35	12	
KADUGLI	01	8	20	2	1	3	2	8	34	32	
S. SÛDÂN											
MALAKÂL	01	8	24	2	1	4	8	6	35	39	
WÂU											
JUBA											

At 20h on 21st — الساعة ٢٠ يوم ٢١ الثلاثاء

Station	Present Weather ww	Visibility v	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	02	8	06	3	0	5	9	19.0	19.8	68	0	131
MARIUT	02	7	02	3	2	6	8	19	20	68	tr.	150
ALEXANDRIA	03	6	02	4	2	8	5	19.0	19.2	70	0	132
DAMIETTA	02	7	28	4	2	5	7	17.0	20.2	72	0	159
PORT SA'ÎD	01	7	01	5	8	5	6	17	22	74	1	134
EL 'ARÎSH	02	9	20	3	5	5	9	16.6	21.4	74	dr	135
LOWER EGYPT												
DAMANHÛR	02	6	28	3	2	7	8	17.9	18.0	80	0	136
MANSÛRA	01	6	04	2	1	4	8	18.3	19.0	72	0	137
TANTA	01	8	00	0	1	5	8	18.2	19.1	80	0	138
ZAGAZIG	21	6	24	2	6	2	8	17.5	18.2	90	dr	139
SHEBÎN EL KÔM	01	7	28	2	2	4	8	16.7	18.9	75	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	02	7	02	3	1	5	6	17.6	20.0	80	0	141
CAIRO EZBEKÎYA	01	7	02	3	1	5	6	17.6	19.9	72	0	—
CAIRO GÎZA	02	8	30	2	1	5	6	17.4	20.0	75	0	—
ḤELWÂN	05	6	02	5	1	4	7	17.2	20.0	70	0	143
SUEZ	01	9	32	3	1	4	9		21.3	74	dr.	144
UPPER EGYPT												
FAIYÛM	00	8	30	1	0	0	—	17.0	21.1	73	0	153
MINYA	01	8	32	1	1	3	4	16.0	24.0	51	0	154
ASYÛT	00	6	28	1	0	0	—	16.4	22.3	56	0	155
NAG' HAMÂDI	00	8	32	1	0	0	—	15.2	21.7	62	0	164
QENA	00	6	24	1	0	0	—	13.6	23.7	53	0	156
LUXOR	00	8	30	3	0	0	—	13.5	25.5	35	0	157
ASWÂN	00	9	32	3	0	0	—	13.1	29.0	30	0	158
WESTERN DESERT												
SÎWA	00		00	0	0	0	—	17.8	21.6	49	0	148
BAHARÎYA	01	7	00	0	1	4	8	16.3	22.5	55	0	149
KHÂRGA	00	9	32	1	0	0	—		22.7	38	0	151
DAKHLA	00	8	28	1	0	0	—	15.0	25.7	59	0	152
RED SEA												
ṬÔR												145
HURGHÂDA	00	8	30	4	0	0	—	12	25	84	0	146
QUSEIR	00	8	32	3	0	0	—	13.5	25.0	62	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI ḤALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 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'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. m.	13 h. m.	13h 15m.	h. m.	h. m.
									09 06 30	09 04 05	09 03 10		
									15 06 30	15 04 05	15 02 10		
									21 03 10	21 05 15			
									24 01 05				

Remarks

Hours are Egyptian standard time, long 30° E and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	22-10	3282	4128
	21-10	3363	4299

STATION	Mean of day: Humidity % on 21st	Humidity Diff from normal	Wet Bulb Temp °C on 21st	Wet Bulb Temp Diff from normal
Alexandria	79	+11	17.0	-2.8
Ezbekîya	70	+4	17.8	-1.1
Gîza	66	-2	18.3	-0.4
Ḥelwân	66	+13	17.2	-0.2

GÎZA — GRASS MINIMUM TEMP ON 22nd 12.5 °C

CAIRO — WATER TEMP AT 9h; RIVER NILE ON °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day: Reading m.	Diff from normal m.
Jûba	22-10-47			13.87	+0.20
Nâsser				11.01	+0.44
Malakâl		12.43	+0.12	12.43	+0.13
J. Aulia Res				377.10	—
J. Aulia D.S				373.31	-0.47
Roseires				15.74	+0.13
Sennar Res.				17.50	—
Khartûm				13.16	-0.58
Kh. el Girba				12.28	+0.80
'Atbara				12.62	-0.26
Kajnarti				138.54	-0.31
Aswân Res.		110.70	—	110.01	—
Aswân D.S		88.25	-1.83	88.40	-1.76
Roda (Cairo)		17.96	-0.63	17.96	-0.63

Printed by the Survey of Egypt, 1945 (45/306)

1417 F.C.

At 8h on WEDNESDAY 22nd — الساعة ٨ يوم ٢٢ الأربعاء

Station	Present Weather ww	Visibility v	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temperature Dry Bulb °C	Max Yesterday °C	Diff from norm °C	Min Today °C	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs. mms	Total Since Oct 1 mms	Diff from Norm Oct 1 mms
MEDITERRANEAN																		
SALÛM											—		—					
MATRÛH	02	9	00	0	2	5	8	20.0	+3.1	18.8	23	-3	17	-1	70	0	R.	10
MARIUT	01	7	31	1	0	4	6,4	19		21	21	—	18	—	57	tr.	1.9	4
ALEXANDRIA	02	9	04	4	2	5	9	19.8	+2.9	20.0	21	-7	18	-2	57	1	27	4
DAMIETTA	01	8	28	2	1	5	8	18.3	+2.4	20.1	23	—	17	—	62	4	4	4
PORT SA'ID	01	7	31	4	0	4	6,4	19		21	24		20		65	1	1	2
EL 'ARÎSH	02	9	20	1	2	5	9	17.0	+1.5	19.8	26	-2	18	+1	80	dr.	dr.	2
LOWER EGYPT																		
DAMANHÛR	01	6	32	3	1	4	8	19.1	+2.4	19.3	23	-7	15	-2	62	0	tr.	3
MANSÛRA	01	8	04	1	1	3	6	18.6	+2.4	20.0	28	-2	16	-1	66	6	6	2
TANTA	01	8	00	0	1	3	8	19.6	+2.9	16.6	26	-4	12	-3	83	dr.	dr.	2
ZAGAZIG	02	6	24	2	2	5	8	19.4	+2.7	19.6	29	-1	16	+1	74	dr.	dr.	1
SHEBÎN EL KÔM	01	7	28	1	1	4	8	19.4	+2.7	17.2	29	—	15	—	80	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	01	2	1	4	6	18.9		19.2	29	—	17	—	74	0	0	—
CAIRO EZBEKÎYA	05	6	02	2	2	4	6	19.2	+2.8	19.3	28	-2	17	0	63	0	0	1
CAIRO GÎZA	01	6	30	2	1	4	6	19.5	+2.9	19	28	-1	17	+2	60	0	dr.	2
ḤELWÂN	05	7	32	3	1	4	4	18.8	+2.2	17.9	26	-3	16	-2	68	0	0	1
SUEZ	01	9	30	1	1	4	5			20.9	28	-2	18	-1	58	dr.	dr.	1
UPPER EGYPT																		
FAIYÛM	01	8	32	2	1	4	8	19.4	+3.2	19.6	28	-3	15	-2	58	0	2	0
MINYA	00	9	32	3	0	0	—	19.0	+3.0	20.5	28	-1	16	-1	69	0	0	—
ASYÛT	00	7	26	1	0	0	—	17.9	+2.5	19.1	28	-2	17	0	75	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.8	+2.4	21.8	29	—	15	—	47	0	0	—
QENA	00	7	24	2	0	0	—	16.2	+2.3	20.3	34	0	18	0	63	0	0	—
LUXOR	00	9	04	1	0	0	—	15.8	+1.7	24.0	33	-2	15	-3	53	0	0	—
ASWÂN	00	9	32	3	0	0	—	16.6	+3.3	22.3	33	-3	20	-1	27	0	0	—
WESTERN DESERT																		
SÎWA	00	7	12	2	0	0	—	19.6	+1.7	19.2	30	-1	14	0	79	0	0	0
BAHARÎYA	00	8	04	2	0	0	—	18.6	+1.6	18.2	28	-2	14	-1	69	0	0	0
KHÂRGA	00	9	00	0	0	0	—			20.8	31	-2	15	-3	64	0	0	—
DAKHLA	00	8	00	0	0	0	—	18.4	+2.6	20.4	28	-5	15	-2	66	0	0	—
RED SEA																		
ṬÔR	00	7	28	3	0	0	—	15.2	+1.0	24.3	25	-3	16	-2	60	0	0	0
HURGHÂDA	00	9	30	3	0	0	—	15		23	26		18		69	0	0	0
QUSEIR	00	8	32	5	0	0	—	14.7	+1.1	25.7	29	-1	22	-1	56	0	0	0
PORT SÛDÂN	01	8	08	1	0	3	8	12		31			26		59	0	0	9
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	3	0	0	—	16		21			18		21	0	0	—
KAREIMA																0	0	1
'ATBARA	00	7	04	3	0	0	—	10		29			26		35	0	0	1
KHARTÛM	00	7	32	4	0	0	—	10		30			26		27	0	dr.	2
KASSALA																0	dr.	5
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	32	2	0	0	—	10		29					31	0	7	7
RENK											—		—			—	—	30
ROSEIRES																0	32	20
EL OBEID	00	8	30	3	0	1	4	11		26			21		21	0	1	11
EL FÂSHER	00	8	32	2	0	0	—	—	—	24			17		24	0	0	6
GENEINA	00	8	02	3	0	0	—	—	—	22	—		17	—	29	—	—	4
KADUGLI	00	8	28	2	1	2	1	12		25	—			—	47	—	—	76
S. SÛDÂN																		
MALAKÂL	01	8	28	1	0	3	4	9		27			23		89	2	31	62
WÂU																	19	98
JUBA																	18	68

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h 45m	h. m.	7 h. m.	7 h 30m	7 h. m.	7 h 30 m	h. m.	h. m.	6 15
			02 01 20		02 33 15		02 36 20	03 01 30			06 01 30
			05 02 15		05 36 20	06 36 25	05 01 35	06 01 55			09 04 55
			10 02 20		10 34 40	09 36 30	10 02 25	09 01 55			15 06 35
			15 04 15		15 34 35	12 01 15	15 30 10	15 31 10			21 06 35
			20 04 10			15 21 05	20 23 20	21 30 30			30 07 25
			23 28 10			18 22 20	25 22 35	30 25 35			
			25 30 15			21 24 20	30 23 45	33 24 40			
			30 31 30			24 25 15					
			35 29 25			27 24 25					

KASSALA	PORT SUDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL	ALMÂZA
h. m.	6 h45m	7 h. m.	7 h30 m	7 h. m.	h. m.	
	03 06 10	06 36 40	09 02 20	09 05 35		
	06 07 15	09 09 55	15 03 20	15 08 45		
	09 11 15	15 06 35	21 06 15	21 09 15		
	15 17 30		30 09 15	30 07 10		
	21 20 30		39 10 20	39 25 05		
	33 18 25		45 12 20	45 17 15		
	39 15 35			54 24 05		
	42 14 35					

UPPER AIR TEMP — ALMÂZA — AT GMT ON

HEIGHT FEET	PPP mb.	TT °C	DD	FF
Surface				
500				
1000				
1500				
2000				
4000				
6000				
8000				
10000				
12000				
14000				
16000				

CYPRUS SYNOPTIC 8h ON 22nd

34850 01961 22401 15160 40870 00160

34700 00990 22310 15161 10402 00120

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 — 01 = North, 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (v)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD 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
Sky obscured	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 h. 01 m.
Sunset 17 h. 17 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month October 1947 — شهر أكتوبر ١٩٤٧

At 14h. on Wednesday 22nd — الساعة ١٤ يوم ١٠/٢٢

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms
Mediterranean											
SALÛM											
MATRÛH	02	9	00	0	0	5	8	18.6	23.2	38	0
MARIUT	00	7	29	3	1	3	8	18	22	50	0
ALEXANDRIA	01	9	32	3	2	3	8	18.7	22.0	50	0
DAMIETTA	01	8	28	3	1	4	8	17.6	21.7	54	0
PORT SAʻÎD	01	8	30	3	0	3	6,4	18	23	47	0
EL ʻARÎSH											
Lower Egypt											
DAMANHÛR	01	7	28	3	1	3	8	18.3	23.0	44	0
MANSÛRA	02	8	32	1	2	5	8	18.2	23.0	44	0
TANTA	02	8	28	4	2	5	8	18.0	22.8	39	0
ZAGAZIG	02	6	24	2	2	5	8	17.8	24.6	50	0
SHEBÎN EL KÔM	01	8	30	3	2	4	8	18.4	23.8	46	0
Middle Egypt											
CAIRO ALMÂZA	01	8	30	3	1	4	8	17	24	38	0
CAIRO EZBEKÎYA	01	8	30	3	1	4	8	17.8	23.7	49	0
CAIRO GÎZA	01	8	30	2	1	4	8	17.6	23.6	50	0
HELWÂN	02	7	30	4	2	6	8	17.2	23.7	40	0
SUEZ											
Upper Egypt											
FAIYÛM	01	8	32	3	1	4	8	17.0	24.5	36	0
MINYA	01	8	32	3	1	4	8	16.6	26.0	42	0
ASYÛT	00	8	26	1	0	0	—	15.5	25.5	51	0
NAGʻ HAMÂDI	00	8	24	2	0	0	—	14.2	26.7	39	0
QENA	00	9	24	1	0	0	—	13.5	31.7	36	0
LUXOR	00	9	02	2	0	0	—	13.1	31.0	27	0
ASWÂN	00	9	30	2	0	0	—	11.8	30.2	30	0
Western Desert											
SÎWA	00	8	00	0	0	0	—	18.8	26.8	50	0
BAHARÎYA	01	8	28	1	1	3	6	16.8	25.0	47	0
KHÂRGA	00	9	02	1	0	0	—		27.8	38	0
DAKHLA	01	9	28	1	1	4	1	14.8?	28.3	55	0
Red Sea											
TÔR	00	7	28	5	0	0	—	13.4	25.8	60	0
HURGHÂDA											
QUSEIR	00	8	02	4	0	0	—	13.9	27.2	59	0
PORT SÛDÂN	00	8	06	3	1	1	8	8	33	71	
North Sûdân											
WÂDI HALFA	00	9	02	4	0	0	—	12	31	12	
KAREIMA	00	8	32	3	0	1	4	9	30	21	
ʻATBARA	00	7	28	2	0	2	8	5	28	35	
KHARTÛM	00	8	04	2	0	2	8	5	39	23	
KASSALA	00	8	02	2	0	1	8	5	39	20	
Central Sûdân											
WAD MEDANI	01	8	04	2	0	4	8	3	40	14	
RENK	01	9	32	2	1	4	8	6	37	33	
ROSEIRES											
EL OBEID	00	8	32	4	0	2	4	5	34	12	
EL FÂSHER	00	8	08	3	0	2	1	—	34	19	
GENEINA	01	8	04	4	1	3	4,2	—	35	18	
KADUGLI	00	8	28	2	1	2	1				
S. Sûdân											
MALAKÂL	01	8	24	1	1	3	8,2	5	35	25	
WÂU											
JUBA	05	7	32	2	1	5	8,2	5	36	31	

At 20h. on 22nd — الساعة ٢٠ يوم الأربعاء ٢٢

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
SALÛM												130
MATRÛH	08	8	00	0	0	3	8	17.9	23.9	60	0	131
MARIUT	00	7	00	0	0	2	6	19	16	77	0	150
ALEXANDRIA	00	6	30	2	0	0	—	19.4	19.0	63	0	132
DAMIETTA	01	7	30	3	1	4	6	18.2	19.8	57	0	159
PORT SAʻÎD	00	7	32	4	0	3	6	18	21	53	0	134
EL ʻARÎSH	02	9	28	2	2	5	8	16.6	22.0	64	0	135
DAMANHÛR	01	7	32	3	1	3	8	19.2	20.0	48	0	136
MANSÛRA	00	6	04	2	1	0	—	19.2	17.3	68	0	137
TANTA	01	8	00	0	1	4	8	19.9	17.0	75	0	138
ZAGAZIG	00	6	24	2	0	0	—	19.5	20.4	82	0	139
SHEBÎN EL KÔM	00	7	30	1	1	0	—	18.8	19.8	67	0	
CAIRO ALMÂZA	00	7	02	2	0	0	—	18.9	19.1	47	0	141
CAIRO EZBEKÎYA	00	7	02	2	0	0	—	19.1	18.1	63	0	—
CAIRO GÎZA	00	6	02	2	1	0	—	19.2	18.9	54	0	—
HELWÂN	00	7	02	4	0	0	—	19.0	19.1	47	0	143
SUEZ	01	9	32	2	1	4	5		20.3	56	0	144
FAIYÛM												153
MINYA	01	8	32	2	1	3	8	16.7	23.0	56	0	154
ASYÛT												155
NAGʻ HAMÂDI												164
QENA	00	6	28	2	0	0	—	13.8	23.8	52	0	156
LUXOR	00	8	24	3	0	0	—	14.3	24.8	42	0	157
ASWÂN	00	9	32	3	0	0	—	13.5	27.0	28	0	158
SÎWA	00		00	0	0	0	—	18.2	20.0	57	0	148
BAHARÎYA	00	7	00	0	0	0	—	18.0	19.5	59	0	149
KHÂRGA	00	9	32	1	0	0	—		22.9	41	0	151
DAKHLA	00	8	00	0	0	0	—	15.5	25.4	58	0	152
TÔR	00	7	28	5	0	0	—	14.4	24.8	52	0	145
HURGHÂDA	00	8	29	5	0	0	—	14	23	84	0	146
QUSEIR	00	8	28	3	0	0	—	13.4	25.0	60	0	147
PORT SÛDÂN												208
WÂDI HALFA												165
KAREIMA												166
ʻATBARA												167
KHARTÛM												209
KASSALA												170
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER								—				175
GENEINA								—				179
KADUGLI												187
MALAKÂL												176
WÂU												177
JUBA												178

At 8h. on Thursday 23rd — الساعة ٨ يوم الخميس ٢٣ — ١٩٤٧

Station	Present Weather ww	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
SALÛM												—		—				2
MATRÛH	01	9	20	1	1	3	8	18.3	+1.3	20.2	24	-2	16	-2	65	0	Rain	11
MARIUT	00	7	19	2	0	2	6	18		18	24	—	13	—	60	0	1	4
ALEXANDRIA	02	9	12	2	1	5	4	18.7	+1.7	18.8	25	-3	14	-5	54	0	27	4
DAMIETTA	00	8	20	2	1	3	8	17.9	+1.9	19.8	22	—	14	—	72	0	4	4
PORT SAʻÎD A.F.	00	7	25	3	0	3	9,4	18		20	23		18		68	0	1	2
EL ʻARÎSH	01	9	20	2	1	4	8	16.4	+0.8	21.9	24	-4	15	-2	61	0	dr	3
DAMANHÛR	00	7	24	4	1	3	8	18.8	+2.1	16.8	24	-6	14	-2	65	0	tr	3
MANSÛRA	01	8	02	1	1	3	6	18.3	+2.1	19.5	24	-6	14	-3	63	0	6	2
TANTA	01	8	00	0	1	4	8	19.0	+2.2	19.0	24	-6	11	-4	77	0	dr	2
ZAGAZIG	00	6	32	2	0	2	8	19.0	+2.2	21.4	26	-4	17	+2	61	0	dr	1
SHEBÎN EL KÔM	09	6	22	1	4	1	6	18.7	+2.0	16.7	26	—	14	—	70	0	0	—
CAIRO ALMAZA	00	7	14	1	1	3	8	17		17	24	—	14	—	56	0	0	—
CAIRO EZBEKÎYA	01	7	14	1	0	3	8	18.8	+2.4	17.7	25	-4	14	-3	65	0	0	1
CAIRO GÎZA	05	5	00	0	0	0	—	18.8	+2.1	19.5	24	-5	10	-5	60	0	dr	2
HELWÂN	05	6	00	0	0	1	6	18.6	+2.0	17.6	24	-5	14	-3	62	0	0	1
SUEZ	00	9	32	1	0	0	—			20.3	25	-5	13	-6	51	0	dr	1
FAIYÛM	00	8	00	0	0	0	—	19.2	+3.0	19.7	25	-6	12	-5	54	0	2	0
MINYA	00	9	32	3	0	0	—	18.4	+2.4	20.5	27	-2	16	-1	69	0	0	—
ASYÛT	00	7	28	1	0	0	—	18.2	+2.8	18.1	26	-4	15	-2	61	0	0	0
NAGʻ HAMÂDI	00	8	00	0	0	0	—	17.2	+2.7	20.0	28	—	14	—	66	0	0	—
QENA	00	7	24	2	0	0	—	16.8	+2.3	20.0	33	-1	17	0	65	0	0	—
LUXOR	00	9	10	2	0	0	—	16.4	+2.3	23.0	33	-2	15	-2	52	0	0	—
ASWÂN	00	9	32	1	0	0	—	16.2	+2.8	21.0	32	-4	18	-2	51	0	0	0
SÎWA	00	7	00	0	0	0	—	18.4	+0.5	19.2	29	-2	14	0	65	0	0	0
BAHARÎYA	00	8	00	0	0	0	—	18.0	+1.0	20.0	26	-4	11	-4	55	0	0	0
KHÂRGA	00	9	32	1	0	0	—			20.2	29	-4	17	-1	54	0	0	—
DÂKHLA	00	8	00	0	0	0	—	18.3	+2.4	21.6	29	-4	15	-2	67	0	0	—
TÔR	00	7	04	2	0	0	—			21.2	26	-2	16	-2	51	0	0	0
HURGHÂDA A.F.	00	9	30	4	0	0	—	16		21	26		16		57	0	0	0
QUSEIR	00	8	32	4	0	0	—	15.0	+1.3	24.0	28	-2	22	-1	49	0	0	0
PORT SÛDÂN	01	8	30	2	1	4	8	12		31			26		74	0	0	9
WÂDI HALFA	00	8	02	3	0	1	1	16		20			18		49	0	0	—
KAREIMA	00	7	06	3	0	1	4			28			26		37	0	0	1
ʻATBARA																0	0	1
KHARTÛM	01	7	02	4	1	4	4	9		29			27		31	0	dr	3
KASSALA																0	dr	6
WAD MEDANI																0	7	8
RENK												—		—		—	—	31
ROSEIRES																0	32	21
EL OBEID	01	9	28	4	1	3		11		26			21		16	0	1	11
EL FÂSHER	01	8	32	3	1	4	4	—	—	22					25	0	0	6
GENEINA	00	8	02	3	0	3	2	—	—	21		—	17	—	28	—	—	4
KADUGLI												—		—		—	—	77
MALAKÂL	01	8	04	2	1	3	4	9		27					62	0	31	64
WÂU																0	19	101
JUBA																0	18	71

PRESENT WEATHER (ww)

- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick " 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- " of Snow 83, 84
- " of Sleet 85, 86
- " of Hail 88, 89
- Thunderstorm 90-99
- " ended, now Rain 91
- " with Hail 93-96
- " with Duststorm 98
- " heavy with Hail 99

PAST WEATHER (W)

- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)

- Objects not visible at 50 metres 0
- 200 1
- 500 2
- 1 Kilometre 3
- 2 4
- 4 5
- 10 6
- 20 7
- 50 8
- Visible over 50 kms 9

CLOUD AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)

- Cirrus 1
- Cirro-stratus 2
- Cirro-cumulus 3
- Alto-cumulus 4
- Alto-stratus 5
- Strato-cumulus 6
- Nimbo-stratus 7
- Cumulus 8
- Cumulo-nimbus 9
- Stratus 0

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAʻÎD 12 h. 30 m.	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13 h.	KAREIMA 12 h.	KHARTÛM 13 h. 30 m.	KASSALA	EL OBEID 13 h.	MALAKAL	JUBA 13 h.
		03 30 25					03 36 15	03 35 15	06 02 05		06 01 15		06 06 20
		06 31 15					06 36 20	06 35 20	09 03 10		09 01 20		09 06 20
		09 31 25					09 36 20	09 01 20	15 02 15		15 06 10		15 08 25
		12 32 35					15 27 20	15 31 05	21 08 15		21 08 15		21 10 25
		15 31 45					21 23 45	21 28 20					
		18 29 40											
		21 27 30											
		24 25 25											

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 7 h.	MARIUT	PORT SAʻÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA 7 h.	ABU HAMAD 6 h. 45 m.	KAREIMA	KHARTÛM
03 22 15								15 01 35	09 06 50		09 03 55
06 18 05								21 29 10	15 07 20		15 07 45
09 32 05								30 24 15	21 30 10		21 06 30
12 32 05								39 24 15	30 27 25		
15 31 15									39 26 30		
18 28 20									45 24 35		
21 29 25									60 23 40		

KASSALA 7 h.	PORT SÛDÂN	EL OBEID 7 h. 15 m.	EL FÂSHER 7 h. 15 m.	GENEINA 7 h.	MALAKAL 7 h.
09 10 25		09 03 50	09 36 20	09 05 35	09 35 20
15 06 25		15 06 55	15 36 15	15 07 45	15 35 10
21 06 35		21 06 25	21 04 20	21 07 30	21 34 10
30 03 25		30 14 05	30 06 45	30 08 25	30 31 05
39 01 15			39 06 15	39 05 15	39 01 10
45 02 20				45 08 10	45 32 10
48 03 15					

UPPER AIR TEMP — ALMÂZA

AT GMT ON

HEIGHT FEET	PPP m.b.	TT °F	TT °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 23rd

34700 00990 28100 17140 90306 00110
34850 01885 17815 18140 60210 00100

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32 e.g. 08 = East, 16 South, 24 = West, 32 North, 00 is Calm

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	Humidity Diff from normal	Wet Bulb Temp °C on 22nd	Wet Bulb Diff from normal
Alexandria	58	-10	15.4	-4.3
Ezbekîya	57	-9	15.6	-3.2
Gîza	51	-17	15.5	-3.1
Helwân	52	-1	14.6	-2.7

GÎZA — GRASS MINIMUM TEMP ON 23rd 5.4 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h ON °C

Discharges at Aswân measured by sluices m³ per sec. — DATE	1947	1946
23-10	3152	3969
22-10	3262	4128

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.82	+0.15	13.84	+0.17
Nâsser		11.02	+0.45	11.02	+0.45
Malakâl	10	12.43	+0.12	12.43	+0.12
J. Aulia Res.		377.09		377.08	
J. Aulia D.S		373.21	-0.47	373.25	-0.48
Roseires		15.56	+0.11	15.64	+0.13
Sennar Res.		17.50		17.50	—
Khartûm		13.00	-0.60	13.07	-0.60
Kh. el Girba		12.22	+0.83	12.26	+0.82
ʻAtbara		12.48	-0.26	12.54	-0.28
Kajnarti	23	138.30	-0.32	138.44	-0.31
Aswân Res.		111.43		110.70	—
Aswân D.S		88.10	-1.84	88.25	-1.83
Roda (Cairo)		17.98	-0.61	17.96	-0.63

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ANNUAL SUBSCRIPTION P.T. 150

Time of Sunrise 06 h. 22 m.
Sunset 17 h. 16 m.

Month OCTOBER 1947

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

شهر أكتوبر ١٩٤٧

1417 F.C.

At 14h. on THURSDAY 23rd — الساعة ١٤ يوم الخميس ٢٣ / At 20h. on 23rd — الساعة ٢٠ يوم الخميس ٢٣

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	Rain 8-14h mms	20h Present Weather ww	20h Visibility V	20h Wind Dir. DD	20h Wind Force F	20h Past Weather W	20h Cloud Amount N	20h Cloud Form C	20h Bar Press M.S.L. 1000+ mbs. PPP	20h Temp. °C TTT	20h % Humidity UU	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	01	9	00	0	0	3	8	17.0	24.1	34	0	01	8	08	1	0	3	8	16.6	20.8	83	0	131
	MARIUT	00	7	27	2	0	2	8,4	17	24	47	0	00	7	28	1	0	1	8	18	19	64	0	150
	ALEXANDRIA	01	9	26	3	2	4	8	17.1	23.0	52	0	01	6	04	2	2	3	4	17.6	19.8	69	0	132
	DAMIETTA	01	8	28	3	1	4	6	16.8	23.2	44	0	00	7	28	2	1	2	8	17.4	20.0	72	0	159
	PORT SA'ÎD	02	8	31	3	1	5	8,4	17	22	57	0	00	7	32	3	0	3	8	18	21	74	0	134
	EL 'ARÎSH	02	9	32	4	2	6	9	16.3	23.4	65	0	02	9	16	3	5	7	9	16.3	21.9	94	dr.	135
Lower Egypt	DAMANHÛR	01	7	24	3	1	4	8	17.2	23.2	45	0	00	7	28	3	1	0	–	17.8	19.0	72	0	136
	MANSÛRA	01	8	30	1	1	4	6	16.8	24.5	43	0	00	6	32	2	1	0	–	17.9	18.6	69	0	137
	TANTA	01	8	28	1	1	4	8	17.2	25.4	40	0	01	8	30	1	1	3	8	18.3	18.0	79	0	138
	ZAGAZIG	02	6	24	2	2	5	8	16.2	24.2	53	0	00	6	32	2	0	0	–	16.7	19.2	83	0	139
	SHEBÎN EL KÔM	01	8	02	2	1	4	8	17.5	26.2	40	0	00	7	02	1	1	0	–	18.0	19.7	62	0	—
Middle Egypt	CAIRO ALMÂZA	01	8	32	1	1	4	8	16.3	27.1	25	0	00	7	05	1	0	0	–	17.3	21.2	49	0	141
	CAIRO EZBEKÎYA	00	8	02	1	0	0	–	16.7	25.5	38	0	00	7	28	1	0	0	–	17.2	20.1	58	0	—
	CAIRO GÎZA	00	8	02	1	0	0	–	17.0	26.0	39	0	00	7	28	1	0	0	–	17.6	19.6	63	0	—
	HELWÂN	00	7	28	3	0	3	8	16.3	24.0	33	0	00	7	32	3	0	0	–	17.2	20.8	44	0	143
	SUEZ	00	9	32	1	0	0	–		24.3	33	0	00	9	02	1	0	0	–		19.4	64	0	144
Upper Egypt	FAIYÛM	01	8	32	2	1	3	8	16.2	26.0	30	0	00	8	02	1	0	0	–	17.4	19.8	57	0	153
	MINYA	00	9	32	4	0	0	–	16.0	25.0	38	0	00	9	32	2	0	0	–	17.2	21.0	61	0	154
	ASYÛT	00	7	28	1	0	0	–	15.6	25.1	34	0	00	6	26	1	0	0	–	17.0	21.3	47	0	155
	NAG' HAMÂDI												00	8	00	0	0	0	–	15.5	19.4	69	0	164
	QENA	00	6	24	1	0	0	–	13.5	28.0	44	0	00	6	24	2	0	0	–	13.8	27.3	42	0	156
	LUXOR	00	9	24	2	0	0	–	13.1	31.0	37	0	00	8	02	2	0	0	–	14.3	24.8	42	0	157
	ASWÂN												00	9	00	0	0	0	–	14.0	24.0	37	0	158
Western Desert	SÎWA	00	8	12	2	0	0	–	16.3	29.0	41	0	00		00	0	0	0	–		24.5	50	0	148
	BAHARÎYA	00	8	32	1	0	0	–	16.0	26.5	34	0	00	7	00	0	0	0	–	16.4	21.5	46	0	149
	KHÂRGA	00	9	32	1	0	0	–		26.8	31	0	00	9	00	0	0	0	–		21.9	42	0	151
	DAKHLA	00	9	28	1	0	0	–	14.6	27.1	57	0	00	8	00	0	0	0	–	14.6	25.3	59	0	152
Red Sea	TÔR	00	7	28	5	0	0	–	14.0	25.2	61	0	00	7	28	3	0	0	–	13.8	25.3	58	0	145
	HURGHÂDA												00	8	30	5	0	0	–	14	23	65	0	146
	QUSEIR	00	8	32	3	0	0	–	13.9	26.2	54	0	00	8	28	3	0	0	–	14.2	23.0	58	0	147
	PORT SÛDÂN	01	8	06	3	1	3	8	9	32	75													208
North Sûdân	WÂDI HALFA	00	7	02	4	0	0	–	12	31	15													165
	KAREIMA																							166
	'ATBARA	01	8	20	1	0	3	8,4	4	38	21													167
	KHARTÛM	00	8	02	3	0	1	8	5	38	25													209
	KASSALA	00	8	02	3	0	1	8	3	38	19													170
Central Sûdân	WAD MEDANI																							171
	RENK	00	8	28	2	0	0	–	4	37	20													182
	ROSEIRES	00	8	20	1	0	0	–	4	34	62													172
	EL OBEID	00	9	02	4	0	1	4	5	35	10													174
	EL FÂSHER	01	8	00	0	1	3	4	=	34	14									—				175
	GENEINA	00	8	02	3	0	0	–	=	35	15									—				179
	KADUGLI	00	8	04	2	0	0	–	6	35	25													187
S. Sûdân	MALAKÂL	00	8	08	2	0	1	4	5	34	32													176
	WÂU	01	8	02	2	1	4	8,4	4	35	37													177
	JUBA	01	8	02	1	1	5	8,4	5	37	24													173

At 8h. on FRIDAY 24th — الساعة ٨ يوم الجمعة 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.	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	Rainfall Total from Oct. 1 mms	Rainfall Norm from Oct. 1 mms
Mediterranean	SALÛM												—		—				
	MATRÛH	13	8	00	0	6	6	9	16.8	-0.2	19.2	26	0	16	-2	68	R.	Rain	11
	MARIUT	01	7	00	0	0	0	4	17		20	24	—	13	—	73	0	1	4
	ALEXANDRIA	02	9	00	0	2	5	6	17.8	+0.7	22.0	25	-3	17	-2	66	0	.27	4
	DAMIETTA	01	8	20	1	1	3	8	16.4	+0.4	21.8	24	—	14	—	67	0	4	4
	PORT SA'ÎD	00	7	21	2	0	2	8	17		20	24		18		78	0	1	2
	EL 'ARÎSH	00	9	16	1	0	2	8	16.2	+0.6	20.2	27	-1	14	-2	94	dr.	dr.	3
Lower Egypt	DAMANHÛR	01	7	24	3	1	3	8	17.5	+0.7	18.6	26	-3	15	-1	72	0	6	3
	MANSÛRA	01	8	04	1	1	3	6	16.7	+0.5	19.8	27	-3	14	-3	76	0	6	2
	TANTA	01	8	30	1	1	4	8	17.6	+0.7	20.3	26	-4	11	-4	73	0	dr.	2
	ZAGAZIG	00	6	32	2	0	0	–	16.2	-0.6	21.2	27	-3	11	-4	73	0	dr.	1
	SHEBÎN EL KÔM	00	8	22	1	0	1	8	16.4	-0.4	17.2	29	—	14	—	81	0	0	—
Middle Egypt	CAIRO ALMAZA	00	7	00	0	0	0	–	16.6	+0.1	19.6	26	—	16	—	53	0	0	—
	CAIRO EZBEKÎYA	05	5	00	0	0	0	–	16.8	+0.3	18.7	27	-2	15	-2	70	0	0	1
	CAIRO GÎZA	05	5	00	0	0	0	–	17.5	+0.8	18.9	27	-2	12	-3	73	0	dr.	2
	HELWÂN	05	6	00	0	0	0	–	17.0	+0.3	17.6	25	-4	16	-1	70	0	0	1
	SUEZ																	dr.	1
Upper Egypt	FAIYÛM	00	8	00	0	0	0	–	16.8	+0.5	20.0	27	-4	14	-2	55	0	2	0
	MINYA	00	9	32	2	0	0	–	17.9	+1.8	20.0	27	-3	16	0	68	0	0	—
	ASYÛT	00	7	00	0	0	0	–	16.4	+0.9	20.6	26	-4	15	-2	51	0	0	0
	NAG' HAMÂDI	00	8	00	0	0	0	–	16.0	+1.4	20.9	27	—	13	—	52	0	0	—
	QENA	00	7	24	2	0	0	–	15.2	+1.2	22.3	30	-4	15	-2	68	0	0	—
	LUXOR	00	9	10	2	0	0	–	15.6	+1.4	23.5	31	-4	13	-4	49	0	0	—
	ASWÂN	00	9	28	1	0	0	–	14.7	+1.2	21.0	30	-6	16	-4	43	0	0	—
Western Desert	SÎWA	00	7	12	2	0	0	–	19.4	+1.4	18.5	30	-1	15	+1	60	0	0	0
	BAHARÎYA	00	8	08	1	0	0	–			20.0	28	-2	9	-6	43	0	0	0
	KHÂRGA	00	9	00	0	0	0	–			20.3	28	-5	12	-6	58	0	0	—
	DÂKHLA	00	8	00	0	0	0	–	16.4	+0.4	17.8	28	-5	12	-4	68	0	0	—
Red Sea	TÔR	00	7	24	2	0	0	–			16.2	25	-3	14	-4	52	0	0	0
	HURGHÂDA	00	9	28	2	0	0	–	15		22	25		16		44	0	0	0
	QUSEIR	00	8	32	2	0	0	–	14.6	+0.8	23.7	26	-4	19	-4	48	0	0	0
	PORT SÛDÂN	00	8	02	3	0	2	6	12		30			27		78	0	0	10
North Sûdân	WÂDI HALFA	01	8	02	3	0	3	4	16		19			16		40	0	0	—
	KAREIMA	01	8	04	3	1	4	4	13		26			23		21	0	0	1
	'ATBARA	01	7	06	3	0	3	4	10		28			24		42	0	0	1
	KHARTÛM	00	8	02	5	0	0	–	9		29			27		33	0	dr.	3
	KASSALA	00	8	06	3	0	0	–	6		33			26		24	0	dr.	6
Central Sûdân	WAD MEDANI	00	8	32	4	0	0	–	8		30					38	0	7	8
	RENK	00	9	32	2	0	0	–	10		28		—		—	66	—	—	33
	ROSEIRES	00	8	20	1	0	0	–	10		23					95	0	32	22
	EL OBEID	01	8	30	4	1	1	4	10		28			21		15	0	1	12
	EL FÂSHER	01	8	00	0	0	1	1	—	—	21			17		31	0	0	6
	GENEINA	01	8	02	2	1	3	4	—	—	20		=	18	—	41	0	—	4
	KADUGLI	01	8	12	1	1	3	1	11		24		=		—	38	—	—	78
S. Sûdân	MALAKÂL	01	8	04	1	1	5	4,5	10		26			27		79	0	31	66
	WÂU	00	8	00	0	0	0	–	9		25			22		54	0	19	104
	JUBA																0	18	74

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa 13h.	Kareima	Khartûm 13h.	Kassala 13h.	El Obeid 12h.15m.	Malakal 13h.15m.	Juba 13h.
							09 01 35		09 03 30	09 03 30	09 02 25	09 05 20	09 09 35
							15 25 20		15 05 30	15 05 20	15 03 25	15 02 05	15 09 25
							21 27 15		21 13 05	21 05 30	21 07 15		21 09 20
							24 25 50			24 06 15	24 07 15		24 10 20
							30 24 55						
							33 25 55						
							39 25 55						
							45 26 55?						
							60 25 90?						

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

Matrûh	Mariut	Port Sa'îd	Helwân	Minya	Asyût	Luxor	Aswân	Wâdi Halfa 7h.	Abu Hamad 7h.	Kareima	Khartûm
								06 03 40	06 02 45		
								09 02 40	09 09 20		
								15 02 40	15 18 20		
								21 33 10	21 31 15		
								30 25 65	30 27 20		
								39 24 70	33 27 20		
									39 21 35		
									45 15 45		

Kassala 6h.45m.	Port Sûdân 7h.	El Obeid	El Fâsher 7h.	Geneina 7h.	Malakal
06 10 40	06 02 30		09 35 20	09 05 35	
09 09 50	09 04 30		15 07 15	15 10 25	
15 03 15	15 05 35		21 11 10	21 13 15	
21 01 20	30 14 30		30 15 20		
30 30 15	33 13 30		33 15 20		
33 29 15			39 19 05		
39 22 35			45 25 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 23rd	Diff from normal	Wet Bulb Temp °C on 23rd	Diff from normal
Alexandria	60	-8	15.7	-3.9
Ezbekîya	56	-11	15.5	-3.2
Gîza	56	-13	16.0	-2.5
Helwân	47	-6	14.3	-2.9

GÎZA — GRASS MINIMUM TEMP. ON 24th 7.6 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON ... °C

Discharges at Aswân measured by sluices m³ per sec. Date	1947	1946
24-10	2995	3872
23-10	3152	3969

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-10-47	13.80	+0.12	13.82	+0.15
Nâsser		11.02	+0.44	11.02	+0.45
Malakâl		12.43	+0.12	12.43	+0.12
J. Aulia Res.		377.01	—	377.09	—
J. Aulia D.S		373.14	-0.48	373.21	-0.47
Roseires		15.47	+0.12	15.56	+0.11
Sennar Res.		17.50		17.50	
Khartûm		12.96	-0.56	13.00	-0.60
Kh. el Girba				12.22	+0.83
'Atbara		12.38	-0.27	12.48	-0.26
Kajnarti		138.15	-0.41	138.30	-0.32
Aswân Res.		111.96	—	111.43	—
Aswân D.S		87.95	-1.88	88.10	-1.84
Roda (Cairo)		18.02	-0.55	17.98	-0.61

UPPER AIR TEMP. ALMÂZA AT ... G.M.T. ON ...

Height feet	P.P.P. mb.	T °F	Td °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 24th
34710 01974 02214 17171 10500 00110
34853 00962 18102 17140 50801

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER	(W)
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD 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. [illegible]
Sunset h. m. 17 15

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month OCTOBER 1947 — شهر أكتوبر ١٩٤٧

At 14h. on FRIDAY 24th (الساعة ١٤ يوم ٢٤) and At 20h. on 24th (الساعة ٢٠ يوم الجمعة ٢٤)

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	04	1	0	0	–	14.8	21.9	73	0	01	8	04	2	0	5	8	15.6	21.0	84	0	131
	MARIUT	00	7	30	2	0	3	8	16	24	47	0	00	7	04	2	0	0	–	16	19	78	0	150
	ALEXANDRIA	01	9	02	2	2	4	8	15.6	23.0	57	dr.	00	6	04	3	0	0	–	16.2	20.4	67	0	132
	DAMIETTA	01	8	28	1	1	4	8	15.4	23.0	59	0	00	7	12	1	0	0	–	16.0	20.0	71	0	159
	PORT SA'ÎD	01	8	32	2	0	4	8,5	16	24	54	0	00	7	04	2	0	0	–	16	22	65	0	134
	EL 'ARÎSH	00	9	32	3	0	2	8	15.6	22.9		0	00	9	28	2	0	0	–	15.9	20.9	97	0	135
LOWER EGYPT	DAMANHÛR	01	7	28	3	1	4	8	15.6	25.6	46	0	00	7	28	3	1	0	–	16.2	18.8	76	0	136
	MANSÛRA	01	8	02	1	1	4	8	15.2	26.0	47	0	00	6	04	2	1	0	–	15.9	19.6	70	0	137
	TANTA	01	8	32	1	1	4	8	16.6	27.0	38	0	01	8	30	1	1	3	8	16.6	19.0	77	0	138
	ZAGAZIG	01	6	08	2	1	4	8	15.9	26.8	52	0	00	6	32	2	0	0	–	16.2	20.2	73	0	139
	SHEBÎN EL KÔM	00	8	02	2	0	1	2		27.9	40	0	00	7	02	2	0	0	–		20.4	71	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	08	2	0	0	–	14.6	26.4	34	0	00	7	04	3	0	0	–	15.2	23.2	45	0	141
	CAIRO EZBEKÎYA	00	8	04	1	0	0	–	14.7	26.6	40	0	00	7	30	1	0	0	–	15.6	21.3	56	0	—
	CAIRO GÎZA	00	8	04	1	0	0	–	15.1	27.4	39	0	00	7	30	1	0	0	–	15.9	21.0	62	0	—
	HELWÂN	00	8	28	3	0	0	–	14.2	26.0	30	0	00	7	04	4	0	0	–	15.2	22.1	42	0	143
	SUEZ	00	9	02	1	0	0	–		25.3	37	0	00	9	32	1	0	0	–		21.4	58	0	144
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	–	14.3	26.5	37	0	00	8	02	2	0	0	–	14.3	21.8	48	0	153
	MINYA	00	9	32	2	0	0	–	15.1	28.0	31	0	00	9	32	1	0	0	–	14.3	22.0	58	0	154
	ASYÛT	00	8	22	1	0	0	–	14.0	26.0	42	0	00	6	22	1	0	0	–	15.4	21.4	65	0	155
	NAG HAMÂDI	00	8	32	1	0	0	–	13.6	27.7	33	0	00	8	00	0	0	0	–	15.0	19.7	71	0	164
	QENA	00	9	24	1	0	0	–	12.3	29.6	40	0	01	6	24	2	1	4	1	14.0	23.5	48	0	156
	LUXOR	00	9	06	2	0	0	–	12.7	30.6	34	0	00	8	02	2	0	0	–	13.9	24.2	41	0	157
	ASWÂN	00	9	32	2	0	0	–	12.2	29.4	29	0	00	9	00	0	0	0	–	14.6	25.6	26	0	158
WESTERN DESERT	SÎWA	00	8	20	2	0	0	–	12.4	26.0	55	0	00		12	3	0	0	–	13.0	20.4	61	0	148
	BAHARÎYA	00	8	16	2	0	0	–	11.9	31.0	22	0	00	7	00	0	0	0	–	14.4	23.5	35	0	149
	KHÂRGA	00	9	00	0	0	0	–		30.1	30	0	00	9	00	0	0	0	–		24.2	42	0	151
	DAKHLA	00	9	00	0	0	0	–	13.4	30.8	49	0	00	8	28	1	0	0	–	15.0	25.0	59	0	152
RED SEA	TÔR	00	7	28	4	0	0	–	13.8	25.6	59	0	00	7	28	1	0	0	–	13.8	26.2	52	0	145
	HURGHÂDA																							146
	QUSEIR	00	8	02	2	0	0	–	13.2	25.6	63	0	01	8	28	2	1	4	3	14.2	24.3	60	0	147
	PORT SÛDÂN	00	8	04	3	0	3	8	10	32	75													208
NORTH SÛDÂN	WÂDI HALFA	00	8	02	4	0	0	–	12	31	10													165
	KAREIMA	00	9	06	2	1	1	4	9	36	17													166
	'ATBARA	01	7	06	2	0	3	8	5	38	21													167
	KHARTÛM	00	8	06	1	0	1	4	5	37	31													209
	KASSALA		–																					170
CENTRAL SÛDÂN	WAD MEDANI																							171
	RENK																							182
	ROSEIRES																							172
	EL OBEID	00	9	02	3	0	3	4	6	33	12													174
	EL FÂSHER	00	8	32	1	0	2	1	=	34	19									—				175
	GENEINA	00	8	06	1	0	0	–	=	35	13									—				179
	KADUGLI	00	8	12	1	0	0	–		35	25													187
S. SÛDÂN	MALAKÂL	01	8	18	1	1	4	8,4	6	35	47													176
	WÂU																							177
	JUBA	02	7	30	2	1	7	8	5	36	33													178

UPPER WINDS ON 24th (الرياح العليا يوم ٢٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	Almaza	P. Said	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	11h. 30m.	12h. 30m.	h. m.	h. m.	h. m.	13h. 15m.	12h. 30m.	13h. 15m.	h. m.	13h. 15m.	13h.	11h. 45m.
		06 14 05	06 33 15				06 04 30	06 02 25	06 03 10		06 02 20	06 18 10	06 01 15
		09 32 05	09 35 15				09 04 40	09 02 10	09 04 10		09 04 25	09 16 15	09 01 15
		12 30 15	12 36 15				15 04 50	15 11 10	15 05 10		15 06 20	15 16 20	15 12 15
		15 33 25	15 34 15				21 03 15	21 02 05			21 06 20	21 19 15	24 09 15
		18 29 30	21 30 15					30 26 20			30 12 15	30 18 10	
		21 28 40	30 29 35					39 24 30			39 22 25		
		24 24 60	39 28 50					45 23 25					
		27 18 20	45 27 50					60 26 35					
		30 17 20						75 25 55					

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	25-10	2871	3749
	24-10	2995	3872

STATION	Mean of day: Humidity % on 24th	Humidity Diff from normal	Wet bulb temp °C on 24th	Wet bulb Diff from normal
Alexandria	65	-3	17.4	-2.1
Ezbekîya	57	-10	16.6	-2.0
Gîza	61	-8	16.7	-1.7
Helwân	50	-3	15.2	-1.9

GÎZA — GRASS MINIMUM TEMP. ON 25th 7.6 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h ON °C

GAUGE	Date	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
	1947				
Jûba	25-10-47	13.78	+0.09	13.80	+0.12
Nâsser		11.03	+0.45	11.02	+0.44
Malakâl		12.43	+0.11	12.43	+0.12
J. Aulia Res.		377.05	—	377.01	—
J. Aulia D.S		373.10	-0.46	373.14	-0.48
Roseires		15.40	+0.13	15.47	+0.12
Sennar Res.		17.50	—	17.50	—
Khartûm		12.89	-0.53	12.96	-0.56
Kh. el Girba					
'Atbara		12.30	-0.30	12.38	-0.27
Kajnarti		137.98	-0.48	138.15	-0.41
Aswân Res		112.53	—	111.96	—
Aswân D.S		97.80	-1.87	97.95	-1.88
Roda (Cairo)		17.97	-0.57	18.02	-0.55

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SATURDAY 25th (الساعة ٨ يوم السبت ٢٥)

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	Maximum Yesterday °C	Max Diff from norm °C	Minimum Today °C	Min Diff from norm °C	% Humidity	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Norm from Oct 1 mms
MEDITERRANEAN	SALÛM																		
	MATRÛH	01	9	00	0	0	4	8	17.4	+0.3	21.7	22	-4	17	-1	50	0	Rain	12
	MARIUT	01	7	05	1	0	4	6	16		22	27	—	16	—	65	0	1	4
	ALEXANDRIA	02	9	04	3	1	5	5	16.8	-0.4	22.0	27	0	18	-1	61	dr.	27	4
	DAMIETTA	01	7	04	1	1	4	6	15.9	-0.1	21.2	24	—	15	—	73	0	4	4
	PORT SA'ÎD	01	7	12	2	0	4	8,4	16		22	24		18		69	0	1	2
	EL 'ARÎSH	00	9	16	1	0	2	8	16.6	+1.0	21.9	26	-2	14	-2	87	0	dr.	3
LOWER EGYPT	DAMANHÛR	01	7	28	3	6	3	8	15.2	-1.6	19.2	26	-3	15	-1	78	tr.	tr.	3
	MANSÛRA	01	8	02	1	5	3	6	16.2	-0.1	22.2	28	-2	17	0	64	dr.	6	2
	TANTA	01	8	32	1	1	3	8	16.4	-0.5	21.4	27	-3	11	-4	70	0	dr.	2
	ZAGAZIG	02	6	32	3	2	5	8	15.9	-0.9	20.2	28	-2	16	+1	74	0	dr.	1
	SHEBÎN EL KÔM	02	8	02	2	1	5	8			18.8	29	—	16	—	74	0	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	7	02	3	1	3	4	14.8	-1.8	21.9	28	—	18	—	50	0	0	
	CAIRO EZBEKÎYA	00	6	04	1	0	1	6	15.1	-1.5	20.6	28	-1	17	0	61	0	0	1
	CAIRO GÎZA	00	6	04	1	0	1	6	15.5	-1.3	23.8	28	-1	15	0	51	0	dr.	2
	HELWÂN	00	7	06	4	0	1	4	14.4	-2.3	23.2	26	-3	19	+2	41	0	0	1
	SUEZ	00	9	00	0	0	0	–			25.8	27	-3	15	-3	46	0	dr.	1
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	–	14.7	-1.7	21.0	29	-2	13	-3	47	0	2	0
	MINYA	00	9	32	2	0	0	–			19.9	28	-1	16	0	69	0	0	
	ASYÛT																	0	0
	NAG HAMÂDI	00	8	00	0	0	0	–	16.6	+1.9	22.3	29	—	14	—	49	0	0	—
	QENA	01	7	08	1	1	3	3	15.9	+1.8	18.8	32	-2	16	-1	60	0	0	
	LUXOR	02	9	06	2	2	5	2	15.9	+1.6	22.0	32	-3	15	-2	58	0	0	—
	ASWÂN	00	9	00	0	0	0	–	15.6	+2.0	22.0	32	-4	18	-2	46	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	–	17.4	-0.6	20.0	28	-3	15	+2	75	0	0	0
	BAHARÎYA	00	8	32	1	0	0	–	15.5	-1.6	18.0	31	+1	11	-4	49	0	0	0
	KHÂRGA	00	9	00	0	0	0	–			19.8	31	-2	16	-1	43	0	0	—
	DÂKHLA	00	8	24	1	0	0	–	17.0	+0.9	22.8	32	0	16	0	66	0	0	—
RED SEA	TÔR	00	7	04	2	0	0	–	15.0	+0.6	18.2	28	0	15	-2	53	0	0	0
	HURGHÂDA	00	9	00	0	0	0	–	15		22	26		16		36	0	0	0
	QUSEIR	01	8	30	2	1	4	3	14.7	+0.8	24.3	27	-3	20	-2	46	0	0	0
	PORT SÛDÂN	01	8	32	4	1	3	8,4	11		29					40	0	0	10
NORTH SÛDÂN	WÂDI HALFA	00	7	02	2	0	0	–			21					31	0	0	—
	KAREIMA	01	8	06	3	0	3	4	14		27			22		23	0	0	1
	'ATBARA	01	8	06	3	0	3	4	11		28			21		33	0	0	1
	KHARTÛM																0	dr.	3
	KASSALA																0	dr.	6
CENTRAL SÛDÂN	WAD MEDANI	00	9	04	2	0	0	–	11		28					62	0	7	8
	RENK	00	9	04	2	0	0	–	11		28	—		—		62	—	—	34
	ROSEIRES	00	8	20	1	0	0	–	10		25					84	0	32	23
	EL OBEID	00	9	30	4	0	1	4	11		27			21		14	0	1	12
	EL FÂSHER	01	8	32	2	1	4	4	—	—	25			19		24	0	0	6
	GENEINA								—	—		—		—			—	—	4
	KADUGLI	01	8	08	1	1	3	1	12		24	—		—		61	—	—	78
S. SÛDÂN	MALAKÂL	02	8	00	0	1	5	4	10		29			24		70	tr.	31	68
	WÂU																9	28	107
	JUBA																0	18	77

UPPER WINDS ON 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7h. m.	h. m.	7h. m.	h. m.
06 05 20								06 03 30		06 05 50	
09 05 20								09 02 30		09 06 40	
12 04 15								15 02 30		15 33 10	
15 02 10								21 36 35		21 29 10	
18 32 10								30 26 20		30 27 30	
21 30 15								39 26 50		39 25 35	
								45 26 40		45 22 45	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7h. m.	7h m.	7h. m.	h. m.	7h. 15m.
	06 01 20	06 36 25			06 00 00
	09 01 15	09 03 55	09 34 10		09 20 10
	15 07 15	15 04 40	15 06 20		15 26 05
	21 10 15	21 07 30	21 08 15		21 27 10
	30 05 02	30 06 15	30 07 05		
	39 31 20		39 11 05		
	45 29 20		45 13 10		

CYPRUS SYNOPTIC 8h ON 25th
34710 01974 28214 17161 20380 00110
34670 01954 22214 18150 92050

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON — HEIGHT FEET	P.P.P mb	T T °F	t t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

ANNUAL SUBSCRIPTION P.T. 150

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD 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. 04
Sunset h. 17 m. 14

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month October 1947 — شهر اكتوبر ١٩٤٧

At 14h. on Saturday 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	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	01	9	00	0	0	3	8	17.5	22.8	70	0	131
MARIUT	00	7	02	3	0	2	8,4	16	24	47	0	150
ALEXANDRIA	01	9	04	4	2	4	1	16.4	23.0	52	dr	132
DAMIETTA	00	8	32	3	1	3	5	15.4	23.1	57	0	159
PORT SA'ÎD	01	7	04	4	0	3	6	16	24	69		134
EL 'ARÎSH	00	9	02	4	0	0	—	15.4	24.1	74	0	135
LOWER EGYPT: DAMANHÛR	01	7	04	4	1	4	8	16.2	24.2	48	0	136
MANSÛRA	01	8	04	2	1	4	8	15.4	27.0	49	0	137
TANTA	01	8	32	1	1	4	8	15.0	26.7	40	0	138
ZAGAZIG	01	6	24	2	1	4	8	15.1	27.2	56	0	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	16.7	26.9	47	0	—
MIDDLE EGYPT: CAIRO ALMÁZA	01	8	04	6	—	4	8	14	27	33	0	141
CAIRO EZBEKÎYA	00	8	04	1	1	2	8	12.9	28.2	35	0	—
CAIRO GÎZA	00	8	04	1	1	2	8	14.2	28.1	35	0	—
HELWÂN	00	8	16	2	0	3	8	13.4	28.1	28	0	143
SUEZ	00	9	00	0	0	0	—		27.8	33	0	144
UPPER EGYPT: FAIYÛM	00	8	00	0	0	0	—	13.0	28.5	32	0	153
MINYA	00	9	34	2	0	0	—	13.4	28.0	33	0	154
ASYÛT	00	8	20	1	0	0	—	13.4	28.7	28	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	13.0	30.7	31	0	164
QENA	00	9	24	2	0	0	—	12.0	29.8	34	0	156
LUXOR	00	9	18	2	0	0	—	12.4	33.0	25	0	157
ASWÂN	00	9	00	0	0	0	—	12.4	33.0	25	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	—	17.5	28.0	47	0	148
BAHARÎYA	01	8	32	1	1	4	8	16.8	27.6	38	0	149
KHÂRGA	00	9	30	1	0	0	—	—	30.6	22	0	151
DAKHLA	00	8	28	3	0	0	—	13.1	30.0	52	0	152
RED SEA: TÔR	00	7	12	1	0	0	—	13.0	28.9	64	0	145
HURGHÂDA												146
QUSEIR	02	8	08	3	1	5	3	13.8	27.0	71	0	147
PORT SÛDÂN	00	8	04	3	1	3	8	11	31	74		208
NORTH SÛDÂN: WÂDI HALFA	00	8	04	3	0	0	—	12	33	10		165
KAREIMA	00	9	06	3	0	1	4	10	36	13		166
'ATBARA	01	8	04	2	1	4	8,4	6	38	18		167
KHARTÛM	01	8	02	4	0	4	8,4	6	37	31		209
KASSALA	00	8	02	1	0	0	—	4	39	21		170
CENTRAL SÛDÂN: WAD MEDANI	01	8	08	3	0	5	8	4	40	14		171
RENK												182
ROSEIRES	00	8	30	1	0	0	—		36	53		172
EL OBEID	02	8	32	4	0	7	8,4	4	38	15		174
EL FÂSHER	01	8	08	3	1	4	8,4	—	36	15		175
GENEINA	00	8	06	3	1	3	8,4	—	35	13		179
KADUGLI	01	8	04	3	1	5	1	—	36	22		187
S. SÛDÂN: MALAKÂL	02	8	00	0	1	5	9,4	6	35	47		176
WÂU												177
JUBA												173

At 20h. on 25th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MATRÛH	00	8	00	0	0	0	—	18.7	20.1	79	0
MARIUT	00	7	00	0	0	0	—	19	17	88	0
ALEXANDRIA	00	6	00	0	0	0	—	18.8	20.0	55	0
DAMIETTA	00	7	02	3	1	0	—		21.2	67	0
PORT SA'ÎD	00	7	04	4	0	3	6,1	18	22	69	0
EL 'ARÎSH	00	9	04	1	0	0	—	15.8	23.2	98?	0
DAMANHÛR	00	7	32	3	1	0	—		18.8	72	0
MANSÛRA	01	6	04	2	1	3	8	17.9	19.6	74	0
TANTA	00	8	00	0	1	0	—	18.6	18.0	80	0
ZAGAZIG	00	6	32	2	0	0	—	17.5	20.2	74	0
SHEBÎN EL KÔM	00	7	04	1	1	2	8	16.6	20.1	71	0
CAIRO ALMÁZA	01	7	04	3	0	4	6	15.3	21.4	72	0
CAIRO EZBEKÎYA	00	6	02	1	0	0	—	17.0	21.4	69	0
CAIRO GÎZA	00	6	02	1	0	0	—	17.1	21.1	71	0
HELWÂN	00	7	04	2	0	2	4	16.3	21.2	69	0
SUEZ	00	9	30	1	0	0	—		22.8	64	0
FAIYÛM	00	8	02	3	0	0	—	15.9	23.0	58	0
MINYA	00	9	32	1	0	0	—	15.6	22.4	55	0
ASYÛT											
NAG' HAMÂDI	00	8	00	0	0	0	—	15.1	20.7	67	0
QENA	01	6	18	2	1	3	1	14.4	21.6	67	0
LUXOR	01	8	22	2	1	3	1	14.3	24.0	39	0
ASWÂN	01	9	00	0	1	4	1	14.6	28.6	27	0
SÎWA	00		00	0	0	0	—	17.5	20.0	64	0
BAHARÎYA											
KHÂRGA	00	9	00	0	0	0	—		24.2	36	0
DAKHLA	00	8	00	0	0	0	—	15.0	24.8	58	0
TÔR	00	7	28	2	0	0	—		25.2	63	0
HURGHÂDA											
QUSEIR	00	8	14	2	1	3	3	13.8	24.9	83	0
PORT SÛDÂN											
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 25th — الارياح العليا يوم ٢٥

MATRÛH	MARIUT	PORT SA'ÎD	ALMÁZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12h. 15m.	12h. 30m.	12h. m.	12h. m.	12h. 15m.	12h. m.	h. m.
							09 02 20	09 04 10	09 04 15	09 07 10	09 03 20	09 00 00	
							15 36 15	15 01 05	15 04 25	15 08 20	15 04 20	15 24 05	
							21 36 15	21 27 15	21 05 20	21 08 15	21 05 20	21 21 05	
							30 26 30	30 27 25	30 01 15	30 07 15	30 02 05	30 17 05	
							33 25 45	33 27 35	33 02 10	33 06 15	33 08 05	33 16 05	
							39 25 40	39 28 40	39 21 05	39 06 20	39 16 10	39 07 05	
							45 24 45	45 22 55	45 20 15	-	45 27 15	15 08 15	

At 8h. on Sunday 26th — الساعة ٨ يوم الاحد ٢٦

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff from norm °C	MINIMUM Today °C mm	MINIMUM Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct 1 mms	RAINFALL Norm From Oct 1 mms
MEDITERRANEAN: SALÛM													—					3
MATRÛH	00	9	00	0	0	0	—	19.4	+2.3	24.2	23	-3	14	-4	58	0	Rain	12
MARIUT	00	7	00	0	0	1	8	20		21	25	—	15	—	65	0	1	5
ALEXANDRIA	01	9	06	2	1	3	4	20.0	+2.7	22.0	26	-1	17	-2	63	dr	27	5
DAMIETTA	00	8	02	2	0	0	—	19.1	+3.0	22.9	24	—	15	—	67	0	4	5
PORT SA'ÎD	00	7	05	3	0	2	8	19		23	25		21		74	0	1	2
EL 'ARÎSH	00	9	16	1	0	0	—	18.7	+3.0	20.4	25	-3	14	-2	98?	0	dr	3
LOWER EGYPT: DAMANHÛR	00	7	32	2	0	0	—			19.0	25	-4	15	-1	78	0	tr	3
MANSÛRA	00	8	02	1	0	0	—	18.8	+2.5	20.3	28	-1	16	-1	62	0	6	2
TANTA	00	8	00	0	0	0	—	19.2	+2.8	21.3	27	-2	12	-3	63	0	dr	2
ZAGAZIG	00	6	32	2	0	0	—	19.8	+2.8	21.4	28	-2	15	0	64	0	dr	1
SHEBÎN EL KÔM	00	8	04	2	0	0	—			19.3	29	—	15	—	66	0	0	—
MIDDLE EGYPT: CAIRO ALMAZA	00	7	04	2	0	0	—	19.2	+2.6	19.7	28	—	16	—	67	0	0	—
CAIRO EZBEKÎYA	05	6	02	1	0	0	—	19.2	+2.6	18.3	29	0	16	-1	78	0	0	1
CAIRO GÎZA	05	6	02	1	0	0	—	19.6	+2.8	21.0	28	-1	13	-1	65	0	dr	2
HELWÂN	00	7	32	3	0	0	—	18.8	+2.0	20.1	29	0	18	+1	63	0	0	1
SUEZ																	dr	1
UPPER EGYPT: FAIYÛM	00	8	32	2	0	0	—	18.6	+3.2	20.7	30	0	16	0	65	0	2	0
MINYA	00	9	32	2	0	0	—	18.0	+1.7	20.0	29	0	17	+1	72	0	0	—
ASYÛT																	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	17.4	+2.6	22.7	32	—	13	—	57	0	0	—
QENA	00	7	24	2	0	0	—	16.6	+2.4	19.8	32	-2	17	0	64	0	0	—
LUXOR	00	7	22	2	0	0	—	16.4	+2.0	21.0	34	-1	15	-2	67	0	0	—
ASWÂN	00	7	00	0	0	0	—	17.1	+3.4	22.0	35	0	20	0	43	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	18.4	+0.3	18.0	30	-1	16	+3	83	0	0	0
BAHARÎYA																	0	0
KHÂRGA	00	9	00	0	0	0	—			18.9	32	-1	14	-3	52	0	0	—
DÂKHLA	00	8	00	0	0	0	—	18.6	+3.4	22.8	30	-2	15	-1	66	0	0	—
RED SEA: TÔR	00	7	04	1	0	0	—			20.9			15	-2	56	0	0	0
HURGHÂDA																	0	0
QUSEIR	00	8	32	3	0	0	—	15.4	+1.4	25.6	30	0	20	-2	56	0	0	0
PORT SÛDÂN	00	8	30	1	0	2	8	15		30			22		57	0	0	11
NORTH SÛDÂN: WÂDI HALFA	00	8	30	1	0	0	—	17		21					26	0	0	—
KAREIMA																	0	1
'ATBARA	00	7	28	4	0	1	4	12		28			19		31	0	0	1
KHARTÛM	05	5	04	5	0	5	4	12		29			26		25	0	dr	3
KASSALA	00	8	32	2	0	2	4	9		31			23		43	0	dr	7
CENTRAL SÛDÂN: WAD MEDANI	01	8	04	5	1	3	3	10		30					25	0	7	9
RENK	00	9	32	3	0	0	—	11		27	—	18	—		58	—	—	36
ROSEIRES																8	33	24
EL OBEID	00	7	32	5	0	2	4	11		29			22		12	0	1	13
EL FÂSHER	00	8	30	3	0	1	1	—	—	24			18		24	0	0	6
GENEINA	00	8	02	3	0	2	4	—	—	23	—	18	—		22	0	—	4
KADUGLI	00	8	28	2	0	0	—	11		24	—		—		65	—	—	79
S. SÛDÂN: MALAKÂL	02	8	28	1	1	7	4	11		25			22		89	0	31	70
WÂU	01	8	02	2	1	4	4	9		26			21		74	1	29	110
JUBA	00	7	06	1	0	0	—	12		27			21		55	0	13	80

Upper Winds are in the Code HHDDVV where HH is Height 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 — الارياح العليا يوم ٢٦

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7h. m.	7h. m.	h. m.	7h. m.
03 13 35											
06 12 30											
09 09 10											
12 13 15											
15 13 10											
18 15 05											
21 19 10											
24 20 10											
27 18 10											
								03 03 20	06 05 55		06 09 45
								06 02 30	09 06 55		09 04 40
								09 01 25	15 08 35		15 02 30
								15 35 40	21 10 25		21 01 30
								21 35 45	30 10 30		
								30 25 15	33 11 30		
								33 28 35	39 17 35		
								39 28 40	45 15 30		
								45 28 25			

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL	ALMAZA
7h. m.	7h. m.	7h. m.	7h. 15m.	7h. 15m.	7h. 30m.	
09 09 25	03 03 15	06 01 45	09 01 20	09 06 35	06 05 05	
15 07 30	06 11 30	09 03 60	15 05 30	15 11 40	09 03 10	
21 06 35	09 05 20	15 06 45	21 08 35	21 14 35	15 03 15	
30 13 15	15 04 20	21 05 45	30 08 15	30 30 05	21 05 25	
33 13 10	21 34 20	30 04 30	33 08 10		30 04 35	
	30 27 15	33 10 15	39 09 15		33 04 35	
	33 27 50	39 27 20				
	39 23 30					

UPPER AIR TEMP — AT G.M.T. ON

HEIGHT FEET	P.P.P. m.b.	T.T. °F	t.t. °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 26th

34700	09990	28110	21151	14404	00110
34800	00890	00002	32151	15200	00100

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	Humidity Diff from normal	Wet Bulb Temp °C on 25th	Wet Bulb Temp Diff from normal
Alexandria	56	-12	16.5	-2.9
Ezbekiya	64	-3	17.6	-0.8
Giza	56	-13	17.9	-0.4
Helwân	49	-5	16.9	-0.1

GÎZA — GRASS MINIMUM TEMP. ON 26th 8.7 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.78	+ 0.07
Nâsser		11.03	+ 0.45	11.03	+ 0.45
Malakâl		12.43	+ 0.11	12.43	+ 0.11
J. Aulia Res.	10	377.04	-	377.05	—
J. Aulia D.S		373.07	- 0.43	373.10	- 0.46
Rogeires		15.36	+ 0.16	15.40	+ 0.13
Sennar Res.		17.50	—	17.50	—
Khartûm	1	12.78	- 0.58	12.84	- 0.53
Kh. el Girba					
'Atbara	26	12.25	- 0.28	12.30	- 0.30
Kajnarti		137.83	- 0.52	137.98	- 0.48
Aswân Res.		112.08	-	112.53	-
Aswân D.S		87.65	- 1.90	87.80	- 1.87
Roda (Cairo)	2	17.82	- 0.17	17.97	- 0.57

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	26-10	2710	3665
	25-10	2871	3749

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " "	42
Fog or patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" in no Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

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CAIRO
Time of Sunrise 6h 25m
Sunset 17h 13m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month OCTOBER 1947 — شهر أكتوبر ١٩٤٧

At 14h. on SUNDAY 26th — الساعة ١٤ 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 8-14 h. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	10	2	0	0	—	17.5	25.1	60	0	131
MARIUT	00	7	07	3	0	0	—	17				150
ALEXANDRIA	00	9	06	4	0	0	—	16.7	23.4	56	0	132
DAMIETTA	00	8	04	3	0	0	—	17.8	24.0	60	0	159
PORT SA'ÎD	00	8	04	3	0	0	—	17				134
EL 'ARÎSH	00	9	02	2	0	0	—	16.8	25.3	73	0	135
LOWER EGYPT: DAMANHÛR	00	7	08	4	0	0	—	17.9	26.0	43	0	136
MANSÛRA	00	8	02	2	0	0	—	18.0	28.0	47	0	137
TANTA	01	8	00	0	1	3	8	17.2	28.6	39	0	138
ZAGAZIG	01	6	32	3	1	4	8	17.1	27.2	43	0	139
SHEBÎN EL KÔM	00	8	04	4	0	2	8	17.0	28.9	43	0	—
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	06	4	0	3	8	16.2	28.0	41	0	141
CAIRO EZBEKÎYA	00	8	04	1	0	0	—	16.3	29.4	37	0	—
CAIRO GÎZA	00	8	04	1	0	0	—	16.4	28.6	36	0	—
HELWÂN	00	8	04	4	0	0	—	15.8	28.1	29	0	143
SUEZ	00	9	02	1	0	0	—		28.6	31	0	144
UPPER EGYPT: FAIYÛM	00	8	02	2	0	0	—	15.8	28.5	33	0	153
MINYA	00	9	32	2	0	0	—	15.2	27.5	45	0	154
ASYÛT												155
NAG' HAMÂDI	00	8	24	1	0	0	—	14.4	28.6	35	0	164
QENA	00	9	24	2	0	0	—	13.8	30.4	36	0	156
LUXOR	00	9	26	2	0	0	—	13.6	30.5	31	0	157
ASWÂN	00	9	00	0	0	0	—	13.4	32.4	28	0	158
WESTERN DESERT: SÎWA	00	8	12	3	0	0	—	16.7	28.6	48	0	148
BAHARÎYA	00	8	32	1	0	0	—	16.2	28.5	33	0	149
KHÂRGA	00	9	00	0	0	0	—		29.1	27	0	151
DAKHLA	00	9	32	1	0	0	—	14.8	28.7	54	0	152
RED SEA: TÔR	00	7	28	3	0	0	—	14.7	27.8	58	0	145
HURGHÂDA												146
QUSEIR	01	8	02	2	0	3	5	14.4	27.3	75	0	147
PORT SÛDÂN	00	9	04	2	0	3	8,4	11	31	59		208
NORTH SÛDÂN: WÂDI HALFA	00	8	02	3	0	0	—	13	32	17		165
KAREIMA	00	8	06	5	0	0	—	11	34	16		166
'ATBARA	01	7	04	3	0	5	4	7	37	20		167
KHARTÛM	01	7	04	4	2	4	4	7	38	24		209
KASSALA												170
CENTRAL SÛDÂN: WAD MEDANI	01	8	32	3	1	4	8	3	39	15		171
RENK												182
ROSEIRES												172
EL OBEID	00	8	02	4	0	1	4	5	37	11		174
EL FÂSHER	00	7	02	3	0	0	—	—	34	16		175
GENEINA	00	8	04	3	0	0	—	—	36	13		179
KADUGLI	01	8	04	3	1	3	1	6	36	32		187
S. SÛDÂN: MALAKÂL	01	8	14	2	1	5	8,4	7	33	53		176
WÂU												177
JUBA	01	8	02	2	1	5	8	5	36	29		173

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 14-20 h. mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	10	2	0	0	—	17.1	21.2	83	0
MARIUT	00	7	06	2	0	0	—	18	18	83	0
ALEXANDRIA	00	6	06	2	0	0	—	18.8	20.6	68	0
DAMIETTA	00	7	04	2	0	0	—	17.8	22.2	72	0
PORT SA'ÎD	00	7	05	4	0	0	—	18	23	74	0
EL 'ARÎSH	00	9	32	3	0	0	—	16.0	21.9	68	0
LOWER EGYPT: DAMANHÛR	00	7	08	3	0	0	—	18.3	19.7	73	0
MANSÛRA	00	6	04	2	0	0	—	17.8	20.6	78	0
TANTA	00	8	00	0	1	0	—	17.6	18.7	80	0
ZAGAZIG	00	6	32	2	0	0	—		20.6	72	0
SHEBÎN EL KÔM	00	7	04	2	0	0	—	17.4	21.2	71	0
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	02	2	0	0	—	17.1	22.4	67	0
CAIRO EZBEKÎYA	00	7	04	1	0	0	—	17.2	22.0	67	0
CAIRO GÎZA	00	7	04	1	0	0	—	17.4	22.2	60	0
HELWÂN	00	7	04	5	0	0	—	16.3	22.6	56	0
SUEZ	00	9	30	1	0	0	—		22.6	57	0
UPPER EGYPT: FAIYÛM	00	8	08	1	0	0	—	16.7	23.1	52	0
MINYA	00	9	32	2	0	0	—	16.7	22.9	64	0
ASYÛT											
NAG' HAMÂDI	00	8	00	0	0	0	—	15.2	19.2	70	0
QENA	00	6	24	1	0	0	—	14.7	22.2	56	0
LUXOR	00	8	30	2	0	0	—	14.7	21.0	65	0
ASWÂN	00	9	00	0	0	0	—	13.8	29.0	29	0
WESTERN DESERT: SÎWA	00		00	0	0	0	—		23.5	49	0
BAHARÎYA	00	7	00	0	0	0	—	16.4	21.4	46	0
KHÂRGA	00	9	00	0	0	0	—		22.9	35	0
DAKHLA	00	8	00	0	0	0	—	15.6	24.9	59	0
RED SEA: TÔR	00	7	28	2	0	0	—	13.0	24.2	76	0
HURGHÂDA	00	8	28	1	0	0	—	14	22	83	0
QUSEIR	00	8	30	2	0	0	—	14.3	24.7	70	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 26th — الرياح العليا يوم ٢٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 12 h. m.	KHARTÛM 13 h. m.	KASSALA h. m.	EL OBEID 13 h. m.	MALAKAL 13 h. m.	JUBA 13 h. m.
							06 35 20	06 04 40	06 02 20		06 36 30	06 11 10	06 05 25
							09 35 30	09 04 35	09 02 15		09 01 40	09 13 10	09 07 20
							15 35 35	15 05 10	15 01 25		15 05 60	15 17 20	15 09 15
							21 35 35	21 06 15			21 07 55	24 04 30	21 09 15
							24 33 20	24 07 20			30 09 15	30 03 40	24 11 10
							30 32 30	30 09 10				33 03 50	27 11 10
							33 32 30	33 09 05				39 03 70	
							39 34 35	39 17 05					
							46 25 30						

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 26th	HUMIDITY Diff from normal	WET BULB TEMP °C on 26th	WET BULB TEMP Diff from normal
Alexandria	64	-4	17.2	-2.1
Ezbekiya	67	0	18.0	-0.3
Giza	56	-13	17.8	-0.4
Helwân	54	0	16.9	0.0

GÎZA — GRASS MINIMUM TEMP. ON 27th 8.8 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27-10-47				
Nâsser				11.03	+0.45
Malakâl		12.43	+0.11	12.43	+0.11
J. Aulia Res.		377.00	—	377.04	—
J. Aulia D.S		373.00	-0.44	373.07	-0.43
Roseires		15.30	+0.17	15.36	+0.16
Sennar Res.		17.50	—	17.50	—
Khartûm		12.74	-0.56	12.78	-0.58
Kh. el Girba					
'Atbara		12.19	-0.29	12.25	-0.28
Kajnarti		137.66	-0.58	137.83	-0.52
Aswân Res.		113.60	—	113.08	—
Aswân D.S		87.50	-1.93	87.65	-1.90
Roda (Cairo)		17.74	-0.66	17.82	-0.67

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	27-10	2583	3562
	26-10	2710	3665

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on MONDAY 27th — الساعة ٨ يوم الاثنين ٢٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff from normal mbs.	TEMP. Dry Bulb °C ttt	MAXIMUM Yester day °C mm	MAXIMUM Diff. from norm °C	MINIMUM Today °C mm	MINIMUM Diff from norm °C	% HUMIDITY uu	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct 1 mms	RAINFALL Norm From Oct 1 mms
MEDITERRANEAN: SALÛM													—	—				
MATRÛH	00	9	16	2	0	0	—	16.7	-0.5	23.2	25	-1	15	-2	74	0	Rain	13
MARIUT	00	7	07	1	0	1	4	18		22	27	—	15	—	78	0	1	5
ALEXANDRIA	01	9	08	2	1	3	4	17.9	+0.6	22.0	28	+1	18	-1	69	0	27	5
DAMIETTA	00	8	04	2	0	0	—	17.0	+0.9	24.1	26	—	19	—	73	0	4	5
PORT SA'ÎD	00	7	04	4	0	0	—	17		25	26		23		74	0	1	2
EL 'ARÎSH	00	9	16	1	0	0	—	16.7	+0.9	19.9	26	-1	19	+3	79	0	du.	3
LOWER EGYPT: DAMANHÛR	00	7	04	2	0	0	—	17.8	+0.9	20.8	28	-1	16	0	80	0	tr.	3
MANSÛRA	00	8	02	1	0	0	—	17.9	+1.5	22.5	29	0	17	0	77	0	6	2
TANTA	00	8	00	0	0	0	—	17.9	+0.9	21.6	29	0	13	-2	86	0	du.	2
ZAGAZIG	00	6	32	2	0	0	—	17.5	+0.6	22.4	29	0	15	0	81	0	du.	1
SHEBÎN EL KÔM	00	8	04	1	0	0	—	17.8	+0.9	20.6	30	—	15	—	87	0	0	—
MIDDLE EGYPT: CAIRO ALMAZA	00	7	30	1	0	0	—	17.2		20.0	29	—	17	—	74	0	0	—
CAIRO EZBEKÎYA	09	5	28	1	0	0	—	17.4	+0.7	18.8	30	+1	16	-1	81	0	0	1
CAIRO GÎZA	09	5	28	1	0	0	—	16.7	-0.2	20.3	29	+1	13	-1	79	0	du.	2
HELWÂN	05	6	04	2	0	0	—	17.1	+0.2	22.4	29	0	18	+1	71	0	0	1
SUEZ	00	9	02	1	0	0	—			21.9	31	+1	19	+1	52	0	du.	1
UPPER EGYPT: FAIYÛM	00	8	00	0	0	0	—	17.1	+0.7	21.7	30	0	15	-1	62	0	2	0
MINYA	00	9	32	2	0	0	—	17.4	+1.0	20.8	28	-1	17	+1	70	0	0	—
ASYÛT	00	7	22	1	0	0	—	17.0	+1.2	21.3	29	0	16	0	65	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	16.6	+1.7	23.6	30	—	13	—	59	0	0	—
QENA	00	7	24	2	0	0	—	15.9	+1.6	20.0	32	-1	17	0	68	0	0	—
LUXOR	00	9	06	2	0	0	—	15.9	+1.4	22.0	32	-3	15	-1	52	0	0	—
ASWÂN	00	9	00	0	0	0	—	14.8	+1.0	24.0	34	-1	17	-3	36	0	0	—
WESTERN DESERT: SÎWA	00	7	08	2	0	0	—	15.8	-2.3	19.0	29	-2	15	+2	63	0	0	0
BAHARÎYA	00	8	16	1	0	0	—	16.7	-0.5	19.0	30	+1	13	-2	70	0	0	0
KHÂRGA	00	9	00	0	0	0	—			22.1	30	-3	12	-5	48	0	0	—
DAKHLA	00	8	00	0	0	0	—	16.6	+0.4	23.7	30	-2	13	-4	61	0	0	—
RED SEA: TÔR	00	7	04	1	0	0	—	16.6	+2.0	20.1			15	-2	48	0	0	0
HURGHÂDA	00	9	27	2	0	0	—	15		24	27		19		34	0	0	0
QUSEIR	00	8	28	2	0	0	—	15.8	+1.8	26.3	28	-2	20	-2	41	0	0	0
PORT SÛDÂN	01	8	32	2	1	4	8,4	13		30			25		46	0	0	11
NORTH SÛDÂN: WÂDI HALFA																0	0	—
KAREIMA	00	8	04	4	0	0	—	14		26					21	0	0	1
'ATBARA	14	7	04	4	0	0	—	12		26					27	0	0	1
KHARTÛM	01	8	02	4	1	4	4	11		28			24		70	0	du.	3
KASSALA	00	8	08	3	0	0	—	8		32					43	0	du.	7
CENTRAL SÛDÂN: WAD MEDANI	00	8	32	3	0	0	—	10		28					29	0	7	9
RENK											—		—			—	—	38
ROSEIRES	01	8	16	1	0	3	1	10		25					79	0	33	25
EL OBEID	01	9	32	4	1	4	4	11		28					14	0	1	13
EL FÂSHER	00	8	32	1	0	0	—	—	—	22			16		27	0	0	6
GENEINA	01	8	04	2	0	4	4	—	—	20	—		16	—	35	0	—	4
KADUGLI	00	8	28	3	0	0	—	11		27	—			—	28	—	—	80
S. SÛDÂN: MALAKÂL	00	8	00	0	1	3	4	10		26			21		84	0	31	71
WÂU																0	29	113
JUBA																0	18	83

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD 6 h. m.	KAREIMA h. m.	KHARTÛM h. m.
03 14 50									06 36 65		
06 15 50									09 36 55		
09 17 30									15 02 20		
12 17 30									21 27 05		
15 12 30									39 23 40		
18 15 05									45 22 05		
21 31 10											
24 26 15											

KASSALA 7 h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL h. m.
	06 05 25	06 03 30			
09 09 25	09 07 30	09 03 70	09 04 35		
15 11 20	15 12 20	12 04 90	15 06 35		
21 11 20	21 14 35	15 04 70	21 02 05		
30 02 20	30 - -	21 01 10	30 03 05		
39 04 10	39 20 15	30 02 20	39 21 10		
45 03 05		39 24 15	45 26 10		
57 01 05			63 34 05		

UPPER AIR TEMP. ALMÂZA — AT GMT ON

HEIGHT FEET	P.P.P mb.	T.T °F	t.t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 27th

34850 00911 20202 15180 92010
34700 00890 00000 19160 70501

ANNUAL SUBSCRIPTION PT 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 06h 25m
Sunset 17h 13m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month OCTOBER 1947 — شهر أكتوبر ١٩٤٧

At 14h. on MONDAY 27th — الساعة ١٤ يوم الاثنين ٢٧

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (w)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	14	2	0	0	—	14.6	27.8	20	0
MARIUT	00	7	05	2	0	1	1	15	28	48	0
ALEXANDRIA	00	7	06	4	0	0	—	15.5	25.8	67	0
DAMIETTA	00	8	04	3	0	0	—	15.4	25	71	0
PORT SA'ÎD	00	7	05	4	0	0	—	16	26	74	0
EL 'ARÎSH	05	7	30	4	0	0	—	15.1	26.5	55	0
LOWER EGYPT											
DAMANHÛR	00	7	04	3	0	0	—		26.6	40	0
MANSÛRA	00	8	04	1	0	0	—	15.6	31.0	37	0
TANTA	01	8	20	1	1	4	8	15.2	30.0	36	0
ZAGAZIG	00	6	32	2	0	0	—	16.2	27.4	42	0
SHEBÎN EL KÔM	00	8	02	3	0	0	—		30.7	40	0
MIDDLE EGYPT — CAIRO											
ALMÂZA	00	8	02	2	0	0	—	14.2	30.4	41	0
EZBEKÎYA	00	8	30	1	0	0	—	14.7	30.7	38	0
GÎZA	00	8	30	1	0	0	—	15.1	30.3	38	0
ḤELWÂN	00	8	32	3	0	0	—	14.2	31.2	24	0
SUEZ	00	9	00	0	0	0	—		30.2	28	0
UPPER EGYPT											
FAIYÛM	00	9	00	0	0	0	—	14.3	31.0	23	0
MINYA	00	9	24	2	0	0	—	14.6	30.8	30	0
ASYÛT	00	8	22	1	0	0	—	14.3	30.0	53	0
NAG' ḤAMÂDI	00	8						13.2	30.6	47	0
QENA	00	9	24	2	0	0	—	12.6	32.0	39	0
LUXOR	00	8	02	2	0	0	—	13.1	31.4	30	0
ASWÂN	00	9	00	0	0	0	—	13.0	30.0	25	0
WESTERN DESERT											
SÎWA	00	8	12	4	0	0	—	13.2	33.0	39	0
BAḤARÎYA	00	8	32	1	0	0	—	14.7	31.5	25	0
KHÂRGA	00	9	00	0	0	0	—		31.1	18	0
DAKHLA	00	9	00	0	0	0	—	14.2	32.0	54	0
RED SEA											
ṬÛR	00	7	28	2	0	0	—	13.9	27.8	66	0
HURGHÂDA											
QUSEIR	00	8	32	2	0	0	—	13.5	26.2	46	0
PORT SÛDÂN	01	8	04	3	1	3	8,4	11	32	50	
NORTH SÛDÂN											
WÂDI ḤALFA	00	7	02	3	0	0	—	12	31	15	
KAREIMA	00	9	02	4	0	0	—	10	34	15	
'ATBARA	00	9	28	3	0	0	—	07	35	18	
KHARTÛM	01	7	30	4	1	3	4	7	36	33	
KASSALA	00	8	08	1	0	0	—		39	21	
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES	00	8	16	1	0	0	—	5	37	33	
EL OBEID	01	8	30	5	0	3	4	6	35	10	
EL FÂSHER	00	8	32	4	0	0	—	—	34	14	—
GENEINA	00	8	04	3	1	0	—	—	36	13	—
KADUGLI	01	8	04	3	1	3	1	6	36	20	
S. SÛDÂN											
MALAKÂL											
WÂU	01	8	28	1	0	4	8	5	34	36	
JUBA	01	8	02	2	1	3	8,4	4	37	31	

At 20h. on 27th — الساعة ٢٠ يوم الاثنين ٢٧

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (w)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 h. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	15	2	0	0	—	15.0	22.5	95	0	131
MARIUT	00	7	04	1	0	0	—	16	20	88	0	150
ALEXANDRIA	00	6	08	2	0	0	—	16.7	22.0	82	0	132
DAMIETTA	04	4	28	1	4	0	—	15.8	22.1	83	0	159
PORT SA'ÎD	00	7	04	3	0	0	—	16	24	79	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	15.4	23.4	96	0	135
LOWER EGYPT												
DAMANHÛR	00	7	22	3	0	0	—	16.3	20.0	81	0	136
MANSÛRA	00	6	32	1	0	0	—	16.2	22.3	80	0	137
TANTA	01	8	00	0	1	4	8	15.8	20.0	88	0	138
ZAGAZIG	00	6	32	2	0	0	—	15.9	20.2	84	0	139
SHEBÎN EL KÔM	00	7	02	2	0	0	—		22.1	68	0	—
MIDDLE EGYPT — CAIRO												
ALMÂZA	00	7	04	2	0	0	—	15.6	24.8	56	0	141
EZBEKÎYA	00	7	00	0	0	0	—	16.0	23.8	60	0	—
GÎZA	00	7	00	0	0	0	—	16.3	24.0	57	0	—
ḤELWÂN	00	7	02	4	0	0	—	15.4	25.1	42	0	143
SUEZ												144
UPPER EGYPT												
FAIYÛM	00	8	02	2	0	0	—	15.2	20.0	70	0	153
MINYA	00	9	32	2	0	0	—	16.0	22.0	58	0	154
ASYÛT	00	6	20	1	0	0	—	15.6	22.0	63	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	14.7	19.3	63	0	164
QENA	00	6	24	1	0	0	—	13.9	23.2	49	0	156
LUXOR	00	8	22	2	0	0	—	13.6	22.0	58	0	157
ASWÂN	00	9	32	2	0	0	—	14.2	27.0	20	0	158
WESTERN DESERT												
SÎWA	00		00	0	0	0	—	13.5	22.2	50	0	148
BAḤARÎYA	00	7	00	0	0	0	—	13.9	22.5	41	0	149
KHÂRGA	00	9	00	0	0	0	—		24.1	23	0	151
DAKHLA	00	8	00	0	0	0	—	13.9	24.7	59	0	152
RED SEA												
ṬÛR	00	7	04	2	0	0	—	14.3	22.2	58	0	145
HURGHÂDA												146
QUSEIR	00	8	32	2	0	0	—	14.3	25.0	73	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI ḤALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 12 h. 30 m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12 h. 30 m.	KHARTÛM h. m.	KASSALA 13 h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA 13 h. m.
		06 15 25						09 01 20		09 01 10			06 10 15
		09 15 20						15 35 10		15 05 10			09 10 15
		12 14 05						21 25 10		21 07 10			15 09 25
		15 14 15						30 25 20		24 13 05			21 09 25
		18 14 20											30 07 10
		21 15 30											39 08 25
		24 16 40											45 05 20
		27 17 10											60 09 20

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time.

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	28-10	2437	3465
	27-10	2583	3562

STATION	Mean of day: Humidity % on 27th	Humidity Diff from normal	Wet Bulb Temp °C on 27th	Wet Bulb Temp Diff from normal
Alexandria	74	+6	20.0	+0.8
Ezbekiya	66	-1	18.8	+0.6
Giza	62	-7	19.1	+1.0
Helwân	50	-4	18.3	+1.5
GIZA	GRASS MINIMUM TEMP. ON 28th 9.4 °C			
CAIRO	WATER TEMP AT 8h. RIVER NILE ON .. °C			

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	27-10-47				
Nasser					
Malakâl				12.43	+0.11
J. Aulia Res.				377.00	—
J. Aulia D.S				373.00	-0.44
Roseires				15.30	+0.17
Sennar Res.				17.50	—
Khartûm				12.74	-0.56
Kh. el Girba					
'Atbara				12.19	-0.29
Kajnarti				137.66	-0.58
Aswân Res.		114.10	—	113.60	—
Aswân D.S		87.35	-1.95	87.50	-1.93
Roda (Cairo)		17.65	-0.70	17.74	-0.66

Printed by the Survey of Egypt, 1945 (45/306)

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)	Car Pressure M.S.L. 1000+ mbs. (PPP)	Car Pressure Diff from normal mbs.	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff from norm °C	Minimum Today °C (mm)	Minimum Diff from norm °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	00	8	15	3	0	0	—	14.4	-2.8	22.3	30	+4	18	+1	38	0	Rain	13
MARIUT	00	7	00	0	0	0	—	17		20		—	14	—	94	0	1	5
ALEXANDRIA	00	7	12	3	0	0	—	17.1	-0.3	20.9	30	+3	18	-1	86	0	27	5
DAMIETTA	04	5	04	1	0	0	—	16.4	+0.3	24.0	27	—	18	—	90	0	4	5
PORT SA'ÎD	05	6	06	1	0	0	—	17		25	27		23		84	0	1	2
EL 'ARÎSH	00	9	16	2	0	0	—	17.4	+1.6	20.7	32	+5	15	-1	65	0	dr.	3
LOWER EGYPT																		
DAMANHÛR	43	5	12	3	4	0	—	16.7	-0.3	20.3	30	+1	17	+1	94	0	tr.	3
MANSÛRA	00	8	04	1	0	0	—	17.0	+0.6	22.0	32	+3	18	+1	87	0	6	2
TANTA	02	7	20	1	1	5	8	17.6	+0.5	17.3	31	+2	13	-2	97	0	dr.	2
ZAGAZIG	04	6	32	2	4	0	—	17.5	+0.6	18.1	31	+2	15	0	97	0	dr.	1
SHEBÎN EL KÔM	08	5	08	1	4	9	0	17.4	+0.5	17.8	32	—	15	—	90	0	0	—
MIDDLE EGYPT — CAIRO																		
ALMAZA	00	7	06	1	0	0	—	16.6	-0.1	22.8	31	—	17	—	66	0	0	—
EZBEKÎYA	05	5	30	1	0	0	—	17.0	+0.3	19.8	32	+3	16	0	76	0	0	1
GÎZA	05	5	30	1	0	0	—	17.2	+0.3	19.9	31	+3	13	-1	81	0	dr.	2
ḤELWÂN	05	6	00	0	0	0	—	17.1	+0.2	20.9	32	+4	18	+1	47	0	0	1
SUEZ	08	4	02	1	4	8	5			19.6	33	+3	17	-1	97	0	dr.	1
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	17.2	+0.7	20.7	33	+3	15	-1	63	0	2	0
MINYA	00	9	32	2	0	0	—	16.6	+0.2	21.8	31	+2	18	+2	67	0	0	—
ASYÛT	00	7	00	0	0	0	—	16.6	+0.7	22.5	31	+2	15	-1	43	0	0	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	16.8	+1.9	21.7	33	—	12	—	57	0	0	—
QENA	00	7	32	2	0	0	—	16.3	+2.0	19.7	35	+2	16	-1	47	0	0	—
LUXOR	00	9	06	2	0	0	—	16.2	+1.6	22.0	33	-1	14	-2	50	0	0	—
ASWÂN	00	9	00	0	0	0	—	16.3	+2.4	22.0	32	-3	18	-2	42	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	15.2	-3.0	19.2	33	+3	15	+2	61	0	0	0
BAḤARÎYA	01	8	00	0	1	4	8	15.4	-1.9	25.5	33	+4	13	-1	40	0	0	0
KHÂRGA	00	9	00	0	0	0	—			24.1	33	0	13	-4	69	0	0	—
DAKHLA	00	8	00	0	0	0	—	15.9	-0.4	18.3	33	+1	14	-2	68	0	0	—
RED SEA																		
ṬÛR	00	7	04	2	0	0	—	15.8	+1.1	19.8			15	-2	66	0	0	0
HURGHÂDA	00	7	31	4	0	0	—	16		25					51	0	0	0
QUSEIR	00	8	30	2	0	0	—	15.5	+1.4	26.2	29	-1	20	-2	37	0	0	0
PORT SÛDÂN	01	8	30	3	8	5	6	13		29			27		66	dr.	dr.	11
NORTH SÛDÂN																		
WÂDI ḤALFA	00	7	00	0	0	0	—	16		19			12		40	0	0	—
KAREIMA	00	9	06	4	0	0	—	13		25			20		17	0	0	1
'ATBARA	00	8	04	2	0	0	—	11		26			23		28	0	0	1
KHARTÛM	00	8	02	3	0	1	4	11		27			23		37	0	dr.	3
KASSALA	00	8	08	1	0	1	4	8		32			25		41	0	dr.	7
CENTRAL SÛDÂN																		
WAD MEDANI	02	9	32	2	1	7	5	11		26					32	0	7	9
RENK												—		—		—	—	39
ROSEIRES	00	8	16	1	0	0	—	11		23					84	0	33	26
EL OBEID	00	9	30	3	0	1	4	12		25			19		14	0	1	14
EL FÂSHER	00	8	32	2	0	0	—	—	—	21			14		20	0	0	6
GENEINA								—	—			—		—		0	—	4
KADUGLI												—		—		—	—	81
S. SÛDÂN																		
MALAKÂL																0	31	72
WÂU																15	44	116
JUBA																0	18	86

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 6 h. 30 m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8 h. 30 m.	MINYA h. m.	ASYÛT 7 h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM 6 h. 30 m.
06 17 65			02 12 05		02 11 05			06 03 35			06 01 40
09 17 20			05 08 25		05 09 05			09 03 30			09 02 50
12 17 30			10 06 05					15 05 15			15 02 25
15 17 35			15 11 15					21 14 05			21 32 15
			20 14 20					24 17 15			24 32 15
			25 02 05					33 02 15			27 35 10
			30 04 20								30 18 15
			35 02 15								33 15 15
			40 02 05								39 15 20

KASSALA 7 h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. 15 m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL 7 h. m.
06 4 20	09 02 45	09 02 20			09 02 30
09 12 35	15 04 25	15 05 60			15 02 35
15 13 15	21 07 10	21 02 15			21 02 30
21 08 10	24 09 10	24 35 05			24 05 05
24 07 15	27 09 05	30 31 15			30 07 05
30 09 20	30 03 05	33 32 30			33 06 05
33 05 30	33 22 05	39 29 20			39 07 15
39 07 05	39 18 05	45 29 25			
	45 21 05				

CYPRUS SYNOPTIC 8h ON 28th

34803 01991 14303 19191 32202 00140
34700 01990 28103 18170 90005 00140

UPPER AIR TEMP ALMAZA

AT	G.M.T. ON		
HEIGHT FEET	P.P.P. mb.	T.T. °C	t.t. °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at:	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 6 m. 6
Sunset h. 17 m. 11

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month October 1947 — شهر اكتوبر ١٩٤٧

At 14h. on Tuesday 28th — الساعة ١٤ 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 PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	16	1	0	0	–	14.6	32.9	44	0	131
MARIUT	02	7	29	2	0	6	2	16	27	70	0	150
ALEXANDRIA	03	9	04	2	1	8	5	15.5	26.0	76	0	132
DAMIETTA	00	6	10	3	0	0	–	15.4	27.9	71	0	159
PORT SA'ÎD	00	7	07	2	0	0	–	16	26	79	0	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	00	7	12	3	0	0	–	15.8	30.7	40	0	136
MANSÛRA	00	8	03	1	0	0	–	15.4	33.8	35	0	137
TANTA	00	8	00	0	1	0	–	15.5	32.0	53	0	138
ZAGAZIG	00	6	32	2	0	0	–	15.2	30.6	37	0	139
SHEBÎN EL KÔM	00	8	12	3	0	0	–	15.1	32.3	38	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	24	3	0	4	1	14	33	30	0	141
CAIRO EZBEKÎYA	01	8	04	3	0	4	3	14.4	32.7	21	0	
CAIRO GÎZA	01	8	28	2	1	4	1	14.2	32.1	27	0	
HELWÂN	01	7	26	3	1	4	1	14.3	31.0	25	0	143
SUEZ	00	9	00	0	0	0	–		31.3	27	0	144
UPPER EGYPT												
FAIYÛM	01	8	00	0	1	4	3	14.4	31.5	19	0	153
MINYA	01	8	24	2	1	4	2	14.2	33.4	31	0	154
ASYÛT	00	8	22	1	0	0	–	14.2	31.8	29	0	155
NAG' HAMÂDI	00	8	00	0	0	0	–	13.4	31.4	24	0	164
QENA	00	9	18	2	0	0	–	13.1	33.2	33	0	156
LUXOR	00	9	30	2	0	0	–	13.6	34.0	19	0	157
ASWÂN	00	9	00	0	0	0	–	12.0	34.3	13	0	158
WESTERN DESERT												
SÎWA	02	8	20	3	2	8	5	14.3	34.8	42	0	148
BAHARÎYA	01	8	16	1	1	4	8	13.9	33.0	23	0	149
KHÂRGA	00	9	00	0	0	0	–	–	32.9	16	0	151
DAKHLA	01	9	00	0	1	4	5	13.4	33.0	53	0	152
RED SEA												
TÛR	00	7	28	3	0	0	–		28.9	60	0	145
HURGHÂDA												146
QUSEIR	00	8	02	2	0	0	–		28.0	69	0	147
PORT SÛDÂN	22	8	02	1	9	4	8,5	12	29	59		208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA	00	9	04	2	0	0	–	9	35	20		166
'ATBARA	00	8	32	2	0	2	8,1	6	37	24		167
KHARTÛM	00	8	32	2	0	2	4	7	37	33		209
KASSALA	01	8	00	0	1	3	4	4	–	–		170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID	00	9	32	3	0	3	4	5	35	10		174
EL FÂSHER	00	8	32	2	0	0	–	—	33	12		175
GENEINA	00	8	04	3	0	0	–	—	36	13		179
KADUGLI												187
S. SÛDÂN												
MALAKÂL	00	8	06	2	1	3	8,1	6	35	29		176
WÂU												177
JUBA												178

At 20h. on 28th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. ppp	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	12	2	0	5	8	15.6	23.3	90	0
MARIUT	02	7	03	1	2	7	2	17	22	95	0
ALEXANDRIA	02	6	04	4	2	5	6	17.4	24.0	91	0
DAMIETTA	01	5	04	1	1	5	2	16.3	23.2	78	0
PORT SA'ÎD	05	6	05	3	2	7	2	17	25	84	0
EL 'ARÎSH	00	9	28	3	0	0	–	15.2	23.8	94	0
LOWER EGYPT											
DAMANHÛR	02	6	04	3	1	8	1	16.2	22.0	72	0
MANSÛRA	01	6	02	1	1	3	6	17.1	23.8	77	0
TANTA	01	8	00	0	1	4	8	17.2	22.0	81	0
ZAGAZIG	00	6	32	2	0	0	–	16.3	23.6	66	0
SHEBÎN EL KÔM	01	7	04	1	1	4	5	16.0	24.0	62	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	7	06	2	1	4	3	16.1	22.2	46	0
CAIRO EZBEKÎYA	01	7	06	2	1	4	3	16.2	23.5	59	0
CAIRO GÎZA	01	7	30	2	1	4	1	15.9	23.4	62	0
HELWÂN	02	6	00	0	2	7	2	15.9	27.0	24	0
SUEZ	08	4	00	0	4	0	–	–			0
UPPER EGYPT											
FAIYÛM	01	8	30	1	1	5	3	15.8	22.1	55	0
MINYA	01	8	16	2	1	5	5	15.0	23.0	38	0
ASYÛT											0
NAG' HAMÂDI	00	8	00	0	0	0	–	15.4	24.4	58	0
QENA	00	6	18	2	0	0	–	14.6	23.2	38	0
LUXOR	00	8	22	2	0	0	–	14.0	22.0	63	0
ASWÂN	00	9	00	0	0	0	–	13.8	30.0	16	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	–	15.9	23.2	58	0
BAHARÎYA	00	7	00	0	2	6	8	15.0	23.0	38	0
KHÂRGA	00	9	00	0	0	0	–	–	23.1	60	0
DAKHLA	01	8	00	0	1	4	5	13.1	24.7	58	0
RED SEA											
TÛR	00	7	16	1	0	0	–		23.5	61	0
HURGHÂDA	00	8	21	2	0	2	–	15	23	57	
QUSEIR	00	8	02	2	0	0	–	15.1	24.3	80	0
PORT SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
								12h 45m		13h	13h		
								09 05 35		09 24 05	09 02 10		
								15 05 25		15 15 10	15 26 15		
								21 04 20		21 13 15	20 31 10		
								30 07 20		29 05 10	33 30 05		
								39 24 25		45 31 05	39 21 15		
								45 22 40		60 29 15	45 17 15		
								60 08 20		66 29 20			
										69 06 10			
										75 12 10			

At 8h. on Wednesday 29 — الساعة ٨ يوم الاربعاء ٢٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. ppp	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	Diff. from norm °C	MINIMUM Today °C mm	Diff from norm °C	% HUMIDITY UU	PAINFALL Past 24 hrs. mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				3
MATRÛH	00	9	00	0	0	0	–	16.7	-0.5	24.7	33	+7	19	+2	37	0	R	14
MARIUT	45	1	00	0	4	3	1	16		21	27	—	18	—	95	0	1	5
ALEXANDRIA	00	7	04	2	0	0	–	16.6	-0.8	23.4	26	-1	20	+1	83	0	27	5
DAMIETTA	01	5	04	1	1	5	6	16.0	-0.2	24.9	30	—	21	—	83	0	4	5
PORT SA'ÎD	02	7	04	2	1	5	4	17		25	28		23		94	0	1	2
EL 'ARÎSH	03	9	12	2	2	8	6	16.4	+0.5	20.9	33	+6	16	0	73	0	dr	3
LOWER EGYPT																		
DAMANHÛR	43	5	08	2	4	3	1	16.8	-0.3	20.0	32	+3	17	+1	91	0	4	3
MANSÛRA	01	8	02	1	1	4	6	16.7	+0.3	23.2	34	+5	18	+2	83	0	6	2
TANTA	01	8	00	0	1	4	8	16.8	-0.3	19.6	32	+3	15	0	94	0	dr	2
ZAGAZIG	02	6	32	2	2	5	8	16.6	-0.3	20.0	31	+2	18	+3	83	0	dr	1
SHEBÎN EL KÔM	01	8	04	1	0	3	4	16.8	-0.2	21.1	33	—	17	—	88	0	0	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	00	0	1	5		16.4	-0.4	19.3	34	—	18	—	69	0	0	—
CAIRO EZBEKÎYA	05	6	28	1	1	4	3	16.6	-0.2	20.7	34	+6	18	+2	74	0	0	1
CAIRO GÎZA	05	6	00	0	1	4	1	17.0	0.0	22.2	33	+5	16	+2	75	0	dr	2
HELWÂN	05	5	00	0	2	5	1	16.4	-0.6	21.4	32	+4	19	+2	46	0	0	1
SUEZ	00	9	00	0	1	0	–			23.1	34	+4	17	-1	53	0	dr	1
UPPER EGYPT																		
FAIYÛM	01	8	00	0	1	4	3	16.8	+0.3	22.7	33	+3	16	0	44	0	2	0
MINYA	00	9	32	2	1	0	–	16.6	+0.2	20.8	34	+5	18	+2	70	0	0	—
ASYÛT	00	7	12	1	0	0	–	17.1	+1.1	23.5	33	+4	17	+1	42	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	–	17.5	+2.5	20.7		—		—	61	0	0	—
QENA	01	7	02	2	1	4	3	17.1	+2.7	20.2	35	+2	16	0	56	0	0	—
LUXOR	01	9	30	2	1	4	3	17.0	+2.4	20.5	35	+1	13	-3	52	0	0	—
ASWÂN	00	9	32	1	0	0	–	16.2	+2.2	22.7	35	0	18	-2	39	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	16.4	-1.8	19.0	35	+5	13	0	63	0	0	0
BAHARÎYA	00	8	00	0	0	0	–	15.6	-1.7	22.8	34	+5	12	-2	32	0	0	0
KHÂRGA	00	9	00	0	0	0	–	–	–	23.2	34	+2	15	-2	44	0	0	—
DÂKHLA	01	8	00	0	1	4	5	17.2	+0.8	18.0	34	+2	14	-2	68	0	0	—
RED SEA																		
TÛR	00	7	04	3	0	0	–	15.6	+0.9	21.7	29	+1	15	-2	59	0	0	0
HURGHÂDA	00	8	29	2	0	0	–	16		24	29		16		50	0	0	0
QUSEIR	00	8	28	1	0	0	–	16.4	+2.2	25.0	29	0	19	-3	42	0	0	0
PORT SÛDÂN	22	9						14		29			26		79	4	4	12
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	–	15		22			15		16	0	0	—
KAREIMA	00	9	08	3	0	0	–	13		27			24		37	0	0	1
'ATBARA	00	7	08	3	0	2	4	11		28			25		49	0	0	1
KHARTÛM	01	8	32	3	0	4	4	10		28			26		55	0	dr	3
KASSALA	00	8	32	1	0	0	–	9		32			25		28	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	32	1	1	4	4	9		29					49	0	7	10
RENK												—		—		—	—	41
ROSEIRES	00	8	20	4	0	0	–	10		25					79	0	33	27
EL OBEID	00	9	30	3	1	1	4	12		26			21		11	0	1	14
EL FÂSHER	00	8	00	0	0	0	–	—	—	19			14		32	0	0	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	00	8	20	1	0	0	–	12		24		—		—		—	—	81
S. SÛDÂN																		
MALAKÂL	01	9	02	1	1	4	4	11		26			22		70	22	53	73
WÂU																	44	119
JUBA	00	8	28	2	0	0	–	11		28			21		58	0	18	89

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
7h.			8h. 30m.		7h.		7h.	7h.	7h.	7h.	6h. 15m.
03 16 30			02 14 02		02 05 10		02 03 10	09 03 30	09 08 30	09 11 25	09 01 05
06 19 15			05 08 10		05 10 10		05 09 25	15 10 20	15 11 20	15 12 20	15 08 05
09 19 20			08 07 05		10 03 05		10 08 20	21 11 15	21 11 25	21 17 25	21 08 05
12 25 15			10 12 02		15 12 02		15 08 05	24 11 20	24 12 30	30 23 30	24 06 05
15 26 15			15 30 02				20 24 15	30 11 20	30 21 25	33 23 35	27 05 10
18 28 15			20 19 05				25 32 40	33 22 25	33 22 30	39 24 35	33 04 20
21 28 15			23 18 05				30 15 20	39 23 05	39 24 30	45 25 05	
24 22 10			30 22 20				35 15 15	45 11 05		54 05 02	
27 25 10			00 26 25				41 09 30	54 21 15		60 29 05	

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
6h. 45m.	7h. 30m.	7h. 15m.	7h.		7h.
09 04 20	03 09 10	09 02 45	09 33 35		09 34 20
15 13 05	09 11 20	15 06 20	15 04 35		15 36 10
21 13 05	15 11 20	21 30 05	21 04 25		21 02 15
24 11 10		24 15 10	24 02 10		24 02 15
30 05 05		27 15 10	30 18 15		30 03 20
33 06 05		30 16 05	33 20 15		33 02 20
39 05 10		33 19 05	39 26 10		39 04 15
45 04 30		39 21 10	45 28 20		
51 04 35					

CYPRUS SYNOPT C 8h ON 29th

34702 02998 04338 18241 20406 00150
34800 02990 14223 19201 60403 00160

UPPER AIR TEMP ALMÂZA — AT GMT ON

HEIGHT FEET	P.P.P. mb	T.T. °F	t.t. °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswan measured by sluices m³ per sec	DATE	1947	1946
	29.10	2333	3355
	28.10	2437	3465

STATION	Mean of day HUMIDITY % on 28th	Diff from normal	WET BULB TEMP °C on 28th	Diff from normal	Previous day Reading	Diff from normal
Alexandria	87	+19	21.8	+2.6		
Ezbekiya	62	-5	18.1	0.0		
Giza	66	-3	18.8	+0.8		
Helwân	30	-24	16.3	-0.4		
GÎZA	GRASS MINIMUM TEMP ON 29th 11.2 °C					
CAIRO	WATER TEMP RIVER NILE ON	AT 9h. °C				

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m	Diff from normal m.
Jûba	29/10	13.73	+0.01	13.74	+0.02
Nâsser		11.03	+0.44	11.03	+0.44
Malakâl		12.43	+0.11	12.43	+0.11
J. Aulia Res.		377.16	–	377.06	–
J. Aulia D.S		372.86	-0.47	373.91	-0.47
Roseires		15.20	+0.22	15.24	+0.19
Sennar Res.		17.50	–	17.49	–
Khartûm		12.62	-0.54	12.68	-0.54
Kh. el Girba					
'Atbara		12.06	-0.28	12.12	-0.25
Kajnarti		137.34	-0.66	137.49	-0.64
Aswân Res.		114.56	–	114.60	–
Aswân D.S		87.20	-1.98	87.35	-1.95
Roda (Cairo)		17.52	-0.28	17.65	-0.20

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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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with rain	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
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 01-36 e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

CAIRO Time of Sunrise 06 h. 06 m. Sunset 17 h. 11 m.

Month October 1947 — شهر اكتوبر ١٩٤٧

At 14h. on 29th (الساعة ١٤ يوم ٢٩) — At 20h. on Wednesday 29th (الساعة ٢٠ يوم الاربعاء 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 No.
Mediterranean																							
Salûm																							130
Matrûh	00	9	00	0	0	0	–	15.6	25.3	70	0	00	8	00	0	0	0	–	16.6	21.7	96	0	131
Mariut	00	7	30	2	0	0	–	15	28	66	0	08	4	03	1	0	0	–	16	22	94	0	150
Alexandria	00	8	04	2	0	0	–	15.9	27.4	67	0	00	5	06	2	0	0	–	16.7	24.0	88	0	162
Damietta	00	7	04	2	1	2	8	15.0	28.0	67	0	40	2	30	1	4	0	–	15.8	23.0	91	0	159
Port Saʿîd	00	8	32	2	0	2	4	15	27	74	0	00	7	01	3	0	0	–	16	25	84	0	134
El ʿArîsh	02	9	32	3	2	8	3	14.7	27.1	64	0	00	9	30	3	0	0	–	14.3	23.9	88	0	135
Lower Egypt																							
Damanhûr	00	7	28	2	1	0	–	15.5	31.3	38	0	00	7	04	2	0	0	–	16.7	22.0	72	0	136
Mansûra	01	8	02	1	1	3	8	15.0	32.5	27	0	00	6	32	1	1	0	–	16.7	22.6	86	0	137
Tanta	00	8	00	0	1	0	–	14.8	34.0	18	0	01	8	00	0	1	4	8	16.7	22.0	86	0	138
Zagazig	00	6	24	2	0	2	8	15.1	31.6	31	0	00	6	24	2	0	0	–	15.4	23.2	78	0	139
Shebîn el Kôm	01	8	28	2	1	3	4	15.5	33.8	26	0	00	7	02	2	0	0	–	16.4	23.7	61	0	—
Middle Egypt																							
Cairo: Almâza	00	7	29	2	0	0	–	14.0	32.1	38	0	00	7	04	3	0	0	–	15.8	21.3	45	0	141
Cairo: Ezbekîya	01	8	20	2	1	3	4	14.7	33.9	23	0	00	7	04	2	0	0	–	16.2	22.9	49	0	—
Cairo: Gîza	01	8	20	2	1	3	4	14.6	35.0	26	0	00	7	04	2	0	0	–	16.3	23.2	53	0	—
Helwân	05	7	00	0	0	1	1	14.4	32.8	18	0	00	7	32	3	0	0	–	15.9	26.8	23	0	143
Suez	01	9	00	0	1	3	3		29.2	36	0	00	9	08	1	0	0	–		21.6	59	0	144
Upper Egypt																							
Faiyûm	00	8	00	0	0	0	–	14.6	32.5	24	0	08	4	00	0	0	0	–	15.6	20.8	78	0	153
Minya	00	9	24	2	1	0	–	14.8	33.0	23	0	00	9	32	1	1	0	–	16.3	25.0?	47?	0	154
Asyût	00	8	12	1	0	0	–	14.8	30.0	41	0	00	6	26	1	0	0	–	16.2	21.6	61	0	155
Nagʿ Hamâdi	00	8	24	1	0	0	–	14.2	34.0	30	0	00	8	00	0	0	0	–	15.2	19.0	68	0	164
Qena	01	9	20	1	1	4		13.4	33.2	33	0	01	6	24	1	1	4	1	15.1	22.2	63	0	156
Luxor	01	9	32	2	1	3	3	13.1	32.0	26	0	00	8	02	2	0	0	–	14.3	22.0	50	0	157
Aswân	00	9	30	2	0	0	–	11.8	35.4	16	0	00	9	00	0	0	0	–	13.2	32.0?	19?	0	158
Western Desert																							
Sîwa	00	8	00	0	0	0	–	15.8	34.8	12	0	00		00	0	0	0	–	14.0	24.2	51	0	148
Baharîya	00	8	28	1	0	0	–	14.0	32.4	15	0	00	7	00	0	0	0	–	15.0	23.0	34	0	149
Khârga	00	9	00	0	0	0	–	–	33.9	19	0	00	9	00	0	0	0	–		26.2	18	0	151
Dâkhla	00	9	28	1	0	0	–	13.9	31.8	38	0	00	8	00	0	0	0	–		26.2	50	0	152
Red Sea																							
Tôr	00	7	28	2	0	0	–	15.5	28.9	64	0	00	7	00	0	0	0	–	14.0	22.8	50	0	145
Hurghâda	00	8	04	1	0	0	–	15	28	58	0	00	8	06	0	0	0	–	14	23	55	0	146
Quseir	01	8	04	2	1	4	3	15.0	28.9	53	0	01	8	02	2	2	3	4	15.0	25.3	66	0	147
Port Sûdân	00	8	08	3	8	1	8	12	33	65													208
North Sûdân																							
Wâdi Halfa	00	8	32	2	0	0	–	11	34	29													165
Kareima	00	8	06	3	0	3	8	8	37	24													166
ʿAtbara	00	7	08	3	0	1	4	6	38	14													167
Khartûm	01	8	28	2	1	5	7,4,1	6	38	33													209
Kassala	00	8	04	2	0	1	8	5	38	15													170
Central Sûdân																							
Wad Medani																							171
Renk																							182
Roseires																							172
El Obeid	00	9	28	3	0	2	4	5	37	18													174
El Fâsher								—												—			175
Geneina	00	8	04	2	0	0	–	—	35	18										—			179
Kadugli																							187
S. Sûdân																							
Malakâl																							176
Wâu																							177
Jûba																							178

Upper Winds on 29th (الرياح العليا يوم ٢٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Saʿîd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala	El Obeid	Malakal	Juba
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

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	84	+16	22.3	+3.2
Ezbekiya	56	-11	18.1	+0.1
Gîza	58	-11	19.4	+1.5
Helwân	28	-26	16.2	-0.3

Gîza — Grass minimum temp on 30th 10.4 °C

Cairo — Water temp, River Nile, at 9h. on °C

Discharges at Aswan measured by sluices m³ per sec.	Date	1947	1946
	30-10	2200	3260
	29-10	2333	3355

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	30-10	13.72	0.00	13.73	+0.01
Nâsser		11.03	+0.44	11.03	+0.44
Malakâl		12.43	+0.11	12.43	+0.11
J. Aulia Res.		377.18	–	377.15	–
J. Aulia D.S		372.80	-0.48	372.86	-0.47
Roseires		15.13	+0.20	15.20	+0.22
Sennar Res.		17.61	–	17.50	–
Khartûm		12.56	-0.52	12.62	-0.54
Kh. el Girba					
ʿAtbara		12.00	-0.28	12.06	-0.28
Kajnarti		137.19	-0.71	137.34	-0.66
Aswân Res.		115.01	–	114.56	
Aswân D.S		87.05	-2.00	87.20	-1.98
Roda (Cairo)		17.42	-0.79	17.52	-0.78

At 8h. on Thursday 30th (الساعة ٨ يوم الخميس 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.	Diff from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Diff from normal °C	Min. Today °C	Diff from normal °C	Humidity %	Rainfall mms	Rainfall mms	Rainfall mms
Mediterranean																		
Salûm												—		—				3
Matrûh	02	8	00	0	2	8	5	16.3	-0.9	20.1	26	0	17	0	80	0	R	14
Mariut											30	—					1	5
Alexandria	01	9	28	2	1	7	4	16.8	-0.7	22.2	29	+2	18	-1	94	0	27	5
Damietta	40	2	00	0	4	0	–	15.9	-0.3	20.9	31	—	16	—	96	0	4	5
Port Saʿîd											27						1	2
El ʿArîsh	00	9	24	2	0	2	6	14.7	-1.3	20.7	33	+6	15	-1	73	0	dr	3
Lower Egypt																		
Damanhûr	42	2	32	1	4	9	–	16.8	-0.3	18.7	33	+4	17	+1	100	0	tr	3
Mansûra	40	2	04	1	4	0	–	16.6	+0.1	19.0	34	+5	17	+1	95	0	6	2
Tanta	03	6	00	0	1	8	9	16.8	-0.4	18.8	34	+5	16	+1	100	0	dr	2
Zagazig	04	6	08	2	4	0	–	16.3	-0.7	18.4	34	+5	15	0	96	0	dr	1
Shebîn el Kôm	08	4	00	0	4	9	–	16.7	-0.3	18.0	36	—	16	—	96	0	0	—
Middle Egypt																		
Cairo: Almaza	01	6	00	0	0	4	4,5	16.2	-0.6	19.6	34	—	17	—	85	0	0	—
Cairo: Ezbekîya	08	4	00	0	4	4	4	16.4	-0.4	19.4	35	+6	17	+1	84	0	0	1
Cairo: Gîza	08	4	00	0	4	4	4	16.7	-0.3	17.7	36	+8	14	0	95	0	dr	2
Helwân	05	6	00	0	1	5	4	16.2	-0.8	20.8	34	+6	20	+3	46	0	0	1
Suez	01	9	32	1	1	3	5			22.2	32	+3	16	-2	55	0	dr	1
Upper Egypt																		
Faiyûm	01	8	00	0	1	3	3	16.8	+0.2	22.2	34	+4	16	0	46	0	2	0
Minya	00	9	32	2	0	0	–	17.1	+0.6	21.9	34	+6	18	+2	69	0	0	—
Asyût	00	7	00	0	0	0	–	16.3	+0.3	22.2	33	+4	15	-1	42	0	0	0
Nagʿ Hamâdi	00	8	00	0	0	0	–	15.9	+0.8	20.8		—		—	56	0	0	
Qena	00	7	32	1	0	0	–	16.2	+1.7	21.6	36	+3	17	+1	88	0	0	—
Luxor	00	9	06	2	0	0	–	15.6	+0.9	23.0	34	0	15	-1	38	0	0	—
Aswân	00	9	32	1	0	0	–	14.7	+0.7	25.3	37	+2	21	+2	39	0	0	
Western Desert																		
Sîwa	02	7	00	0	1	6	5	15.8	-2.4	18.0	35	+5	14	+1	53	0	0	0
Baharîya	00	8	00	0	0	0	–	16.8	-0.6	23.0	34	+5	13	-1	38	0	0	0
Khârga	00	9	00	0	0	0	–	–	–	24.7	35	+3	16	0	31	0	0	—
Dâkhla	00	8	00	0	0	0	–	16.2	-0.3	19.0	33	+1	12	-3	54	0	0	—
Red Sea																		
Tôr	00	7	04	2	0	0	–	15.0	+0.2	22.3			15	-2	40	0	0	0
Hurghâda																	0	0
Quseir	00	8	30	2	0	0	–	15.4	+1.1	26.6	31	+2	20	-2	37	0	0	0
Port Sûdân																dr	4	12
North Sûdân																		
Wâdi Halfa																0	0	—
Kareima	00	8	08	3	0	2	4	11		29			26		40	0	0	1
ʿAtbara	00	8	08	3	0	0	–	11		29			24		33	0	0	1
Khartûm	01	8	06	2	1	3	4	10		31			27		49	0	dr	3
Kassala	00	8	04	2	0	0	–	9		33			22		23	0	dr	8
Central Sûdân																		
Wad Medani	02	8	04	3	1	5	4	10		28					45	0	7	10
Renk												—		—		—	—	42
Roseires	00	8	20	1	1	0	–	11		23					94	0	33	28
El Obeid	00	8	30	2	1	2	4	10		28			22		16	0	1	15
El Fâsher	00	8	00	0	0	0	–	—	—	19			14		28	0	0	6
Geneina	00	8	02	2	0	3	2	—	—	22		—	15	—	19	=	=	4
Kadugli	00	8	28	2	0	0	–	9		24		—		—	89	—	=	82
S. Sûdân																		
Malakâl	00	8	02	1	1	2	4	11		27			22		70	0	53	74
Wâu	01	8	00	0	1	4	4,1	11		24			21		84	3	47	122
Jûba	05	7	04	3	0	1	1	11		27			21		66	0	18	92

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 6h. 30m.	Mariut	Port Saʿîd	Helwân 8h. 30m.	Minya	Asyût	Luxor	Aswân 7h.	Wâdi Halfa	Abu Hamad 6h. 45m.	Kareima 7h. 15m.	Khartûm
03 10 10			02 25 02				02 02 10		06 07 35	03 09 30	
06 13 10			05 02 05				05 07 20		09 09 40	06 11 35	
09 15 10			08 35 05				10 04 15		15 06 20	09 09 50	
12 15 10			10 34 10				15 11 10		21 05 25	15 11 30	
15 25 02			20 36 15				20 15 05		30 02 25	21 10 02	
18 26 20			30 34 20				25 20 15		39 02 35	30 22 10	
21 28 20			40 23 20				30 20 15		45 02 15	39 24 10	
24 26 20			50 21 25				35 21 05		48 02 40	45 25 30	
30 24 20			60 21 35				40 22 25				

Kassala 6h. 30m.	Port Sûdân	El Obeid 7h. 15m.	El Fâsher 7h.	Geneina 7h. 15m.	Malakal
06 09 20		06 36 20	09 35 15	09 06 30	
09 09 20		09 32 40	15 02 15	15 09 35	
15 09 20		15 06 30	21 15 25	21 09 20	
21 03 10		21 07 15	30 22 05	30 06 05	
30 04 15		30 07 15	39 02 15	33 03 05	
39 34 02		33 09 10	45 02 20		
			60 08 10		

Upper Air Temp — Almâza — at G.M.T. on

Height feet	PPP mb.	TT		
Surface				
500				
1000				
1500				
2000				
4000				
6000				
8000				
10000				
12000				
14000				
16000				

Cyprus Synoptic 8h. on 30th

34800 02990 22227 16190 56402

Present Weather (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog [illegible] last hour	41
Thick [illegible]	42
Fog [illegible] patches	49
Drizzle	50-59
Rain	60-65
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

Past Weather (W)

Clear, slight [illegible]	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

Visibility (V)

Objects not visible at 50 metres	0
200	1
500	2
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	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: 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 07
Sunset h. m. 17 10

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month *October* 1947 — شهر اكتوبر ١٩٤٧

At 14h. on *Thursday 30th* (الساعة ١٤ يوم 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 8-14 h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h mms	Station Number
MEDITERRANEAN: SALÛM																							130
MATRÛH	01	9	12	1	0	4	8	14.2	27.4	66	0	02	8	00	0	0	5	8	13.0	24.7	70	0	131
MARIUT	02	7	05	2	2	6	4,2	15	26	70	0	01	7	05	1	1	5	4	14	22	83	0	150
ALEXANDRIA	02	9	04	2	2	5	5	14.4	25.0	71	0	02	5	04	1	2	5	4	14.3	23.0	88	0	132
DAMIETTA	01	7	30	2	1	5	5	14.6	24.9	77	0	47	3	00	0	4	3	4	14.4	21.0	91	0	159
PORT SA'ÎD	02	7	32	3	1	5	4	15	23	89	0	00	7	05	1	1	1	4	15	24	84	0	134
EL 'ARÎSH	01	9	28	3	1	4	8	14.8	27.8	78	0	01	9	30	3	1	4	6	14.0	21.9	91	0	135
LOWER EGYPT: DAMANHÛR	02	7	04	2	2	5	3	15.4	27.6	55	0	01	6	32	2	1	4	4	15.4	22.0	72	0	136
MANSÛRA	01	8	32	1	1	4	6	14.8	28.8	47	0	01	6	04	1	1	4	6	15.1	21.8	84	0	137
TANTA	03	7	00	0	2	8	5	14.8	28.0	51	0	01	8	00	0	1	4	8	14.8	21.0	85	0	138
ZAGAZIG	02	6	32	2	2	5	8	14.4	29.2	48	0	00	6	32	2	0	0	—	14.4	23.2	75	0	139
SHEBÎN EL KÔM	01	8	30	3	1	4	5	15.0	29.2	46	0	00	7	28	1	0	1	3	14.3	22.0	75	0	
MIDDLE EGYPT: CAIRO ALMÂZA	02	7	30	2	1	5	4,5,1	13.9	29.3	43	0	00	7	00	0	0	0	—	13.6	24.1	59	0	141
CAIRO EZBEKÎYA	00	8	00	0	0	0	—	14.2	29.5	29	0	00	7	00	0	0	0	—	14.3	22.2	70	0	—
CAIRO GÎZA	00	8	00	0	0	0	—	14.2	29.8	33	0	00	7	00	0	0	0	—	14.4	20.7	75	0	—
HELWÂN	02	7	30	3	2	8	4	13.8	29.0	21	0	00	6	04	4	0	1	1	13.8	24.7	46	0	143
SUEZ	01	9	02	1	1	5	1		27.3	30	0	01	9	32	2	1	3	3		23.7	61	0	144
UPPER EGYPT: FAIYÛM	02	8	00	0	2	5	6	13.5	30.2	35	0	02	8	00	0	2	5	6	13.8	23.9	51	0	153
MINYA	01	8	32	2	1	3	5	13.6	35.0	37	0	01	8	32	1	1	3	2	13.5	24.8	47	0	154
ASYÛT	00	8	00	0	0	0	—	13.9	32.0	23	0	00	6	22	1	0	0	—	14.0	22.0	58	0	155
NAG HAMÂDI	00	8	00	0	0	0	—	12.3	31.6	33	0	00	8	00	0	0	0	—	12.7	22.2	63	0	164
QENA	01	9	02	1	1	3	3	12.4	35.0	28	0	00	6	24	1	0	0	—	12.2	22.3	59	0	156
LUXOR	01	9	30	2	1	4	3	12.3	36.0	20	0	00	8	14	2	0	0	—	11.6	24.0	53	0	157
ASWÂN	01	9	00	0	1	3	4	10.2	35.2	35	0	00	9	00	0	0	0	—	11.5	33.0	30	0	158
WESTERN DESERT: SÎWA	03	8	20	4	2	8	5	13.5	34.6	12	0	03		00	0	2	8	5	12.3	27.8	18	0	148
BAHARÎYA	00	8	32	1	0	0	—	12.7	33.0	21	0	00	7	00	0	0	0	—	13.1	23.0	31	0	149
KHÂRGA	00	9	00	0	0	0	—		33.9	14	0	00	9	00	0	0	0	=		25.6	17	0	151
DAKHLA	00	9	00	0	0	0	—	12.4	34.0	41	0	00	8	00	0	0	0	—	13.6	25.8	48	0	152
RED SEA: TÔR	00	7	28	2	0	0	—	13.8	29.5	63	0	00	7	04	2	0	0	—	12.0	25.5	60	0	145
HURGHÂDA	01	8	24	2	1	5	2	12?	33	30	0												146
QUSEIR	00	8	04	2	0	0	—	13.5	27.9	61	0	01	8	02	2	2	4	4	13.2	26.7	67	0	147
PORT SÛDÂN	01	8	10	3	1	3	8	4	33	56													208
NORTH SÛDÂN: WÂDI HALFA	00	8	32	1	0	3	1	9	37	20													165
KAREIMA	00	8	06	4	0	1	8,1	7	37	19													166
'ATBARA	00	8	01	2	0	0	—	6	38	07													167
KHARTÛM	01	8	06	3	1	4	8,4	5	38	37													209
KASSALA	00	8	04	2	0	1	8	4	39	11													170
CENTRAL SÛDÂN: WAD MEDANI																							171
RENK																							182
ROSEIRES																							172
EL OBEID	00	9	02	4	0	2	8	4	37	17													174
EL FÂSHER	02	8	00	0	1	6	2	—	36	15									—				175
GENEINA								—											—				179
KADUGLI																							187
S. SÛDÂN: MALAKÂL																							176
WÂU																							177
JUBA																							173

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 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												—		—				3
MATRÛH	22	9	00	0	0	8	5	12.0	-5.3	22.0	27	+2	18	+1	44	0	13	15
MARIUT	03	7	00	0	2	8	6,4,5			21	27	—	20	—	83	0	1	6
ALEXANDRIA	02	9	12	2	2	5	8	13.8	-3.7	21.0	27	0	19	0	87	dr	27	5
DAMIETTA	42	2	20	1	4	9	—	13.8	-2.4	20.1	27	—	18	—	99	0	4	5
PORT SA'ÎD	02	7	18	3	1	7	4,5	14		21	25		20		94	0	1	2
EL 'ARÎSH	01	9	16	1	1	4	6	14.4	-1.6	22.7	28	+1	18	+3	83	0	dr	3
LOWER EGYPT: DAMANHÛR	03	6	24	3	2	8	5	14.2	-3.0	18.0	29	0	17	+1	87	0	tr	3
MANSÛRA	03	4	04	1	2	8	6	14.3	-2.2	20.2	29	0	18	+2	96	0	6	2
TANTA	03	7	00	0	1	8	9	15.1	-2.1	20.4	29	0	16	+2	97	0	dr	2
ZAGAZIG	50	6	02	2	5	8	8	14.6	-2.4	19.6	31	+2	18	+3	100	dr	dr	1
SHEBÎN EL KÔM	02	7	28	1	5	5	7			19.8	32	—	18	—	84	dr	dr	—
MIDDLE EGYPT: CAIRO ALMAZA	05	6	30	1	1	6	4,5	13.2	-3.7	23.0	31	—	17	—	43	0	0	—
CAIRO EZBEKÎYA	05	5	00	0	2	7	4	13.8	-3.1	19.0	31	+2	17	+1	77	0	0	1
CAIRO GÎZA	05	5	00	0	2	7	4	13.8	-3.2	19.2	31	+3	14	0	87	0	dr	2
HELWÂN	05	5	30	2	2	8	4	13.4	-3.7	22.2	30	+2	18	+1	47	0	0	1
SUEZ	—	—	—	—	—	—	—										dr	1
UPPER EGYPT: FAIYÛM	02	8	00	0	2	6	6	13.8	-2.8	20.0	33	+3	17	+2	74	0	2	0
MINYA	01	8	32	2	1	3	5			21.2	35	+7	19	+3	75	0	0	—
ASYÛT	—	—	—	—	—	—	—					—		—			0	0
NAG HAMÂDI	00	8	00	0	0	0	—	13.8	-1.4	22.4		—		—	55	0	0	—
QENA	00	7	24	2	0	0	—	13.2	-1.4	22.2	36	+3	17	+1	54	0	0	—
LUXOR	00	9	06	2	0	0	—	13.1	-1.7	24.0	37	+3	16		46	0	0	—
ASWÂN	00	9	32	1	0	0	—	12.8	-1.3	25.0	37	+3	22	+3	34	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	—	12.7	-5.6	24.0	35	+5	17	+4	51	0	0	0
BAHARÎYA	02	7	00	0	2	6	8	13.8	-3.7	24.0	34	+5	18	+2	50	0	0	0
KHÂRGA	00	9	00	0	0	0	—			26.1	36	+4	15	-1	37	0	0	—
DÂKHLA	00	8	00	0	0	0	—	13.9	-2.7	23.0	34	+3	14	-1	54	0	0	—
RED SEA: TÔR	00	7	04	1	0	0	—	12.7	-2.2		30	+2	16	-1	57	0	0	0
HURGHÂDA																	0	0
QUSEIR	00	8	28	1	1	3	3	13.0	-1.3		32	+3	22	0		0	0	0
PORT SÛDÂN	01	8	30	2	1	3	—	12		31			29		59	0	4	12
NORTH SÛDÂN: WÂDI HALFA	00	7	02	1	0	1	4	12		25			18		24	0	0	—
KAREIMA	01	8														0	0	1
'ATBARA	00	6	02	2	0	0	—	9		29			24		20	0	0	1
KHARTÛM	00	7	06	4	0	2	4	10		31			24		49	0	dr	3
KASSALA	00	8	04	2	0	0	—	7		34			23		20	0	dr	8
CENTRAL SÛDÂN: WAD MEDANI	00	8	02	1	1	0	—	9		28					40	0	7	10
RENK												—		—		—	—	43
ROSEIRES	00	8	02	1	1	0	—	11		26					70	0	33	29
EL OBEID	00	9	28	3	0	0	—	8		29			22		31	0	1	15
EL FÂSHER	01	8	04	1	1	5	4	—	—	26			21		74	0	0	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	01	8	20	1	0	3		9		27		—		—	94	—	—	82
S. SÛDÂN: MALAKÂL	—	—	—	—	—	—	—								—	0	53	75
WÂU	01	8	20	2	1	5	4,2	9		25			20		70	0	47	125
JUBA	01	8	02	2	1	5	2	10		28			23		66	0	18	95

UPPER WINDS ON 30th (الرياح العليا يوم ٣٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.

UPPER WINDS ON 31st (الرياح العليا يوم ٣١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM 6 h. 30 m.
											06 08 20
											09 02 35
											15 07 30
											21 03 25
											24 02 25
											27 01 20
											30 02 15
											33 02 20
											39 01 30

KASSALA 6 h. 30 m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7 h. m.
06 07 15	03 07 15	06 36 15	09 01 20	—	06 20 20
09 06 25	06 10 15	09 02 30	15 02 25	—	09 19 10
15 03 20	09 11 20	15 06 25	21 04 20	—	15 14 15
21 03 30	15 12 25	21 07 30	24 05 20	—	21 11 20
24 02 25	21 13 20	24 06 20	30 07 15	—	24 11 15
30 29 20	24 13 35	30 11 05	33 09 10	—	30 06 20
45 28 20	30 11 20	33 08 15			33 05 20
	33 09 15	39 09 20			39 06 15
		45 20 15			45 06 15

CYPRUS SYNOPTIC 8h ON 31st

34700	02990	28115	13181	36402	00160
34810	01951	22314	13181	69102	00150

UPPER AIR TEMP. ALMÂZA — AT ... G.M.T. ON ...

HEIGHT FEET	P.P.P m.b.	T.T °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

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
31-10	2066	3241
30-10	2200	3260

STATION	Mean of day Humidity % on 30th	Diff from normal	Wet Bulb Temp °C on 30th	Diff from normal
Alexandria	89	+21	21.5	+2.5
Ezbekiya	71	+4	18.3	+0.4
Giza	79	+10	18.1	+0.3
Helwân	40	-14	16.1	-0.3

GÎZA — GRASS MINIMUM TEMP. ON 31st 11.1 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON ... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31/10	13.70	-0.01	13.72	0.00
Nâsser		11.03	+0.44	11.03	+0.44
Malakâl		12.43	+0.11	12.43	+0.11
J. Aulia Res.				377.18	—
J. Aulia D.S				372.80	-0.48
Roseires		15.06	+0.19	15.13	+0.20
Sennar Res.		17.72	—	17.61	—
Khartûm		12.53	-0.49	12.56	-0.52
Kh. el Girba					
'Atbara		11.95	-0.29	12.00	-0.28
Kajnarti		137.04	-0.74	137.19	-0.71
Aswân Res.		115.45	—	115.01	—
Aswân D.S		86.90	-2.04	87.05	-2.00
Roda (Cairo)		17.32	-0.84	17.42	-0.79

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 07 09
Sunset h. m. 17 08

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Saturday 1st — الساعة ١٤ 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 Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	8	32	3	0	4	8	12.2	23.4	78	0	131
MARIUT	00	7	27	2	0	2	4,5	8	27	55	0	150
ALEXANDRIA	01	9	24	2	2	4	1	7.9	26.0	60	0	132
DAMIETTA	01	8	02	4	1	3	3	7.9	26.2	66	0	159
PORT SA'ID A.P.	00	7	06	5	0	1	9	7	26	70	0	134
EL 'ARÎSH	01	9	32	4	1	4	8	9.2	26.7	69	0	135
LOWER EGYPT												
DAMANHÛR	00	7	04	2	0	3	1	8.3	29.3	44	0	136
MANSÛRA	00	8	08	2	1	0	—	7.6	31.2	35	0	137
TANTA	00	8	09	0	1	0	—	8.2	29.0	29	0	138
ZAGAZIG	00	6	32	2	0	0	—	7.5	28.6	35	0	139
SHEBÎN EL KÔM	00	8	22	3	0	0	—	8.2	31.7	28	0	—
MIDDLE EGYPT												
CAIRO (ALMÂZA)	00	8	18	4	0	0	—	7.4	30.8	49	0	141
CAIRO (EZBEKÎYA)	00	8	18	2	0	0	—	8.0	30.9	27	0	—
CAIRO (GÎZA)	00	8	18	2	0	0	—	7.9	31.0	30	0	—
HELWÂN	00	7	18	4	0	0	—	8.3	28.7	32	0	143
SUEZ	00	9			0	0	—		29.0	50	0	144
UPPER EGYPT												
FAIYÛM	00	8	00	0	0	0	—	8.4	31.2	33	0	153
MINYA	00	9	32	3	0	0	—	10.2	32.8	26	0	154
ASYÛT	00	8	20	1	0	0	—	10.7	31.5	36	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	10.2	31.4	29	0	164
QENA	00	9	24	2	0	0	—	9.2	33.0	25	0	156
LUXOR	00	9	14	2	0	0	—	9.6	36.5	19	0	157
ASWÂN	00	9	32	1	0	0	—	8.6	37.0	22	0	158
WESTERN DESERT												
SÎWA	02	8	28	2	1	6	4	13.5	28.0	44	0	148
BAHARÎYA	01	8	28	2	1	3	8	9.5	28.0	44	0	149
KHÂRGA	00	9	00	0	0	0	—	—	33.0	25	0	151
DAKHLA	00	9	28	2	0	0	—	10.7	30.0	54	0	152
RED SEA												
TÔR	00	7	12	4	0	0	—	9.8	29.8	63	0	145
HURGHÂDA A.P.												146
QUSEIR	00	8	12	4	1	3	3	10.8	28.4	82	0	147
PORT SÛDÂN	00	8	10	2	0	2	8	9	32	67		208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA	00	9	32	2	0	0	—	8	33	15		166
'ATBARA	00	7	04	2	0	1	8	5	38	15		167
KHARTÛM	00	8	28	2	0	1	8	5	37	37		209
KASSALA	00	8	30	2	0	0	—	4	38	19		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	12	1	0	0	8	4	33	18		171
RENK												182
ROSEIRES	01	8	30	1	1	3	4	7	36	29		172
EL OBEID	01	8	32	2	1	4	8	3	37	20		174
EL FÂSHER	00	8	00	0	0	2	6	—	36	19		175
GENEINA	00	8	06	1	0	0	—	—	35	18		179
KADUGLI	01	8	12	1	1	4	4	7	37	33		187
S. SÛDÂN												
MALAKÂL	01	8	24	1	1	5	9,4	5	34	50		176
WÂU	01	8	10	2	1	5	8,2	4	36	35		177
JUBA	02	8	32	2	1	8	8,2	4	37	31		173

At 20h. on 1st — الساعة ٢٠ 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 Press M.S.L. 1000+ mbs. (ppp)	°C Temp. (ttt)	% Humidity (uu)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	8	28	1	0	4	8	13.8	23.1	82	0
MARIUT	51	7	02	1	5	7	7,4,5	9	24	74	dr
ALEXANDRIA	03	5	04	4	5	8	8	9.7	24.0	52	dr
DAMIETTA	01	7	10	2	1	4	3	9.2	23.7	78	0
PORT SA'ID	00	7	08	3	0	3	1	9	24	74	0
EL 'ARÎSH	00	9	12	1	0	0	—	9.5	21.4	100?	0
LOWER EGYPT											
DAMANHÛR	00	7	04	2	0	3	1	8.4	21.0	74	0
MANSÛRA	00	6	02	1	0	0	—	9.1	22.0	82	0
TANTA	01	8	00	0	1	4	8	9.5	21.0	74	0
ZAGAZIG	00	6	08	2	0	0	—	8.0	22.2	62	0
SHEBÎN EL KÔM	00	7	22	2	0	0	—	9.0	22.2	62	0
MIDDLE EGYPT											
CAIRO (ALMÂZA)	00	7	24	3	0	1	4	10.6	24.1	71	0
CAIRO (EZBEKÎYA)	00	7	32	2	0	0	—	10.0	23.8	57	0
CAIRO (GÎZA)	00	7	32	2	0	0	—	9.8	23.0	62	0
HELWÂN	00	7	30	2	0	2	4	10.0	24.2	50	0
SUEZ	00	9			0	0	—		26.0	45	0
UPPER EGYPT											
FAIYÛM	01	8	30	1	1	3	8	11.1	23.9	61	0
MINYA	01	8	32	2	1	3	4	11.6	23.0	52	0
ASYÛT	00	6	00	0	0	0	—	10.8	20.6	68	0
NAG' HAMÂDI	00	8	00	0	0	0	—	11.5	19.2	73	0
QENA	00	6	24	2	0	0	—	10.8	22.6	64	0
LUXOR	00	8	30	2	0	0	—	10.7	24.0	42	0
ASWÂN	00	9	00	0	0	0	—	10.6	31.0	32	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	14.0	22.5	55	0
BAHARÎYA	00	7	32	1	0	0	—	10.6	23.5	45	0
KHÂRGA	00	9	00	0	0	0	—	—	26.3	28	0
DAKHLA	00	8	00	0	0	0	—	12.3	24.7	59	0
RED SEA											
TÔR	00	7	12	3	0	0	—	8.3	26.8	67	0
HURGHÂDA											
QUSEIR	00	8	12	4	0	0	—	10.4	26.7	89	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 1st — الرياح العليا يوم ١

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12 h. m.	12 h. 15 m.	12 h. 45 m.	12 h. m.	12 h. 15 m.	12 h. m.
								02 31 05	06 04 15	06 35 05	06 04 05	06 37 05	06 13 05
								06 32 05	09 06 20	09 02 05	09 06 05	09 16 20	09 13 05
								09 35 10	15 05 15	15 34 05	15 06 05	15 02 02	15 13 10
								15 31 15	21 36 10	21 05 05	21 10 05	21 13 10	21 14 10
								21 30 25	30 31 05		30 15 05	30 12 10	30 12 05
								30 26 30			39 21 10	39 13 10	39 07 15
								39 29 35			45 23 05		45 03 10
								45 28 05			60 31 25		
								60 30 30			75 21 30		

At 8h. on Sunday 2nd — الساعة ٨ يوم الاحد ٢

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Bar Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (mm)	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													—					3
MATRÛH	00	9	00	0	0	3	8	15.0	-2.3	19.7	25	0	17	0	68	0	R	16
MARIUT	01	7	32	2	1	4	8	13		24	28	—	21	—	69	tr	2	6
ALEXANDRIA	02	9	04	5	5	5	8	13.2	-4.4	23.2	28	+1	20	+2	72	dr	27	7
DAMIETTA	02	7	18	1	1	5	7	11.1	-5.2	20.7	27	—	15	—	86	0	4	0
PORT SA'ID	00	7	19	3	0	1	9	12		21	27		19		83	0	1	3
EL 'ARÎSH	01	8	16	1	1	4	8	11.8	-4.3	21.4	28	+1	18	+3	68	0	dr	4
LOWER EGYPT																		
DAMANHÛR	01	7	32	4	1	3	8	13.5	-3.8	23.2	31	+3	20	+5	65	0	tr	4
MANSÛRA	01	8	04	1	1	4	8	11.6	-5.0	21.0	32	+4	17	+1	82	0	6	3
TANTA	00	8	24	1	0	0	—	12.3	-5.0	22.8	30	+2	17	+3	82	0	dr	3
ZAGAZIG	00	6	20	2	0	2	8	11.6	-5.5	22.2	32	+3	18	+4	77	0	dr	2
SHEBÎN EL KÔM	01	8	28	2	1	3	8	12.2	-5.0	22.9	32	—	18	—	78	0	dr	—
MIDDLE EGYPT																		
CAIRO (ALMÂZA)	05	6	18	2	2	8	6	12.1	-4.8	21.0	31	—	19	—	95	0	0	—
CAIRO (EZBEKÎYA)	08	4	00	0	4	5	9	12.6	-4.3	21.3	32	+4	20	+4	87	0	0	2
CAIRO (GÎZA)	08	4	00	0	4	5	9	13.0	-4.1	21.8	32	+5	19	+5	82	0	dr	3
HELWÂN	50	7	12	3	5	8	7	13.1	-4.1	19.8	30	+2	18	+2	84	dr	0	1
SUEZ	00	9	18	1	0	0	—			24.4	30	+1	19	+2	57	0	dr	2
UPPER EGYPT																		
FAIYÛM	21	8	24	2	5	6	9	13.9	-2.9	21.7	33	+4	19	+4	76	dr	2	0
MINYA	01	8	32	2	1	3	5	15.8	-0.9	21.3	33	+5	17	+2	74	0	0	—
ASYÛT	01	7	22	1	1	4	8	15.8	-0.5	21.1	32	+4	18	+3	81	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	15.2	-0.2	22.8		—		—	64	0	0	—
QENA	00	7	24	3	0	0	—	14.4	-0.4	21.0	34	+1	18	+2	60	0	0	—
LUXOR	00	9	06	2	0	0	—	14.6	-0.3	21.5	37	+4	16	++	43	0	0	—
ASWÂN	00	9	02	1	0	0	—	14.3	0.0	24.0	38	+4	20	+1	45	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	15.9	-2.5	17.6	29	-1	12	0	70	0	0	0
BAHARÎYA	01	8	32	1	1	3	8	15.4	-2.2	21.0	29	0	14	0	74	0	0	—
KHÂRGA	00	9	00	0	0	0	—	—	—	30.0	35	+4	17	+1	66	0	0	—
DAKHLA	00	8	00	0	0	0	—	14.7	-2.0	21.0	31	0	17	+2	71	0	0	—
RED SEA																		
TÔR	00	7	00	0	0	0	—	13.1	-1.9	23.2	30	+2	18	+2	71	0	0	1
HURGHÂDA	00	8	26	2	0	0	—	13		24			18		41	0	0	0
QUSEIR	00	8	30	2	0	0	—	12.6	-1.9	27.0	29	0	22	0	33	0	0	0
PORT SÛDÂN	00	8	00	0	0	3	8	12		31			24		70	0	4	14
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	0	—	14		23			14		34	0	0	—
KAREIMA	00	8	06	2	0	0	—	13		26			21		21	0	0	1
'ATBARA	00	7	32	1	0	0	—	11		27			22		33	0	0	2
KHARTÛM	00	8	04	3	0	0	—	9		31			21		43	0	dr	4
KASSALA	00	8	00	0	0	0	—	10		28			23		52	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	12	2	0	0	—	10		28					25	0	7	11
RENK												—		—		—	—	44
ROSEIRES	01	8	24	6	1	3		10		23					78	0	53	31
EL OBEID	00	8	02	3	1	1	4	9		29			25		25	dr	1	16
EL FÂSHER	01	8	32	1	1	3	4	—	—	25			16		34	0	0	6
GENEINA	01	8	06	2	0	5	4,2	—	—	22		—	17	—	36	—	—	4
KADUGLI	01	8	28	2	1	5	4	10		24		—		—	84	—	—	83
S. SÛDÂN																		
MALAKÂL	02	8	32	1	1	5	4,5	11		25			22		84	0	53	77
WÂU	01	8	12	1	1	4	3,1	11		25			22		79	0	47	129
JUBA	05	7	16	1	1	8	2	11		27			21		58	0	18	101

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	h. m.	10 h. 15 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	6 h. 15 m.
03 30 10			02 17 15		02 31 15		02 36 10	09 04 20	09 02 45		
06 33 15			04 15 05		05 33 25		05 02 20	15 02 15	15 02 30		09 04 20
09 33 15			Ent Clo		10 32 40		10 34 10	21 32 15	21 04 25		15 04 15
12 35 20					15 33 45		15 35 20	30 31 10	30 21 35		21 33 05
15 33 15							20 25 10	33 25 20	33 02 35		24 32 05
18 33 20								39 28 25	39 27 20		
21 31 25								45 26 30			
24 31 20								60 31 05			

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. 15 m.
	09 13 20	09 05 25	09 09 15	09 06 20	09 17 20
09 07 15	15 16 35	15 08 25	15 07 30	15 07 45	15 13 05
15 08 20	21 18 05	21 07 25	21 08 45	21 08 40	21 14 05
21 36 30			30 10 35	24 10 30	
24 35 25			33 10 35	30 11 30	
30 33 25				33 13 30	
33 34 30				39 14 20	
39 06 65					

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

HEIGHT FEET	P.P.P m.b.	T T °F	t t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 2nd

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 1st	Humidity Diff. from normal	Wet Bulb Temp. °C on 1st	Wet Bulb Diff. from normal
Alexandria	74	+6	20.2	+1.4
Ezbekiya	43	-2.4	17.5	-0.2
Giza	47	-2.2	17.9	+0.3
Helwân	33	-2.2	16.8	+0.6

GÎZA — GRASS MINIMUM TEMP. ON 2nd 14.2 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl		12.43	+0.10	12.43	+0.10
J. Aulia Res.				377.27	—
J. Aulia D.S				372.70	-0.49
Roseires	11			15.00	+0.17
Sennar Res.				17.83	—
Khartûm				12.48	-0.45
Kh. el Girba	1				
'Atbara					
Kajnarti				11.90	-0.29
Aswân Res.	2	116.26	—	136.99	-0.71
Aswân D.S		86.60	-2.07	115.83	—
Roda (Cairo)		17.19	-0.24	86.75	-2.07
				17.26	-0.93

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	2-11	1853	3241
	1-11	1966	3241

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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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Dustatorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Dustatorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
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
Sunset

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Sunday 2nd — الساعة ١٤ يوم الاحد ٢

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 h. mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	00	9	00	0	0	3	8	13.6	24.1		0	131
MARIUT	01	7	30	3	1	4	8,1	13	25	65	0	150
ALEXANDRIA	02	9	32	4	2	5	5	13.2	25.0	61	0	132
DAMIETTA	01	8	30	3	1	4	6	12.0	25.1	71	0	159
PORT SA'ID R.P.	00	8	31	2	0	1	8,2		25	70	0	134
EL 'ARÎSH												135
LOWER EGYPT: DAMANHÛR	01	7	32	4	1	4	8	13.0	27.0	49	0	136
MANSÛRA	01	8	04	2	1	4	8	11.6	25.5	71	0	137
TANTA	01	8	28	3	1	4	8	12.3	25.6	60	0	138
ZAGAZIG	02	6	20	3	2	5	8	12.2	26.8	66	0	139
SHEBÎN EL KÔM	01	8	28	3	1	4	8	12.2	27.3	56	0	
MIDDLE EGYPT, CAIRO: ALMÂZA	02	8	29	3	2	7	8,2	11	27	79	0	141
EZBEKÎYA	02	8	30	4	6	5	8	11.6	26.9	56	dr	
GÎZA	02	8	30	4	6	5	8	11.9	27.3	52	dr	
HELWÂN	02	7	00	0	5	7	9	11.6	26.6	59	dr	143
SUEZ	02	9	14	1	2	8	5		28.0	55	0	144
UPPER EGYPT: FAIYÛM	02	8	30	1	2	6	7	11.8	32.0	32	0	153
MINYA	01	8	24	2	1	5	8	13.8	27.5	47	0	154
ASYÛT	00	8	22	1	0	0	–	13.2	26.2	51	0	155
NAG' HAMÂDI	00	8	24	1	0	0	–	12.3	28.0	37	0	164
QENA	01	9	20	3	1	3	1	10.7	30.0	41	0	156
LUXOR	00	9	26	2	0	0	–	10.2	32.3	32	0	157
ASWÂN	00	9	20	1	0	0	–	10.3	31.6	33	0	158
WESTERN DESERT: SÎWA	00	8	00	0	0	0	–	14.8	29.2	45	0	148
BAHARÎYA	01	8	28	1	1	4	8	13.2	26.0	45	0	149
KHÂRGA	00	9	02	1	0	0	–	–	29	30	0	151
DAKHLA	00	9	28	1	0	0	–	12.4	29.2	51	0	152
RED SEA: TÔR	00	7	28	1	0	0	–	11.1	29.8	49	0	145
HURGHÂDA R.P.	00	8	06	1	0	0	–	12	28	55	0	146
QUSEIR	00	8	04	2	1	2	1	11.4	27.7	63	0	147
PORT SÛDÂN	00	8	08	2	0	2	8	7	32	59		208
NORTH SÛDÂN: WÂDI HALFA	00	8	32	3	0	0	–	10	32	24		165
KAREIMA	00	7	08	4	0	0	–	7	37	11		166
'ATBARA	00	8	32	2	0	0	–	5	37	20		167
KHARTÛM	00	8	04	2	0	1	4	6	38	33		209
KASSALA												170
CENTRAL SÛDÂN: WAD MEDANI	01	8	32	2	0	3	4	3	38	15		171
RENK												182
ROSEIRES	00	8	20	1	0	0	–	6	36	24		172
EL OBEID	01	8	32	3	0	3	8	7	37	17		174
EL FÂSHER	00	8	10	2	0	2	4	–	36	13		175
GENEINA	01	8	12	1	0	3	8	6	36	19		179
KADUGLI	01	8	04	2	1	5	8	7	31	38		187
S. SÛDÂN: MALAKÂL	01	8	12	3	0	3	9,1	5	34	47		176
WÂU	02	8	08	2	1	5	8,4	4	36	35		177
JUBA	02	7	30	2	1	6	8	5	32	43		178

At 20h. on 2nd — الساعة ٢٠ يوم الاحد ٢

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 h. mms
MEDITERRANEAN: SALÛM											
MATRÛH	00	8	00	0	0	0	–	13.9	22.7	70	0
MARIUT	00	7	03	1	1	3	6,1	14	21	78	0
ALEXANDRIA	01	5	04	2	2	4	8	14.2	21.6	69	0
DAMIETTA	01	6	30	1	5	3	6	12.0	22.8	76	dr
PORT SA'ID R.P.	00	7	32	4	8	2	9	13	24	79	dr
EL 'ARÎSH	00	9	04	3	0	2	8	11.0	22.9	86	0
LOWER EGYPT: DAMANHÛR	01	7	32	3	1	3	8	13.5	21.2	75	0
MANSÛRA	00	6	32	2	1	0	–	13.5	21.2	80	0
TANTA	01	8	00	0	1	4	8	14.2	20.6		0
ZAGAZIG	02	6	32	2	6	5	8	13.1	20.2	96	tr
SHEBÎN EL KÔM	00	7	28	2	0	0	–	12.2	20.9	86	0
MIDDLE EGYPT, CAIRO: ALMÂZA	00	7	32	2	8	1	8	13.1	23.2	90	tr
EZBEKÎYA	00	7	28	2	0	0	–	13.6	22.3	77	0
GÎZA	00	7	28	2	0	0	–	13.9	21.8	81	0
HELWÂN	01	7	32	2	1	3	1	13.8	22.0	77	0
SUEZ	21	9	28	1	5	0	–		23.8	67	dr
UPPER EGYPT: FAIYÛM	00	8	32	1	0	0	–	13.2	22.8	66	0
MINYA	01	8	32	2	1	4	1	13.0	23.7	61	0
ASYÛT	00	8	22	1	0	0	–	13.8	21.4	70	0
NAG' HAMÂDI	00	8	00	0	0	0	–	13.4	18.7	71	0
QENA	01	6	24	2	1	3	1	12.6	21.8	58	0
LUXOR	00	8	30	2	0	0	–	12.8	22.8	51	0
ASWÂN	00	9	32	1	0	0	–	12.3	26.5	38	0
WESTERN DESERT: SÎWA	00		00	0	0	0	–	15.1	22.7	54	0
BAHARÎYA	01	7	00	0	1	4	9	13.9	21.5	57	0
KHÂRGA	00	9	00	0	0	0	–		23.4	43	0
DAKHLA	00	8	00	0	0	0	–	13.0	25.4	58	0
RED SEA: TÔR	00	7	28	2	0	0	–		26.2	59	0
HURGHÂDA	00	8	28	1	0	0	–	12.	22	53	0
QUSEIR	00	8	02	2	0	0	–	12.2	26.3	74	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 2nd — الارياح العليا يوم ٢

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA h. m.	EL OBEID 12 h. m.	MALAKAL 13 h. m.	JUBA h. m.
							03 01 15	03 01 20	06 35 30		06 02 15	06 14 10	
							06 34 15	06 36 25	09 34 40		09 07 10	09 12 15	
							09 35 20	09 36 35	15 23 30		15 07 15	15 10 15	
							15 27 15	15 04 10	21 13 35		21 10 10	21 14 05	
							21 23 15	21 36 15	30 09 10		30 02 05	30 07 15	
								30 25 15			39 29 15	39 02 15	
								39 28 30					
								45 27 40					
								60 18 15					

At 8h. on Monday 3rd — الساعة ٨ يوم الاثنين ٣

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total from Oct 1 mms	RAINFALL Norm from Oct 1 mms
MEDITERRANEAN: SALÛM																		H
MATRÛH	01	7	14	3	1	4	8	13.1	-4.2	19.8	25	0	17	0	70	0	R	16
MARIUT	01	7	00	0	0	5	9	14		22	26	—	15	—	69	0	2	7
ALEXANDRIA	02	6	10	2	2	5	1	14.6	-3.1	24.0	27	0	19	+1	66	0	27	8
DAMIETTA	01	8	04	1	6	4	9	13.8	-2.5	24.0	26	—	18	—	75	2	6	7
PORT SA'ID	01	7	06	3	1	5	8,4	14		24	26		23		74	dr	1	3
EL 'ARÎSH	00	7	12	2	0	0	–	14.0	-2.2	24.1	29	+3	16	+1	77	0	dr	4
LOWER EGYPT: DAMANHÛR	00	7	24	3	0	0	–	14.6	-2.7	20.0	27	-1	16	+1	78	0	tr	4
MANSÛRA	01	8	18	1	1	4	8	14.3	-2.3	22.0	29	+1	17	+1	78	0	6	3
TANTA	00	8	00	0	0	0	–	14.7	-2.7	19.0	27	-1	14	0	96	0	dr	3
ZAGAZIG	00	6	32	2	0	0	–	14.7	-2.4	19.4	30	+2	17	+3	90	1	1	2
SHEBÎN EL KÔM	00	7	22	1	4	2	8	15.0	-2.2	18.4	29	—	16	—	88	0	dr	—
MIDDLE EGYPT, CAIRO: ALMAZA	01	7	00	0	0	4	6	14.4	-2.6	21.0	28	—	16	—	81	tr	tr	—
EZBEKÎYA	02	5	00	0	1	5	6	15.0	-2.0	20.8	28	0	17	+1	84	dr	dr	2
GÎZA	02	5	00	0	1	5	6	15.2	-2.0	20.3	28	+1	15	+1	88	dr	dr	3
HELWÂN	04	5	00	0	4	6	6	14.7	-2.6	18.3	27	0	16	0	94	dr	dr	1
SUEZ	01	9	02	1	1	3	3			20.6	29	0	18	+1	85	dr	dr	2
UPPER EGYPT: FAIYÛM	01	8	02	2	1	4	4	15.0	-1.8	20.0	33	+4	17	+2	85	0	2	0
MINYA	01	8	32	2	1	5	2	13.6	-1.2	21.3	29	+1	18	+3	74	0	0	—
ASYÛT	02	7	00	0	1	5	2	14.7	-1.6	22.0	27	-1	17	+2	70	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	–	14.6	-0.9	22.5		—		—		0	0	—
QENA	01	7	24	2	1	4	1	14.4	-0.5	20.4	30	-2	17	+1	74	0	0	—
LUXOR	01	9	30	2	1	4	1	13.9	-1.1	24.2	33	0	15	-0	59	0	0	—
ASWÂN	00	9	32	1	0	0	–	13.8	-0.6	21.5	32	-2	20	+1	57	0	0	0
WESTERN DESERT: SÎWA	00	7	00	0	0	0	–	13.0	-5.4	19.3	30	0	14	+2	63	0	0	0
BAHARÎYA	02	8	32	1	1	5	8	14.6	-3.0	18.0	27	-1	12	-2	75	0	0	
KHÂRGA	01	9	00	0	1	4	8			20.0	30	-1	13	-3	55	0	0	—
DÂKHLA	02	8	00	0	2	5	5	14.3	-2.5	18.4	29	-2	12	-3	65	0	0	—
RED SEA: TÔR	00	7	00	0	0	0	–	13.7	-2.4	22.4			18	+2	63	0	0	1
HURGHÂDA																	0	0
QUSEIR	01	8	30	2	1	4	3	12.0	-2.5	26.0	31	+2	21	0	52	0	0	0
PORT SÛDÂN																	4	16
NORTH SÛDÂN: WÂDI HALFA																		
KAREIMA																	0	—
'ATBARA																	0	1
KHARTÛM																	0	2
KASSALA																	dr	4
CENTRAL SÛDÂN: WAD MEDANI																	dr	8
RENK																	7	11
ROSEIRES																	33	44
EL OBEID																	1	31
EL FÂSHER																	0	16
GENEINA																		6
KADUGLI																		4
																		83
S. SÛDÂN: MALAKÂL																	53	77
WÂU																	47	130
JUBA																7	25	102

Upper Winds are in the Code HHDDVV where HH is Height 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 — الارياح العليا يوم ٣

MATRÛH 6 h. 30 m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 8 h. 30 m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
03 12 50			02 27 00				02 02 10				
06 11 50			05 08 15				05 03 25				
09 12 40			08 06 15				10 10 05				
12 14 40			10 11 05				15 16 10				
15 17 25			15 12 10				20 20 15				
18 17 30			20 21 15				25 21 45				
21 18 40			23 18 15				30 23 30				
			30 19 20				35 22 65				
			40 25 30								

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

UPPER AIR TEMP. — ALMÂZA — AT G.M.T. ON 3rd

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 3rd

34700 01990 28202 15181 45407 00140
34800 01990 20213 15181 49304 03185

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	1947	1946
	3-11	1742	3241
	2-11	1853	3241

STATION	Mean of day: Humidity % on 2nd	Humidity Diff. from normal	Wet bulb temp °C on 2nd	Wet bulb temp Diff. from normal
Alexandria	67	-1	19.3	+0.7
Ezbekiya	75	+8	20.2	+2.6
Giza	74	+5	20.1	+2.6
Helwân	75	+20	19.5	+3.3

GÎZA — GRASS MINIMUM TEMP. ON 3rd 10.3 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl		12.43	+0.10	12.43	+0.10
J. Aulia Res.				377.18	-
J. Aulia D.S				372.67	-0.48
Roseires				14.96	+0.18
Sennar Res.					
Khartûm				12.38	-0.49
Kh. el Girba					
'Atbara				11.86	-0.25
Kajnarti				136.76	-0.76
Aswân Res.		116.62	-	116.26	-
Aswân D.S		86.45	-2.13	86.60	-2.09
Roda (Cairo)		17.08	-0.88	17.19	-0.94

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

CAIRO
Time of Sunrise h. 06 m. 18
Sunset h. 17 m. 07

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month *November* 1947 — شهر نوفمبر ١٩٤٧

At 14h. on *Monday 3rd* — الساعة ١٤ يوم ٣/١١ ; At 20h. on *3rd* — الساعة ٢٠ يوم الاثنين ٣

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	01	9	04	1	0	5	8	11.6	25.3	73	0	02	8	08	2	2	5	9	10.6	22.6	77	0	131
Mariut	02	7	11	1	2	6	2	12	28	48	0	00	7	03	1	1	0	—	13	21	83	0	150
Alexandria	02	9	10	3	2	5	6	12.0	26.0	48	0	01	5	08	1	2	4	5	13.1	22.0	80	0	132
Damietta	01	8	04	2	1	4	3		25.0	68	0	01	6	22	1	1	5	5	12.8	22.9	81	0	159
Port Sa'îd	01	7	05	1	1	4	6	13	26	62	0	02	7	08	2	2	6	4,5	13	24	79	0	134
El 'Arîsh	01	9	32	3	1	4	6	12.7	25.6	74	0	01	9	28	2	1	4	6	12.0	22.6	89	0	135
LOWER EGYPT																							
Damanhûr	02	7	16	3	2	6	3	12.4	27.0	51	0	01	7	12	3	1	4	1	13.4	21.0	72	0	136
Mansûra	01	8	20	1	1	4	8	12.3	29.5	49	0	00	6	04	1	1	0	—	13.8	22.8	81	0	137
Tanta	01	8	00	0	1	5	5	12.7	28.0	44	0	01	8	00	0	1	4	8	13.2	21.4	80	0	138
Zagazig	02	6	32	2	2	5	8	11.6	26.2	62	0	02	6	32	2	2	5		14.0	23.2	78	0	139
Shebîn el Kôm	00	8	12	3	1	2	4	12.4	29.1	45	0	01	7	22	1	1	4	6	14.2	22.2	78	0	—
MIDDLE EGYPT																							
Cairo Almâza	02	8	08	1	2	5	8,4	11.7	27.9	63	0	01	7	07	1	2	4	2	12.6	23.3	72	0	141
Cairo Ezbekîya	01	8	04	1	1	5	5	11.9	27.5	48	0	00	7	00	0	0	0	—	12.8	21.0	68	0	—
Cairo Gîza	01	8	04	1	1	5	5	12.2	28.8	47	0	00	7	00	0	0	0	—	13.2	20.8	71	0	—
Helwân	02	7	00	0	2	7	4	12.0	26.0	53	0	01	7	00	0	1	4	4	13.0	22.4	53	0	143
Suez	02	9	00	0	2	7	2		27.0	49	0	01	9	00	0	1	4	2		23.7	67	0	144
UPPER EGYPT																							
Faiyûm	01	8	00	0	1	4	4	11.6	27.0	44	0	01	8	00	0	1	4	4	11.9	21.1	73	0	153
Minya	02	8	16	2	1	6	2	12.2	29.0	34	0	02	8	32	2	1	5	2	13.0	23.5	56	0	154
Asyût	01	8	00	0	1	5	2	12.2	28.8	41	0	00	6	22	1	1	0	—	13.2	21.1	65	0	155
Nag Hamâdi	00	8	00	0	0	0	—	10.0	30.4	42	0	00	8	00	0	0	0	—	12.3	20.5	81	0	164
Qena	01	9	08	2	1	6	3	10.6	30.3	42	0	01	6	24	2	1	4	3	12.2	21.8	67	0	156
Luxor	02	9	32	2	2	5	2	11.2	31.0	37	0	02	8	26	2	2	5	2	12.8	22.0	71	0	157
Aswân	01	9	24	1	1	3	1	10.2	32.7	26	0	00	9	00	0	0	0	—	11.0	26.0	38	0	158
WESTERN DESERT																							
Sîwa	00	8	12	3	0	0	—	10.2	30.3	35	0	03		12	3	2	8	5	6.0	24.0	46	0	148
Baharîya	02	8	08	1	2	6	6	10.3	30.0	39	0	02	7	08	1	2	6	9	11.0	24.0	42	0	149
Khârga	02	9	00	0	2	5	8		30.0	36	0	00	9	00	0	0	0	—	—	22.8	43	0	151
Dakhla	02	9	16	1	2	5	5	10.7	30.4	52	0	01	8	00	0	1	4	5	12.0	25.0	59	0	152
RED SEA																							
Tôr	00	7	28	1	0	0	—	12.4	27.8	61	0	00	7	00	0	0	0	—	12.7	25.2	64	0	145
Hurghâda	00	8	07	1	0	0	—	12	28	62	0	00	8	00	0	0	0	—	13	24	69	0	146
Quseir	02	8	12	2	2	5	5	13.0	26.8	74	0	02	8	12	2	2	5	5	13.0	26.0	76	0	147
Port Sûdân	00	8	06	2	1	3	—	9	32	63													208
NORTH SÛDÂN																							
Wâdi Halfa	00	8	02	1	0	2	4	9	32	26													165
Kareima	00	9	08	2	0	0	—	7	36	11													166
'Atbara	00	7	20	1	0	0	—	5	37	13													167
Khartûm	00	8	02	2	0	0	—	5	38	09													20[illegible]
Kassala	00	8	08	1	0	1	8	3	39	20													170
CENTRAL SÛDÂN																							
Wad Medani	00	8	04	2	0	2	3	3	38	15													171
Renk																							162
Roseires	00	8	20	1	0	0	—	6	36	40													173
El Obeid	02	8	06	3	1	5	1	4	37	07													174
El Fâsher	02	8	08	3	1	6	8,4,2	=	35	13									—				175
Geneina	02	8	16	2	1	8	8,1	=	35	22									—				179
Kadugli	01	8	12	2	1	4	1	6	36	22													187
S. SÛDÂN																							
Malakâl	02	8	08	1	1	6	8,2	6	34	36													176
Wâu																							177
Juba	05	7	00	0	1	7	8	5	35	32													17[illegible]

At 8h. on *Tuesday 4th* — الساعة ٨ يوم الثلاثاء ٤

Station	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C (TTT)	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity (UU)	Rain past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN																		
Salûm												—		—				4
Matrûh	50	9	32	4	6	5	9	10.4	-7.0	19.0	27	+2	18	+1	76	R.	R	17
Mariut	01	8	10	3	1	5	9	11		22	28	—	20	—	83	0	2	8
Alexandria	02	9	14	4	2	5	9	11.1	-6.6	22.0	27	+1	20	+2	80	0	27	9
Damietta	02	8	12	3	2	7	6	12.2	-4.2	23.0	27	—	20	—	86	0	6	9
Port Sa'îd	02	7	12	4	2	7	4,5	13	.	23	28	.	22	.	84	0	1	4
El 'Arîsh	02	9	16	2	2	7	6	13.8	-2.5	19.6	27	+1	17	+2	89	0	dr	5
LOWER EGYPT																		
Damanhûr	01	6	12	2	1	4	8	11.8	-5.6	21.3	28	0	19	+4	79	0	tr	5
Mansûra	02	7	08	1	2	5	6	11.2	-5.4	20.2	31	+3	20	+4	87	0	6	3
Tanta	01	8	12	3	1	4	8	11.8	-5.7	20.8	29	+1	18	+4	78	0	dr	3
Zagazig	02	6	08	2	2	6	7	12.2	-4.9	19.9	29	+1	18	+4	86	0	1	2
Shebîn el Kôm	01	8	12	2	5	5	9	12.2	-5.0	20.2	30	—	18	—	73	dr	dr	—
MIDDLE EGYPT																		
Cairo Almaza	02	7	11	3	2	5	4	11.7		23.6	29	—	18	—	69	0	tr	—
Cairo Ezbekîya	02	5	00	0	1	5	4	11.9	-5.1	21.1	29	+1	18	+2	72	0	dr	2
Cairo Gîza	02	5	00	0	1	5	4	12.2	-5.0	20.5	29	+2	15	+1	72	0	dr	3
Helwân	02	7	08	2	2	8	4	12.2	-5.1	22.9	28	+1	19	+3	53	0	dr	1
Suez	03	9	00	0	2	8	5			22.4	28	-1	18	+1	62	0	dr	2
UPPER EGYPT																		
Faiyûm	02	8	32	2	2	6	7	12.3	-4.6	20.0	29	0	16	+1	67	0	2	0
Minya	02	8	16	2	2	7	5	13.1	-8.7	23.0	29	+1	18	+3	52	0	0	—
Asyût	01	7	00	0	1	5	6	14.3	-2.1	20.0	31	+3	16	+1	70	0	0	0
Nag Hamâdi	00	8	00	0	0	0	—	14.6	-0.9	22.3		—		—	56	0	0	—
Qena	01	7	08	2	1	3	1	14.3	-0.7	21.4	31	-1	17	+1	62	0	0	—
Luxor	01	9	04	2	1	3	3	14.7	-0.4	23.8	32	-1	16	+1	58	0	0	—
Aswân	00	9	00	0	0	0	—	14.0	-0.5	25.0	34	0	21	+2	47	0	0	—
WESTERN DESERT																		
Sîwa	00	7	28	2	0	0	—	11.9	-6.5	18.2	31	+2	16	+4	78	0	0	0
Baharîya	02	7	24	2	2	6	8	11.0	-5.7	20.0	30	+2	14	+1	55	0	0	0
Khârga	00	9	00	0	0	0	—	—	—	18.6	32	+1	13	-3	64	0	0	—
Dâkhla	01	8	28	1	0	3	5	14.6	-2.3	21.6	31	0	14	-1	64	0	0	—
RED SEA																		
Tôr	00	7	04	1	0	0	—	12.8	-2.3				17	+1		0	0	1
Hurghâda	01	8	00	0	0	4	4,5	14		25	28		19	—	74	0	0	0
Quseir	02	8	28	1	2	7	6	14.3	-0.3	26.6	31	+2	21	0	75	0	0	0
Port Sûdân	00	6	00	0	0	0	—	13		29			27		78	dr	0	17
NORTH SÛDÂN																		
Wâdi Halfa	00	7	00	0	0	0	—	14		21					43	0	0	—
Kareima	00	7	04	1	0	0	—	13		24			20		34	0	0	1
'Atbara	00	7	32	1	0	0	—	12		25			20		32	0	0	8
Khartûm	00	8	22	3	0	2	4	11		27			21		16	0	dr	4
Kassala	00	8	06	1	0	0	—	12		29			22		40	0	dr	3
CENTRAL SÛDÂN																		
Wad Medani	01	8	32	3	1	3	1	11		27			17		17	0	7	4
Renk	01	9	28	1	1	3	1	—		31		—		—	78	—	—	44
Roseires	01	8	16	2	0	3	4	12		26					84	0	33	31
El Obeid	01	8	00	0	1	5	1	10		29			22		31	0	1	16
El Fâsher	02	8	32	2	1	7	4	—	—	23			18		34	0	0	6
Geneina								—	—			—		—		—	—	4
Kadugli	01	8	28	1	1	5	1	13		23		—		—	74	—	—	83
S. SÛDÂN																		
Malakâl																	53	78
Wâu	01	8	20	1	1	3	4	12		24			21		69	0	47	131
Juba																	25	103

UPPER WINDS ON 3rd (الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Almâza	Minya	Luxor	Hurghâda	Wâdi Halfa	Kareima	Khartûm	Kassala (12h. 30m.)	El Obeid (12h.)	Malakal	Juba
										09 30 05	09 07 25		
										15 24 05	15 04 25		
										21 04 05	21 01 20		
										30 26 10	30 32 25		
										33 27 10	33 15 20		
										39 24 05			
										45 20 05			

UPPER WINDS ON 4th (الرياح العليا يوم ٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh	Mariut	Port Sa'îd	Helwân (9h.)	Minya	Asyût	Luxor	Aswân (7h.)	Wâdi Halfa (7h.)	Abu Hamad	Kareima (7h. 15m.)	Khartûm (7h.)
			02 14 36				05 16 10	03 36 10		03 05 15	07 04 25
			05 17 54				10 14 15	06 02 20		09 02 10	15 03 25
			08 19 45				15 17 15	09 05 30		15 15 05	21 33 05
			10 19 45				20 17 20	15 23 05		21 27 05	24 25 15
			14 19 54				25 19 15	21 33 05		30 31 20	30 23 15
			Ended				30 19 10	24 32 05		39 25 20	33 21 05
										45 22 20	39 30 25
										60 33 20	
										75 15 60	

Kassala (7h.)	Port Sûdân (9h. 15m.)	El Obeid	El Fâsher	Geneina	Malakal
06 16 10	03 10 05				
09 14 10	06 13 15				
15 11 20	09 13 25				
24 05 20	15 14 30				
30 36 20	21 15 25				
	24 14 20				

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec. — Date	1947	1946
4-11	1626	3241
3-11	1742	3241

Station	Humidity % on 3rd	Diff from normal	Wet bulb temp °C on 3rd	Diff from normal
Alexandria	69	+1	19.5	+1.0
Ezbekîya	69	+2	18.9	+1.4
Gîza	73	+3	18.9	+1.5
Helwân	69	+14	18.0	+1.9

GÎZA — GRASS MINIMUM TEMP. ON 4th 11.2 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON .... °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.67	-0.04
Nâsser				11.02	+0.44
Malakâl	=			12.43	+0.12
J. Aulia Res.				377.16	—
J. Aulia D.S				372.64	-0.47
Roseires		14.82	+0.12	4.88	+0.13
Sennar Res.				18.63	—
Khartûm				12.34	-0.43
Kh. el Girba					
'Atbara				11.91	-0.23
Kajnarti				136.65	-0.81
Aswân Res.	4	117.03		116.62	—
Aswân D.S		86.30	-2.14	86.05	-2.13
Roda (Cairo)		16.99	-0.90	17.02	-0.88

CYPRUS SYNOPTIC 8h ON 4th
34709 02995 02115 14231 64403 00120
30851 02963 12227 15191 50203 00160

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			

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze 08; Distant Fog 09; Rain in sight 10; Thunder, no rain 11; Distant Duststorm 12; Squally 14; Slight Duststorm 18; Rain in past hour 20-29; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick ,, ,, ,, 42; Fog in patches 49; Drizzle 50-59; Rain 60-69; Rain and Fog 67; Rain and Snow 68, 69; Snow 70-79; Showers 80-89; ,, of Snow 83, 84; ,, of Sleet 85, 86; ,, of Hail 88, 89; Thunderstorm 90-99; ,, ended, now Rain 91; ,, with Hail 94-96; ,, with Duststorm 98; ,, heavy, with Hail 99

PAST WEATHER (W)

Clear, slight cloud 0; Variable sky 1; Mainly overcast 2; Sandstorm, Duststorm 3; Fog, thick dust haze 4; Drizzle 5; Rain 6; Snow, sleet 7; Showers 8; Thunderstorm 9

VISIBILITY (V)

Objects not visible at 50 metres 0; 200 ,, 1; 500 ,, 2; 1 Kilometre 3; 2 ,, 4; 4 ,, 5; 10 ,, 6; 20 ,, 7; 50 ,, 8; Visible over 50 kms. 9

CLOUD AMOUNT (N)

Clear 0; Trace 1; 1 Tenth 2; 2, 3 Tenths 3; 4, 5, 6 Tenths 4; 7, 8 Tenths 5; 9 Tenths 6; Over 9 Tenths 7; Overcast 8; Fog or Dust 9

CLOUD FORM (C)

Cirrus 1; Cirro-stratus 2; Cirro-cumulus 3; Alto-cumulus 4; Alto-stratus 5; Strato-cumulus 6; Nimbo-stratus 7; Cumulus 8; Cumulo-nimbus 9; Stratus 0

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 06 m. [illegible]
Sunset h. 17 m. 0[illegible]

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.O.

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Tuesday 4th — الساعة ١٤ يوم ٤ / At 20h. on 4th — الساعة ٢٠ يوم الثلاثاء ٤

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	28	2	0	4	9	12.0	26.9	43	0												131
MARIUT	18	4	20	4	0	9	–	9	29	33	0	00	7	25	4	0	3	6	12	21	78	0	150
ALEXANDRIA	00	8	24	4	0	1	–	9.1	26.8	38	0	01	5	28	6	1	3	4	13.2	21.0	65	0	132
DAMIETTA	02	8	20	4	2	5	5	10.6	29.0	43	0	01	7	18	3	1	3	5	11.2?	21.8	57	0	159
PORT SA'ÎD A.P.	02	7	16	4	2	7	9,4,5	12	27	55	0	00	7	19	4	0	3	9	12	24	94?	0	134
EL 'ARÎSH	02	9	28	3	2	7	6	12.2	25.7	50	0	02	9	28	2	2	5	6	13.6	23.2	70	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	20	6	1	3	4	9.9	30.0	38	0	00	7	24	4	1	0	–	13.2	20.4	78	0	136
MANSÛRA	02	8	16	3	2	5	6	11.1	28.2	43	0	00	6	02	2	1	0	–	13.1	21.0	64	0	137
TANTA	01	8	16	4	1	5	8	10.3	27.0	40	0	00	8	12	1	1	0	–	13.2	21.6	76?	0	138
ZAGAZIG	03	6	08	3	2	8	6	10.8	26.6	71?	0	00	6	08	2	1	0	–	13.1	20.2	96?	0	139
SHEBÎN EL KÔM	01	8	22	3	1	3	5	10.8	28.1	38	0	00	7	30	2	0	0	–	13.1	22.0	64	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	02	8	18	4	2	6	4,5	10.8	26.1	56	0	00	7	16	3	1	0	–	13.6	22.8	60	0	141
CAIRO EZBEKÎYA	01	8	14	1	0	3	4	11.2	25.5	44	0	00	7	16	2	0	0	–	13.9	22.1	57	0	—
CAIRO GÎZA	01	8	14	1	0	3	4	11.5	25.4	44	0	00	7	16	2	0	0	–	13.8	21.6	62	0	—
HELWÂN	02	7	18	3	2	6	4	11.8	24.6	39	0	00	7	18	1	0	0	–	14.3	21.0	52	0	143
SUEZ	02	9	16	1	2	7	5		26.2	75	0	00	9	16	1	0	0	–		25.8	32	0	144
UPPER EGYPT																							
FAIYÛM	02	8	18	3	2	7	7		27.0	36	0	00	8	18	1	0	0	–	14.4	21.8	56	0	153
MINYA	03	7	24	1	2	8	5	11.2	27.0	36	0	02	7	16	2	2	5	5	15.5	21.0	58	0	154
ASYÛT																							155
NAG' HAMÂDI	00	8	32	1	0	0	–	12.0	33.7	39	0	00	8	24	1	0	0	–	15.0	21.7	63	0	164
QENA	00	9	12	1	1	3	1	11.2	32.4	47	0	00	6	24	2	0	0	–	13.6	23.4	55	0	156
LUXOR	00	9	22	2	0	0	–	11.2	34.0	33	0	00	8	26	2	0	0	–	13.2	24.6	56	0	157
ASWÂN	00	9	28	1	0	0	–	10.8	34.6	34	0	00	9	28	1	0	0	–	12.3	30.0	25	0	158
WESTERN DESERT																							
SÎWA	02	8	20	3	1	6	4	13.1	25.2	53	0	00		00	0	0	0	–	13.8	21.0	57	0	148
BAHARÎYA	01	8	24	2	1	4	8	11.5	27.0	34	0	00	7	16	1	0	0	–	15.2	19.0	58	0	149
KHÂRGA	00	9	00	0	0	0	–	—	32.0	27	0	00	9	32	2	0	0	–	–	26.0	26	0	151
DAKHLA	01	9	28	2	1	4	5	12.0	29.4	53	0	00	8	28	1	0	0	–	14.7	24.4	59	0	152
RED SEA																							
TÔR	00	7	12	4	0	0	–	12.4	29.9	64	0	00	7	12	1	0	0	–	13.4	27.8	69	0	145
HURGHÂDA A.P.												00	8	14	2	0	0	–	14	26	94?	0	146
QUSEIR	00	8	08	2	0	1	3	12.2	27.7	82	0	00	8		3	3	0	–	14.0	27.0	64	0	147
PORT SÛDÂN	00	8	06	2	1	2	8	11	27	29													208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	01	8	02	1	1	4		8	36	11													166
'ATBARA	00	7	08	1			8	7	37	24													167
KHARTÛM	01	8	22	1	0	3	8,4	7	38	11													209
KASSALA	00	8	20	1	0	2	8	4	39	20													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	32	2	1	3	4	5	38	15													171
RENK	00	9	20	3	1	0	–	7	35	35													182
ROSEIRES																							172
EL OBEID	02	8	02	3	1	8	4,2	6	36	9													174
EL FÂSHER	02	8	16	2	1	8	4,2	—	33	14									—				175
GENEINA	02	8	18	4	2	8	8,4	—	31	24									—				179
KADUGLI	01	8	04	2	1	4	1	7	35	35													187
S. SÛDÂN																							
MALAKÂL	02	8	16					7															176
WÂU	01	8	04					6															177
JUBA	02	8	18	2	1	7	8	12															173

At 8h. on Wednesday 5th — الساعة ٨ يوم الأربعاء 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	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												—		—				4
MATRÛH																	R	18
MARIUT	00	7	20	4	8	1	8	15		21	29	—	17	—	65	tr	2	9
ALEXANDRIA	01	9	20	3	2	4	8	15.5	-2.2	21.0	29	+3	17	-1	57	0	27	10
DAMIETTA	00	7	18	2	0	0	–	15.5	-0.9	19.0	30	—	15	—	81	0	6	8
PORT SA'ÎD	00	7	21	4	0	2	4	16		21	28		18		78	0	1	4
EL 'ARÎSH	00	9	16	1	0	0	–	16.6	+0.3	18.3	26	0	17	+2	82	0	dr	5
LOWER EGYPT																		
DAMANHÛR	00	7	20	4	0	0	–	15.5	-2.0	19.0	30	+2	16	+1	83	0	tr	5
MANSÛRA	00	8	12	1	0	0	–	16.0	-0.7	19.5	31	+3	16	0	70	0	6	3
TANTA	00	8	20	1	0	0	–	16.6	-0.9	18.0	29	+1	15	+1	71	0	dr	3
ZAGAZIG	00	6	20	2	0	0	–	16.3	-0.9	19.6	29	+1	16	+2	90?	0	1	2
SHEBÎN EL KÔM	00	8	12	2	0	0	–	16.6	-0.7	17.8	29	—	16	—	69	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	16	3	0	0	–	16.5	-0.6	19.8	29	—	17	—	63	0	tr	—
CAIRO EZBEKÎYA	00	6	14	1	0	0	–	16.7	-0.4	18.7	26	-2	16	+1	63	0	dr	2
CAIRO GÎZA	00	6	14	1	0	0	–	17.4	+0.2	20.8	26	-1	14	+1	60	0	dr	3
HELWÂN	05	6	08	1	0	0	–	17.9	+0.5	18.4	26	-1	16	0	60	0	dr	1
SUEZ	00	9	00	0	0	0	–			19.4	27	-1	16	-1	66	0	dr	2
UPPER EGYPT																		
FAIYÛM	00	8	18	2	0	0	–	17.8	+0.9	20.0	28	-1	15	0	62	0	2	0
MINYA	00	9	16	1	0	0	–	18.4	+1.5	21.0	27	-1	15	0	57	0	0	—
ASYÛT	00	7	22	1	0	0	–	18.3	+1.8	20.4	30	+2	15	0	60	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	–	17.5	+1.9	22.7		—		—	56	0	0	—
QENA	00	7	14	2	0	0	–	15.5	+0.4	19.4	34	+2	17	+2	60	0	0	—
LUXOR	01	9	10	2	1	3	1	16.7	+1.5	23.2	36	+3	15	0	50	0	0	—
ASWÂN	01	9	32	3	1	4	1	16.6	+2.0	23.8	36	+3	20	+2	44	0	0	—
WESTERN DESERT																		
SÎWA	02	7	00	0	1	6	4	17.1	-1.4	17.4	26	-3	15	+3	86	0	0	0
BAHARÎYA	00	8	00	0	0	0	–	16.7	-1.1	20.8	28	0	12	-1	58	0	0	0
KHÂRGA	00	9	00	0	0	0	–	–	–	20.0	34	+3	15	0	52	0	0	—
DÂKHLA	00	8	00	0	0	0	–	–	–	18.7	30	-1	13	-1	69	0	0	—
RED SEA																		
TÔR	00	7	32	1	0	0	–			21.2			17	+1	52	0	0	1
HURGHÂDA	00	8	30	2	0	0	–	16		24	30		18		41	0	0	0
QUSEIR	00	8	30	2	0	0	–	15.5	+0.8	27.2	29	0	21	0	50	0	0	0
PORT SÛDÂN	01	8	32	2	1	5	6	14		30			27		74	0	4	19
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	1	0	0	–	16		18			17		40	0	0	—
KAREIMA	00	8	06	2	0	2	2	13		27			22		16	0	0	1
'ATBARA	00	7	32	1	0	1	4,1	11		27			22		40	0	0	2
KHARTÛM	01	8	02	2	0	4	3	12		27			21		33	0	dr	4
KASSALA	00	8	28	1	0	0	–	11		28			21		45	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	12	2	0	3	1	11		26					45	0	7	11
RENK	00	9	20	2	0	0	–	11		30		—		—	55	—	—	44
ROSEIRES	00	8	10	1	0	0	–	11		24					84	0	33	31
EL OBEID	01	9	00	0	1	4	4,2	12		26			19		16	0	1	16
EL FÂSHER	01	8	10	1	1	5	4,2	—	—	23			17		27	0	0	6
GENEINA	09	8	00	0	1	4	2	—	—	18		—	15	—	78	—	—	4
KADUGLI	01	8	28	1	1	5	1	12		22		—		—	94	—	—	83
S. SÛDÂN																		
MALAKÂL	09	8	32	2	1	5	4,5	11		25			25		79	0	53	78
WÂU																	47	132
JUBA	05	7	00	0	1	8	4	12		26			21		89	dr	25	104

UPPER WINDS ON 4th — الرياح العليا يوم ٤

* Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	h. m.	h. m.	h. m.	13 h. m.
									09 32 05				09 14 45
													21 16 15
									21 35 02				30 15 15
													✓

UPPER WINDS ON 5th — الرياح العليا يوم ٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	h. m.	8 h. 30 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	6 h. 15 m.
03 27 30			02 17 10		02 29 15		02 02 15	03 01 25	06 03 20	03 03 30	06 02 30
06 28 25			05 21 20		05 31 20		05 02 30	06 03 30	09 05 20	06 04 15	09 09 30
09 28 30			08 23 20		10 33 35		10 09 05	09 06 25	15 06 25	09 05 55	15 04 40
12 29 20			10 22 30				15 29 05	15 05 25	21 10 10	15 03 35	21 04 30
15 28 20			15 23 40				20 36 10	21 04 25	24 12 05	21 03 15	24 09 20
18 29 20			20 24 55					24 08 10	30 13 05	24 35 05	30 09 05
21 32 20			30 24 50					30 15 05		30 23 10	33 08 10
24 31 10			40 22 40					33 21 05		33 34 05	39 18 20
✓			50 26 35					39 25 05		39 05 15	45 18 30

KASSALA	PORT SÛDÂN	EL OBEID	[illegible]	GENEINA	MALAKAL
7 h. m.	7 h. 15 m.	h. m.	7 h. 30 m.	7 h. 15 m.	6 h. 45 m.
06 11 15	03 07 10		06 05 15	09 07 15	06 03 15
09 18 15	06 07 15		09 05 20	15 09 35	09 06 15
15 17 20	09 12 15		15 05 20	21 10 20	15 09 20
21 11 05	15 13 30		21 06 15	24 10 20	21 09 35
24 08 35	18 13 30		24 07 15	30 11 10	24 10 20
30 05 20	✓		27 06 25	33 14 05	30 10 20
33 05 20			30 05 35		33 10 15
39 03 15			33 05 35		
45 03 05					

CYPRUS SYNOPTIC 8h ON 5th

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	1947	1946
	5-11.	1516	3241
	4-11	1626	3241

Station	Mean of day Humidity % on 4th	Diff from normal	Wet Bulb Temp °C on 4th	Diff from normal
Alexandria	69	+2	18.3	-0.1
Ezbekiya	58	-9	17.6	+0.2
Giza	59	-11	17.4	+0.1
Helwân	47	-8	16.3	+0.3

GÎZA — GRASS MINIMUM TEMP. ON 5th 9.8 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON ... °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.66	-0.04
Nâsser					
Malakâl		12.43	+0.10	12.43	+0.10
J. Aulia Res.				377.17	–
J. Aulia D.S				372.60	-0.47
Roseires	11	14.78	+0.13	14.82	+0.12
Sennar Res.				418.14	–
Khartûm				12.29	-0.47
Kh. el Girba	1				
'Atbara				11.70	-0.28
Kajnarti	5			136.54	-0.76
Aswân Res.		117.37	–	117.03	–
Aswân D.S		86.15	-2.17	86.30	-2.14
Roda (Cairo)		16.90	-0.92	16.99	-0.90

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			

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 6 12
Sunset h. m. 17 05

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Wednesday 5th (الساعة ١٤ يوم ٥) / At 20h. on 5th (الساعة ٢٠ يوم الأربعاء ٥)

Station	14h WW	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h WW	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	28	2	1	4	8	16.6	22.9	76	0	01	8	00	0	0	3	8	17.0	19.9	81	0	131
MARIUT	00	8	22	3	0	1	9	15	25	54	0	00	7	26	1	0	0	—	16	20	73	0	150
ALEXANDRIA	01	9	28	4	2	4	4	15.5	23.4	66	0	00	5	24	3	0	0	—	16.4	22.0	58	0	132
DAMIETTA	01	8	20	3	1	3	8	16.0	25.0	84	0	00	7	22	1	1	0	—	15.5	20.8	73	0	159
PORT SA'ÎD A.R.	00	8	21	4	0	1	8	16	25	45	0	00	7	24	2	0	0	—	16	22	61	0	134
EL 'ARÎSH												00	9	32	2	0	0	—	15.6	20.8	78	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	28	4	1	3	8	15.4	25.3	56	0	00	7	28	3	1	0	—	16.2	19.0	83	0	136
MANSÛRA	01	8	20	1	1	3	8	15.4	26.8	44	0	00	6	02	2	1	0	—	17.0	20.8	65	0	137
TANTA	01	8	24	3	1	4	8	15.5	27.0	43	0	01	8	00	0	1	4	8	16.6	18.4	72	0	138
ZAGAZIG	01	6	24	2	1	4	8	15.8	25.8	58	0	00	6	24	2	0	0	—	16.2	20.0	89	0	139
SHEBÎN EL KÔM	01	8	22	3	1	4	8	15.9	27.2	38	0	00	7	28	2	0	0	—	16.4	19.8	66	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	20	3	1	5	8	15.8	26.4	53	0	00	7	17	1	0	0	—	16.5	22.0	66	0	141
CAIRO EZBEKÎYA	01	8	00	2	1	3	8	15.9	27.3	39	0	00	7	00	0	0	0	—	16.7	21.0	63	0	—
CAIRO GÎZA	01	8	00	2	1	3	8	16.2	27.0	41	0	00	7	00	0	0	0	—	17.0	20.2	66	0	—
HELWÂN	01	9	24	3	1	4	8	16.3	26.3	34	0	00	7	14	1	0	2	4	16.8	21.8	45	0	143
SUEZ	00	9	16	1	0	0	—		27.4	40	0	00	9	00	0	0	0	—		22.6	56	0	144
UPPER EGYPT																							
FAIYÛM	01	8	18	1	1	3	8	16.3	27.3	39	0	01	8	18	1	1	3	8	16.6	21.3	60	0	153
MINYA	01	8	30	1	1	3	8	16.2	27.3	40	0	00	8	32	1	1	0	—	17.9	21.2	66	0	154
ASYÛT												00	6	22	1	0	0	—	17.5	20.0	64	0	155
NAG' HAMÂDI	00	8	24	3	0	0	—	15.5	28.8	36	0	00	8	00	0	0	0	—	17.2	20.6	64	0	164
QENA	00	9	24	2	0	0	—	15.4	30.0	42	0	00	6	24	2	0	0	—	16.7	22.0	50	0	156
LUXOR	00	9	06	2	0	0	—	15.1	32.0	33	0	00	8	02	2	0	0	—	16.3	23.2	58	0	157
ASWÂN	00	9	32	2	0	0	—	13.5	32.0	24	0	00	9	32	1	0	0	—	14.6	28.0	33	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	17.1	27.0	49	0	00		00	0	0	0	—	17.2	20.4	69	0	148
BAHARÎYA	01	8	24	1	1	4	8	16.8	28.0	36	0	00	7	32	1	0	0	—	16.4	20.0	55	0	149
KHÂRGA	00	9	30	1	0	0	—	—	29.6	24	0	00	9	00	0	0	0	—	—	23.4	35	0	151
DAKHLA	00	9	28	2	0	0	—	15.5	27.6	55	0	00	8	28	1	0	0	—	17.0	23.4	64	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	—	15.0	28.2	53	0	00	7	28	3	0	0	—	14.8			0	145
HURGHÂDA A.R.	00	8	02	3	0	0	—	15	27	55	0	00	8	28	1	0	0	—	16	23	50	0	146
QUSEIR	00	8	32	2	0	0	—	14.8	27.6	62	0	00	8	32	2	0	0	—	15.2	25.8	73	0	147
PORT SÛDÂN	00	8	08	2	0	1	8	11	32	55													208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	3	0	3	8	10	34	29													165
KAREIMA	01	9	06	3	1	3	8,2	8	37	20													166
'ATBARA	01	7	28	2	1	3	8	7	37	25													167
KHARTÛM	01	8	04	3	1	4	8,1	6	38	11													209
KASSALA	00	8	08	2	0	1	8	5	37	25													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	28	3	0	4	8	5	38	21													171
RENK																							182
ROSEIRES	00	8	20	1	0	0	—	8	35	44													172
EL OBEID	01	8	04	3	1	5	4,2	7	36	09													174
EL FÂSHER	01	8	04	1	1	3	2	—	36	11									—				175
GENEINA	01	8	12	2	1	4	2	—	34	20									—				179
KADUGLI	00	8	04	2	1	2	1	8	36	27													187
S. SÛDÂN																							
MALAKÂL	02	8	12	1	1	5	8	7	35	44													176
WÂU	01	8	06	2	1	5	8,4	6	35	35													177
JUBA	05	7	32	1	1	8	8,2	6	34	34													1/3

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 13h. m.	KHARTÛM 13h. 30m.	KASSALA 13h. m.	EL OBEID 13h. 30m.	MALAKAL 13h. m.	JUBA 13h. m.
							03 02 15	03 05 10	06 35 15	06 31 05	06 01 10	06 11 10	06 02 05
							06 36 15	09 04 15	09 03 15	09 35 05	09 03 20	09 06 10	09 09 05
							09 36 15	15 04 15	15 03 15	15 09 05	15 03 35	15 06 15	15 11 10
							15 07 05	21 05 15	21 03 15	21 04 20	21 01 45	21 09 30	21 09 15
							21 08 05	30 10 10	30 01 10		30 02 15		30 02 20
								39 20 05	39 33 05		39 09 05		39 08 25
								45 03 02			45 30 10		45 11 35
								60 19 05			60 17 20		
								75 30 40					

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	6-11	1504	3241
	5-11	1516	3241

Station	Mean of day: Humidity % on 5th	Diff from normal	Wet bulb temp °C on 5th	Diff from normal
Alexandria	54	-13	17.0	-1.3
Ezbekîya	56	-11	16.7	-0.6
Gîza	56	-14	17.1	0.0
Helwân	47	-8	15.4	-0.5

GÎZA — GRASS MINIMUM TEMP. ON 6th 10.0 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON ...... °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.66	-0.03	13.66	-0.04
Nâsser		11.00	+0.43	11.01	+0.44
Malakâl		12.43	+0.10	12.43	+0.10
J. Aulia Res.		377.16	—	377.19	—
J. Aulia D.S		372.54	-0.45	372.56	-0.47
Roseires	〃	14.78	+0.18	14.78	+0.13
Sennar Res.		418.38	—	418.27	—
Khartûm	1	12.20	-0.46	12.25	-0.45
Kh. el Girba					
'Atbara	6	11.67	-0.24	11.70	-0.25
Kajnarti		136.32	-0.76	136.46	-0.72
Aswân Res.		117.71	—	117.37	—
Aswân D.S		86.12	-2.07	86.15	-2.17
Roda (Cairo)		16.85	-0.90	16.90	-0.92

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Thursday 6th (الساعة ٨ يوم الخميس ٦)

Station	WW	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C 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												—		—				5
MATRÛH	00	9	22	2	0	0	—	15.6	-1.8	18.3	23	-2	15	-1	66	0	R	19
MARIUT	00	7	21	3	0	3	8	16		20	26	—	18	—	78	0	2	9
ALEXANDRIA	01	9	24	3	1	4	8	16.0	-1.8	20.8	25	-1	17	-1	67	0	27	11
DAMIETTA	00	7	18	2	1	2	8	15.9	-0.5	18.3	26	—	13	—	80	0	6	8
PORT SA'ÎD	00	7	20	3	0	1	8	16		21	26		19		74	0	1	5
EL 'ARÎSH	00	9	16	1	0	0	—	16.3	-0.1	21.2			15	0	66	0	dr	6
LOWER EGYPT																		
DAMANHÛR	00	7	24	3	0	0	—	16.6	-0.9	18.3	27	-1	15	0	87	0	tr	6
MANSÛRA	00	8	20	1	0	0	—	16.3	-0.4	19.0	27	-1	15	-1	74	0	6	4
TANTA	00	8	20	1	1	0	—	16.8	-0.8	18.5	28	0	13	-1	76	0	dr	4
ZAGAZIG	00	6	28	3	0	0	—	16.6	-0.6	19.2	29	+1	15	+1	64	0	1	2
SHEBÎN EL KÔM	00	8	18	1	0	0	—	15.9	-1.4	17.2	29	—	16	—	71	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	18	2	0	0	—	16.6	-0.5	20.8	27	—	16	—	64	0	tr	—
CAIRO EZBEKÎYA	00	6	00	0	0	0	—	17.2	+0.1	19.6	28	0	16	+1	59	0	dr	2
CAIRO GÎZA	00	6	00	0	0	0	—	17.5	+0.2	21.5	28	+1	13	0	61	0	dr	3
HELWÂN	00	7	14	1	0	0	—	17.5	+0.1	20.0	27	0	15	-1	53	0	dr	1
SUEZ	00	9	00	0	0	0	—			19.4	29	+1	16	-1	63	0	dr	2
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	17.6	+0.6	21.2	29	0	14	-1	55	0	2	0
MINYA	00	9	12	1	0	0	—	18.2	+1.3	20.6	28	0	15	0	52	0	0	—
ASYÛT	00	7	00	0	0	0	—	18.0	+1.4	21.8	27	-1	14	-1	59	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	17.8	+2.1	21.4		—		—	59	0	0	—
QENA	00	7	24	2	0	0	—	17.1	+1.9	18.4	31	-1	15	0	67	0	0	—
LUXOR	00	9	10	2	0	0	—	17.2	+2.0	22.2	32	-4	14		50	0	0	—
ASWÂN	00	9	32	3	0	0	—	17.1	+2.3	22.0	33	0	20	+2	50	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.2	-0.3	17.2	27	-2	13	+1	78	0	0	0
BAHARÎYA	00	8	00	0	0	0	—	17.0	-0.8	20.2	28	0	13	0	62	0	0	0
KHÂRGA	01	9	00	0	0	3	8			20.4	31	0	14	-1	53	0	0	—
DÂKHLA	01	8	00	0	1	4	5	18.6	+1.6	17.1	28	-2	12	-2	69	0	0	—
RED SEA																		
TÔR	00	7	28	1	0	0	—	15.9	+0.7	18.9	29	+2	15	-1	48	0	0	1
HURGHÂDA	00	9	26	3	0	0	—	16		23	27		17		38	0	0	0
QUSEIR	00	8	32	3	0	0	—	15.4	+0.6	25.6	29	0	22	+1	47	0	0	0
PORT SÛDÂN	01	8	30	3	8	4	4	13		29			27		70	dr	4	20
NORTH SÛDÂN																		
WÂDI HALFA	01	8	32	2	1	3	2	16		21			18		43	0	0	—
KAREIMA	00	8						12		28			19		40	0	0	1
'ATBARA	00	8	02	1	0	1	4	11		28			24		45	dr	dr	2
KHARTÛM	00	8	02	3	1	0	—	10		30					33	dr	dr	4
KASSALA	00	8	04	2	0	0	—	8		32			21		36	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	7	08	3	0	0	—	9		30					33	0	7	11
RENK												—		—		—	—	44
ROSEIRES																	33	31
EL OBEID	00	8	30	4	0	2	4,1	10		27			20		19	0	1	16
EL FÂSHER	00	8	00	0	0	1	1	—	—	21			16		23	0	0	6
GENEINA								—	—			—		—		—	—	4
KADUGLI												—		—		—	—	84
S. SÛDÂN																		
MALAKÂL																	53	79
WÂU																	47	133
JUBA																	25	105

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 6h. 30m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8h. 45m.	MINYA h. m.	ASYÛT 7h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM 6h. 30m.
03 26 45			02 16 10		02 04 05		02 36 15		06 03 30	03 04 25	06 01 10
06 27 50			05 24 10		05 30 05		05 01 30		09 05 35	06 06 45	09 02 15
09 27 50			08 28 15		10 28 10		10 33 10		15 05 20	09 07 40	15 05 20
12 28 40			10 27 20		15 32 15		15 11 05		24 05 25	15 03 40	21 06 25
15 27 40			15 25 25				20 18 05		30 35 10	21 02 15	24 06 25
18 27 45			20 26 25				25 23 05		33 34 15	24 35 05	30 20 05
21 28 45			25 24 30				30 23 20			30 31 05	33 19 05
			30 25 50				35 27 20			33 25 05	39 14 05
			40 25 60				40 26 20			39 18 10	

KASSALA 7h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. 15m.	EL FÂSHER 7h. m.	GENEINA h. m.	MALAKAL 7h. 15m.
06 10 20	09 10 15	06 36 35	09 36 15		09 14 15
09 11 25	15 12 25	09 03 65	15 04 40		15 10 05
15 04 20	21 12 25	15 03 45	21 05 40		21 06 25
21 03 15	24 13 25	21 06 15	24 04 35		30 05 30
24 01 15		24 05 15	30 34 10		33 06 35
30 03 10		30 11 15	33 36 15		39 07 40
33 01 15		33 13 15	39 05 25		45 13 15
39 29 05		39 19 10	45 03 30		
45 31 15		45 19 10	60 21 05		
			75 20 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			

CYPRUS SYNOPTIC 8h ON 6th

34784 00971 28162 14171 50302 51151
31889 01952 00013 13171 20401 97130.

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 13 (h. m.)
Sunset 17 04

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Thursday 6th — الساعة ١٤ يوم الخميس ٦ ; At 20h. on 6th — الساعة ٢٠ يوم الخميس 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																							
SALÛM																							130
MATRÛH	00	9	24	2	0	0	–	14.0	24.9	56	0	03	8	20	1	0	0	–	14.3	20.8	69	0	131
MARIUT	00	7	23	4	0	5	8	14	25	51	0	00	7	00	0	0	0	–	14	19	78	0	150
ALEXANDRIA	01	9	24	5	2	3	8	14.8	24.2	50	0	00	5	00	0	0	0	–	15.1	21.2	69	0	132
DAMIETTA	01	8	20	4	1	3	8	14.2	25.0	48	0	00	7	20	1	1	0	–	15.0	22.4	54	0	159
PORT SA'ÎD	00	8	24	4	0	2	8	15	25	51	0	00	7	26	2	0	0	–	16	23	61	0	134
EL 'ARÎSH	00	9	32	2	0	2	8	14.7	24.9	67	0	00	9	16	1	0	0	–	15.5	23.4	75	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	28	4	1	4	8	15.5	26.3	48	0	00	7	28	3	1	0	–	15.5	19.0	83	0	136
MANSÛRA	01	8	30	1	1	4	8	14.8	26.0	45	0	00	6	04	1	1	0	–	16.2	20.8	65	0	137
TANTA	01	8	30	2	1	4	8	15.2	26.5	43	0	00	8	20	1	1	0	–	16.4	18.1	75	0	138
ZAGAZIG	01	6	24	2	1	4	8	14.7	26.4	50	0	00	6	00	0	0	0	–	15.4	18.2	78	0	139
SHEBÎN EL KÔM	01	8	22	3	1	4	8	14.8	27.9	38	0	00	7	22	2	0	0	–	16.0	20.0	62	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	24	3	0	4	8	14.5	26.7	38	0	00	7	00	0	0	0	–	15.6	21.0	65	0	141
CAIRO EZBEKÎYA	01	8	28	1	1	3	8	15.0	27.1	38	0	01	7	00	0	1	3	8	15.8	20.2	66	0	—
CAIRO GÎZA	01	3	28	1	1	3	8	15.2	28.0	40	0	01	7	00	0	1	3	8	15.5	19.8	72	0	—
HELWÂN	01	9	28	1	0	3	8	14.7	25.5	39	0	00	7	00	0	0	3	8	16.2	22.1	47	0	143
SUEZ	01	9	16	1	1	3	3		27.6	44	0	00	9	28	1	0	0	–		21.8	48	0	144
UPPER EGYPT																							
FAIYÛM	01	8	00	0	1	3	8	15.0	26.2	47	0	01	8	16	1	1	3	8	15.4	20.6	70	0	153
MINYA	01	8	32	1	1	3	1	15.0	27.0	37	0	00	8	30	1	1	0	–	15.5	20.7	64	0	154
ASYÛT	00	8	20	1	0	0	–	15.6	25.1	43	0	00	6	22	1	0	0	–	16.4	20.4	53	0	155
NAG' HAMÂDI	00	8	32	1	0	0	–	14.7	26.6	42	0	01	8	00	0	1	5	6	15.5	19.0	74	0	164
QENA	02	8	24	1	1	6	4	13.4	27.1	51	0	01	6	22	2	2	4	3	14.7	21.0	57	0	156
LUXOR	02	9	28	2	2	5	3	13.9	31.3	31	0	01	8	30	2	1	4	3	14.4	23.2	48	0	157
ASWÂN	00	9	00	0	0	0	–	12.4	30.2	34	0	00	9	32	1	0	0	–	14.6	26.0	36	0	158
WESTERN DESERT																							
SÎWA	00	8	24	4	0	0	–	17.5	26.0	42	0	00		00	0	0	0	–	16.4	19.4	68	0	148
BAHARÎYA	01	8	32	1	1	3	8	15.0	27.5	35	0	00	7	00	0	0	0	–	15.8	21.0	53	0	149
KHÂRGA	01	9	02	1	1	3	8	–	27.2	33	0	00	9	00	0	0	0	–	–	21.2	47	0	151
DAKHLA	02	8	28	1	1	5	5	15.2	26.4	55	0	01	8	28	1	1	4	5	15.2	23.3	59	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	–	13.5	26.9	46	0	00	7	00	0	0	0	–	13.8	24.2	56	0	145
HURGHÂDA												00	8	26	2	0	0	–	14	23	44	0	146
QUSEIR	02	8	02	2	2	5	5	13.6	26.4	55	0	01	8	32	2	2	3	4	13.9	25.0	52	0	147
PORT SÛDÂN	00	8	08	3	3	3	8,4	10	26	79	dw												208
NORTH SÛDÂN																							
WÂDI HALFA	01	8	02	3	1	3	1	12	32	26													165
KAREIMA	00	8	02	4	0	3	8,1	7	37	17													166
'ATBARA	00	8	32	2	0	1	8	6	37	22													167
KHARTÛM	01	8	04	2	0	4	8	5	38	24													209
KASSALA	00	8	26	2	0	0	–	5	38	21													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	32	4	0	5	8	3	39	20													171
RENK																							182
ROSEIRES	00	8	20	1	0	0	–	6	35	39													172
EL OBEID	00	9	02	4	0	1	8,2	3	37	13													174
EL FÂSHER								—											—				175
GENEINA								—											—				179
KADUGLI	01	8	04	2	1	3	1	5	38	18													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU	01	8	06	3	1	4	8,4	5	33	29													177
JUBA																							[illegible]

UPPER WINDS ON 7th — الرياح العليا يوم ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM 13 h. 15 m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL h. m.	JUBA h. m.
									06 05 10	06 00 00	06 02 25		
									09 07 15	09 07 15	09 03 45		
									15 07 20	15 02 15	12 02 45		
										21 04 05	15 02 25		
										30 10 05	21 07 10		
										39 05 05	30 07 15		
										45 11 05	39 13 15		
										60 22 05	45 14 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	63	-4	17.5	-0.7
Ezbekiya	55	-13	16.5	-0.7
Giza	59	-11	17.6	+0.6
Helwân	45	-11	15.8	0.0
GÎZA	GRASS MINIMUM TEMP. ON 7th		9.3 °C	
CAIRO	WATER TEMP. RIVER NILE AT 8h. ON		°C	

Discharges at Aswân measured by sluices m³ per sec. — DATE	1947	1946
7-11	1504	3241
6-11	1504	3241

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba		13.66	-0.05	13.66	-0.03
Nâsser		11.00	+0.44	11.00	+0.43
Malakâl		12.43	+0.10	12.43	+0.10
J. Aulia Res.				377.16	
J. Aulia D.S				372.54	-0.45
Roseires		14.78	+0.24	14.78	+0.18
Sennar Res.		418.50	–	418.38	
Khartûm		12.14	-0.48	12.20	-0.46
Kh. el Girba					
'Atbara		11.63	-0.24	11.67	-0.24
Kajnarti		136.21	-0.73	136.32	-0.76
Aswân Res.		118.03	–	117.71	–
Aswân D.S		86.14	-1.93	86.12	-2.07
Roda (Cairo)		16.78	-0.90	16.85	-0.90

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 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												—		—				5
MATRÛH	01	9	20	3	1	3	8	13.2	-4.2	18.2	26	+1	16	0	67	0	R	20
MARIUT	00	7	20	3	0	2	4	13		19	25	—	14	—	64	0	2	10
ALEXANDRIA	00	9	20	3	0	0	–	14.3	-3.6	20.0	25	-1	17	-1	57	0	27	12
DAMIETTA	01	8	16	2	1	3	6	14.4	-2.0	19.0	26	—	13	—	72	0	6	9
PORT SA'ÎD	00	7	18	4	0	3	8,4	15		21	26		18		65	0	1	5
EL 'ARÎSH	00	9	16	1	0	2	8	15.4	-1.1	21.2			14	0	47	0	dr	6
LOWER EGYPT																		
DAMANHÛR	00	7	24	3	0	0	–	14.7	-2.8	18.3	27	-1	15	0	87	0	4	6
MANSÛRA	00	8	20	1	0	0		14.7	-2.0	18.0	28	0	14	-1	71	0	6	4
TANTA	00	8	00	0	0	0	–	15.9	-1.7	20.4	28	0	13	-1	63	0	dr	4
ZAGAZIG	00	6	20	2	0	0	–	15.1	-2.1	20.6	29	+1	14	0	68	0	1	2
SHEBÎN EL KÔM	00	8	20	2	0	0	–	15.5	-1.9	17.2	29	—	15	—	64	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	18	2	0	2	1	15.2	-2.0	20.9	28	—	16	—	63	0	4	—
CAIRO EZBEKÎYA	00	6	14	1	0	0	–	16.2	-1.0	19.8	28	0	16	+1	74	0	dr	2
CAIRO GÎZA	00	6	14	1	0	0	–	16.0	-1.3	21.1	29	+2	13	0	58	0	dr	3
HELWÂN	00	7	00	0	0	3	4	15.6	-1.9	20.1	27	0	17	+1	49	0	dr	1
SUEZ	01	9	04	1	1	3	3	–	–	19.4	29	+1	14	-3	68	0	dr	3
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	–	15.8	-1.2	19.9	28	-1	14	0	57	0	2	0
MINYA	01	8	02	1	1	4	1	16.3	-0.7	21.8	29	+2	16	+1	57	0	0	—
ASYÛT	0															0	0	0
NAG' HAMÂDI	00	8	00	0	0	–	–	15.5	-0.2	22.3		—		—	59	0	0	—
QENA	00	7	24	2	0	0	–	14.7	-0.6	19.2	28	-4	16	+1	63	0	0	—
LUXOR	01	7	26	2	1	3	3	15.2	-0.1	23.0	32	–	14	–	52	0	0	—
ASWÂN	00	9	00	0	0	0	–	14.6	-0.3	20.7	32	-1	17	-1	54	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	16.7	-1.9	17.0	26	-3	13	+2	61	0	0	0
BAHARÎYA	01	8	00	0	1	3	8	15.6	-2.3	19.0	28	0	12	-1	68	0	0	0
KHÂRGA	00	9	00	0	0	0	–	–	–	18.0	29	-1	13	-2	54	0	0	—
DÂKHLA	01	8	00	0	1	4	6	16.4	-0.7	18.3	27	-3	13	-1	68	0	0	—
RED SEA																		
TÔR	00	7	04	3	0	0	–	13.5	-1.7	20.8			15	-1	41	0	0	1
HURGHÂDA	01	9	26	2	0	3	4,5	14		23	27		19		47	0	0	0
QUSEIR	01	8	30	3	1	4	4	13.9	-0.9	25.6	28	-1	22	+1	40	0	0	1
PORT SÛDÂN	01	8	02	3	1	3	4	12		29			26		70	dw	4	22
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	1	1	14		20			16		49	0	0	—
KAREIMA	00	8	06	4	0	2	2	10		27			24		25	0	0	1
'ATBARA	00	8	04	1	0	0	–	10		28			24		37	0	dr	2
KHARTÛM	00	8	02	3	0	0	–	9		28			25		35	0	dr	4
KASSALA	00	8	06	3	0	0	–	7		31			26		41	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	7	04	3	0	0	–	9		28					40	0	7	4
RENK	00	9	20	2	0	0	–	8		30		—		—	59	—	—	45
ROSEIRES	00	8	16	2	0	0	–	7		23					84	0	33	32
EL OBEID	00	8	30	4	0	1	4	8		28			23		31	dr	1	16
EL FÂSHER	00	8	00	0	0	2	1	—	—	22			16		38	0	0	6
GENEINA	01	8	32	2	1	4	3	—	—	21		—	14	—	28	—	—	4
KADUGLI	00	8	28	2	0	0	–	9		32		—		—	50	—	—	34
S. SÛDÂN																		
MALAKÂL	00	8	06	1	0	2	4	8		27			22		74	0	53	77
WÂU	01	8	00	0	1	4	4	8		25			21		74	0	47	134
JUBA																	25	106

UPPER WINDS ON 7th — الرياح العليا يوم ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 6 h. 30 m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7 h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 6 h. 45 m.
03 27 30								03 03 35	00 03 35	03 04 35	06 04 40
06 28 30								06 02 45	09 04 35	06 04 20	09 04 40
09 27 35								09 01 30	15 05 30	09 07 20	15 04 30
12 26 20								15 06 15	21 04 20	15 01 20	21 05 20
15 26 40								21 27 02	24 04 15	21 32 15	27 10 10
18 27 30								24 27 05	27 01 10	✓	30 03 02
21 27 30								✓	30 01 05		
✓									33 35 05		
									36 35 15		

KASSALA 7 h. m.	PORT SÛDÂN h. m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA 7 h. 15 m.	MALAKAL 7 h. m.
03 10 20		06 01 35	09 00 00	09 01 20	06 03 10
09 10 25		09 02 35	15 03 40	15 09 40	09 01 05
15 11 25		15 05 45	21 06 55	27 09 35	15 31 05
21 09 30		21 07 35	27 08 40	– –	21 07 20
24 07 25		27 07 25	30 14 20		24 07 20
30 03 20		30 16 20	33 11 20		30 06 20
33 03 20		33 16 20	39 06 25		33 06 20
39 03 20		✓	45 06 40		39 07 30
45 07 15			60 04 25		✓

CYPRUS SYNOPTIC 8h ON 7th
3470. 02995 00065 13151 40402 09132.
3:823 01962 00087 12151 20300 01121.

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			

WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) — Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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

72737

Time of Sunrise h. m. 06 13 — Sunset h. m. 17 04

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

Month *November* 1947 — شهر نوفمبر ١٩٤٧

STATION	At 14h. on *Friday 7th* (الساعة ١٤ يوم ٧) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force 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 *7th* (الساعة ٢٠ يوم الجمعة ٧) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force 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	05	7	24	4	3	4	8	10.8	24.4	63	0	05	7	24	4	0	0	—	4.6	20.8	81	0	131
MARIUT	00	7	22	5	0	1	8,1	10	27	35	0	01	7	20	2	0	0	—	10	19	64	0	150
ALEXANDRIA	00	9	20	6	0	0		11.4	25.0	45	0	00	5	20	2	0	0	—	10.0	21.0	49	0	132
DAMIETTA	01	8	18	3	1	3	8	11.8	25.9	43	0	00	6	16	1	0	0	—	11.1	18.0	71	0	159
PORT SAʿÎD	00	7	22	2	0	2	8	12	27	40	0	00	7	20	1	0	0	—	11	22	69	0	134
EL ʿARÎSH	00	9	28	4	0	0	—	11.7	25.1	65	0	00	9	32	2	0	0	—	11.2	19.8	66	0	135
LOWER EGYPT																							
DAMANHÛR	00	7	24	5	0	3	8	12.3	27.0	45	0	01	7	24	3	1	3	8	11.5	20.0	80	0	136
MANṢÛRA	01	8	20	2	1	4	8	12.2	27.0	43	0	00	6	04	1	1	0	—	11.1	18.8	70	0	137
ṬANṬA	01	8	20	2	1	4	8	12.7	27.4	39	0	01	8	00	0	1	4	8	12.3	18.0	71	0	138
ZAGAZIG	01	6	24	2	2	4	8	12.8	25.4	60	0	00	6	32	2	0	0	—		22.8	70	0	139
SHEBÎN EL KÔM	08	8	12	4	8	4	8	13.0	27.2	32	0	00	7	28	2	0	0	—		20.0	57	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	22	3	0	2	1	13.0	27.3	54	0	00	7	16	2	0	0	—	11.6	22.5	61	0	141
CAIRO EZBEKÎYA	02	8	26	1	1	5	1	13.2	28.6	39	0	00	7	12	2	0	0	—	12.8	21.8	50	0	—
CAIRO GÎZA	02	8	26	1	1	5	1	13.5	28.5	38	0	00	7	12	2	0	0	—	13.0	20.9	57	0	—
ḤELWÂN	00	9	18	3	0	3	3	12.2	26.0	35	0	00	7	18	1	0	1	2	12.0	21.3	46	0	143
SUEZ	01	9	161	1	1	3	1		26.2	44	0	00	9	00	0	0	0	—		22.4	62	0	144
UPPER EGYPT																							
FAIYÛM	01	8	18	1	1	4	4	12.2	27.0	40	0	01	8	18	1	1	4	4	11.9	21.8	48	0	153
MINYA	02	8	32	2	2	5	2	13.8	26.6	38	0	01	8	32	1	1	3	2	12.7	21.5	60	0	154
ASYÛT	00	8	20	1	0	0	—	12.8	26.3	41	0	00	6	22	1	0	0	—	13.8	20.0	66	0	155
NAG ḤAMÂDI	00	8	24	1	0	0	—	11.9	29.2	36	0	00	8	26	1	0	0	—	12.6	20.7	62	0	164
QENA	01	9	22	2	0	4	3	11.5	27.4	41	0	01	6	24	2	1	4	3	11.6	21.8	54	0	156
LUXOR	01	9	22	2	1	3	3	11.4	30.5	34	0	01	8	26	2	1	3	3	12.3	22.8	47	0	157
ASWÂN												00	9	32	2	0	0	—	11.2	25.0	40	0	158
WESTERN DESERT																							
SÎWA	00	8	24	2	0	0	—	14.4	25.6	40	0	00		00	0	0	0	—	12.2	19.2	70	0	148
BAHARÎYA	02	8	24	1	1	5	6	12.3	26.5	34	0	00	7	32	1	0	0	—	12.7	19.0	46	0	149
KHÂRGA	01	9	03	1	1	4	8		27.2	30	0	00	9	00	0	0	0	—		22.8	33	0	151
DAKHLA	01	9	28	1	1	4	5	12.3	27.6	48	0	00	8	00	0	0	0	—	13.8	22.0	58	0	152
RED SEA																							
ṬÔR	01	7	28	4	0	2	4	12.0	26.5	58	0	01	7	28	2	0	3	4	12.4	23.5	47	0	145
HURGHÂDA	01	9	30	1	1	2	4,5	11	26	55	0												146
QUṢEIR	01	8	32	3	1	2	2	11.5	26.6	61	0	00	8	28	2	0	0	—	11.8	24.0	57	0	147
PORT SÛDÂN	25	8	06	3	8	3	8	9	31	66	R												208
NORTH SÛDÂN																							
WÂDI ḤALFA	00	8	32	3	1	0	—	10	28	27													165
KAREIMA	00	9	06	2	0	2	8	6	36	13													166
ʿATBARA	00	8	04	1	0	2	8	4	37	19													167
KHARTÛM	00	8	02	3	0	1	8	4	37	24													209
KASSALA	00	8	32	2	0	0	—	1	38	15													170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	04	4	0	4	8	2	38	21													171
RENK	00	9	20	2	0	0	—	2	38	29													182
ROSEIRES	00	8	20	2	0	0	—	3	34														172
EL OBEID	01	8	04	3	1	4	4,1	5	34	27													174
EL FÂSHER								—												—			175
GENEINA	00	8	04	3	1	3	1	6	36	13										—			179
KADUGLI	01	8	03	2	1	3	3	5	36	31													187
S. SÛDÂN																							
MALAKÂL	01	8	18	2	1	4	9,4	3	33	44													176
WÂU	01	8	02	4	1	5	9,4	3	34	36													177
JUBA	02	8	02	1	1	8	8,4,2	3	36	29													17[illegible]

UPPER WINDS ON 7th (الرياح العليا يوم ٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAʿÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI ḤALFA 13h. m.	KAREIMA 12h. 45m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. 15m.	MALAKAL 10h. m.	JUBA 13h. m.
							09 35 05	09 02 20	09 03 25	09 04 05	09 03 30	09 15 20	09 07 30
							15 33 05	15 02 20	15 06 20	15 05 05	15 04 35	15 15 15	15 11 20
							21 33 20	21 12 05	21 05 10		21 05 40	21 16 15	21 14 05
							30 25 20	30 26 10	30 04 05		24 05 20	30 13 10	30 10 20
							33 26 20	33 23 05	33 09 05		30 01 30	33 13 05	39 07 15
							39 27 10	39 26 15	39 02 15		33 07 30		45 16 30
							45 25 10	45 23 10	45 03 25		39 18 20		60 05 20
								51 05 05			48 14 05		
								60 35 05			60 30 20		

Remarks

Hours are Egyptian standard time, long 30°E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
8-11		3241
7-11	1504	3241

STATION	Mean of day: Humidity % on 7th	Diff from normal	Wet Bulb Temp °C on 7th	Diff from normal
Alexandria	49	-18	15.9	-2.1
Ezbekiya	55	-13	17.4	+0.3
Giza	51	-19	17.2	+0.8
Helwân	43	-13	15.3	-0.5

GÎZA — GRASS MINIMUM TEMP. ON 8th 9.3 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON .... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.64	-0.05
Nâsser				11.00	+0.44
Malakâl		12.43	+0.10	12.43	+0.10
J. Aulia Res.					
J. Aulia D.S					
Roseires	11	14.80	+0.33	14.78	+0.24
Sennar Res.				418.50	-
Khartûm	1			12.14	-0.48
Kh. el Girba					
ʿAtbara		11.59	-0.23	11.63	-0.24
Kajnarti	8			136.21	-0.73
Aswân Res.				118.03	-
Aswân D.S				86.14	-1.93
Roda (Cairo)		16.72	-0.89	16.78	-0.90

Printed by the Survey of Egypt, 1945 (45/306)

STATION	At 8h. on *Saturday 8th* (الساعة ٨ يوم السبت ٨) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				6
MATRÛH	01	9	24	4	6	4	5	10.4	-7.0	15.2	25	0	14	-2	70	R.	Rain	21
MARIUT	82	6	24	4	8	8	9	9		17	27	—	15	—	77	5	7	11
ALEXANDRIA	03	7	20	5	6	8	9	9.2	-8.6	18.0	25	-1	15	-3	71	6	33	13
DAMIETTA	14	8	20	5	1	4	6	8.0	-8.5	18.5	27	—	13	—	66	0	6	9
PORT SAʿÎD	01	7	21	6	0	5	9,4	9		20	27				60	0	1	6
EL ʿARÎSH	00	9	18	2	0	0	—	9.5	-7.0	19.7	29	+3	15	+1	60	0	dr	7
LOWER EGYPT																		
DAMANHÛR	20	6	24	3	6	7	5	9.4	-8.2	16.2	27	0	14	-1	94	3	3	7
MANṢÛRA	01	7	20	2	1	5	6	9.1	-7.7	17.5	27	0	14	-1	70	0	6	4
ṬANṬA	03	6	24	3	1	8	7	10.0	-7.7	17.0	28	0	14	0	77	0	dr	4
ZAGAZIG	00	6	24	2	0	2	8	9.9	-7.4	18.2	29	+1	15	+1	71	0	1	2
SHEBÎN EL KÔM	01	8	24	3	1	4	9	10.4	-7.0	18.0	29	—	16	—	62	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	18	4	0	4	4,5	10.6	-6.6	18.0	28	—	16	—	68	0	tr	—
CAIRO EZBEKÎYA	02	6	00	0	1	5	4	11.9	-5.3	17.2	29	+2	16	+1	69	0	dr	2
CAIRO GÎZA	02	6	00	0	1	5	4	11.8	-5.5	19.0	29	+2	13	0	56	0	dr	3
ḤELWÂN	00	8	16	3	0	3	4	11.6	-5.9	16.8	27	0	14	-1	61	0	dr	1
SUEZ	30	9	18	2	0	0	—			18.0	28	0	16	-1	40	0	dr	3
UPPER EGYPT																		
FAIYÛM	01	8	18	2	1	4	4	12.2	-4.9	19.5	28	0	14	0	55	0	2	0
MINYA	01	8	16	2	1	3	2	13.5	-3.6	18.8	28	+1	15	+1	51	0	0	—
ASYÛT																	0	0
NAG ḤAMÂDI	00	8	00	0	0	0	—	14.8	-1.0	19.9		—		—	59	0	0	—
QENA	00	7	24	2	0	0	—	13.9	-1.5	19.1	31	-1	16	+1	60	0	0	—
LUXOR	01	9	12	2	1	3	1	13.5	-1.9	23.0	31	-1	14	0	59	0	0	—
ASWÂN	00	9	32	2	0	0	—	14.0	-1.0	21.7	32	-1	17	-1	51	0	0	—
WESTERN DESERT																		
SÎWA	00	7	24	3	0	0	—	15.8	-2.8	16.2	26	-3	14	+3	72	0	0	0
BAHARÎYA	01	8	32	1	1	4	8	12.2	-4.7	18.0	27	-1	12	-1	53	0	0	0
KHÂRGA	00	9	00	0	0	0	—			19.0	29	-1	13	-2	61	0	0	—
DÂKHLA	00	8	00	0	0	0	—	15.4	-1.8	17.0	28	-2	12	-2	71	0	0	—
RED SEA																		
ṬÔR	00	7	04	2	0	0	—	10.2	-5.1	18.2	27	0	15	-1	31	0	0	1
HURGHÂDA	01	9	28	4	0	0	—	12		24	26		16		41	0	0	0
QUSEIR	00	8	28	2	1	2	4	11.5	-3.4	25.0	28	0	21	0	39	0	0	1
PORT SÛDÂN	25	9	30	2	8	4	6	11		28			25		74	dr	4	23
NORTH SÛDÂN																		
WÂDI HALFA	01	8	02	3	0	3	4	14		19			15		49	0	0	—
KAREIMA	00	8	04	3	0	2	2	11		25			21		22	0	0	1
ʿATBARA	00	8	32	2	0	0	—	9		27			23		37	0	dr	2
KHARTÛM	00	8	02	4	0	3	1	9		28			24		35	0	dr	4
KASSALA	00	7	04	1	0	0	—	7		31			26		46	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	7	04	4	0	0	—	8		28					40	0	7	11
RENK	00	9	20	2	0	0	—	8		30		—		—	57	—	—	45
ROSEIRES	00	8	28	2	1	0	—	8		23						0	33	32
EL OBEID	01	9	30	3	0	3	1	9		27			23		23	0	1	16
EL FÂSHER	00	8	08	2	0	1	1	—	—	22			16		33	0	0	6
GENEINA								—	—			—		—		—	—	4
KADUGLI	00	8	30	1	0	0	—	8		26		—		—	62	—	—	84
S. SÛDÂN																		
MALAKÂL	82	8	20	3	8	5	6,4	8		26			22		74	dr	53	80
WÂU	61	8	18	3	6	7	4,5	9		23			23		84	1	48	134
JUBA	02	8	18	1	1	7	4	10		26			21		62	0	25	187

UPPER WINDS ON 8th (الرياح العليا يوم ٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAʿÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM h. m.
							02 01 15	03 01 25	06 35 35	03 02 15	
							05 30 35	06 01 40	09 02 25	06 02 60	
							10 33 30	09 36 40	15 01 20	09 02 40	
							15 23 25	15 27 35	21 28 10	15 36 25	
							20 20 15	21 22 15	30 27 15	21 26 05	
								30 26 25	39 26 30	30 27 20	
								39 25 30	45 24 25	39 35 50	
								45 35 40		45 25 35	
								60 25 65			

KASSALA 7h. m.	PORT SÛDÂN 7h. 15m.	EL OBEID 7h. m.	EL FÂSHER 7h. 15m.	GENEINA h. m.	MALAKAL h. m.
06 08 15	03 09 15	06 36 25	09 01 20		
09 06 20	06 10 20	09 03 65	15 04 25		
15 30 15	09 12 25	15 04 50	21 06 05		
21 29 20	15 14 25	21 06 15	30 01 10		
		30 19 15	39 03 20		
		39 09 15			
		45 07 25			

CYPRUS SYNOPTIC 8h ON 8th

34780 60808 18368 03181 70207 40142
34892 60858 18168 03161 1XX47 03142

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			

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 [illegible] Sunset [illegible]

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month *November* 1947 — شهر نوفمبر ١٩٤٧

At 14h. on *Saturday 8th* — الساعة ١٤ يوم ١١/٨ ; 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	01	9	28	4	0	4	9	12.2	19.8	60	0	01	8	28	4	0	4	9	15.5	20.1	65	0	131
MARIUT	02	7	26	5	8	5	9	9	20	60	4	00	7	26	5	1	1	6	13	19	52	0	150
ALEXANDRIA	02	9	24	7	6	5	9	9.5	19.0	63	5	01	5	24	8	2	3	4	13.2	18.6	55	0	132
DAMIETTA	02	8	20	4	6	5	9	8.6	18.7	63	3	01	7	20	3	9	3	7	10.6	15.7	82	1	159
PORT SA'ÎD A.P.	01	8	23	6	6	4	9	9	20	68	3	00	7	22	5	0	3	9	10	18	68	0	134
EL 'ARÎSH	01	9	20	4	5	4	8	9.2	20.9	80	dr	01	9	20	5	1	4	8	10.7	18.6	68	0	135
LOWER EGYPT																							
DAMANHÛR	02	7	28	4	6	5	8	9.6	21.3	67	2	01	6	28	3	6	4	8	12.6	16.0	82	1	136
MANSÛRA	01	8	20	3	6	4	8	9.1	21.0	53	2	00	6	20	2	1	0	–	12.3	16.0	83	0	137
TANTA	02	7	20	5	5	5	8	10.2	19.0	67	dr	01	8	20	1	5	5	8	11.9	14.6	93	dr	138
ZAGAZIG	21	6	24	4	5	5	8	9.8	21.6	48	dr	01	6	24	2	1	4	4	10.8	19.4	90	0	139
SHEBÎN EL KÔM	01	6	22	5	5	5	6	10.8	21.9	45	dr	00	7	22	2	1	0	–		16.7	71	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	7	23	5	5	1	6	10.3	22.1	64	tr	00	7	22	2	0	0	–	13.9	18.2	76	0	141
CAIRO EZBEKÎYA	00	8	26	4	5	0	–	10.8	22.2	40	dr	00	7	26	1	0	0	–	14.0	17.8	66	0	—
CAIRO GÎZA	00	8	26	4	5	0	–	11.2	22.0	39	dr	00	7	26	1	0	0	–	14.2	17.2	63	0	—
HELWÂN	00	7	24	6	5	0	–	10.7	21.4	38	dr	00	6	28	3	0	0	–	14.6	17.4	54	0	143
SUEZ	01	9	22	2	1	5	4		25.0	36	0	00	9	26	2	0	0	–		20.2	51	0	144
UPPER EGYPT																							
FAIYÛM	00	8	18	2	0	0	–	11.1	22.3	41	0	00	8	18	1	0	0	–	14.7	18.6	60	0	153
MINYA	00	8	24	4	1	0	–	11.8	24.8	37	0	00	8	30	1	1	0	–	15.6	17.5	56	0	154
ASYÛT	00	8	26	1	0	0	–	12.8	26.1	39	0	00	6	22	1	0	0	–	15.5	18.9	47	0	155
NAG' HAMÂDI	00	8	26	1	0	0	–	11.9	27.0	36	0	00	8	00	0	0	0	–	14.4	19.3	62	0	164
QENA	00	7	20	3	0	0	–	10.7	26.2	40	0	00	6	24	2	0	0	–	12.2	20.0	49	0	156
LUXOR	00	9	26	3	0	0	–	11.1	28.5	31	0	00	8	30	3	0	0	–	12.3	21.3	42	0	157
ASWÂN	01	9	32	2	1	3	1	10.8	28.5	26	0	00	9	32	[illegible]	0	0	–	13.6	24.0	39	0	158
WESTERN DESERT																							
SÎWA	00	8	28	4	0	0	–	16.0	22.2	42	0	00		28	4	0	0	–	16.8	17.4	57	0	14[illegible]
BAHARÎYA	00	8	28	2	0	0	–	13.0	21.0	24	0	00	7	28	1	0	0	–	15.8	17.0	52	0	149
KHÂRGA	00	9	26	1	0	0	–	–	27.1	25	0	00	9	00	0	0	0	–	–	21.9	43	0	151
DAKHLA	00	8	28	4	0	0	–	12.4	26.0	62	0	00	8	00	0	0	0	–	14.2	21.8	67	0	152
RED SEA																							
TÔR	00	7	28	3	0	0	–	11.0	27.2	49	0	00	7	28	5	0	0	–	12.4	24.2	47	0	145
HURGHÂDA A.P.	00	9	26	4	0	0		10	30		0	00	9	29	4	0	0	–	12	23	38	0	146
QUSEIR	00	8	02	2	0	0	–	10.6	26.9	50	0	00	8	32	2	0	0	–	11.6	24.0	60	0	147
PORT SÛDÂN	01	8	08	3	8	4	8,1	8	32	63	dr												208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	01	9	04	4	1	4	1	8	37	11													166
'ATBARA	01	8	32	2	1	5	8,1	5	35	25													167
KHARTÛM	01	8	32	3	1	4	2	5	36	22													209
KASSALA	00	8	12	2	0	2	1	2	38	25													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	32	1	0	0	–	3	37	24													171
RENK	00	9	20	3	0	0	–	4	37	27													182
ROSEIRES	00	8	20	1	0	0	–	4	38	54													172
EL OBEID	02	8	02	4	1	8	2	4	34	20													174
EL FÂSHER	01	8	04	1	1	4	1	=	33	11										—				175
GENEINA	01	8	04	3	1	4	2	=	36	11										—				179
KADUGLI	01	8	04	3	1	3	1	6	36	22													187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA																							1?3

UPPER WINDS ON 8th — الرياح العليا يوم ٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM 13h. m.	KASSALA 12h. 30m.	EL OBEID 12h. 45m.	MALAKAL h. m.	JUBA h. m.
									06 36 30	06 34 05	06 04 20		
									09 36 25	09 34 10	09 02 15		
									15 02 20	15 34 20	15 03 15		
									21 05 15		21 06 05		
											30 05 20		

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 8th	Diff from normal	Wet Bulb Temp °C on 8th	Diff from normal
Alexandria	59	-8	14.6	-3.3
Ezbekiya	61	-7	14.4	-2.6
Giza	53	-17	14.0	-2.7
Helwân	53	-3	12.9	-2.8

GÎZA — GRASS MINIMUM TEMP. ON *9th* 8.7 °C

CAIRO — WATER TEMP AT 8h. RIVER NILE ON .... °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
9-11	1504	3241
8-11	1504	3241

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.63	-0.05
Nâsser					
Malakâl		12.44	+0.12	12.43	+0.10
J. Aulia Res	11			377.08	–
J. Aulia D S				372.54	-0.38
Roseires		14.76	+0.33	14.80	+0.33
Sennar Res.					
Khartûm				12.08	-.50
Kh. el Girba					
'Atbara	9	11.55	-0.24	11.59	-0.2?
Kajnarti					
Aswân Res.		118.53	–	118.32	–
Aswân D.S		86.13	-1.70	86.11	-1.82
Roda (Cairo)		16.67	-0.88	16.72	-0.89

Printed by the Survey of Egypt, 1945 (45/306)

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	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												—		—				6
MATRÛH	01	9	26	4	5	5	8	17.1	-0.4	19.5?	21	-3	14	-2	41?	Rain	Rain	22
MARIUT	03	7	28	3	8	8	9	16		19	22	—	17	—	60	4	11	12
ALEXANDRIA	03	8	28	5	2	8	5	15.8	-2.1	18.8	22	-4	15	-3	60	5	38	14
DAMIETTA	02	8	20	3	2	6	6	14.4	-2.1	18.8	21	—	13	—	62	4	10	10
PORT SA'ÎD A.P.	01	7	22	4	1	5	9,4	15		17	21		11		68	3	4	6
EL 'ARÎSH	01	9	20	2	1	4	6	14.3	-2.3	16.3	21	-5	15	+1	78	dr	dr	7
LOWER EGYPT																		
DAMANHÛR	03	6	28	3	2	8	5	16.0	-1.7	16.0	21	-6	13	-2	85	3	6	7
MANSÛRA	01	8	20	1	1	3	6	15.5	-1.3	17.0	22	-5	13	-2	70	2	8	4
TANTA	02	6	20	1	1	5	7	17.0	-0.7	15.0	23	-4	11	-2	78	dr	dr	4
ZAGAZIG	01	6	20	3	1	4	8	16.6	-0.7	14.8	23	-5	12	-1	77	dr	1	3
SHEBÎN EL KÔM	01	8	22	1	1	4	8	17.0	-0.4	14.6	23	—	12	—	74	dr	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	7	18	2	1	5	6	17.4	+0.2	15.7	22	—	13	—	75	tr	tr	—
CAIRO EZBEKÎYA	05	5	00	0	1	8	7	17.6	+0.4	15.2	23	-4	14	-1	66	dr	dr	2
CAIRO GÎZA	05	5	00	0	1	8	7	18.3	+0.9	15.1	23	-4	12	-1	67	dr	dr	3
HELWÂN	18	5	16	3	3	8	7	18.6	+1.0	14.5	22	-4	12	-3	63	dr	dr	1
SUEZ	02	9	24	1	2	7	4			19.4	26	-2	15	-1	50	0	dr	3
UPPER EGYPT																		
FAIYÛM	01	8	00	0	1	4	6	19.0	+1.9	14.8	24	-4	12	-2	68	0	2	0
MINYA	00	8	28	1	1	2	1	19.0	+1.9	16.8	26	-1	11	-3	60	0	0	—
ASYÛT																0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	–	18.3	+2.4	17.6		—		—	62	0	0	—
QENA	00	7	04	2	0	0	–	17.8	+2.3	16.0	27	-5	13	-2	58	0	0	—
LUXOR	01	9	28	2	1	4	1	17.5	+2.1	20.0	27	-3	14	0	46	0	0	—
ASWÂN	02	9	32	2	1	5	4	17.5	+2.4	18.0	29	-3	16	-2	49	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	19.9	+1.3	14.0	23	-5	10	-1	67	0	0	0
BAHARÎYA	01	8	00	0	1	3	8	19.0	+1.1	18.0	22	-5	11	-2	53	0	0	1
KHÂRGA	00	9	00	0	0	0	–			17.7	28	-2	12	-2	58	0	0	—
DÂKHLA	02	6	00	0	2	6	5	19.4	+2.2	15.5	27	-3	10	-4	78	0	0	—
RED SEA																		
TÔR	00	7	28	4	0	0	–	16.0	+0.7	19.9	28	+1	15	0	50	0	0	1
HURGHÂDA A.P.	00	8	26	4	0	0	–	16		18	30		14		46	0	0	1
QUSEIR	01	8	26	2	0	3	1	15.8	+0.8	21.3	31	+3	18	-3	35	0	0	1
PORT SÛDÂN	00	8	32	3	0	1	8	10		30			25		66	dr	4	25
NORTH SÛDÂN																		
WÂDI HALFA	01	8	02	3	1	3	1	16		18			16		42	0	0	—
KAREIMA	00	8	02	4	0	3	1	14		22			17		23	0	0	1
'ATBARA	01	7	32	3	1	4	8,2	11		25			21		26	0	dr	2
KHARTÛM	01	8	02	4	0	3	2	11		24			22		34	0	dr	4
KASSALA	00	8	00	0	0	1	1	8		28			21		48	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	32	4	0	3	1	11		27					23	0	7	11
RENK												—		—		—	—	45
ROSEIRES	00	8	20	1	0	0	–	10		22					83	0	33	32
EL OBEID	00	8	30	4	0	3	2	12		24			20		22	0	1	16
EL FÂSHER								—	—							0	0	6
GENEINA	01	8	02	3	1	4	4,2	—	—	21		—	17	—	—	0	—	4
KADUGLI	00	8	04	2	0	0	–	11		27		—		—	58	—	—	84
S. SÛDÂN																		
MALAKÂL																0	53	80
WÂU	02	8	12	1	1	5	8,4	9		24			22		84	0	48	135
JUBA																0	25	108

UPPER WINDS ON 9th — الرياح العليا يوم ٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m	ABU HAMAD 7h. m.	KAREIMA 7h. m.	KHARTÛM 7h. m.
			02 18 10				02 36 25	03 02 30	06 36 60	03 02 45	06 04 30
			05 24 15				05 36 40	06 03 45	09 02 40	06 03 45	09 36 45
			08 22 20				10 34 30	09 03 40	12 04 15	09 04 45	15 36 25
			10 28 20				15 29 30	15 33 30	15 07 10	15 28 15	21 03 20
			15 29 30				20 28 15	21 32 15	21 18 15	21 25 05	30 02 20
			19 31 30					30 27 25	30 22 10	30 22 20	33 03 20
								33 27 20	33 23 10	33 33 20	39 02 40
								39 28 35	39 31 20	39 28 20	45 02 15
								45 27 35	45 27 25	45 22 20	

KASSALA h. m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. 15m.	EL FÂSHER h. m.	GENEINA 7h. 15m.	MALAKAL h. m.
	03 02 15	06 36 25		09 05 45	
	06 05 15	09 02 40		15 07 40	
	09 09 15	12 02 35		21 13 10	
	12 14 25	15 03 25		24 17 20	
	15 35 20	21 12 15			
	21 12 15	30 12 15			
	30 15 20	33 15 10			
	33 15 20	36 17 05			
	36 15 20				

CYPRUS SYNOPTIC 8h ON *9th*

34700 00990 24260 08141 11312 39119
34848 01952 26203 09130 90113

UPPER AIR TEMP. ALMÂZA — AT .... G.M.T. ON ....

HEIGHT FEET	P.P.P. mb.	TT °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

ANNUAL SUBSCRIPTION P.T. 150

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 6h 15m (?)
Sunset 17h 02m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Sunday 9th (الساعة ١٤ يوم ٩) — At 20h. on 9th (الساعة ٢٠ يوم الأحد 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	°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	21	9	24	2	5	6	9	19.6	17.8	81	R	01	8	30	2	0	4	9	19.0	19.1	71	0	131
Mariut	02	7	26	4	2	6	9	18	21	43	0	01	7	28	3	1	3	8	17	19	64	0	150
Alexandria	02	9	28	5	5	5	8		21.0	44	dr	02	5	28	5	2	5	5		17.7	64	0	132
Damietta	01	8	28	4	1	4	6	14.6	20.9	56	0	21	5	20	3	5	8	7	15.6	16.2	79	dr	159
Port Sa'îd	00	9	23	5	2	3	9,4	15	21	57	0	00	7	21	3	0	0	–	17	18	78	0	134
El 'Arîsh	00	9	24	4	0	2	8	14.2	22.1	69	0	00	9	28	4	0	0	–	15.4	19.1	71	0	135
LOWER EGYPT																							
Damanhûr	02	7	28	3	5	7	9	15.8	19.4	70	1	01	7	28	3	1	3	8	16.8	16.4	81	0	136
Manşûra	01	8	20	1	1	4	6	15.6	20.2	64	0	01	6	02	1	1	4	6	17.4	16.4	81	0	137
Ţanţa	03	7	20	1	2	8	7	15.9	21.0	65	0	01	8	20	1	1	4	8	17.9	15.2	79	0	138
Zagazig	01	6	24	2	1	4	8	15.9	21.2	59	0	00	6	32	2	0	0	–	16.8	17.2	80	0	139
Shebîn el Kôm	01	8	20	3	1	4	8	16.2	21.4	55	0	00	7	22	2	0	0	–	16.7	17.3	71	0	—
MIDDLE EGYPT																							
Cairo: Almâza	01	8	25	2	5	3	8,4,5	15.8	21.3	67	tr	01	7	26	2	1	4	6	17.4	19.0	79	0	141
Cairo: Ezbekîya	01	8	30	2	5	3	8	16.0	21.3	51	dr	01	7	30	2	1	3	8	17.6	18.7	67	0	—
Cairo: Gîza	01	8	30	2	5	3	8	16.3	21.4	50	dr	01	7	30	2	1	3	8	17.9	18.1	72	0	—
Helwân	00	8	30	2	5	3	8	16.2	20.0	48	dr	01	7	30	2	1	5	6	17.8	18.6	58	0	143
Suez	01	9	26	1	1	5	4		23.4	36	0	00	9	28	1	0	0	–		18.0	65	0	144
UPPER EGYPT																							
Faiyûm	01	8	02	1	1	4	6	17.1	22.0	49	0	01	8	02	1	1	4	6	17.2	18.0	72	0	153
Minya																							154
Asyûţ	00	8	28	1	0	0	–	16.7	21.8	37	0	00	6	26	1	0	0	–	17.9	17.2	59	0	155
Nag' Ḥamâdi	00	8	24	2	0	0	–	15.1	22.6	44	0	00	8	32	1	1	5	4	17.1	17.6	60	0	164
Qena	01	9	22	2	1	4	4	14.0	24.2	33	0	01	6	22	2	1	4	4	15.8	20.2	33	0	156
Luxor	02	9	30	3	2	5	2	14.6	25.0	31	0	02	8	26	2	2	5	2	15.9	20.5	37	0	157
Aswân	02	9	32	2	1	5	4	13.9	23.4	38	0	00	9	32	2	0	0	–	16.4	20.0	47	0	158
WESTERN DESERT																							
Sîwa	00	8	26	2	0	0	–	19.6	22.0	50	0	00		00	0	0	0	–	20.0	19.0	54	0	148
Bahariya	01	8	28	1	1	4	8	17.5	21.0	34	0	02	7	28	1	1	5	9	17.8	18.5	46	0	149
Khârga	01	9	30	1	1	3		–	21.7	29	0	00	9	02	1	0	0	–	–	18.0	38	0	151
Dakhla	02	8	28	3	1	5	5	16.8	20.8	61	0	00	8	28	1	0	0	–	18.8	15.6	73	0	152
RED SEA																							
Ţôr	00	7	28	5	0	0	–	13.8	23.3	56	0	0											145
Hurghâda	01	8	02	5	0	5	1	14	22	61	0												146
Quşeir	01	8	32	4	1	4	2	13.9	24.2	42	0	00	8	28	3	0	0	–	14.6	22.0	44	0	147
Port Sûdân	00	8	06	3	1	3	8	8	32	13													208
NORTH SÛDÂN																							
Wâdi Ḥalfa	01	8	02	4	1	6	1	13	26	21													165
Kareima	02	9	04	3	1	5	2	9	31	17													166
'Aţbara	01	7	32	3	1	4	2	6	34	22													167
Khartûm	02	8	32	3	1	5	1	7	33	23													209
Kassala	00	8	30	2	0	2	8,1	2	37	31													170
CENTRAL SÛDÂN																							
Wad Medani	02	8	32	3	0	7	1	5	28	45													171
Renk																							182
Roseires	00	8	20	1	0	0	–	4															172
El Obeid	02	8	02	3	1	8	4,2	6	31	11													174
El Fâsher	01	8	32	3	1	4	8,1	–	31	17									–				175
Geneina	01	8	04	4	1	4	2	–	33	15									–				179
Kadugli	00	8	04	2	0	0	–	6	36	17													187
S. SÛDÂN																							
Malakâl																							176
Wâu	01	8	32	2	1	4	8,1	4	33	41													177
Juba	02	8	02	2	1	8	8,4,5	4	37	25													178

UPPER WINDS ON 9th (الرياح العليا يوم ٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa h. m.	Kareima 13h. m.	Khartûm h. m.	Kassala 13h. m.	El Obeid 13h. 30m.	Malakal h. m.	Juba h. m.
								09 01 25		09 05 10	09 01 15		
								15 36 25			15 05 10		
								21 25 05			21 03 05		
								30 29 15			30 29 10		
								33 30 15			33 17 05		
								39 27 25			45 31 10		
											60 09 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 9th	Diff from normal	Wet Bulb Temp °C on 9th	Diff from normal
Alexandria	58	-9	14.3	-3.5
Ezbekiya	60	-8	14.2	-2.7
Giza	62	-8	14.2	-2.4
Helwân	55	-1	13.1	-2.5

GÎZA — GRASS MINIMUM TEMP. ON 10th 8.7 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON ... °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1947	1946
	10-11	1504	3241
	9-11	1504	3241

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser					
Malakâl		12.44	+0.12	12.44	+0.12
J. Aulia Res.				377.00	
J. Aulia D.S.				372.51	-0.38
Roseires	11	14.72	+0.35	14.76	+0.33
Sennar Res.				18.75	-
Khartûm	1			12.02	-0.51
Kh. el Girba					
'Atbara		11.52	-0.22	11.55	-0.24
Kajnarti	10			136.00	-0.75
Aswân Res.		118.78	-	118.53	-
Aswân D.S.		86.11	-1.58	86.12	-1.78
Roda (Cairo)		16.69	-0.80	16.67	-0.88

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Monday 10th (الساعة ٨ يوم الاثنين 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.	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												—		—				7
Matrûh	02	9	32	4	0	5	5	20.0	+2.5	19.0	20	-4	16	0	53	R	R	23
Mariut	01	8	28	3	8	3	8	18		20	22	—	18	—	46	dr	11	13
Alexandria	01	9	28	5	2	4	8	18.6	+0.7	19.0	22	-4	17	-1	48	dr	38	15
Damietta	02	8	20	1	1	5	6	16.3	-0.3	15.9	21	—	12	—	79	dr	10	10
Port Sa'îd	05	6	23	3	0	5	8	17		17	21		15		77	0	4	7
El 'Arîsh	02	9	20	2	2	5	8	16.6	0.0	18.2	24	-2	15	+1	73	0	dr	8
LOWER EGYPT																		
Damanhûr	03	6	28	3	2	8	5	18.2	+0.5	17.3	21	-6	13	-2	75	1	7	8
Manşûra	01	8	24	1	1	4	6	17.9	+1.0	15.5	22	-5	13	-2	82	0	8	4
Ţanţa	02	7	20	1	1	5	7	18.7	+0.9	14.4	22	-5	9	-4		0	dr	4
Zagazig	02	6	20	2	2	5	7	18.6	+1.2	14.4	23	-4	12	-1	87	0	1	3
Shebîn el Kôm	01	8	22	1	1	4	8	18.4	+0.9	14.2	22	—	12	—	78	0	dr	—
MIDDLE EGYPT																		
Cairo: Almaza	05	6	20	1	0	4	6	18.6	+1.3	17.1	22	—	12	—	71	tr	tr	—
Cairo: Ezbekîya	01	6	00	0	0	1	4	19.1	+1.8	17.6	23	-4	13	-2	65	dr	dr	2
Cairo: Gîza	01	6	00	0	0	1	4	19.4	+2.0	19.4	23	-3	10	-3	62	dr	dr	3
Helwân	05	6	00	0	0	1	4	19.5	+1.9	15.5	21	-5	13	-2	70	dr	dr	2
Suez	00	9	30	1	0	0	–			18.4	24	-4	16	0	52	0	dr	3
UPPER EGYPT																		
Faiyûm	01	8	00	0	1	3	6	19.9	+2.7	17.0	24	-4	13	-1	75	0	2	0
Minya																	0	—
Asyûţ																	0	0
Nag' Ḥamâdi	00	8	00	0	0	0	–	18.6	+2.6	16.0		—		—	63	0	0	—
Qena	00	7	20	3	0	0	–	17.5	+1.9	16.1	26	-5	12	-3	66	0	0	—
Luxor	00	9	06	2	0	0	–	17.2	+1.7		26	-6	11	-2	44	0	0	—
Aswân	00	9	32	2	0	0	–	17.8	+2.6	18.0	24	-8	14	-3	54	0	0	—
WESTERN DESERT																		
Sîwa	00	7	00	0	0	0	–	20.2	+1.5	15.0	23	-5	12	+1	78	0	0	0
Bahariya	01	8	28	1	1	4	8	19.2	+1.2	17.0	22	-5	12	0	65	0	0	1
Khârga	00	9	30	1	0	0	–			16.6	23	-7	12	-2	49	0	0	—
Dâkhla	00	8	28	1	0	0	–	19.8	+2.5	14.4	21	-9	10	-3	22	0	3	—
RED SEA																		
Ţôr	00	7	28	4	0	0	–			19.7			18	+3	40	0	0	1
Hurghâda	00	8	26	4	0	0	–	16		20	23		14		53	0	0	1
Quseir	00	8	32	4	0	0	–	15.4	+0.3	21.4	25	-3	19	-2	50	0	2	1
Port Sûdân	00	8	30	5	1	2	8	11		28			26		84	0	4	26
NORTH SÛDÂN																		
Wâdi Ḥalfa	00	8	02	2	0	2	3	18		15			14		42	0	0	—
Kareima	01		04	3	1	5	1	15		19			16		26	0	0	1
'Aţbara	01	7	32	2	0	3	2	10		23			21		41	0	dr	2
Khartûm	00	8	20	3	0	2	1	12		22			19		38	0	dr	4
Kassala	00	8	00	0	0	0	–	8		28			18		52	0	dr	8
CENTRAL SÛDÂN																		
Wad Medani																-	2	11
Renk	00	9	04	3	0	0	–	11		27		—		—	28	—	—	45
Roseires																—	33	32
El Obeid																	1	16
El Fâsher								—	—								0	6
Geneina								—	—			—		—		—	—	4
Kadugli	00	8	04	3	0	0	–	9		18		—		—		—	—	85
S. SÛDÂN																		
Malakâl																	53	81
Wâu																	48	135
Juba																	25	109

UPPER WINDS ON 10th (الرياح العليا يوم ١٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Helwân 8h. 30m.	Minya h. m.	Asyût h. m.	Luxor 7h. 30m.	Aswân 7h. m.	Wâdi Halfa 7h. m.	Abu Hamad 7h. m.	Kareima 7h. m.	Khartûm 6h. 15m.
			02 29 05			03 34 15	02 01 15	03 01 30	06 01 20	03 36 25	06 01 25
			05 32 20			09 36 30	05 01 30	06 03 45	09 03 15	06 04 45	09 36 40
			10 34 25			12 24 05	10 03 25	09 03 45	12 06 20	09 02 25	15 03 55
			15 34 30			15 30 05	15 27 10	15 03 15		15 33 05	21 09 25
			20 34 40			18 30 05	20 18 10	21 24 05		21 19 05	30 21 15
			30 29 30			21 24 05	25 22 10	30 26 20		30 24 25	33 12 10
			40 28 35			24 23 10	30 22 15	33 26 25		45 31 45	39 06 20
			50 27 65			27 25 15	40 25 35	36 27 30		54 27 10	42 04 20
			57 27 65			30 25 20	50 25 65				

Kassala 7h. m.	Port Sûdân 7h. 15m.	El Obeid h. m.	El Fâsher h. m.	Geneina h. m.	Malakal h. m.
06 03 15	03 01 25				
09 04 15	06 03 20				
15 02 25	09 06 20				
21 01 20	12 14 20				
27 11 20	15 11 20				
30 23 10	21 14 30				
33 21 15	30 19 20				
39 23 30					
51 18 30					

Upper Air Temp. Almâza — At G.M.T. on — Height feet	P P P m.b.	T T °F	t t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 10th
34770 02975 28213 13121 00404 27111
34887 81668 26188 [illegible] [illegible] 97xxx

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

CAIRO
Time of Sunrise h. 06 m. 14
Sunset h. 17 m. 02

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month *November* 1947 — شهر نوفمبر ١٩٤٧

At 14h. on *Monday 10th* (الساعة ١٤ يوم ١٠/١١) — Rain 8-14h — and At 20h. on *10th* (الساعة ٢٠ يوم الاثنين ١٠) — Rain 14-20h

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h 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	2	0	4	9	19.5	19.8	58	0	01	8	28	3	0	4	9	19.9	18.7	84	0	131
	MARIUT	02	8	30	3	2	5		18	20	46	0	01	7	30	3	1	4	6	18	18	56	0	150
	ALEXANDRIA	02	8	28	4	5	5	5	17.8	19.0	48	dr	01	5	28	6	2	4	8	18.7	19.0	46	0	132
	DAMIETTA	01	8	28	4	1	3	8	16.4	20.0	51	0	01	7	28	3	1	3	8	16.6	17.8	61	0	159
	PORT SA'ÎD /61	00	7	29	5	0	2	9	16	20	53	0	00	7	26	3	0	1	6	17	18	60	0	134
	EL 'ARÎSH	00	9	28	4	1	3	8	15.9	22.2	72	0	00	9	28	3	0	0	—	15.2	17.2	77	0	135
LOWER EGYPT	DAMANHÛR	01	7	32	4	1	4	8	17.9	20.6	62	0	01	7	32	3	1	3	8	17.9	16.6	78	0	136
	MANSÛRA	01	8	32	2	1	4	8	17.0	21.2	50	0	00	6	28	2	1	0	—	17.9		64	0	137
	TANTA	01	8	28	3	1	4	8	17.2	21.1	45	0	01	8	00	0	1	4	8	18.8	14.5	77	0	138
	ZAGAZIG	02	6	08	2	2	5	8	16.6	21.6	51	0	00	6	32	2	0	0	—	17.8	17.4	82	0	139
	SHEBÎN EL KÔM	01	8	30	3	1	3	8	17.2	22.2	44	0	00	7	30	2	0	0	—	18.0	14.8	72	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	28	3	1	4	9	16.9	22.2	63	0	00	7	32	1	0	0	—	18.1	16.2	81	0	141
	CAIRO EZBEKÎYA	01	8	28	3	1	4	4	17.0	21.6	46	dr	00	6	00	0	0	0	—	18.2	16.7	68	0	—
	CAIRO GÎZA	01	8	28	3	1	4	4	16.8	21.6	47	dr	00	6	00	0	0	0	—	18.3	15.8	73	0	—
	HELWÂN	02	6	30	4	2	6	9	17.1	21.3	38	0	00	7	32	3	0	0	—	18.3	16.9	54	0	143
	SUEZ	01	9	30	1	1	5	4		22.8	35	0	01	9	30	1	1	5	4		18.0	55	0	144
UPPER EGYPT	FAIYÛM	01	8	30	2	1	4	6	17.1	22.0	29	0	00	8	00	0	0	0	—	17.6	17.1	56	0	153
	MINYA																							154
	ASYÛT	00	8	30	1	0	0	—	16.7	21.5	42	0	00	6	26	1	0	0	—	17.5	18.0	53	0	155
	NAG' HAMÂDI	00	8	24	2	0	0	—	16.0	24.6	32	0	00	8	26	1	0	0	—	15.8	16.8	63	0	164
	QENA	00	9	24	2	0	0	—	14.6	25.0	33	0	00	6	22	2	0	0	—	15.4	17.0	59	0	156
	LUXOR	00	9	32	2	0	0	—	13.9	26.0	30	0	00	8	34	2	0	0	—	14.8	20.6	44	0	157
	ASWÂN	00	9	32	2	0	0	—	13.5	24.0	39	0	00	9	32	3	0	0	—	14.4	21.0	49	0	158
WESTERN DESERT	SÎWA	01	8	28	2	1	6	4	19.6	22.8	53	0	00		00	0	0	0	—	19.9	17.2	68	0	148
	BAHARÎYA	02	8	32	1	1	5	8	17.5	21.5	39	0	02	7	32	2	1	5	9	17.9	19.0	46	0	149
	KHÂRGA	00	9	02	1	0	0	—		22.7	37	0	00	9	30	1	0	0	—		17.1	53	0	151
	DAKHLA	00	9	30	1	0	0	—	17.0	22.6	56	0	00	8	28	1	0	0	—	18.0	18.8	64	0	152
RED SEA	TÔR	00	7	28	5	0	0	—	14.6	23.5	55	0	00	7	28	6	0	0	—	13.2	22.2	46	0	145
	HURGHÂDA /63	00	8	32	6	0	0	—	14	22	61	0	00	8	28	3	0	0	—	14	19	49	0	146
	QUSEIR	00	8	32	4	0	0	—	14.4	23.7	58	0	00	8	32	4	0	0	—	13.5	23.7	55	0	147
	PORT SÛDÂN																							208
NORTH SÛDÂN	WÂDI HALFA	01	8	02	3	1	3	1	13	24	22													165
	KAREIMA	01	9	32	4	1	3	1	10	29	12													166
	'ATBARA	01	7	32	2	1	4	2	6	32	36													167
	KHARTÛM																							209
	KASSALA	00	8	18	1	0	1	8	2	38	29													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	28	4	1	3	1	4	35	18													171
	RENK																							182
	ROSEIRES	00	8	08	2	0	0	—	5	36	22													172
	EL OBEID	02	8	28	3	1	7	2	6	32	10													174
	EL FÂSHER	02	8	32	3	1	8	2	=	29	23										—			175
	GENEINA	01	8	02	3	1	4	2	=	30	22										—			179
	KADUGLI	01	8	04	3	1	5	1	6	33	20													187
S. SÛDÂN	MALAKÂL	01	8	06	4	1	5	2	5	34	22													176
	WÂU	02	8	08	2	1	5	2	4	34	27													177
	JUBA	02	8	30	2	1	8	8,2	4	34	39													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.	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												—		—				7
	MATRÛH	01	9	26	1	0	4	5	19.5	+2.0	16.6	20	-4	14	-2	60	0	Rain	23
	MARIUT	02	8	30	1	2	6	9	18		20	22	—	18	—	53	0	11	14
	ALEXANDRIA	02	9	26	4	2	6	5	18.2	+0.2	18.8	22	-4	17	0	69	dr	38	17
	DAMIETTA	01	8	28	3	1	3	6	17.1	+0.5	18.8	27	—	14	—	56	0	10	11
	PORT SA'ÎD	01	7	30	3	0	4	8,4	17		19	21		18		56	0	4	7
	EL 'ARÎSH	02	9	20	3	2	6	6	16.6	-0.1	17.6	23	-3	14	0	73	0	dr	8
LOWER EGYPT	DAMANHÛR	02	7	32	2	1	5	5	18.4	+0.6	18.6	21	-6	14	0	72	0	6	8
	MANSÛRA	00	8	32	1	0	0	—	18.0	+1.1	17.0	23	-4	13	-2	68	0	8	5
	TANTA	00	8	00	0	0	0	—	18.7	+0.9	14.0	22	-5	8	-5	82	0	dr	4
	ZAGAZIG	00	6	20	2	0	2	8	18.4	+1.0	13.4	25	-2	10	-3	75	0	1	3
	SHEBÎN EL KÔM	00	8	30	1	0	0	—	18.8	+1.3	14.2	24	—	10	—	74	0	dr	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	00	0	0	3	4,5	18.5	+1.2	15.9	24	—	10	—	70	0	tr	—
	CAIRO EZBEKÎYA	00	6	00	0	0	0	—	18.4	+1.1	14.8	23	-4	11	-4	65	dr	dr	2
	CAIRO GÎZA	00	6	00	0	0	0	—	19.1	+1.6	18.3	22	-4	8	-5	60	dr	dr	4
	HELWÂN	09	6	00	0	0	2	4	19.0	+1.3	12.5	21	-5	11	-4	76	dr	dr	2
	SUEZ	01	9	02	1	1	5	4			14.6	25	-2	10	-6	68	0	dr	3
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	19.4	+2.2	15.0	23	-5	10	-4	58	0	2	0
	MINYA																	0	—
	ASYÛT																	0	0
	NAG' HAMÂDI	00	8	24	1	0	0	—	17.2	+1.2	16.4		—		—	66	0	0	—
	QENA	00	7	24	2	0	0	—	17.4	+1.7	16.0	27	-4	13	-1	66	0	0	—
	LUXOR	00	9	10	2	0	0	—	17.0	+1.4	20.0	28	-4	10	-3	52	0	0	—
	ASWÂN	01	9	32	3	1	3	1	16.3	+1.0	17.0	26	-6	12	-5	61	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	21.9	+3.2	14.0	23	-5	8	-3	78	0	0	0
	BAHARÎYA	00	8	00	0	0	0	—	19.6	+1.5	17.0	22	-5	8	-4	54	0	0	1
	KHÂRGA	00	9	32	1	0	0	—			16.8	24	-6	13	-1	61	0	0	—
	DÂKHLA	00	8	28	1	0	0	—	19.4	+2.0	17.0	23	-6	11	-2	64	0	0	—
RED SEA	TÔR	00	7	04	1	0	0	—	14.0	-1.4	16.8			13	-2	52	0	0	2
	HURGHÂDA	00	9	26	4	0	0	—	16		18	x3		14		60	0	0	1
	QUSEIR	00	8	32	5	0	0	—	14.8	-0.4	21.0			18	-2	49	0	0	1
	PORT SÛDÂN	01	8	30	4	1	3	6,4	12		28			25		74	0	4	29
NORTH SÛDÂN	WÂDI HALFA	01	8	02	3	1	3	1	16		16			13		52	0	0	—
	KAREIMA	00	9	02	3	0	3	1	14		17			14		39	0	0	1
	'ATBARA	01	6	32	3	1	5	2	11		23			21		34	0	dr	2
	KHARTÛM	00	8	32	3	0	2	1	11		21			19		23	0	dr	4
	KASSALA	00	8	04	1	0	0	—	8		29			20		55	0	dr	8
CENTRAL SÛDÂN	WAD MEDANI	00	9	28	4	0	0	—	11		22					31	0	7	11
	RENK												—		—		—	—	45
	ROSEIRES	00	8	28	1	0	0	—	9		22					44	0	33	33
	EL OBEID	01	7	28	4	1	4	2	13		19			16		28	0	1	16
	EL FÂSHER	02	8	02	3	1	6	2	—	—	17					37	0	0	6
	GENEINA	02	7	02	4	1	6	2	—	—	17	—		15	—	34	—	—	4
	KADUGLI	01	8	20	1	1	3	1	8		23	—			—	34	—	—	85
S. SÛDÂN	MALAKÂL																0	53	81
	WÂU																0	48	136
	JUBA																0	25	110

UPPER WINDS ON 10th (الرياح العليا يوم)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. m.	h. m.	h. m.	13h. m.	13h. 15m.	h. m.	h. m.
							03 36 20			06 36 05	06 25 15		
							06 36 20			09 36 05	09 25 20		
							09 36 20			15 07 05	15 25 15		
							15 25 15			21 13 02	21 21 05		
							21 28 20			24 15 05	24 19 10		
							24 26 30			30 02 10	27 18 20		
											30 17 15		

UPPER WINDS ON 11th (الرياح العليا يوم ١١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8h. 30m.	h. m.	h. m.	h. m.	7h. m.	7h. m.	7h. m.	7h. 15m.	6h. 15m.
			02 34 10				02 01 10	09 01 35	09 03 45	09 04 25	09 01 50
			05 35 30				05 01 30	15 02 20	15 14 15	15 05 05	15 36 25
			08 35 45				10 03 05	21 05 05	21 09 10	21 13 10	21 28 05
			10 36 20				15 21 10	30 22 25		30 27 15	30 27 15
			15 08 25				20 22 05	33 24 30		33 27 35	33 27 15
			20 03 20				4	39 26 50			
			25 30 15					45 24 70			
			30 03 05					60 25 80			
			40 05 10								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 45m.	h. m.	h. m.	7h. m.	7h. m.	7h. m.
09 05 15			09 03 20	09 04 35	09 02 35
15 04 35			15 04 15	15 05 60	15 04 25
21 04 25			21 05 10	21 06 60	21 05 15
30 05 15			30 35 15	24 03 30	30 10 15
33 23 15			45 23 05	30 35 10	33 10 20
39 21 30					
45 23 35					
51 24 [illegible]					

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			

CYPRUS SYNOPTIC 8h ON *11th*

34854 01951 16202 17120 60202 05091

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	1947	1946
	11-11	1504	3241
	10-11	1504	3241

STATION	Mean of day Humidity % on 10th	Diff from normal	Wet Bulb Temp °C on 10th	Diff from normal
Alexandria	43	-24	13.1	-4.6
Ezbekîya	60	-8	14.1	-2.6
Gîza	60	-10	13.9	-2.6
Helwân	57	+1	12.9	-2.6

GÎZA — GRASS MINIMUM TEMP ON *11th* 5.2 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON ... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				12.63	-0.05
Malakâl				13.44	+0.12
J. Aulia Res.	=			376.95	—
J. Aulia D.S.				372.49	-0.37
Roseires				14.72	+0.35
Sennar Res.				418.85	—
Khartûm				12.00	-0.50
Kh. el Girba					
'Atbara				11.52	-0.22
Kajnarti				135.91	-0.71
Aswân Res.	=	119.02	—	118.78	—
Aswân D.S.		86.11	-1.48	86.11	-1.58
Roda (Cairo)		16.63	-0.80	16.69	-0.80

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 06 17
Sunset h. m. 17 01

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Tuesday 11th — الساعة ١٤ 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 PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALŪM												130
MATRŪH	01	9	28	2	0	3	8	17.6	21.1	62	0	131
MARIUT	01	7	30	3	1	5	3,4	17	22	47	0	150
ALEXANDRIA	01	9	28	4	3	4	8	17.4	21.3	44	0	132
DAMIETTA	01	8	28	3	1	4	8	16.6	19.9	50	0	159
PORT SA'ÎD	01	7	30	3	0	3	3,4	17	20	53	0	134
EL 'ARÎSH	01	9	28	4	1	4	8	15.8	23.4	74	0	135
LOWER EGYPT												
DAMANHŪR	01	7	32	4	1	5	8	17.9	20.8	52	0	136
MANSŪRA	01	8	02	1	1	4	8	17.4	20.8	46	0	137
ṬANṬA	01	8	28	1	1	4	8	17.9	21.0	49	0	138
ZAGAZIG	01	6	24	2	1	4	8	16.4	22.2	48	0	139
SHEBÎN EL KÔM	01	8	30	3	1	4	9	17.1	22.1	49	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	28	2	0	4	8	16.5	21.1	64	0	141
CAIRO EZBEKÎYA	01	8	28	1	1	3	8	16.8	22.0	43	0	—
CAIRO GÎZA	01	8	28	1	1	3	8	17.1	21.7	45	0	—
ḤELWÂN	00	8	32	3	0	3	8	16.7	20.8	37	0	143
SUEZ	00	9	30	1	0	0	—		22.0	40	0	144
UPPER EGYPT												
FAIYŪM	00	8	30	1	0	0	—	16.3	21.3	35	0	153
MINYA												154
ASYŪṬ	00	8	30	1	0	0	—	15.9	21.1	39	0	155
NAG' ḤAMÂDI	00	8	24	3		0	—	14.0	22.6	38	0	164
QENA	00	9	00	0	0	0	—	13.0	23.0	41	0	156
LUXOR	00	9	36	3	0	0	—	12.4	24.0	35	0	157
ASWÂN	01	9	28	1	1	4	1	12.8	24.7	45	0	158
WESTERN DESERT												
SÎWA	00	8	28	3	0	0	—	20.0	22.0	58	0	148
BAḤARÎYA	01	8	32	1	1	4	8	17.0	21.5	39	0	149
KHÂRGA	00	9	32	1	0	0	—		21.6	25	0	151
DAKHLA	00	9	28	2	0	0	—	16.3	21.1	63	0	152
RED SEA												
ṬÔR	00	7	28	4	0	0	—	18.7	22.2	24	0	145
HURGHÂDA	00	9	02	5	0	0	—	18	22	65	0	146
QUṢEIR	00	8	32	3	0	0	—	18.6	22.9	58	0	147
PORT SŪDÂN												208
NORTH SŪDÂN												
WÂDI ḤALFA	02	8	32	3	1	7	2	13	26	33		165
KAREIMA	01	9	32	3	1	3	1	9	29	30		166
'ATBARA	02	1	04	3	1	5	2	6	32	36		167
KHARTŪM	41	8	28	4								209
KASSALA	00	8	02	1	0	2	2	2	27	27		170
CENTRAL SŪDÂN												
WAD MEDANI	00	8	28	4	0	0	—	5	34	25		171
RENK	00	9	32	3	0	0	—	6	32	26		182
ROSEIRES	00	8	28	2	0	0		5	33	30		172
EL OBEID	02	8	30	3	1	5	4	7	29	12		174
EL FÂSHER	01	8	32	3	1	3	1	—	33	13		175
GENEINA								—				179
KADUGLI	01	8	04	0	1	4		6	33	36		187
S. SŪDÂN												
MALAKÂL	01	8	32	3	1	4	4	6	33	34		176
WÂU												177
JUBA												173

At 20h. on 11th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN											
SALŪM											
MATRŪH	01	8	32	1	0	5	8	18.2	19.7	76	0
MARIUT	00	7	29	1	0	1	8	18	17	69	0
ALEXANDRIA	01	5	00	0	2	2	4	18.7	18.8	53	0
DAMIETTA	00	7	28	2	1	2	8	17.0	16.3	69	0
PORT SA'ÎD	01	7	35	3	0	4	8	17	18	60	0
EL 'ARÎSH	00	9	28	4	0	0	—	15.9	16.9	73	0
LOWER EGYPT											
DAMANHŪR	01	7	32	3	1	3	8	18.3	16.4	78	0
MANSŪRA	00	6	32	2	1	0	—	18.3	16.0	64	0
ṬANṬA	00	8	00	0	1	4	8	18.7	15.2	83	0
ZAGAZIG	00	6	24	2	0	0	—	17.8	15.3	74	0
SHEBÎN EL KÔM	00	7	30	1	0	0	—	18.3	14.8	72	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	04	1	1	0	—	18.2	16.7	78	0
CAIRO EZBEKÎYA	00	7	04	1	0	0	—	18.2	16.2	70	0
CAIRO GÎZA	00	7	04	1	0	0	—	18.4	15.8	75	0
ḤELWÂN	00	7	32	4	0	0	—	18.3	16.8	54	0
SUEZ	00	9	30	1	0	0	—		17.4	57	0
UPPER EGYPT											
FAIYŪM											
MINYA											
ASYŪṬ	00	6	26	1	0	0	—	16.8	16.9	52	0
NAG' ḤAMÂDI	00	8	24	1	0	0	—	15.6	17.0	59	0
QENA	00	6	22	2	0	0	—	14.2	17.2	52	0
LUXOR	00	8	28	2	0	0	—	14.0	17.9	49	0
ASWÂN	00	9	32	1	0	0	—	14.3	21.0	46	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	19.5	16.0	81	0
BAḤARÎYA	02	7	30	1	2	6	9	18.6	17.5	48	0
KHÂRGA	00	9	00	0	0	0	—	—	15.6	51	0
DAKHLA	00	8	28	1	0	0	—	17.8	17.2	65	0
RED SEA											
ṬÔR	00	7	28	3	0	0	—		21.2	50	0
HURGHÂDA	00	9	30	5	0	0	—	14	21	65	0
QUṢEIR	00	8	28	3	0	0	—	14.2	21.2	55	0
PORT SŪDÂN											
NORTH SŪDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTŪM											
KASSALA											
CENTRAL SŪDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SŪDÂN											
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 11th — الرياح العليا يوم ١١

MATRŪH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI ḤALFA h. m.	KAREIMA h. m.	KHARTŪM 13 h. 15 m.	KASSALA h. m.	KHARTŪM 12 h. 30 m.	MALAKAL 12 h. m.	JUBA h. m.
									06 31 10		06 05 15	06 03 35	
									09 33 15		09 06 15	09 05 15	
									15 34 20		15 03 10	15 05 20	
									21 35 20		21 04 15	21 09 20	
									30 06 10				
									33 07 15				
									39 02 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 11th	Diff from normal	WET BULB TEMP. °C on 11th	Diff from normal
Alexandria	46	-21	13.7	-3.9
Ezbekiya	61	-7	12.3	-3.3
Giza	60	-10	12.2	-3.2
Helwân	60	+4	11.7	-3.4

GÎZA — GRASS MINIMUM TEMP. ON 12th 5.2 °C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON ... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.62	-0.06	13.62	-0.06
Nâsser		10.94	+0.43	10.96	+0.44
Malakâl		12.44	+0.12	12.44	+0.12
J. Aulia Res.		376.97	-	376.94	-
J. Aulia D.S		372.46	-0.34	372.48	-0.35
Roseires		14.59	+0.34	14.66	+0.35
Sennar Res.				418.93	
Khartûm		11.94	-0.48	11.95	-0.52
Kh. el Girba					
'Atbara					
Kajnarti		11.46	-0.22	11.48	-0.23
Aswân Res.		135.69	-0.73	135.80	-0.72
Aswân D.S		119.22	-	119.02	-
Roda (Cairo)		16.60	-0.36	16.63	-0.80

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	12-11	150	3241
	11-11	150	3241

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Wednesday 12th — الساعة ٨ يوم الاربعاء 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.	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																		
SALŪM												—		—				8
MATRŪH	01	9	20	1	6	4	5	17.6	+0.1	15.0	20	-3	14	-2	64	R	R	24
MARIUT	00	7	21	2	8	3	6	18		17	23	—	13	—	93	1	12	15
ALEXANDRIA	01	9	16	2	2	5	8	17.6	-0.4	19.4	23	-2	14	-3	70	14	42	18
DAMIETTA	00	8	20	2	1	2	8	17.4	+0.8	15.0	20	—	10	—	73	0	10	11
PORT SA'ID	00	7	25	3	0	1	6	18		17	21		15		72	0	4	8
EL 'ARÎSH	02	9	20	2	2	5	8	16.8	0.0	18.7	23	-2	13	-1	71	0	dr	8
LOWER EGYPT																		
DAMANHŪR	01	6	24	2	1	3	8	17.5	-0.3	16.0	21	-6	12	-2	81	0	7	8
MANSŪRA	00	8	24	1	0	0	—	18.0	+1.1	17.0	23	-4	11	-4	70	0	8	5
ṬANṬA	00	8	20	1	0	0	—	18.6	+0.8	13.8	22	-5	9	-4	84	0	dr	5
ZAGAZIG	00	6	20	2	0	0	—	18.7	+1.3	12.8	25	-1	10	-3	85	0	1	3
SHEBÎN EL KÔM	09	7	22	1	4	0	—	18.7	+1.1	13.1	25	—	10	—	78	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	12	1	0	0	—	18.8	+1.4	15.3	22	—	10	—	74	0	6	—
CAIRO EZBEKÎYA	00	6	00	0	0	0	—	18.7	+1.3	14.7	23	-4	11	-3	71	0	dr	2
CAIRO GÎZA	00	5	00	0	0	0	—	19.1	+1.6	16.2	22	-4	8	-5	66	0	dr	4
ḤELWÂN	09	5	00	0	0	0	—	19.0	+1.3	13.1	21	-5	11	-4	77	0	dr	2
SUEZ	00	9	02	1	0	0	—	—		12.2	23	-4			77	0	dr	3
UPPER EGYPT																		
FAIYŪM	00	8	00	0	0	0	—	19.0	+1.7	15.5	22	-6	10	-4	67	0	2	0
MINYA																	0	—
ASYŪṬ																	0	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	19.5	+1.4	16.8		—		—	62	0	0	—
QENA	00	7	24	2	0	0	—	17.8	+2.0	18.8	25	-6	11	-3	69	0	0	—
LUXOR	00	9	10	2	0	0	—	16.7	+1.0	18.0	28	-7	8	-5	60	0	0	—
ASWÂN	00	9	32	1	0	0	—	16.3	+0.9	15.8	26	-6	13	-5	61	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	20.2	+1.4	15.0	23	-5	11	0	83	0	0	0
BAḤARÎYA	00	8	32	1	0	0	—	19.1	+1.0	17.3	22	-5	8	-4	50	0	0	1
KHÂRGA	00	9	30	1	0	0	—			16.2	23	-8	8	-3	56	0	0	—
DAKHLA	00	8	28	2	0	0	—	19.6	+2.1	18.3	22	-7	10	-3	75	0	0	—
RED SEA																		
ṬÔR	00	7	04	2	0	0	—	19.2	-1.2	16.4			11	-4	55	0	0	2
HURGHÂDA	00	8	27	3	0	0	—	15		13							0	1
QUṢEIR	00	8	28	3	0	0	—	15.0	-0.3	20.6	24	-4	18	-2	57	0	0	1
PORT SŪDÂN																	4	29
NORTH SŪDÂN																		
WÂDI ḤALFA																	0	—
KAREIMA																	0	1
'ATBARA																	dr	2
KHARTŪM																	dr	4
KASSALA																	dr	8
CENTRAL SŪDÂN																		
WAD MEDANI																	7	11
RENK												—		—		—	—	46
ROSEIRES																	33	33
EL OBEID																	1	16
EL FÂSHER								—	—								0	6
GENEINA								—	—			—		—		—	—	4
KADUGLI												—		—		—	—	85
S. SŪDÂN																		
MALAKÂL																	53	82
WÂU																	48	124
JUBA																	35	41

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRŪH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 8 h. 05 m.	MINYA h. m.	ASYŪṬ h. m.	LUXOR 7 h. 15 m.	ASWÂN 7 h. m.	WÂDI ḤALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTŪM h. m.
			02 34 05			03 35 03	03 36 10				
			05 01 20			06 33 15	05 03 35				
			08 03 35			09 34 20	10 07 20				
			10 30 35			12 35 20	15 23 15				
			15 35 35			15 03 05	20 31 10				
			20 35 30			18 33 15	25 24 20				
			23 25 35			21 31 10					
						24 36 40					
						30 20 20					

KASSALA h. m.	PORT SŪDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

CYPRUS SYNOPTIC 8h ON 12th

34700	01990	28310	17141	00402	00030
34882	01952	20103	17121	85901	00080

UPPER AIR TEMP. ALMÁZA — AT G.M.T. ON

HEIGHT FEET	P.P.P m.b.	T T °F	t t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on 8 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 07 00 h. m.
Sunset 17 01

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1947 — شهر نوفمبر ١٩٤٧

1417 F.O.

At 14h. on WEDNESDAY 12th — الساعة ١٤ يوم 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	02	9	28	2	0	5	8	17.4	21.7	73	0	131
MARIUT	02	7	26	3	1	6	8,4	17	22	69	0	150
ALEXANDRIA	02	9	24	4	2	6	9	16.0	20.4	58	0	132
DAMIETTA	01	8	26	2	1	4	6	16.8	20.9	58	0	159
PORT SA'ÎD	00	8	30	2	0	1	6		22	47	0	134
EL 'ARÎSH	00	9	28	3	0	3	8	16.3	23.4	72	0	135
LOWER EGYPT												
DAMANHÛR	01	7	32	3	1	4	8	17.6	22.2	66	0	136
MANSÛRA	01	8	20	1	1	4	8	17.2	24.0	52	0	137
TANTA	01	8	20	2	1	4	8	17.6	23.8	52	0	138
ZAGAZIG	00	6	24	2	0	0	—	17.8	22.8	55	0	139
SHEBÎN EL KÔM	01	8	28	2	1	3	8	17.6	25.2	45	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	28	2	0	4	8	17	23	65	0	141
CAIRO EZBEKÎYA	00	8	28	2	1	2	8	17.5	23.2	60	0	—
CAIRO GÎZA	00	8	28	2	1	2	8	18.0	23.5	52	0	—
HELWÂN	00	8	28	2	0	3	8	18.6	21.4	45	0	143
SUEZ	00	9	02	1	0	0	—		22.2	43	0	144
UPPER EGYPT												
FAIYÛM	01	8	32	1	1	4	6	17.4	22.0	48	0	153
MINYA												154
ASYÛT	00	8	30	2	0	0	—	16.7	22.0	36	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	15.4	22.9	45	0	164
QENA	00	9	24	2	0	0	—	14.0	24.0	42	0	156
LUXOR	00	9	28	2	0	0	—	14.4	25.3	37	0	157
ASWÂN	01	9	28	2	1	4	1	13.6	24.7	37	0	158
WESTERN DESERT												
SÎWA	00	8	28	4	0	0	—	19.6	23.4	56	0	148
BAHARÎYA	01	8	32	1	0	3	8	18.0	22.7	39	0	149
KHÂRGA	00	9	32	1	0	0	—		22.6	34	0	151
DAKHLA	00	9	32	2	0	0	—	17.2	22.2	43	0	152
RED SEA												
TÔR	00	7	28	4	0	0	—	14.2	23.9	60	0	145
HURGHÂDA	00	8	02	5	0	0	—	14	22	69	0	146
QUSEIR	00	8	32	3	0	0	—	14.2	24.4	50	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER								—			—	175
GENEINA								—			—	179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												173

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											
SALÛM											
MATRÛH	01	8	32	1	0	4	8	18.2	21.1	88	0
MARIUT	01	7	23	1	1	4	4,5	18	20	78	0
ALEXANDRIA	01	5	28	2	2	4	4	18.4	20.4	69	0
DAMIETTA	04	5	14	1	4	1	8	17.5		90	0
PORT SA'ÎD											
EL 'ARÎSH	00	9	30	3	0	0	—	18.2		77	0
LOWER EGYPT											
DAMANHÛR	01	6	28	2	1	4	8	18.4	18.0	75	0
MANSÛRA	00	6	02	1	1	0	—	18.6	17.8	76	0
TANTA	00	8	20	1	1	0	—	19.0	17.3	86	0
ZAGAZIG	00	6	32	2	0	0	—	18.0	18.2	80	0
SHEBÎN EL KÔM	00	7	28	1	1	0	—	18.4	18.0	76	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	10	1	0	0	—	18.6	19.0	61	0
CAIRO EZBEKÎYA	00	7	02	1	0	0	—	18.4	17.4	71	0
CAIRO GÎZA	00	7	02	1	0	0	—	18.6	16.6	74	0
HELWÂN	00	7	30	2	0	0	—	18.8	18.3	60	0
SUEZ	00	9	00	0	0	0	—		17.1	66	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	18.6	16.6	81	0
MINYA											
ASYÛT	00	6	28	1	0	0	—	18.4	18.0	62	0
NAG' HAMÂDI	00	8	00	0	0	0	—	17.1	16.2	71	0
QENA	00	6	24	2	0	0	—	16.0	17.0	64	0
LUXOR	00	8	30	2	0	0	—	15.8	19.0	56	0
ASWÂN	00	9	00	0	0	0	—	16.2	22.0	45	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	19.6	17.4	67	0
BAHARÎYA	00	7	00	0	0	0	—	19.0	16.5	61	0
KHÂRGA	00	9	30	1	0	0	—		17.8	53	0
DAKHLA	00	8	28	1	0	0	—	18.3	19.0	68	0
RED SEA											
TÔR	00	7	28	3	0	0	—		21.5	55	0
HURGHÂDA	00	9	30	4	0	0	—	16	20	64	0
QUSEIR	00	8	28	3	0	0	—	15.1	21.6	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 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	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.

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	1947	1946
	13-11	1504	3241
	12-11	1504	3241

STATION	Mean of day: Humidity % on 12h	Humidity Diff from normal	Wet Bulb Temp °C on 12h	Wet Bulb Temp Diff from normal
Alexandria	66	0	16.9	-0.6
Ezbekîya	64	-4	14.5	-2.0
Gîza	63	-8	16.8	+0.5
Helwân	63	47	13.3	-1.9

GÎZA — GRASS MINIMUM TEMP. ON 13th 7.8 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	18-11-47	13.61	-0.07	13.62	-0.06
Nâsser		10.93	+0.43	10.94	+0.43
Malakâl		12.45	+0.13	12.44	+0.12
J. Aulia Res.		377.01	—	376.97	—
J. Aulia D.S		372.41	-0.36	372.46	-0.34
Roseires		14.55	+0.36	14.59	+0.34
Sennar Res.		11.96	—		
Khartûm		11.96	-0.43	11.94	-0.48
Kh. el Girba					
'Atbara		11.43	-0.22	11.46	-0.22
Kajnarti		135.59	-0.75	135.69	-0.73
Aswân Res.		119.41	—	119.22	—
Arwân D.S		88.43	-1.19	88.10	-1.34
Roda (Cairo)		16.60	-0.69	16.60	-0.76

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on THURSDAY 13th — الساعة ٨ يوم الخميس ١٣

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (dd)	Wind Force (f)	Past Weather (w)	Cloud Amount (n)	Cloud Form (c)	Car Pressure M.S.L. 1000+ mbs. (ppp)	Diff. from normal mbs.	Temperature Dry Bulb °C (ttt)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (uu)	Rainfall Past 24 hrs. mms	Rainfall Total From Oct. 1 mms	Rainfall Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	01	7	00	0	0	4	6	19.9	+2.3	18.6	22	-2	14	-1	70	0	Rain	25
MARIUT	01	7	00	0	1	4	8,4	19		19	22	—	16	—	85	0	12	16
ALEXANDRIA	01	9	00	0	2	4	8	19.9	+1.9	22.0	25	0	17	0	69	dr.	42	19
DAMIETTA	04	5	14	1	1	3	9	19.4	+2.8	17.2	24	—	12	—	76	0	10	12
PORT SA'ÎD	00	7	19	2	0	2	4	20		18	22		16		68	0	4	8
EL 'ARÎSH	00	9	14	2	0	0	—	19.8	+3.0	14.7	24	-1	11	-2	85	0	dr.	9
LOWER EGYPT																		
DAMANHÛR	01	6	24	3	1	3	8	19.5	+1.7	15.6	23	-3	13	-2	84	0	7	9
MANSÛRA	00	8	20	1	0	0	—	20.0	+3.0	16.0	25	-2	13	-2	78	0	8	5
TANTA	00	8	20	1	0	0	—	20.3	+3.4	19.0	25	-2	12	-1	81	0	dr.	5
ZAGAZIG	00	6	16	2	0	0	—	20.6	+3.1	17.4	26	-1	12	-1	78	0	1	3
SHEBÎN EL KÔM	00	7	18	2	0	0	—	20.3	+2.7	18.2	27	—	14	—	73	0	dr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	00	0	0	0	—	20.0	+2.6	17.9	24	—	13	—	72	0	tr.	—
CAIRO EZBEKÎYA	00	6	00	0	0	0	—	19.9	+2.5	16.0	24	-3	13	-1	75	0	dr.	2
CAIRO GÎZA	00	6	00	0	0	0	—	20.6	+3.1	20.1	24	-2	10	-3	67	0	dr.	4
HELWÂN	05	6	00	0	0	0	—	20.7	+2.9	15.9	22	-4	14	-1	71	0	dr.	2
SUEZ																	dr.	3
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	20.6	+3.3	17.0	23	-5	12	-1	61	0	2	0
MINYA																	0	—
ASYÛT																	0	0
NAG' HAMÂDI	00	8	32	1	0	0	—	19.5	+3.3	18.8		—		—	57	0	0	—
QENA	00	7	24	2	0	0	—	19.6	+3.6	16.3	25	-6	12	-2	68	0	0	—
LUXOR	00	9	18	1	0	0	—	19.0	+3.3	18.0	27	-4	9	-4	53	0	0	—
ASWÂN	00	9	32	1	0	0	—	19.2	+3.7	16.5	25	-7	12	-5	63	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	21.4	+2.6	17.0	26	-2	11	-1	80	0	0	0
BAHARÎYA	00	8	00	0	0	0	—	20.2	+2.0	18.0	23	-4	9	-3	56	0	0	1
KHÂRGA	00	9	00	0	0	0	—			15.3	24	-5	11	-3	65	0	0	—
DAKHLA	00	8	28	1	0	0	—	21.4	+3.8	15.1	23	-6	10	-3	77	0	0	—
RED SEA																		
TÔR	00	7	04	5	0	0	—	17.5	+2.0	15.8			12	-3	54	0	0	2
HURGHÂDA	00	9	26	3	0	0	—	18		20	23		15		56	0	0	1
QUSEIR	00	8	30	3	0	0	—	17.2	+1.9	21.9	25	-3	18	-2	46	0	0	1
PORT SÛDÂN	01	8	30	5	1	3	4,4	14		28			25		74	0	4	31
NORTH SÛDÂN																		
WÂDI HALFA	02	8	02	1	1	6	2	18		14			10		59	0	0	—
KAREIMA	00	9	02	2	0	2	2	16		17			14		37	0	0	1
'ATBARA	01	8	28	3	1	4	1	13		23			19		30	0	dr.	2
KHARTÛM	01	8	32	3	0	3	1	14		22			12		27	0	dr.	4
KASSALA	00	8	00	0	0	1	1	10		27			20		58	0	dr.	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	32	4	0	3	3			22					81	0	7	11
RENK	00	9	04	3	0	0	—	12		25	—			—	30	—	—	46
ROSEIRES	00	8	28	2	0	0	—	11		21					47	0	32	33
EL OBEID	00	8	30	3	1	0	—	14		19			16		28	0	1	16
EL FÂSHER	01	8	32	1	1	4	4	—	—	18			14		37	0	0	6
GENEINA	01	8	02	3	1	4	1	—	—	17	—		14	—	32	0	—	4
KADUGLI	01	8	28	1	1	4	1	14		21	—			—	35	—	—	85
S. SÛDÂN																		
MALAKÂL	00	8	02	3	1	1	1	12		25			18		30	0	53	82
WÂU	02	8	02	3	1	8	2	11		23			18		57	0	48	137
JUBA	05	7	00	0	1	7	4	11		27			21		58	0	25	112

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7h.30m.	h. m.	7h.15m.	6h.45m.	6h.45m.	7h. m.
	03 31 30					03 02 05		03 04 25	06 01 30	06 04 40	06 36 20
	06 31 35					06 02 15		06 06 40	09 06 30	09 05 20	09 02 50
	09 32 20					09 02 10		09 05 35	15 09 05	15 02 05	15 36 25
	12 31 35					12 05 10		15 06 35	21 15 15	21 26 20	21 09 05
	15 31 20					15 03 05		21 03 05	27 19 15	30 25 30	30 30 05
	18 31 15					18 36 05		30 29 30		33 25 20	33 30 10
						21 33 05		33 29 35		39 23 10	39 30 10
						24 03 05		39 24 40		45 27 10	45 29 10
						27 35 15		45 23 40		60 26 20	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h.30m.	7h. m.	7h.15m.	7h.15m.	7h.15m.	7h.15m.
06 04 10	06 03 30	06 35 20	09 36 15	09 05 10	06 04 15
09 05 20	09 05 20	09 01 40	15 01 20	15 10 10	09 02 40
15 06 40	15 09 15	15 05 20	21 09 10	21 11 20	15 04 30
21 02 30	21 11 05	21 11 15	30 07 15	30 03 20	21 08 15
30 05 05	30 12 15	30 12 10	33 06 15	✓	30 11 30
33 21 05	✓	33 11 10	39 08 10		33 09 25
39 13 02		✓	45 12 05		
			60 17 10		
			63 02 30		
			✓		

UPPER AIR TEMP. ALMAZA — AT GMT ON

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 13th

34824 01863 02103 11241 60305
34700 00990 28260 19151 40403

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 or Haze ... 08
Distant Fog ... 09
Rain in sight ... 10
Thunder, no rain ... 11
Distant Duststorm ... 12
Squally ... 14
Slight Duststorm ... 18
Rain in past hour ... 20-29
Slight Thunderstorm ... 28
Heavy Thunderstorm ... 29
Duststorm ... 30-34
Fog or Thick Haze ... 40-49
Mod. Fog in last hour ... 41
Thick ,, ,, ,, ,, ... 42
Fog in patches ... 49
Drizzle ... 50-59
Rain ... 60-69
Rain and Fog ... 67
Rain and Snow ... 68, 69
Snow ... 70-79
Showers ... 80-89
,, of Snow ... 83, 84
,, of Sleet ... 85, 86
,, of Hail ... 88, 89
Thunderstorm ... 90-99
,, ended, now Rain ... 91
,, with Hail ... 94-96
,, with Duststorm ... 98
,, heavy, with Hail ... 99

PAST WEATHER (W)

Clear, slight cloud ... 0
Variable sky ... 1
Mainly overcast ... 2
Sandstorm, Duststorm ... 3
Fog, thick dust haze ... 4
Drizzle ... 5
Rain ... 6
Snow, sleet ... 7
Showers ... 8
Thunderstorm ... 9

VISIBILITY (V)

Objects not visible at
50 metres ... 0
200 ,, ... 1
500 ,, ... 2
1 Kilometre ... 3
2 ,, ... 4
4 ,, ... 5
10 ,, ... 6
20 ,, ... 7
50 ,, ... 8
Visible over 50 kms. ... 9

CLOUD 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 19
Sunset 17 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month NOVEMBER 1947 — شهر نوفمبر ١٩٤٧

At 14h. on THURSDAY 13th — الساعة ١٤ يوم الخميس 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 TEMP. TTT	% HUMIDITY UU	RAIN 8-14h. mms	STATION NUMBER
MEDITERRANEAN	SALÛM												130
	MATRÛH	01	9	04	1	0	4	8	19.6	21.7	83	0	131
	MARIUT	01	7	27	2	0	3	6	20	23	65	0	150
	ALEXANDRIA	01	9	28	2	2	4	4	19.2	22.4	62	0	132
	DAMIETTA	01	8	28	1	1	4	6	18.7	23.0	66	0	159
	PORT SA'ÎD	00	8	32	2	0	1	8	19	22	61	0	134
	EL 'ARÎSH	00	9	28	3	0	0	—	17.6	20.3	73	0	135
LOWER EGYPT	DAMANHÛR	01	7	28	3	1	4	8	19.2	21.2	54	0	136
	MANSÛRA	01	8	20	1	1	4	8	19.4	26.5	48	0	137
	TANTA	01	8	20	2	1	4	8	19.2	26.0	42	0	138
	ZAGAZIG	01	6	24	2	1	4	8	19.4	24.8	45	0	139
	SHEBÎN EL KÔM	01	8	22	3	1	3	8	19.8	26.2	50	0	
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	26	2	0	4	8	19	24	54	0	141
	CAIRO EZBEKÎYA	05	7	28	2	1	3	8	19.0	24.1	57	0	
	CAIRO GÎZA	05	7	28	2	1	3	8	19.4	24.6	54	0	
	HELWÂN	05	7	28	2	0	2	8	18.8	23.0	53	0	143
	SUEZ	00	9	02	1	0	0	—		24.1	39	0	144
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	19.0	23.9	47	0	153
	MINYA												154
	ASYÛT	00	8	26	2	0	0	—	17.4	24.9	35	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	16.8	25.7	39	0	164
	QENA	00	9	24	2	0	0	—	16.7	24.8	45	0	156
	LUXOR	00	9	26	2	0	0	—	15.6	17.0	33	0	157
	ASWÂN	01	9	32	1	1	4	1	16.0	25.0	40	0	158
WESTERN DESERT	SÎWA	00	8	12	2	0	0	—	20.8	26.0	35	0	148
	BAHARÎYA	00	8	32	1	0	0	—	18.8	24.0	39	0	149
	KHÂRGA	00	9	02	1	0	0	—		25.2	35	0	151
	DAKHLA	00	9	28	2	0	0	—	17.5	24.2	63	0	152
RED SEA	TÔR	00	7	28	2	0	0	—	16.6	24.9	56	0	145
	HURGHÂDA												146
	QUSEIR	00	8	02	3	0	0	—	16.7	25.0	63	0	147
	PORT SÛDÂN												206
NORTH SÛDÂN	WÂDI HALFA	02	8	02	3	1	8	2	14	27	19		165
	KAREIMA	01	9	32	2	1	4	2	11	31	19		166
	'ATBARA	00	7	32	2	1	1	1	8	33	32		167
	KHARTÛM												209
	KASSALA	00	8	04	2	0	2	8	4	38	16		170
CENTRAL SÛDÂN	WAD MEDANI	00	8	02	3	0	2	3	4	36	19		[illegible]
	RENK												172
	ROSEIRES	00	8	04	3	0	0	—	7	36	27		[illegible]
	EL OBEID	00	8	32	4	0	1	4	8	30	09		174
	EL FASHER	00	8	32	3	1	3	1	9	31	22		175
	GENEINA												179
	KADUGLI	01	8	04	2	1	3	1	8	33	23		182
S. SÛDÂN	MALAKÂL	01	8	03	4	1	3	1	6	34	41		[illegible]
	WÂU	02	8	06	2	1	7	4,5	6	34	25		[illegible]
	JUBA	02	8	02	2	1	7	8	5	36	31		[illegible]

At 20h. on 13th — الساعة ٢٠ يوم الخميس 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 TEMP. TTT	% HUMIDITY UU	RAIN 14-20h. mms
MEDITERRANEAN	SALÛM											
	MATRÛH	01	8	00	0	0	3	8	20.2	20.8	70	0
	MARIUT	00	7	00	0	0	•	—	21	18	88	0
	ALEXANDRIA	00	5	04	1	0	0	—	21.2	19.7	71	0
	DAMIETTA	08	4	00	0	4	0	—	20.0	18.0	90	0
	PORT SA'ÎD	00	7	10	1	0	0	—	20	20	73	0
	EL 'ARÎSH	00	9	04	4	0	0	—	19.8	16.8	85	0
LOWER EGYPT	DAMANHÛR	00	7	28	3	1	3	8	20.0	18.4	72	0
	MANSÛRA	00	6	32	1	1	0	—	21.0	19.5	77	0
	TANTA	01	8	00	0	5	4	7	20.8	18.1	82	dr
	ZAGAZIG	00	6	24	2	0	0	—	19.9	18.4	79	0
	SHEBÎN EL KÔM	00	7	22	2	1	0	—	20.0	19.3	79	0
MIDDLE EGYPT	CAIRO ALMÂZA	00	7	10	1	0	0	—	19.9	20.9	65	0
	CAIRO EZBEKÎYA	00	7	30	1	1	0	—	20.0	18.5	77	0
	CAIRO GÎZA	00	7	30	1	1	0	—	20.4	17.8	78	0
	HELWÂN	00	7	32	3	0	0	—	20.2	20.4	61	0
	SUEZ	00	9	02	2	0	0	—		19.9	55	0
UPPER EGYPT	FAIYÛM	00	8	32	1	0	0	—	19.6	18.0	72	0
	MINYA											
	ASYÛT	00	6	22	1	0	0	—	19.2	18.5	67	0
	NAG' HAMÂDI	00		00	0	0	0	—	17.8	15.7	89	0
	QENA	00	6	24	2	0	0	—	17.1	17.0	66	0
	LUXOR	00	8	22	2	0	0	—	16.8	20.3	46	0
	ASWÂN	00	9	00	0	0	0	—	16.8	21.6	53	0
WESTERN DESERT	SÎWA	00		00	0	0	0	—	21.0	18.0	71	0
	BAHARÎYA	00	7	32	1	0	0	—	19.2	19.5	51	0
	KHÂRGA	00	9	00	0	0	0	—		18.9	54	0
	DAKHLA	00	8	28	1	0	0	—	18.8	20.6	66	0
RED SEA	TÔR	00	7	28	1	0	0	—	16.8	21.9	50	0
	HURGHÂDA											
	QUSEIR	00	8	32	3	0	0	—	16.7	21.7	63	0
	PORT SÛDÂN											
NORTH SÛDÂN	WÂDI HALFA											
	KAREIMA											
	'ATBARA											
	KHARTÛM											
	KASSALA											
CENTRAL SÛDÂN	WAD MEDANI											
	RENK											
	ROSEIRES											
	EL OBEID											
	EL FASHER											
	GENEINA											
	KADUGLI											
S. SÛDÂN	MALAKÂL											
	WÂU											
	JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 13th — الرياح العليا يوم ١٣

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h m	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA 13h m
							09 01 20						09 10 20
							15 12 10						15 09 25
							21 02 05						18 09 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 13th	Diff from normal	WET BULB TEMP °C on 13th	Diff from normal
Alexandria	66	0	17.7	+0.3
Ezbekiya	69	+1	16.1	−0.3
Gîza	66	−5	16.9	+0.6
Helwân	61	+4	15.4	+0.3

GÎZA — GRASS MINIMUM TEMP ON 14th 9.7 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	14-11-47	13.61	−0.06	13.61	−0.07
Nasser		10.92	+0.44	10.93	+0.43
Malakâl		12.45	+0.13	12.45	+0.13
J. Aulia Res.		377.02	—	377.01	—
J. Aulia D.S		372.40	−0.34	372.41	−0.36
Roseires		14.50	+0.37	14.54	+0.36
Sennar Res.				11.96	—
Khartûm		11.96	−0.38	11.96	−0.43
Kh. el Girba					
'Atbara		11.39	−0.23	11.43	−0.22
Kajnarti				135.59	−0.75
Aswân Res.		119.56	—	119.41	—
Aswân D.S		86.12	−1.07	86.13	−1.19
Roda (Cairo)		16.58	−0.65	16.60	−0.69

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	14-11	1504	3133
	13-11	1504	3241

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on FRIDAY 14th — الساعة ٨ يوم الجمعة 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.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm °C	MINIMUM Today °C mm	MINIMUM Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	Total from Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN	SALÛM													—	—				
	MATRÛH	01	9	00	0	0	3	8	21.8	+4.2	18.0	22	−2	16	+1	77	0	Rain	26
	MARIUT	00	7	00	0	4	1	8	21		19	24	—	14	—	83	0	12	17
	ALEXANDRIA	01	8	00	0	2	4	5	21.8	+3.8	21.6	25	0	16	−1	69	0	42	20
	DAMIETTA	47	3	14	1	4	0	—	20.4	+3.7	17.2	25	—	13	—	90	0	10	12
	PORT SA'ÎD	00	7	22	1	0	1	1	21		20	24		16		64	0	4	8
	EL 'ARÎSH	00	9	12	3	0	0	—	20.4	+3.5	16.7	21	−4	11	−2	79	0	dr.	9
LOWER EGYPT	DAMANHÛR	00	6	28	2	0	2	8	21.4	+3.5	16.3					78	0	7	9
	MANSÛRA	01	8	02	1	1	3	6	21.0	+4.0	18.2	27	0	13	−2	80	0	8	5
	TANTA	00	8	28	1	0	0	—	21.6	+3.7	20.0	27	0	10	−3	81	dr.	dr.	5
	ZAGAZIG	00	6	24	2	0	0	—	21.2	+3.7	20.2	27	0	12	−1	82	0	1	3
	SHEBÎN EL KÔM	08	5	24	1	4	—	—	21.5	+3.0	15.6	28	—	12	—	87	0	dr.	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	10	1	0	0	—	21.0	+3.5	17.4	26	—	13	—	64	0	tr.	—
	CAIRO EZBEKÎYA	08	4	28	2	4	0	—	21.1	+3.6	16.6	26	0	14	0	75	0	dr.	2
	CAIRO GÎZA	08	4	28	2	4	0	—	21.5	+4.0	17.1	26	0	12	0	88	0	dr.	4
	HELWÂN	09	5	00	0	0	0	—	21.1	+3.3	16.4	23	−3	14	−1	82	0	dr.	2
	SUEZ	00	9	02	1	0	0	—			19.4	26	−1	17	+1	61	0	dr.	3
UPPER EGYPT	FAIYÛM	00	8	32	2	0	0	—	21.0	+3.6	17.8	25	−2	13	0	68	0	2	0
	MINYA																	0	—
	ASYÛT																	0	0
	NAG' HAMÂDI	00	8	00	0	0	0	—	18.3	+2.1	17.2		—		—	72	0	0	—
	QENA	00	7	28	3	0	0	—	18.0	+1.9	16.6	25	−6	10	−4	74	0	0	—
	LUXOR	00	9	20	2	0	0	—	18.2	+2.4	19.3	29	−2	9	−4	47	0	0	—
	ASWÂN	00	9	02	1	0	0	—	18.3	+2.7	17.2	27	−4	13	−4	52	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	21.6	+2.8	17.8	27	0	13	−3	72	0	0	0
	BAHARÎYA	00	8	00	0	0	0	—	20.2	+1.9	17.0	25	−2	10	−2	61	0	0	1
	KHÂRGA	00	9	02	1	0	0	—			17.8	26	−3	14	+1	65	0	0	—
	DAKHLA	00	8	00	0	0	0	—	21.0	+3.3	16.2	26	−3	13	0	78	0	0	—
RED SEA	TÔR	00	7	04	2	0	0	—	17.2	+1.6	18.2			11	−4	51	0	0	2
	HURGHÂDA	00	9	28	2	0	0	—	18		20	24		14		46	0	0	1
	QUSEIR	00	8	30	3	0	0	—	17.2	+1.8	23.7	25	−3	19	−1	42	0	0	1
	PORT SÛDÂN	01	8	30	4	1	4	4,6	15		27			24		74	0	4	32
NORTH SÛDÂN	WÂDI HALFA	00	8	02	1	0	0	—	17		16			11		28	0	0	—
	KAREIMA	00	9	04	3	0	0	—	15		23			19		29	0	0	1
	'ATBARA	01	7	32	3	0	3	1	12		26			22		55	0	dr.	2
	KHARTÛM	00	8	32	3	0	1	4	13		25			18		32	0	dr.	4
	KASSALA	00	8	32	1	0	3	1	9		29			19		48	0	dr.	8
CENTRAL SÛDÂN	WAD MEDANI	00	8	02	4	0	0	—	11		26					45	0	7	11
	RENK	00	9	32	3	0	0	—	12		27		—		—	45	—	—	46
	ROSEIRES	00	8	32	1	0	0	—	10		21					57	0	33	33
	EL OBEID	00	8	30	4	0	0	—	14		22			17		21	0	1	16
	EL FÂSHER	00	8	32	2	0	0	—	—	—	18			13		32	0	0	6
	GENEINA	00	8	02	3	0	3	2	—	—	18		—	15	—	26	—	—	4
	KADUGLI	01	8	28	1	1	3	1	12		23		—		—	32	—	—	85
S. SÛDÂN	MALAKÂL	00	8	00	0	0	1	4	11		24			17		47	0	53	83
	WÂU	01	7	00	0	1	3	4,1	11		23			19		69	0	48	137
	JUBA	05	7	14	1	1	6	2	11		26			20		58	0	25	113

Upper Winds are in the Code HHDDVV where HH is Height 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 7 h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	LUXOR 7 h 45 m.	ASWÂN h. m.	WÂDI HALFA 7 h 15 m	ABU HAMAD 6 h 45 m.	KAREIMA 7 h 15 m.	KHARTÛM 6 h 15 m
06 35 05						06 05 15		06 05 35	06 03 25	06 04 40	06 01 30
09 32 20						09 10 20		09 07 30	09 07 30	09 08 15	09 02 45
12 32 20						12 13 15		15 13 10	15 12 15	15 14 10	15 03 50
15 30 20						15 11 05		21 18 05	21 24 15	21 24 05	21 08 15
18 29 10						18 05 05		24 12 05	24 25 15	24 28 15	24 08 20
21 26 15						21 06 10		30 30 15	30 19 05	30 26 15	30 03 05
24 28 15						24 06 15		33 30 20	33 18 05	33 33 25	33 11 05
27 30 15						27 06 05		39 30 20	39 15 05	39 33 20	39 33 05
30 27 10						30 07 05		45 29 20	45 15 05	45 25 30	45 27 10

KASSALA 7 h. m.	PORT SÛDÂN 7 h. 15 m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
06 09 15	06 01 30	06 35 30	09 01 25	09 05 35	06 02 15
09 09 25	09 05 20	09 02 40	15 35 15	15 07 35	09 02 50
15 10 35	15 08 30	15 04 40	21 02 15	21 09 15	15 03 50
21 07 30	21 11 30	30 10 30	24 04 15	24 08 15	21 03 40
24 03 10		33 11 30	30 08 15	30 10 20	
30 02 20		39 12 30	33 09 15	33 13 20	
33 35 30		45 11 25	39 18 10		
		60 13 05			

CYPRUS SYNOPTIC 8h ON

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON

HEIGHT FEET	P.P.P. m.b.	T.T. °F	T.T. °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

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. 06 = 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 6h 26
Sunset 16h 39

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month NOVEMBER 1947 — شهر نوفمبر ١٩٤٧

At 14h. on FRIDAY 14th (الساعة ١٤ يوم ١٤) — At 20h. on 14th (الساعة ٢٠ يوم الجمعة 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	32	1	0	3	8	20.8	22.6	68	0	00	8	32	1	0	0	—	21.8	21.2	65	0	131
MARIUT	00	8	30	2	0	2	8	21	23	65	0	00	7	00	0	0	1	3	21	18	83	0	150
ALEXANDRIA	01	9	04	4	2	3	8	20.7	22.2	63	0	01	6	32	2	2	4	4	21.5	19.8	70	0	132
DAMIETTA	01	8	04	2	1	3	9	19.5	22.1	64	0	01	7	28	2	1	4	8	20.0	20.0	80	0	159
PORT SA'ÎD	00	8	32	2	0	1	8	20	22	65	0	00	7	32	2	0	0	—	20	20	78	0	134
EL 'ARÎSH	00	9	28	3	0	2	3	19.0	21.7	47	0	00	9	30	3	0	0	—	18.2	21.7	84	0	135
Lower Egypt																							
DAMANHÛR	01	7	04	3	1	3	8	20.6	23.0	48	0	01	6	04	3	1	3	8	21.7	17.3	72	0	136
MANṢÛRA	01	8	32	1	1	4	8	19.4	24.5	53	0	00	6	30	2	1	0	—	21.0	18.8	81	0	137
ṬANṬA	01	8	28	2	1	4	8	19.5	25.1	42	0	00	9	32	1	1	0	—	20.7	17.4	85	0	138
ZAGAZIG	00	6	32	2	0	0	—	19.6	25.4	43	0	00	6	32	2	0	0	—	20.2	20.2	82	0	139
SHEBÎN EL KÔM	00	8	28	3	1	2	8	19.6	25.6	46	0	00	7	28	2	1	0	—	20.4	17.4	82	0	—
Middle Egypt																							
CAIRO ALMÂZA	00	8	02	3	0	3	8	19.1	24.8	58	0	00	7	02	3	0	0	—	20.1	19.9	83	0	141
CAIRO EZBEKÎYA	00	8	32	4	1	2	8	19.4	24.8	53	0	00	7	30	2	0	0	—	20.2	19.2	80	0	—
CAIRO GÎZA	00	8	32	4	1	2	8	19.6	23.9	52	0	00	7	30	2	0	0	—	20.4	18.9	83	0	—
ḤELWÂN	00	8	32	4	0	1	8	19.0	24.0	48	0	00	7	32	5	0	0	—	20.3	20.0	68	0	143
SUEZ	00	9	32	1	0	0	—		25.5	33	0	00	9	30	1	0	0	—		19.2	77	0	144
Upper Egypt																							
FAIYÛM	00	8	30	2	0	0	—	19.0	25.0	45	0	00	8	32	1	0	0	—	19.9	19.0	63	0	153
MINYA																							154
ASYÛṬ	00	8	26	1	0	0	—	17.4	26.0	30	0	00	6	22	1	0	0	—	18.8	20.0	64	0	155
NAG' ḤAMÂDI	00	8	32	1	0	0	—	16.7	26.3	35	0	00	8	00	0	0	0	—	17.1	16.8	79	0	164
QENA	00	9	24	2	0	0	—	16.4	25.4	41	0	00	6	24	2	0	0	—	16.4	20.6	42	0	156
LUXOR	00	9	22	2	0	0	—	15.5	27.4	25	0	00	8	26	2	0	0	—	16.8	19.6	47	0	157
ASWÂN	00	9	32	2	0	0	—	14.8	26.0	34	0	00	9	00	0	0	0	—	16.4	23.3	34	0	158
Western Desert																							
SÎWA	00	8	20	2	0	0	—	20.7	26.8	59	0	00		00	0	0	0	—	20.8	17.0	74	0	148
BAHARÎYA	01	8	32	2	1	3	8	19.2	25.0	42	0	00	7	32	1	0	0	—	19.9	19.6	51	0	149
KHÂRGA	00	9	02	1	0	0	—		27.4	26	0	00	9	00	0	0	0	—		21.3	47	0	151
DAKHLA	00	9	28	1	0	0	—	16.2	26.8	64	0	00	8	00	0	0	0	—	19.2	17.0	72	0	152
Red Sea																							
ṬÔR	00	7	28	2	0	0	—	17.2	26.2	56	0	00	7	28	1	0	0	—	16.7	23.2	59	0	145
HURGHÂDA	00	9	02	2	0	0	—	17.	25	74	0	00	8	30	4	0	0	—	17	23	57		146
QUṢEIR	00	8	32	3	0	0	—	16.4	26.4	59	0	00	8	30	3	0	0	—	16.6	23.7	62	0	147
PORT SÛDÂN	10	8	32	1	1	6	6,4	13	29	74													208
North Sûdân																							
WÂDI ḤALFA	00	8	02	3	0	0	—	14	29	18													165
KAREIMA	00	8	10	2	0	0	—	12	33	34													166
'AṬBARA	00	8	02	2	0	0	—	9	36	27													167
KHARṬÛM																							209
KASSALA																							170
Central Sûdân																							
WAD MEDANI	00	8	32	4	0	3	8	6	43	14													171
RENK	00	8	04	2	0	0	—	6	36	27													182
ROSEIRES	00	8	28	1	0	0	—	6	36	31													172
EL OBEID	00	8	02	4	0	0	—	8	33	19													174
EL FÂSHER	00	8	04	2	0	2	1	=	32	21									=				175
GENEINA	00	8	32	3	0	3	2	=	33	11									=				179
KADUGLI	01	8	04	3	1	3	1	8	36	20													187
S. Sûdân																							
MALAKÂL	00	8	04	3	0	3	4	6	37	20													176
WÂU	01	8	04	3	1	3	4	7	33	23													177
JUBA	02	7	28	2	1	6	8	5	37	35													173

At 8h. on SATURDAY 15th — الساعة ٨ يوم السبت ١٥

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yester day °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												—		—				
MATRÛH	00	9	00	0	0	1	8	21.9	+4.3	17.6	24	0	15	0	73	0	Rain	27
MARIUT	01	7	00	0	0	4	6,4	22		22	24	—	19	—	69	0	12	18
ALEXANDRIA	02	9	04	2	2	5	9	21.5	+3.5	21.2	24	-1	19	+2	68	0	42	21
DAMIETTA	01	8	02	3	1	3	9	19.8	+3.1	20.8	24	—	15	—	83	0	10	13
PORT SA'ÎD	05	6	00	0	0	3	9	20		22	23		16		74	0	4	9
EL 'ARÎSH	01	9	16	1	0	4	8	20.0	+3.0	17.9	25	0	13	0	89	0	dy.	10
Lower Egypt																		
DAMANHÛR	01	6	04	3	1	3	8	21.1	+3.2	16.5	24	-2	14	0	74	0	7	10
MANṢÛRA	00	8	32	1	0	0	—	20.7	+3.6	19.0	27	+1	16	+2	76	0	8	5
ṬANṬA	00	8	32	1	0	0	—	21.0	+3.1	18.6	26	0	10	-3	83	0	dy.	5
ZAGAZIG	00	6	24	2	0	2	8	21.1	+3.5	17.4	27	0	14	+1	88	0	1	3
SHEBÎN EL KÔM	09	7	30	1	4	0	—	20.8	+3.1	15.6	27	—	13	—	90	0	dy.	—
Middle Egypt																		
CAIRO ALMAZA	00	7	02	1	0	3	6	20.7	+3.2	18.0	25	—	15	—	79	0	dy.	—
CAIRO EZBEKÎYA	01	6	30	1	1	3	8	21.0	+3.5	16.4	26	0	15	+1	85	0	dy.	2
CAIRO GÎZA	01	6	30	1	1	3	8	21.2	+3.6	17.7	25	-1	13	+1	82	0	dy.	4
ḤELWÂN	09	6	02	2	0	3	4,8	20.8	+2.0	18.0	24	-1	15	0	78	0	dy.	2
SUEZ	01	9	32	1	1	4	3			19.1	26	-1	17	+1	82	0	dy.	3
Upper Egypt																		
FAIYÛM	01	8	32	2	1	4	3	21.1	+3.6	16.6	25	-2	13	0	80	0	2	0
MINYA																	0	—
ASYÛṬ																	0	0
NAG' ḤAMÂDI	00	8	00	0	0	0	—	18.8	+2.5	16.8		—		—	76	0	0	—
QENA	01	7	24	2	0	3	1	18.0	+1.8	15.4	26	-4	13	-1	85	0	0	—
LUXOR	00	9	00	0	1	0	—	18.4	+2.5	18.5	29	-2	10	-2	56	0	0	—
ASWÂN	00	9	02	2	0	0	—	17.9	+2.1	19.4	28	-3	16	-1	51	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	—	21.4	+2.5	16.0	27	0	11	+1	81	0	0	0
BAHARÎYA	02	8	02	2	2	5	2	21.5	+3.2	15.1	25	-1	11	-1	89	0	0	1
KHÂRGA	01	9	02	1	0	3	8			19.0	28	-1	16	+3	63	0	0	—
DÂKHLA	02	8	28	1	1	5	5	20.4	+2.6	17.3	27	-2	15	+3	75	0	0	—
Red Sea																		
ṬÔR	00	7	04	1	0	0	—	17.2	+1.6	17.9			12	-3	52	0	0	2
HURGHÂDA	00	9	28	2	0	2	1	18		21	25		16		61	0	0	1
QUSEIR	00	8	30	3	0	0	—	16.4	+1.0	23.8	27	-1	20	0	50	0	0	1
PORT SÛDÂN	01	9	30	3	1	3	8	15		27			23		79	6 1	10	34
North Sûdân																		
WÂDI ḤALFA																0	0	—
KAREIMA	00	9	04	3	0	0	—	14		24			19		32	0	0	1
'AṬBARA	00	8											22			0	dy.	2
KHARṬÛM	01	8	32	3	0	3	1	12		27			23		42	0	dy.	4
KASSALA	00	8	02	3	0	0	—	10		27			22		58	0	dy.	8
Central Sûdân																		
WAD MEDANI	01	8	02	4	0	3	1	11		27					45	0	7	11
RENK	00	9	32	2	0	0	—	11		27		—		—	40	—	—	—
ROSEIRES	00	8	28	1	0	0	—	10		23					84	0	33	46
EL OBEID	01	8	30	4	0	4	1	13		23			19		26	0	1	33
EL FÂSHER	02	8	00	0	1	6	2	—	—	17			13		37	0	0	16
GENEINA	01	8	32	3	1	3	4	—	—	20		—	14	—	17	—	—	6
KADUGLI	01	8	28	2	1	4	1	11		26		—		—	32	—	—	4
S. Sûdân																		
MALAKÂL																0	53	86
WÂU	01	8	32	1	1	4	4	12		22			20		74	0	48	138
JUBA	02	8	18	1	1	8	4	11		27			21		58	0	25	114

UPPER WINDS ON 14th (الرياح العليا يوم ١٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h 15m.	KAREIMA h. m.	KHARṬÛM h. m.	KASSALA 12h 45m.	EL OBEID h. m.	MALAKAL 13h. m.	JUBA h. m.
							09 01 15			09 06 05		09 06 20	
							15 21 10			15 07 25		15 04 40	
							21 26 10			21 06 25		21 02 30	
							30 29 15			30 05 25			
							33 26 15			33 02 15			
							39 22 10			39 01 20			
										45 35 10			

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 6h 45m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛṬ h. m.	LUXOR 7h 30m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h m.	KAREIMA 7h m.	KHARṬÛM 6h 45m
03 32 02						03 01 05			09 07 30	09 05 40	09 04 45
06 01 05						06 36 05			15 05 20	15 01 05	15 04 30
09 35 15						09 01 05			21 03 05	21 31 20	21 02 20
12 34 15						12 02 05			30 29 20	30 33 15	27 32 15
15 01 15						15 02 05			33 29 20	33 29 15	30 34 15
18 35 25						18 02 10			39 03 10	39 22 15	33 33 15
21 35 25						21 34 10			45 23 05	45 21 15	36 34 20
						24 31 10			51 23 15		
						27 31 20					

KASSALA 6h 45m	PORT SÛDÂN 7h 15m	EL OBEID 7h 15m	EL FÂSHER 6h 45m	GENEINA 7h 15m	MALAKAL 7h m
09 09 30	09 17 15	09 03 55	09 01 15	09 05 40	09 01 35
15 05 20	15 14 25	15 05 35	15 02 15	15 08 50	15 02 60
21 03 20	21 14 40	21 02 25	21 04 20	21 06 35	21 03 35
24 02 15	24 13 40	27 03 05	30 17 05	24 05 25	24 02 35
30 34 15	33 18 45	30 22 05	33 19 10		30 05 35
33 30 15		33 18 05	39 01 10		33 05 20
39 34 15		36 18 10	45 05 10		
			54 09 20		
			60 12 20		
			75 17 15		

CYPRUS SYNOPTIC 8h ON 15th
34820 01953 22213 21141 30202 [illegible]
34700 00990 28200 2016x x0402 00031

UPPER AIR TEMP ALMÂZA — 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 14th	Diff from normal	Wet Bulb Temp °C on 14th	Diff from normal
Alexandria	65	-1	17.8	+0.5
Ezbekiya	71	+3	17.0	+0.8
Giza	78	+7	16.9	+0.9
Helwân	70	+13	16.1	+1.1

GÎZA — GRASS MINIMUM TEMP. ON 15th 9.9 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON ... °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m
Jûba	15-11-47	13.61	-0.06	13.61	-0.06
Nâsser		10.91	+0.45	10.92	+0.44
Malakâl		12.45	+0.13	12.45	+0.13
J. Aulia Res.		377.08	—	377.02	—
J. Aulia D.S		372.39	-0.33	372.60	-0.34
Roseires		14.44	+0.36	14.50	+0.37
Sennar Res.					
Kharṭûm		11.94	-0.37	11.96	-0.38
Kh. el Girba					
'Atbara		11.39	-0.20	11.39	-0.23
Kajnarti		135.43	-0.75		
Aswân Res.		119.73	—	119.56	—
Aswân D.S		86.12	-0.95	86.12	-1.07
Roda (Cairo)		16.58	-0.59	16.58	-0.65

Discharges at Aswân measured by sluices m³ per sec.	Date	1947	1946
	15-11	1504	3040
	14-11	1504	3133

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 m. 20
Sunset 16 h. 59 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1947 — شهر نوفمبر ١٩٤٧

1417 F.O.

At 14h. on SATURDAY 15th — الساعة ١٤ يوم ١٥

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. dd	WIND Force f	PAST WEATHER w	CLOUD Amount n	CLOUD Form c	BAR PRESS M.S.L. 1000+ mbs. ppp	°C TEMP. ttt	% HUMIDITY uu	RAIN 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	30	1	0	3	8	21.5	22.1	67	0
MARIUT	01	7	02	3	1	4	8	20	23	65	0
ALEXANDRIA	01	9	04	2	2	4	8	20.6	23.7	62	0
DAMIETTA	01	8	32	4	1	4	6	19.5	21.7	71	0
PORT SA'ID	00	7	01	2	0	3	8	20	23	65	0
EL 'ARÎSH	00	9	28	3	0	3	8	18.0	23.1	42	0
LOWER EGYPT											
DAMANHÛR	01	7	32	3	1	4	8	20.6	22.3	46	0
MANSÛRA	01	8	04	2	1	4	8	19.6	23.5	56	0
TANTA	01	8	32	2	1	4	8	19.6	25.0	43	0
ZAGAZIG	00	6	24	2	0	2	8		26.5	42	0
SHEBÎN EL KÔM	01	8	02	3	1	4	8	19.2	26.4	49	0
MIDDLE EGYPT											
CAIRO ALMÂZA	01	8	32	3	1	4	8,6	18.4	24.2	54	0
CAIRO EZBEKÎYA	01	8	30	2	1	3	8	18.6	24.8	56	0
CAIRO GÎZA	01	8	30	2	1	3	8	18.6	23.9	56	0
HELWÂN	01	8	32	5	1	5	8	18.4	24.0	49	0
SUEZ	00	9	02	2	0	0	—		24.3	49	0
UPPER EGYPT											
FAIYÛM	01	8	32	3	1	4	8	18.3	24.3	48	0
MINYA											
ASYÛT	00	8	22	1	0	0	—	16.2	24.2	38	0
NAG' HAMÂDI	00	8	32	1	0	0	—	15.6	26.9	46	0
QENA	01	9	24	2	1	4	3	15.1	25.6	38	0
LUXOR	01	9	26	2	1	4	2	15.0	28.5	37	0
ASWÂN	00	9	32	1	0	0	—	13.8	26.6	33	0
WESTERN DESERT											
SÎWA	00	8	00	0	0	0	—	21.2	25.3	46	0
BAHARÎYA	01	8	32	2	1	3	8	19.2	24.4	38	0
KHÂRGA	01	9	02	1	0	4	8		26.1	37	0
DAKHLA	02	8	28	1	1	5	5	16.3	26.0	55	0
RED SEA											
TÔR	00	7	28	3	0	0	—		24.8	63	0
HURGHÂDA											
QUSEIR	01	8	32	3	1	4	4	15.1	25.9	60	0
PORT SÛDÂN	01	8	06	3	1	3	8	12	30	70	
NORTH SÛDÂN											
WÂDI HALFA	00	8	02	2	0	0	—	13	29	15	
KAREIMA	00	9	06	2	0	2	2	10	34	29	
'ATBARA	00	8	32	2	0	0	—	8	35	30	
KHARTÛM	01	8	04	2	1	3	1	8	36	15	
KASSALA	00	8	32	1	0	2	8	5	37	20	
CENTRAL SÛDÂN											
WAD MEDANI	01	8	32	3	0	3	4	6	38	18	
RENK	01	9	04	4	1	4	8	7	37	24	
ROSEIRES	00	8	28	1	0	0	—	6	38	21	
EL OBEID	02	8	32	3	1	8	2	7	34	16	
EL FÂSHER	02	8	32	3	1	6	8	—	32	16	
GENEINA								—			
KADUGLI	01	8	04	2	1	4	1	7	36	44	
S. SÛDÂN											
MALAKÂL	02	8	04	1	1	6	4	7	35	23	
WÂU	01	8	06	4	1	4	4	6	32	28	
JUBA	02	8	02	2	1	8	8	6	33	15	

At 20h. on 15th — الساعة ٢٠ يوم السبت 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 14-20 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	32	1	0	0	—	22.2	20.7	68	0	131
MARIUT	00	7	01	1	0	0	—	22	19	73	0	150
ALEXANDRIA	00	6	04	2	0	1	—	21.8	20	67	0	132
DAMIETTA	00	7	30	2	1	2	8	20.0	20.0	73	0	159
PORT SA'ID	00	8	02	4	0	3	8	20	21	83	0	134
EL 'ARÎSH	00	9	28	3	0	0	—	18.3	21.8	79	0	135
LOWER EGYPT												
DAMANHÛR	00	7	32	2	1	0	—	21.1	17.4	74	0	136
MANSÛRA	00	6	32	1	1	0	—	21.4	18.6	81	0	137
TANTA	01	8	28	1	1	4	8	21.5	17.7	82	0	138
ZAGAZIG	00	6	24	2	0	0	—		19.4	79	0	139
SHEBÎN EL KÔM	00	7	02	1	1	0	—	20.0	18.0	81	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	00	7	02	3	0	0	—	21	20	73	0	141
CAIRO EZBEKÎYA	00	7	32	2	0	0	—	20.8	19.3	77	0	—
CAIRO GÎZA	00	7	32	2	0	0	—	21.1	18.9	79	0	—
HELWÂN	00	7	32	4	0	3	8	20.7	19.6	75	0	143
SUEZ	00	9	02	2	0	0	—		20.0	75	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	3	0	0	—	20.3	20.3	69	0	153
MINYA												154
ASYÛT	00	6	22	1	0	0	—	18.8	17.6	74	0	155
NAG' HAMÂDI	00	8	00	0	0	0	—	17.2	18.2	75	0	164
QENA	01	6	22	2	1	4	—	16.3	19.6	60	0	156
LUXOR	01	8	22	2	1	4	2	15.9	20.0	83	0	157
ASWÂN	00	9	00	0	0	0	—	15.8	24.0	38	0	158
WESTERN DESERT												
SÎWA	00		00	0	0	0	—	21.2	15.7	62	0	148
BAHARÎYA	00	7	32	1	0	3	8	19.9	18.0	57	0	149
KHÂRGA	00	9	30	1	0	0	—		20.4	51	0	151
DAKHLA	00	8	00	0	0	0	—	18.3	21.0	65	0	152
RED SEA												
TÔR	00	7	28	2	0	0	—		21.8	66	0	145
HURGHÂDA												146
QUSEIR	00	8	32	3	1	3	—	15.0	23.8	70	0	147
PORT SÛDÂN												208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												178

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	12 h. 45 m.	h. m.	h. m.	13 h. m.	13 h. m.	h. m.	12 h. 30 m.	h. m.	13 h. m.	h. m.
				03 35 15			03 01 20	03 05 10		06 05 10		06 05 15	
				06 36 30			06 02 20	06 04 15		09 04 10		09 04 15	
				09 36 30			09 02 20	09 01 05		15 35 05		15 06 10	
				12 36 20			15 02 15	15 04 15				21 06 30	
				15 35 15			21 32 05	21 32 10				30 08 50	
				18 32 15			30 33 20	30 26 10				33 07 50	
				21 33 15				33 33 05					
				24 33 15				39 21 10					

At 8h. on SUNDAY 16th — الساعة ٨ يوم الأحد 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.	TEMPERATURE Dry Bulb °C ttt	MAXIMUM Yesterday °C mm	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY uu	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	00	9	00	0	0	0	—	22.3	+4.7	18.8	22	-1	14	-1	60	0	Rain	27
MARIUT	00	7	00	0	0	3	8	21		20	24	—	13	—	83	0	12	19
ALEXANDRIA	01	7	00	0	1	4	8	21.0	+3.0	21.8	25	0	17	0	74	0	42	22
DAMIETTA	00	8	02	2	1	3	9	20.6	+3.9	20.9	23	—	15	—	74	0	10	14
PORT SA'ID	00	7	04	3	0	3	8	21		22	25		20		65	0	4	9
EL 'ARÎSH	00	9	14	2	1	3	8	19.8	+2.7	18.1	25	0	13	0	86	0	du.	10
LOWER EGYPT																		
DAMANHÛR	00	6	32	2	0	0	—	21.1	+3.1	17.0	26	0	13	-1	86	0	7	10
MANSÛRA	01	8	32	1	1	3	8	21.5	+4.4	19.0	26	0	16	+2	76	0	8	6
TANTA	01	8	32	1	1	4	8	21.4	+3.4	18.0	25	-1	12	-1	89	0	du.	5
ZAGAZIG	00	6	24	2	1	2	8	21.5	+3.9	15.8	28	+2	14	+1	92	0	1	3
SHEBÎN EL KÔM	09	6	02	1	4	0	—	21.1	+3.4	16.6	27	—	13	—	85	0	du.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	9	05	2	1	2	8	21.4	+3.9	18.0	25	—	16	—	82	0	tr.	—
CAIRO EZBEKÎYA	05	5	30	2	0	2	8	20.8	+3.1	16.9	26	0	16	+2	86	0	du.	3
CAIRO GÎZA	05	5	30	2	0	2	8	21.0	+3.4	16.3	25	-1	15	+3	80	0	du.	4
HELWÂN	00	7	02	4	0	1	8	20.3	+2.3	18.5	25	0	16	+1	83	0	du.	2
SUEZ	01	9	02	1	1	4	8			19.2	26	-1	14	-1	80	0	du.	4
UPPER EGYPT																		
FAIYÛM	00	8	32	3	0	0	—	19.9	+2.4	18.8	25	-2	15	+2	75	0	2	0
MINYA																	0	—
ASYÛT	00	7	22	1	0	0	—	19.4	+1.9	14.3	25	-1	13	0	92	0	0	0
NAG' HAMÂDI	00	8	00	0	0	0	—	18.2	+1.9	15.1		—		—	88	0	0	—
QENA	00	7	24	2	0	0	—	17.5	+1.2	15.2	27	-3	13	0	89	0	0	—
LUXOR	00	9	12	1	0	0	—	17.9	+1.9	19.8	31	4	11	-1	61	0	0	—
ASWÂN	00	9	32	1	0	0	—	16.8	+0.9	19.0	30	-1	16	0	65	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	22.0	+3.1	15.0	28	+1	9	-1	63	0	0	0
BAHARÎYA	01	8	32	2	0	3	4	20.7	+2.4	15.7	24	-2	12	+1	86	0	0	1
KHÂRGA	00	9	02	1	0	0	—			16.0	27	-2	14	+1	79	0	0	—
DÂKHLA	00	8	00	0	0	0	—	19.4	+1.5	18.0	26	-2	13	+1	72	0	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—	16.4	+0.7	16.8			12	-3	61	0	0	2
HURGHÂDA																	0	1
QUSEIR	00	8	30	4	0	0	—	16.4	+0.9	23.0	28	0	20	0	59	0	0	1
PORT SÛDÂN	25	8	30	4	8	5	8,6	13		27			24		84	2	12	35
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	2	0	0	—	16		17			14		52	0	0	—
KAREIMA	00	9	06	3	0	0	—	13		24			20		28	0	0	1
'ATBARA	00	8	32	2	0	0	—	12		23			22		42	0	du.	2
KHARTÛM	00	8	32	3	0	1	1	12		26			23		37	0	du.	4
KASSALA	00	7	00	0	0	0	—	10		28			21		58	0	du.	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	02	4	0	3	3	11		27					45	0	7	11
RENK	00	9	32	3	0	0	—	12		28		—		—	35	—	—	46
ROSEIRES	00	8	30	1	0	0	—	11		22						0	33	34
EL OBEID	01	8	30	3	1	4	4	12		23			21		34	0	1	16
EL FÂSHER	00	8	32	1	0	2	1	—	—	17			12		28	0	0	6
GENEINA								—	—			—		—		0	—	4
KADUGLI	00	8	12	1	0	0	—	11		27		—		—	70	—	—	86
S. SÛDÂN																		
MALAKÂL	00	8	00	0	1	3	4	11		27			19		58	0	53	83
WÂU	01	8	00	0	1	3	4	11		22			21		78	0	48	138
JUBA	00	8	02	3	0	2	4	16		21			15		18	0	25	115

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	6 h. m.
03 04 10			02 04 35		02 27 20		02 03 10	03 02 20	06 02 35	06 04 50	06 02 50
06 04 15			05 04 30		05 28 25		05 08 20	06 05 35	09 05 35	09 04 45	09 02 50
09 03 15			08 04 55				10 07 20	09 07 35	15 07 15	15 03 20	15 01 25
12 02 15							15 04 15	15 07 20	21 02 05	21 33 05	21 23 20
15 02 15							20 05 15	21 08 20	24 01 10	24 30 05	30 25 30
18 09 05							25 02 20	24 07 25	30 03 15	30 32 05	33 26 30
21 02 05								30 06 30	33 01 10	33 04 05	39 33 15
								33 06 25	39 01 10	39 02 25	45 03 10
								39 01 15		45 03 20	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	5 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.
	03 02 20		09 34 15	09 06 40	06 35 05
	06 05 20		15 02 05	15 07 40	09 02 25
	09 07 20		21 07 30	21 09 30	15 02 30
			24 08 20	24 06 25	21 03 40
			30 04 20	30 34 05	24 03 40
			33 03 30	33 11 10	30 05 35
			39 36 25	39 23 10	33 05 30
			45 34 30	45 22 20	39 07 15
					45 13 05

CYPRUS SYNOPTIC 8h ON 16th

34820 01962 20202 22151 20309 00120
34710 01982 28202 21161 10406 00161

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

HEIGHT FEET	P.P.P mb.	T T °F	t t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	16 - 11	1504	2954
	15 - 11	1504	3040

STATION	Mean of day: HUMIDITY % on 15th	Diff from normal	WET BULB TEMP °C on 15th	Diff from normal
Alexandria	64	-2	17.7	+0.5
Ezbekîya	74	+6	17.0	+0.9
Gîza	74	+3	17.0	+1.3
Helwân	71	+14	16.7	+1.6

GÎZA — GRASS MINIMUM TEMP. ON 16th 12.2 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.61	-0.06
Nâsser				10.91	+0.45
Malakâl		12.45	+0.14	12.45	+0.13
J. Aulia Res.				377.08	—
J. Aulia D.S				372.39	-0.33
Roseires	16-11-47	14.40	+0.38	14.44	+0.36
Sennar Res.					
Khartûm		11.92	-0.35	11.94	-0.37
Kh. el Girba					
'Atbara		11.39	-0.16	11.39	-0.20
Kajnarti				135.43	-0.75
Aswân Res.		119.88	—	119.73	—
Aswân D.S		86.13	-1.81	86.12	-0.95
Roda (Cairo)		16.58	-0.53	16.58	-0.59

Printed by the Survey of Egypt, 1945.(45/306)

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick " " " " 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
" of Snow 83, 84
" of Sleet 85, 86
" of Hail 88, 89
Thunderstorm 90-99
" ended, now Rain 91
" with Hail 94-96
" with Duststorm 98
" heavy, with Hail 99

PAST WEATHER (W)

Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)

Objects not visible at
50 metres 0
200 " 1
500 " 2
1 Kilometre 3
2 " 4
4 " 5
10 " 6
20 " 7
50 " 8
Visible over 50 kms. 9

CLOUD 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 6 h. 21 m.
Sunset 16 h. 59 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

1417 F.O.

Station	At 14h. on Sunday 16th (الساعة ١٤ يوم الأحد ١٦) Present Weather ww	Visibility v	Wind Dir. DD	Wind Force 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 16th (الساعة ٢٠ يوم الأحد ١٦) Present Weather ww	Visibility v	Wind Dir. DD	Wind Force 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	1	0	0	—	20.2	22.2	54	0	01	8	00	0	1	3	8	20.8	18.1	70	0	131
MARIUT	00	7	30	2	0	2	8	21	23	65	0	00	7	00	0	0	1	8	21	18	83		150
ALEXANDRIA	01	9	04	3	2	4	8	19.4	22.6	62	0	01	6	04	2	2	4	8	20.0	20.0	66	0	132
DAMIETTA	01	8	32	3	1	5	8	18.6	22.1	64	0	00	7	32	2	1	0	—	18.8	19.8	74	0	159
PORT SA'ÎD	00	8	32	2	0	1	8		22	65	0	00	7	32	2	0	0	—		20	78	0	134
EL 'ARÎSH	00	9	28	3	0	3	8	17.6	22.4	79	0	01	9	30	3	1	4	8	16.3	21.4	80	0	135
LOWER EGYPT																							
DAMANHÛR	01	7	04	3	1	4	8	19.0	23.3	52	0	01	6	32	3	1	3	8	19.8	17.3	72	0	136
MANSÛRA	01	8	02	1	1	4	8	18.6	22.0	47	0	00	6	04	1	1	0	—	20.2	18.6	78	0	137
TANTA	02	8	32	3	1	5	8	17.9	25.0	47	0	01	8	32	1	1	4	8	19.4	17.3	83	0	138
ZAGAZIG	01	9	04	4	2	4	8	17.8	24.4	49	0	00	6	32	2	0	0	—	18.0	18.6	79	0	139
SHEBÎN EL KÔM	01	8	04	3	1	3	8	18.0	25.4	44	0	00	7	02	1	0	0	—	19.2	17.8	80	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	02	3	0	3	8	16.9	24.2	50	0	00	7	03	2	0	0	—	18	20	64	0	141
CAIRO EZBEKÎYA	01	8	02	3	1	3	8	17.4	25.1	48	0	01	6	02	3	1	3	8	18.4	17.9	76	0	—
CAIRO GÎZA	01	8	02	3	1	3	8	17.6	24.9	49	0	01	6	02	3	1	3	8	18.4	17.2	79	0	—
ḤELWÂN	01	9	02	4	1	4	8	17.0	25.1	38	0	00	7	02	5	0	2	8	18.4	19.6	66	0	143
SUEZ	01	9	02	2	1	4	1		24.8	47	0	00	9	30	1	0	0	—		19.2	67	0	144
UPPER EGYPT																							
FAIYÛM	01	8	02	3	1	4	8	16.8	25.1	43	0	01	8	32	2	1	4	8	17.4	20.4	54	0	153
MINYA																							154
ASYÛT	00		30	1	0	0	—	15.6	25.1	34	0	00	6	32	1	0	0	—	16.3	18.2	69	0	155
NAG' HAMÂDI	00	8	30	1	0	0	—	16.6	26.6	44	0	00	8	00	0	0	0	—	15.1	18.3	76	0	164
QENA	00	9	24	2	0	0	—	18.8	25.0	48	0	00	6	24	2	0	0	—	14.3	20.0	49	0	156
LUXOR	00	9	28	2	0	0	—	13.6	29.0	37	0	00	8	26	2	0	0	—	14.0	19.8	47	0	157
ASWÂN	00	9	30	1	0	0	—	13.8	30.3	35	0	00	9	00	0	0	0	—	13.8	21.6	39	0	158
WESTERN DESERT																							
SÎWA	00	8	00	0	0	0	—	21.0	24.7	49	0	00		00	0	0	0	—	19.6	17.6	54	0	148
BAHARÎYA	01	8	04	1	1	4	4	17.5	24.0	42	0	00	7	02	2	0	2	5	17.8	19.0	58	0	149
KHÂRGA	00	9	00	0	0	0	—		27.5	36	0	00	9	00	0	0	0	—		17.6	58	0	151
DAKHLA	01	8	32	1	1	4	1	15.6	24.7	56	0	01	8	00	0	1	3	1	17.0	21.2	65	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	14.3	25.2	61	0	00	7	28	2	0	0	—	15.6	21.2	62	0	145
HURGHÂDA	00	9	02	2	0	0	—		25	74	0	00	8	30	4	0	0	—		23	57	0	146
QUSEIR	00	8	32	4	0	0	—	14.7	26.2	60	0	00	8	32	3	0	0	—	14.6	23.2	73	0	147
PORT SÛDÂN	28	9	26	3	9	5	6,5	11	27	84													208
NORTH SÛDÂN																							
WÂDI ḤALFA	00	8	02	2	0	0	—	12	29	19													165
KAREIMA	00	9	04	2	0	0	—	9	33	26													166
'ATBARA	00	8	28	2	0	0	—	7	34	29													167
KHARTÛM	00	8	02	3	0	0	—	6	35	18													209
KASSALA	00	8	28	1	0	2	8	4	38	18													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	32	3	0	2	4	5	37	20													171
RENK																							182
ROSEIRES	00	8	28	1	0	0	—	6	38	25													172
EL OBEID	00	8	02	2	0	1	1	6	34	30													174
EL FÂSHER	00	8	04	3	0	1	8	—	32	18									—				175
GENEINA	00	8	02	2	0	0	—	—	34	09									—				179
KADUGLI	01	8	04	2	1	3	1	7	36	29													187
S. SÛDÂN																							
MALAKÂL	00	8	02	3	0	2	8,1	6	36	22													176
WÂU	01	8	04	2	1	4	8,4	5	35	30													177
JUBA	02	8	30	2	1	8	8,7	4	36	73													173

UPPER WINDS ON 16th (الرياح العليا يوم ١٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
							12h. 15m.	12h. 45m.		12h.	12h.		
							03 01 15	03 36 10		06 56 05	06 03 20		
							06 03 15	06 36 10		09 36 05	09 03 20		
							09 03 20	09 01 15		15 35 05	15 05 15		
							15 29 05	15 02 10		21 04 05	21 35 10		
							21 07 10	21 03 05					

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	17-11	1504	2865
	16-11	1504	2954

STATION	Mean of day: Humidity % on 16th	Humidity Diff. from normal	Wet Bulb Temp °C on 16th	Wet Bulb Temp Diff. from normal
Alexandria	66	0	17.7	+0.6
Ezbekîya	74	+6	16.3	+0.4
Gîza	73	+2	16.5	+0.8
Ḥelwân	69	+12	16.5	+1.7

GÎZA — GRASS MINIMUM TEMP. ON 17th 10.5 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		13.60	-0.06	13.60	-0.06
Nâsser		10.80	+0.06	10.90	+0.46
Malakâl		13.05	+0.14	13.05	+0.14
J. Aulia Res.		377.10	—	377.01	—
J. Aulia D.S		372.36	-0.32	372.37	-0.33
Roseires		14.47	+0.50	14.40	+0.38
Sennar Res.		19.52	—	19.42	—
Khartûm		11.88	-0.35	11.92	-0.35
Kh. el Girba					
'Atbara		11.39	-0.14	11.39	-0.16
Kajnarti		135.21	-0.77	135.34	-0.76
Aswân Res.		120.00	—	119.86	—
Aswân D.S		86.12	-0.70	86.13	-0.81
Roda (Cairo)		16.58	-0.57	16.58	-0.53

Printed by the Survey of Egypt, 1945 (45/306)

Station	At 8h. on Monday 17th (الساعة ٨ يوم الاثنين ١٧) Present Weather ww	Visibility v	Wind Dir. DD	Wind Force f	Past Weather w	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. ppp	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs. mms	Total From Oct. 1 mms.	Norm. From Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				11
MATRÛH	01	9	00	0	0	5	8	18.6	+0.9	17.8	23	0	14	-1	58	0	rain	28
MARIUT	01	7	02	1	1	5	8,4	18		21	24	—	15	—	85	0	12	26
ALEXANDRIA	01	9	04	1	2	4	1	18.2	+0.1	20.0	25	0	18	+1	64	0	42	23
DAMIETTA	01	8	32	3	1	5	6	17.2	+0.4	20.0	23	—	16	—	72	0	10	14
PORT SA'ÎD	01	7	05	4	0	3	9	17		22	24		20		69	0	4	18
EL 'ARÎSH	02	9	06	2	2	5	8	16.2	-0.9	19.4	25	0	16	+3	88	0	dr	11
LOWER EGYPT																		
DAMANHÛR	01	6	32	3	1	3	8	18.2	+0.2	18.0	24	-2	15	+1	80	0	7	10
MANSÛRA	01	8	02	1	1	4	8	17.4	+0.2	17.5	27	+1	15	+1	75	0	8	6
TANTA	01	8	04	1	1	4	8	17.8	-0.2	17.0	26	0	12	0	85	0	dr	5
ZAGAZIG	01	6	34	2	1	4	8	16.7	-1.0	17.8	26	0	14	+2	86	0	1	4
SHEBÎN EL KÔM	00	8	04	2	0	2	8	17.6	-0.2	17.4	27	—	14	—	79	0	dr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	04	1	0	3	9	16.8	-0.8	18.2	25	—	15	—	90	0	tr	—
CAIRO EZBEKÎYA	02	4	00	0	4	3	1	17.0	-0.6	15.8	26	0	14	0	90	0	dr	3
CAIRO GÎZA	08	4	00	0	4	3	1	17.1	-0.5	16.0	26	+1	13	+1	89	0	dr	4
ḤELWÂN	09	5	02	3	1	5	1	17.0	-1.0	18.4	25	0	15	+1	75	0	dr	2
SUEZ	01	9	30	1	1	5	3			19.4	25	-1	15	0	74	0	dr	4
UPPER EGYPT																		
FAIYÛM	02	8	32	3	2	5	6	16.3	-1.3	18.2	26	-1	15	+2	78	0	2	0
MINYA																0	0	—
ASYÛT																0	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	15.4	-1.0	17.0		—		—	72	0	0	—
QENA	01	7	28	2	1	3	1	14.7	-1.7	17.2	26	-4	12	-1	67	0	0	—
LUXOR	01	9	06	2	1	3	2	15.1	-0.9	18.5	30	-4	10	-3	50	0	0	—
ASWÂN	00	9	32	1	0	0	—	14.7	-1.3	19.0	31	+1	15	-1	54	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	19.8	+0.9	16.0	25	-1	11	+1	65	0	0	0
BAHARÎYA	01	8	32	2	1	4	4	17.9	-0.5	15.4	25	-1	13	+2	87	0	0	1
KHÂRGA	00	9	00	0	0	0	—			16.1	27	-2	10	-3	68	0	0	—
DAKHLA	01	8	00	0	1	3	1	16.2	-1.7	16.7	25	-3	11	-1	80	0	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—	15.1	-0.6	16.9	26	0	12	-2	63	0	0	2
HURGHÂDA	00	9	29	2	0	1	1	15		20	25		14		60	0	0	1
QUSEIR	00	8	30	3	0	0	—	14.4	-1.2	23.0	27	0	20	0	56	0	0	2
PORT SÛDÂN	01	8	32	2	1	3	8,4	13		27			23		84	6	18	37
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	1	2	14		16			11		42	0	0	—
KAREIMA	00	9	07	2	0	1	1	12		24			19		30	0	0	1
'ATBARA	00	7	32	2	0	0	—	10		25			21		48	0	4	2
KHARTÛM	00	8	32	3	0	0	—	10		26			16		37	0	4	4
KASSALA	00	8	00	0	0	0	—	9		26			21		58	0	4	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	2	0	0	—	10		26					34	0	7	12
RENK	00	9	32	2	0	0	—	9		28		—		—	25	—	—	47
ROSEIRES	00	8	30	1	0	0	—	9		22					69	0	33	34
EL OBEID	00	8	30	4	0	0	—	11		24			19		28	0	1	16
EL FÂSHER	00	8	32	1	0	3	2	—	—	18			13		30	0	0	6
GENEINA	00	8	02	3	0	0	—	—	—	32		—	14	—	11	0	—	4
KADUGLI	00	8	12	1	0	0	—	11		25		—		—	36	—	—	86
S. SÛDÂN																		
MALAKÂL	00	8	30	1	0	0	—	10		26			18		70	0	52	84
WÂU	02	8	32	1	1	6	4,5	9		23			20		74	0	48	139
JUBA																0	25	116

UPPER WINDS ON 17th (الرياح العليا يوم ١٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 7h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ḤELWÂN 8h. 30m.	MINYA h. m.	ASYÛT h. m.	ALMÂZA 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 7h. 15m.	ABU HAMAD 6h. 45m.	KAREIMA 7h. m.	KHARTÛM 6h. 45m.
03 10 15			03 04 30			03 08 35	02 03 05	03 04 20	06 05 30	03 05 30	06 01 35
06 08 15			05 04 45			06 08 40	05 09 20	06 06 30	09 08 40	06 07 40	09 04 50
09 07 20			07 04 40			09 07 40	10 09 15	09 06 30	15 08 20	09 05 30	15 05 15
12 01 30						12 06 40	15 13 05	15 17 10	21 17 10	15 03 05	21 06 02
15 01 35						18 32 05	20 06 10	21 10 20	24 18 10	21 07 05	30 03 05
18 33 05						24 27 15	25 08 05	24 09 15	30 06 05	24 04 05	39 02 20
21 30 15						30 23 05		30 09 20	33 07 05	30 11 05	45 02 30
						36 25 30		33 08 10	39 02 10	33 18 05	
						42 33 45		39 10 10	45 03 10	45 10 10	

KASSALA 6h. 45m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. 15m.	EL FÂSHER 7h. m.	GENEINA 7h. 15m.	MALAKAL 7h. m.
06 09 05	03 02 15	06 01 30	09 01 15		09 32 05
09 07 15	06 04 15	09 03 45	15 04 20	15 09 30	15 01 10
15 03 20	09 06 20	15 04 30	21 05 15	21 06 30	21 03 20
21 35 10	15 15 15	21 21 05	24 04 10	24 02 20	24 03 25
24 31 10	21 11 15	24 27 05	30 03 10		30 05 05
30 23 10	30 13 20	30 26 10	33 03 10		33 06 25
33 21 20	33 13 30	33 34 05			39 06 60
39 20 30					
45 20 05					
60 28 15					

CYPRUS SYNOPTIC 8h. ON 17th

34820 00951 20201 19131 25401 00120

UPPER AIR TEMP. ALMÂZA — AT G.M.T. ON

HEIGHT FEET	P.P.P. m.b.	T.T. °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

ANNUAL SUBSCRIPTION P.T. 150

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 06 22 h. m.
Sunset 16 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month NOVEMBER 1947 — شهر نوفمبر ١٩٤٧

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	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 p. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	00	0	0	4	8	16.4	21.3	68	0	131
MARIUT	02	7	30	2	2	6	8,4	16	23	61	0	150
ALEXANDRIA	02	9	28	3	2	5	4	15.9	22.4	52	0	132
DAMIETTA	01	8	30	3	1	5	6	14.7	22.0	67	0	159
PORT SA'ÎD												134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	02	7	28	3	2	5	8	15.6	21.4	56	0	136
MANSÛRA	02	7	04	1	2	5	6	14.7	24.0	59	0	137
TANTA	02	8	04	1	1	5	8	15.6	23.0	64	0	138
ZAGAZIG	02	6	32	3	2	5	8	15.2	24.2	56	0	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	15.1	24.2	60	0	—
MIDDLE EGYPT												
CAIRO (ALMÁZA	02	8	02	3	2	6	8,4	13.5	24.0	61	0	141
EZBEKÎYA	02	8	30	3	1	5	4	14.2	24.3	57	0	—
GÎZA	02	8	30	3	1	5	4	14.0	23.7	51	0	—
HELWÂN	03	8	32	4	2	7	8	13.5	23.8	47	0	143
SUEZ	02	9	32	1	2	7	5	—	25.3	50	0	144
UPPER EGYPT												
FAIYÛM	02	8	32	3	2	6	6	13.5	24.8	47	0	153
MINYA												154
ASYÛT												155
NAG' HAMÂDI	00	8	00	0	0	0	—	12.2	26.8	43	0	164
QENA	01	9	24	2	1	3	1	11.4	25.3	46	0	156
LUXOR	01	9	22	2	1	4	2	11.5	28.0	39	0	157
ASWÂN	02	9	30	1	1	5	1	9.8	31.0	25	0	158
WESTERN DESERT												
SÎWA												148
BAHARÎYA	01	8	32	1	1	4	4	14.6	24.0	46	0	149
KHÂRGA	00	9	06	1	0	0	—	—	26.8	34	0	151
DAKHLA												152
RED SEA												
TÔR	00	7	28	1	0	0	—	12.4	25.5	58	0	145
HURGHÂDA	01	9	02	1	0	5	4,5	12	25	65	0	146
QUSEIR												147
PORT SÛDÂN	02	8	04	2	2	8	8	9	31	59		209
NORTH SÛDÂN												
WÂDI HALFA	01	8	02	2	1	4	1	9	31	17	—	165
KAREIMA	00	9	12	2	0	3	1	6	34	25		168
'ATBARA	00	7	00	0	0	2	8	7	34	27		167
KHARTÛM	00	8	32	2	0	0	—	5	36	17		209
KASSALA	01	8	02	2	1	4	8	4	37	16		170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	28	3	0	0	—	4	37	17		171
RENK	00	9	32	3	0	0	—	2	39	20		182
ROSEIRES	00	8	20	2	0	0	—		38	29		172
EL OBEID	00	8	32	3	0	2	1	4	34	16		174
EL FÂSHER	00	8	00	0	0	0	—	—	32	14	—	175
GENEINA	00	8	04	4	0	0	—	—	34	10	—	179
KADUGLI	00	8	12	2	0	0	—	6	35	22		182
S. SÛDÂN												
MALAKÂL	00	8	08	3	0	2	8	3	36	24		176
WÂU	00	8	08	3	1	3	8	3	36	25		[illegible]
JUBA	02	8	02	2	1	8	8	2	37	25		[illegible]

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	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 p. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	00	0	0	0	—	15.8	20.9	70	0
MARIUT	01	8	31	1	1	3	6	15	19	68	0
ALEXANDRIA	01	6	28	2	2	4	4	15.4	19.0	63	0
DAMIETTA	01	7	30	3	1	4	6	13.9	20.0	77	0
PORT SA'ÎD	02	7	02	3	2	5	6,4	14	21	83	0
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	01	7	28	3	1	5	8	15.0	16.6	70	0
MANSÛRA	00	6	28	2	1	0	—	14.2	18.6	79	0
TANTA	01	8	00	0	1	4	8	15.0	17.1	81	0
ZAGAZIG	00	6	32	2	0	0	—	13.9	18.4	84	0
SHEBÎN EL KÔM	01	7	02	1	1	3	6		17.2	85	0
MIDDLE EGYPT											
CAIRO (ALMÁZA	00	7	02	2	1	3	6	13.4	19.6	83	0
EZBEKÎYA	01	6	02	3	1	3	8	13.6	18.9	80	0
GÎZA	01	6	02	3	1	3	8	13.6	18.6	81	0
HELWÂN	00	7	02	5	0	2	1	13.0	20.0	69	0
SUEZ	01	9	30	1	1	4	4		21.0	72	0
UPPER EGYPT											
FAIYÛM	02	8	32	2	2	6	6	12.8	19.4	69	0
MINYA											
ASYÛT	00	6	22	1	0	0	—	12.3	17.7	74	0
NAG' HAMÂDI	00	8	32	1	0	0	—	11.6	19.0	70	0
QENA	01	6	24	2	1	3	1	10.8	19.6	60	0
LUXOR	00	8	18	2	0	0	—	13.0	18.8	49	0
ASWÂN	00	9	00	0	0	0	—	10.4	22.0	31	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	17.0	17.3	68	0
BAHARÎYA	00	7	32	2	0	0	—	15.0	18.0	57	0
KHÂRGA	02	9	00	0	1	5	8		20.4	44	0
DAKHLA	00	8	00	0	0	0	—	15.2	19.9	65	0
RED SEA											
TÔR											
HURGHÂDA											
QUSEIR	00	8	02	2	1	3	2	11.9	23.0	76	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 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	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm °C	MINIMUM Today °C mm	MINIMUM Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct 1 mms	Norm from Oct 1 mms
MEDITERRANEAN																		
SALÛM											—		—					
MATRÛH	00	9						14.8	-2.9	17.0	22	-1	13	-2	55	0	Rain	29
MARIUT	00	7	29	1	0	2	8	13		20	34	—	17	—	60	0	12	21
ALEXANDRIA	02	9	04	2	2	5	8	13.2	-4.9	20.2	26	+1	18	+2	57	0	42	24
DAMIETTA	01	8	20	3	2	5	4	12.3	-4.5	18.0	23	—	15	—	79	0	10	15
PORT SA'ÎD	02	7	25	3	2	6	8,4	12		20	24		19		73	0	4	10
EL 'ARÎSH																	dr.	11
LOWER EGYPT																		
DAMANHÛR	00	6	28	3	0	0	—	13.8	-4.3	15.0	24	-2	13	-1	78	0	7	11
MANSÛRA	01	8	28	1	1	3	6	13.1	-4.2	18.2	26	0	16	+2	69	0	8	6
TANTA	00	8	00	0	0	0	—	14.3	-3.8	15.0	25	-1	11	-1	87	0	dr.	6
ZAGAZIG	02	6	22	2	2	4	8	14.0	-3.7	16.8	26	0	13	+1	83	0	1	4
SHEBÎN EL KÔM	01	7	28	1	1	5	8	13.9	-3.9	14.8	25	—	13	—	85	0	dr.	—
MIDDLE EGYPT																		
CAIRO (ALMÁZA	01	7	00	0	0	5	6	13.5	-4.1	18.1	25	—	15	—	73	0	tr.	—
EZBEKÎYA	01	6	00	0	1	3	8	13.9	-3.7	17.0	25	-1	15	+1	78	0	dr.	3
GÎZA	01	6	00	0	1	3	8	14.4	-3.3	19.0	24	-1	13	+1	75	0	dr.	4
HELWÂN	09	5	00	0	1	4	4	14.2	-3.9	15.9	25	0	14	0	83	0	dr.	2
SUEZ	01	9	30	1	1	5	4			19.4	26	0	16	+1	70	0	dr.	4
UPPER EGYPT																		
FAIYÛM	01	8	30	2	1	3	6	14.0	-3.6	18.2	25	-2	14	+1	69	0	2	0
MINYA																	0	—
ASYÛT																	0	1
NAG' HAMÂDI	01	8	00	0	2	5	4	13.1	-3.4	17.6		—		—	78	0	0	—
QENA	01	7	24	2	1	4	3	11.9	-4.6	18.0	27	-3	15	+2	71	0	0	—
LUXOR	02	9	14	2	2	5	3	12.2	-3.9	19.2	29	-1	13	+1	61	0	0	—
ASWÂN	02	9	32	1	1	5	1	11.4	-4.7	21.0	32	+2	17	+1	49	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	16.6	-2.4	15.0	27	+1	10	+1	72	0	0	0
BAHARÎYA	00	8	32	2	0	0	—	15.2	-3.3	15.2	24	-2	9	-2	76	0	0	1
KHÂRGA	02	9	02	1	2	5	8			17.8	27	-2	14	+2	76	0	0	—
DAKHLA	00	8	28	1	0	0	—	15.1	-2.9	18.0	25	-3	14	+2	76	0	0	—
RED SEA																		
TÔR	01	7	04	1	0	5	8	11.8	-4.0	20.8	23	-3	16	+2	63	0	0	2
HURGHÂDA	02	9	26	3	0	7	8,5	12		21	26		17		69	0	0	1
QUSEIR	02	8	28	2	2	7	5	11.2	-4.5	22.3	27	0	20	+1	73	0	0	2
PORT SÛDÂN	01	8	28	2	1	4	8	10		28			24		79	0	18	38
NORTH SÛDÂN																		
WÂDI HA'LFA	02	8	02	1	1	7	2	12		17			14		60	0	0	—
KAREIMA																0	0	1
'ATBARA	02	7	32	1	0	6	1	8		25			21		49	0	dr.	2
KHARTÛM	00	8	32	3	0	2	1	8		27			22		28	0	dr.	4
KASSALA																0	dr.	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	3	0	2	3	8		26					32	0	7	12
RENK																—	—	47
ROSEIRES	00	8	28	1	0	0	—	8		22					74	0	33	34
EL OBEID	00	8	30	4	0	1	4	8		24					17	0	1	16
EL FÂSHER	00	8	00	0	0	2	1	—	—	18			13		26	0	0	6
GENEINA								—	—							0	—	4
KADUGLI	00	8	28	2	0	0	—	10		26					62	—	—	86
S. SÛDÂN																		
MALAKÂL	02	8	02	1	1	6	4	8		26					62	0	53	84
WÂU	02	8	32	1	1	5	4,5	8		23			19		65	0	48	139
JUBA	02	8	30	1	1	8	4	7		27			24		55	0	25	117

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÁZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	18 h. 15 m.	h. m.	13 h. m.	12 h. 45 m.	13 h. m.	13 h. m.	h. m.
							06 34 25		06 32 10	06 03 15	03 02 30	06 07 30	
							09 06 05		15 33 15	09 03 20	09 03 30	09 06 35	
							15 01 10		21 32 15	15 04 20	15 05 15	15 05 40	
							21 11 20		24 32 20	21 04 25	21 15 10	21 05 20	
										24 02 20	24 31 15	24 06 25	
												30 06 20	
												33 07 20	
												39 08 45	

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	Bahariya	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	h. m.	8 h. 45 m.	7 h. m.	h. m.	7 h. 30 m.	7 h. m.	7 h. 15 m.	7 h. m.	h. m.	7 h. m.
03 26 20			02 33 15	03 35 05		03 34 05	02 34 15	03 02 20	06 03 15		06 35 45
06 26 20			05 33 20	06 35 15		06 02 25	05 30 10	06 36 30	09 04 15		09 35 40
09 28 20			08 34 15	09 34 30		09 33 05	10 13 15	09 01 30	15 04 05		15 36 30
12 28 20			10 34 15	12 34 35		12 20 10	15 16 10	15 31 05	21 16 05		21 36 15
15 28 20			15 32 15	15 33 35		15 17 10	20 25 10	21 23 20	30 16 20		30 21 15
18 28 25			20 23 25	18 31 35			25 23 10	30 22 20	33 16 30		33 25 15
21 29 20			30 23 40	21 33 35				33 23 30			39 25 20
24 31 25			40 21 45	24 26 30				39 03 20			45 24 25
27 29 25			50 21 55	27 23 35				45 21 35			60 24 35

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
03 09 15	06 01 35				06 04 05
06 02 25	09 02 40	09 35 15			09 03 30
09 13 30	15 14 20	15 04 20			15 03 40
	21 27 15	21 05 05			21 05 20
	30 27 15	30 29 20			30 09 15
	33 26 15	33 29 20			33 08 15
	39 21 40	39 28 25			39 08 15
	45 24 55	45 28 40			45 10 10
	60 27 25				

UPPER AIR TEMP — ALMÁZA

AT GMT ON HEIGHT FEET	PPP m.b.	TT °C	TT °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 18th

34807 02997 12307 10161 22705 00120
34770 02915 20215 09171 20602 00140

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day HUMIDITY % on 17th	Diff from normal	WET BULB TEMP °C on 17th	Diff from normal	Previous day Reading	Diff. from normal
Alexandria	60	-6	15.9	-1.1		
Ezbekîya	78	+10	18.8	+3.1		
Gîza	78	+7	16.3	+0.7		
Helwân	67	+10	16.5	+1.8		

GÎZA — GRASS MINIMUM TEMP ON 18th 10.0 °C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON ... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	18-11-47	13.59	-0.06	13.60	-0.06
Nasser		10.87	+0.47	10.88	+0.46
Malakâl		12.45	+0.14	12.45	+0.14
J. Aulia Res.		377.13	—	377.14	—
J. Aulia D.S.		372.34	-0.32	372.36	-0.32
Roseires		14.31	+0.39	14.47	+0.50
Sennar Res.		19.61	—	19.52	—
Khartûm		11.93	-0.38	11.88	-0.35
Kh. el Girba					
Atbara		11.38	-0.13	11.39	-0.14
Kajnarti		135.20	-0.76	135.27	-0.77
Aswân Res.		120.13	—	120.00	—
Aswân D.S.		86.11	-0.58	86.12	-0.70
Roda (Cairo)		16.58	-0.41	16.58	-0.47

Discharges at Aswân measured by sluices m³ per sec	DATE	1947	1946
	18-11	1504	2780
	17-11	1504	2865

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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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Med. Fog in last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain in Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
... of Snow	83, 84
... of Sleet	85, 86
... of Hail	88, 89
Thunderstorm	90-99
... sound, now Rain	91
... Hail	94-96
with Duststorm	98
... heavy, with Hail	99

PAST WEATHER (W)

Clear, slight haze	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ...	1
500 ...	2
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	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 6 h. 22 m.
Sunset 16 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Tuesday 18th (الساعة ١٤ يوم 11/18) and At 20h. on 18th (الساعة ٢٠ يوم الثلاثاء ١٨)

	STATION	Present Weather ww (14h)	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 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	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	28	2	0	0	—	13.2	22.6	52	0	00	8	00	0	0	0	—	14.2	17.7	49	0	131
	MARIUT	01	8	27	2	2	3	9	13	22	53	0	00	7	27	1	0	0	—	14	18	60	0	150
	ALEXANDRIA	01	9	24	2	5	4	8	10.1	21.0	60	dr	00	6	28	2	0	0	—	14.8	19.6	50	0	132
	DAMIETTA	00	8	28	3	1	3	8	11.6	21.0	59	0	01	7	16	1	1	4	6	13.8	16.2	77	0	159
	PORT SAʿÎD A.P.	00	8	28	4	1	2	8	12	22	53	0	00	7	27	3	0	0	—	14	19	56	0	134
	EL ʿARÎSH																							135
LOWER EGYPT	DAMANHÛR	01	7	28	5	1	4	8	13.6	20.0	67	0	01	6	28	3	1	3	8	14.0	15.8	78	0	136
	MANSÛRA	01	8	12	1	1	4	8	12.7	22.2	39	0	00	6	28	1	1	0	—	14.4	16.6	71	0	137
	TANTA	01	8	28	2	1	4	8	13.4	23.4	43	0	01	8	20	1	1	4	8	15.0	13.7	89	0	138
	ZAGAZIG	01	6	04	3	1	4	8	12.6	22.6	52	0	00	6	32	2	0	0	—	14.0	17.4	79	0	139
	SHEBÎN EL KÔM	01	8	28	3	1	4	8	13.4	25.0	45	0	00	7	28	2	1	0	—	13.9	16.7	75	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	30	3	1	4	9	12.5	22.5	54	0	00	7	32	1	0	0	—	14.5	18.4	83	0	141
	CAIRO EZBEKÎYA	01	8	30	2	1	3	8	13.2	22.8	48	0	00	8	00	0	0	0	—	15.0	17.2	75	0	—
	CAIRO GÎZA	01	8	30	2	1	3	8	13.6	22.9	47	0	00	8	00	0	0	0	—	15.2	15.9	79	0	—
	HELWÂN	01	9	28	4	1	4	8	13.1	21.8	39	0	00	7	32	2	0	0	—	15.0	17.8	57	0	143
	SUEZ	02	9	32	2	2	5	4		22.8	53	0	00	9	30	1	0	0	—		18.6	52	0	144
UPPER EGYPT	FAIYÛM	01	8	32	3	1	4	8	13.0	23.0	39	0	00	8	32	1	0	0	—	14.3	16.9	68	0	153
	MINYA																							154
	ASYÛT	00	8	30	1	1	0	—	12.8	24.0	39	0												155
	NAG HAMÂDI	,	8	24	1	0	0	—	11.5	24.6	56	0	00	8	00	0	0	0	—	12.2	18.4	67	0	164
	QENA	01	8	24	3	1	4	3	11.0	24.8	49	0	01	6	24	3	1	4	3	12.2	18.8	67	0	156
	LUXOR	02	9	30	2	2	6	3	10.2	27.0	42	0	00	8	16	2	0	0	—	11.0	20.2	62	0	157
	ASWÂN	02	9	32	2	1	5	1	8.7	28.8	27	0	02	9	32	3	1	5	4	8.8	25.0	34	0	158
WESTERN DESERT	SÎWA	00	8	28	3	0	0	—	16.4	25.0	28	0	00		00	0	0	0	—	18.6	12.4	72	0	148
	BAHARÎYA	01	8	28	2	1	4	8	14.4	22.3	35	0	00	7	28	1	0	0	—	16.2	14.8	51	0	149
	KHÂRGA	00	9	30	1	0	0	—		24.0	44	0	00	9	30	1	0	0	—		19.9	38	0	151
	DAKHLA	00	9	28	2	0	0	—	13.2	24.4	57	0	00	8	28	1	0	0	—	13.9	19.1	63	0	152
RED SEA	TÔR	00	7	28	3	0	0	—	10.6	25.2	64	0	00	7	00	0	0	0	—	12.2	22.3	52	0	145
	HURGHÂDA A.P.	00	9	02	3	2	3	5	11	24	74	0	00	9	30	5	0	0	—	12	23	65	0	146
	QUSEIR	02	8	02	2	2	7	6	10.3	25.0	73	0	01	8	02	2	2	4	4	10.7	23.4	75	0	147
	PORT SÛDÂN																							208
NORTH SÛDÂN	WÂDI HALFA																							165
	KAREIMA																							166
	ʿATBARA																							167
	KHARTÛM																							209
	KASSALA																							170
CENTRAL SÛDÂN	WAD MEDANI																							171
	RENK																							182
	ROSEIRES																							172
	EL OBEID																							174
	EL FÂSHER								—											—				175
	GENEINA								—											—				179
	KADUGLI																							187
S. SÛDÂN	MALAKÂL																							176
	WÂU																							177
	JUBA																							1?3

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	Maximum Yesterday °C	Max. Diff. from norm °C	Minimum 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												—		—				12
	MATRÛH	00	9	22	2	0	3	8	15.0	-2.7	16.2	23	0	13	-2	38	0	Rain	30
	MARIUT	00	7	20	3	0	0	—	14		17	23	—	12	—	56	0	12	22
	ALEXANDRIA	00	9	20	3	0	0	—	15.2	-3.0	17.6	23	-1	14	-2	41	dr	42	26
	DAMIETTA	00	7	18	3	1	0	—	14.8	-2.1	14.8	22	—	10	—	78	0	10	15
	PORT SAʿÎD	00	7	22	2	0	0	—	16		18	23		16		72	0	4	11
	EL ʿARÎSH																	dr	12
LOWER EGYPT	DAMANHÛR	00	7	24	4	0	0	—	16.2	-1.9	14.2	23	-2	11	-2	76	0	7	11
	MANSÛRA	00	8	24	1	0	0	—	15.9	-1.4	15.0	25	-1	10	-4	76	0	8	6
	TANTA	00	8	20	1	0	0	—	16.4	-1.7	13.0	24	-2	9	-3	81	0	dr	6
	ZAGAZIG	00	6	24	2	0	0	—	16.6	-1.4	12.4	26	0	11	-1	89	0	1	4
	SHEBÎN EL KÔM	00	7	14	1	0	0	—	16.3	-1.6	12.2	26	—	11	—	82	0	dr	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	16	2	0	0	—	16.2	-1.5	16.4	23	—	12	—	68	0	tr	—
	CAIRO EZBEKÎYA	05	5	00	0	0	0	—	16.4	-1.3	14.5	24	-2	13	-1	75	0	dr	3
	CAIRO GÎZA	05	5	00	0	0	0	—	16.8	-0.9	16.3	23	-2	9	-3	69	0	dr	4
	HELWÂN	05	6	00	0	0	0	—	16.8	-1.3	15.2	22	-3	11	-3	68	0	dr	3
	SUEZ	00	9	00	0	0	0	—			16.4	26	0	10	-5	69	0	dr	4
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	16.7	-1.0	15.8	23	-4	10	-2	62	0	2	0
	MINYA																	0	—
	ASYÛT																	0	1
	NAG HAMÂDI	00	8	00	0	0	0	—	15.8	-0.8	17.8		—		—	61	0	0	—
	QENA	01	7	20	2	1	3	1	14.4	-2.2	16.0	25	-5	14	+1	69	0	0	—
	LUXOR	01	9	32	1	1	3	1	15.2	-1.0	20.0	29	-1	11	-1	55	0	0	—
	ASWÂN	02	9	32	5	1	5	1	14.4	-1.8	19.1	30	0	16	0	55	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	17.6	-1.4	11.3	25	-1	5	-4	60	0	0	0
	BAHARÎYA	00	8	00	0	0	0	—	17.2	-1.3	13.9	23	-3	6	-5	56	0	0	1
	KHÂRGA	00	9	02	1	0	0	—			17.8	26	-2	13	+1	53	0	0	—
	DÂKHLA	00	8	00	0	0	0	—	17.6	-0.5	16.0	24	-4	9	-3	69	0	0	—
RED SEA	TÔR	00	7	04	1	0	0	—	14.3	-1.6	20.2			15	+1	55	0	0	2
	HURGHÂDA	00	9	27	3	0	1	1	14		20	25		16		66	0	0	1
	QUSEIR	02	8	30	5	1	5	5	12.3	-3.0	21.4	26	-1	20	+1	62	0	0	2
	PORT SÛDÂN	01	8	28	2	1	5	8	9		30			24		66	0	12	40
NORTH SÛDÂN	WÂDI HALFA	02	8	32	3	1	0		18		12			17		37	0	0	—
	KAREIMA	01	9	04	3	1	4	2	12		22			18		36	0	0	1
	ʿATBARA	01	7	32	3	0	4	1	9		26			23		27	0	dr	2
	KHARTÛM	00	8	32	3	0	1	4	10		24			22		28	0	dr	4
	KASSALA	00	8	32	1	1	1	4	7		28			23		58	0	dr	8
CENTRAL SÛDÂN	WAD MEDANI	00	8	32	4	0	3	3			26					62	0	7	12
	RENK	01	8	32	2	1	5	2			23		—		—	84	—	—	47
	ROSEIRES	00	8	30	1	0	0	—	8		26					40	0	33	34
	EL OBEID	00	8	30	3	0	1	2	11		22			19		25	0	1	16
	EL FÂSHER	00	9	32	1	0	0	—	—	—	18			12		37	0	0	6
	GENEINA	00	8	32	3	0	0	—			20	—		13	—	21	—	—	4
	KADUGLI	01	8	04	3	1	3	1	10		26					34	—	—	86
S. SÛDÂN	MALAKÂL	01	8	04	4	1	3	4	7		29			23		23	0	53	84
	WÂU	02	8	00	0	1	7	4.5	9		25			23		70	0	48	140
	JUBA																0	25	118

UPPER WINDS ON 18th (الرياح العليا يوم ١٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAʿÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.

UPPER WINDS ON 19th (الرياح العليا يوم ١٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAʿÎD h. m.	HELWÂN 8h. 30m.	MINYA h. m.	ASYÛT 7h.	LUXOR h. m.	ASWÂN 7h.	WÂDI HALFA 7h.	ABU HAMAD 7h.	KAREIMA 7h.	KHARTÛM h. m.
			02 32 05		03 27 05		02 36 25	03 36 20	06 35 40	03 02 30	
			05 29 10		06 28 15		05 02 25	06 36 45	09 01 30	06 02 25	
			08 31 20		09 31 20		10 36 10	09 36 50	15 23 20	09 35 30	
			10 32 20		15 34 30		15 20 10	15 31 20	21 24 05	15 23 10	
			15 34 15		21 34 15		20 22 15	21 30 05	30 22 30	21 23 20	
			20 35 20		27 33 25		25 24 30	30 29 45	36 21 30	30 26 30	
			23 34 20		30 33 30			39 24 35		39 25 40	
					36 31 30			45 25 45			
					42 31 30			60 25 40			

KASSALA 6h. 45m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL 7h. m.
03 01 10		06 35 35			06 04 40
09 03 05		09 01 55			09 03 50
15 03 10		12 02 30			15 05 25
21 02 20		15 35 35			21 14 30
30 04 20					30 06 15
39 05 20					
45 05 15					
60 27 30					
75 27 20					
90 30 25					

UPPER AIR TEMP — ALMAZA

AT G M T ON

HEIGHT FEET	P.P.P. mb	T.T. °F	t.t. °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 19th

24760 02976 04367 13161 40107 05131
24837 22963 06167 14130 54404 95121

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	50	-16	15.3	-1.5
Ezbekiya	70	+2	15.3	-0.3
Giza	70	-1	15.4	0.0
Helwân	65	+8	13.9	-0.7

GÎZA — GRASS MINIMUM TEMP. ON 19th 5.0 °C

CAIRO — WATER TEMP RIVER NILE AT 8h ON °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
19-11	1504	2674
18-11	1504	2780

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19-11			13.59	-0.06
Nâsser				10.87	+0.47
Malakâl		12.45	+0.14	12.45	+0.14
J. Aulia Res				377.13	—
J. Aulia D.S				372.34	-0.32
Roseires		14.26	+0.38	14.31	+0.39
Sennar Res.		19.69	—	19.61	—
Khartûm				11.83	-0.38
Kh. el Girba					
ʿAtbara				11.38	-0.13
Kajnarti				135.20	-0.76
Aswân Res.		120.24	—	120.13	—
Aswân D.S		86.12	-0.46	86.11	-0.58
Roda (Cairo)		16.58	-0.36	16.58	-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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 06 h 25
Sunset 16 h 37

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Wednesday 19th (الساعة ١٤ يوم الأربعاء ١٩ — 11/19) and at 20h. on 19th (الساعة ٢٠ يوم الأربعاء ١٩)

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	Rain 8-14h mms	20h Present Weather ww	20h Visibility V	20h Wind Dir. DD	20h Wind Force F	20h Past Weather W	20h Cloud Amount N	20h Cloud Form C	20h Bar Press M.S.L. 1000+ mbs. PPP	20h Temp. °C TTT	20h % Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	28	2	0	4	8	14.0	21.4	83	0	01	8	24	1	5	3	1	15.9	17.6	75	tr	131
MARIUT	00	7	24	3	0	2	1	14	24	50	0	00	8	00	0	0	1	6,4	15	17	77	0	150
ALEXANDRIA	02	9	20	3	1	6	4	15.1	22.9	55	0	00	6	24	2	0	0	—	15.2	20.0	72	0	132
DAMIETTA	00	8	28	3	0	0	—	15.2	24.0	35	0	00	7	16	1	1	3	5	14.6	17.2	90	0	159
PORT SAÎD	00	8	21	3	0	0	—	15	24	50	0	00	7	22	1	0	0	—	15	19	64	0	134
EL ʿARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	00	7	28	5	0	2	1	14.3	25.0	57	0	00	7	24	3	0	0	—	15.2	17.0	72	0	136
MANSÛRA	00	8	20	1	0	0	—	14.0	25.3	32	0	00	6	32	1	0	0	—	15.6	16.6	71	0	137
TANTA	00	8	20	2	0	0	—	15.0	25.0	25	0	01	8	00	0	1	4	8	16.3	15.0	80	0	138
ZAGAZIG	00	6	24	2	0	0	—	14.2	23.7	40	0	00	6	24	2	0	0	—	15.5	16.5	65	0	139
SHEBÎN EL KÔM	00	8	22	3	1	0	—	14.4	26.8	26	0	00	7	22	2	0	0	—	15.4	17.2	59	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	24	2	0	0	—	14.0	24.7	36	0	00	7	20	1	0	0	—	15.7	19.3	58	0	141
CAIRO EZBEKÎYA	00	8	00	0	0	0	—	14.8	25.1	25	0	00	7	00	0	0	0	—	15.8	18.2	45	0	—
CAIRO GÎZA	00	8	00	0	0	0	—	14.3	25.8	28	0	00	7	00	0	0	0	—	16.0	16.8	53	0	—
HELWÂN	00	9	00	0	0	0	—	14.6	23.5	31	0	00	7	00	0	0	0	—	16.0	19.3	30	0	143
SUEZ	00	9	02	1	0	0	—		23.2	30	0	00	9	00	0	0	0	—		17.0	52	0	144
UPPER EGYPT																							
FAIYÛM	00	8	30	2	0	0	—	15.1	24.5	27	0	00	8	00	0	0	0	—	15.8	16.1	76	0	153
MINYA																							154
ASYÛT	00	8	30	1	0	0	—	13.6	23.1	28	0	00	6	28	1	0	0	—	16.6	16.2	49	0	155
NAGʿ HAMÂDI	00	8	22	2	0	0	—	12.6	26.8	21	0	00	8	00	0	0	0	—	15.1	16.4	61	0	164
QENA	00	9	22	2	1	0	—	11.6	24.8	50	0	00	6	24	2	0	0	—	14.2	17.6	51	0	156
LUXOR	00	9	30	2	0	0	—	11.6	27.0	26	0	00	8	30	4	0	0	—	14.0	22.0	28	0	157
ASWÂN	02	9	32	2	1	5	1	11.8	25.6	44	0	00	9	32	2	0	0	—	13.8	22.0	50	0	158
WESTERN DESERT																							
SÎWA	00	8	24	3	0	0	—	17.1	24.3	52	0	00		00	0	0	0	—	17.0	17.6	74	0	148
BAHARÎYA	00	8	28	3	0	0	—	15.6	23.9	21	0	00	7	28	1	0	0	—	16.7	16.0	49	0	149
KHÂRGA	00	9	02	1	0	0	—		24.0	20	0	00	9	30	1	0	0	—		18.4	66	0	151
DAKHLA												00	8	00	0	0	0	—	15.9	19.0	63	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	12.7	24.9	43	0	00	7	28	4	0	0	—	13.4	22.5	32	0	145
HURGHÂDA	00	9	32	5	0	0	—	12	23	50	0	00	9	29	4	0	0	—	14	20	46	0	146
QUSEIR	00	8	32	4	1	2	2	11.9	25.6	60	0	00	8	32	3	0	0	—	13.5	22.6	57	0 ✓	147
PORT SÛDÂN	05	6	08	3	1	3	8	6	31	59													208
NORTH SÛDÂN																							
WÂDI HALFA	02	7	32	4	1	7	4,5		24	22													165
KAREIMA	01	9	32	4	1	4	2	7	31	24													166
ʿATBARA	00	7	32	3	1	2	4	5	33	24													167
KHARTÛM	00	8	32	4	0	0	—	6	34	16													209
KASSALA	00	7	24	1	0	3	8		38	22													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	30	3	0	0	—	4	31	24													171
RENK	01	9	28	2	1	4	1		34	47													182
ROSEIRES	00	8	28	1	0	0	—	5	38	18													172
EL OBEID	01	8	28	4	0	4	2	5	32	20													174
EL FÂSHER	00	8	32	3	0	2	2	—	31	21								—					175
GENEINA	00	8	32	3	0	0	—	—	33	07								—					179
KADUGLI	00	8	04	2	0	0	—	6	35	22													187
S. SÛDÂN																							
MALAKÂL	01	8	06	4	1	3	4,1	5	35	18													176
WÂU	02	8	12	2	6	5	4,5	6	32	38													177
JUBA																							173

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+ 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												—		—				13
MATRÛH	02	8	18	3	1	5	4	16.2	-1.5	17.5	22	-1	15	+1	82	tr	rain	31
MARIUT	51	6	21	1	1	6	7,4	16		17	25	—	13	—	88	0	12	23
ALEXANDRIA	02	7	00	0	5	6	9	16.8	-1.4	17.7	24	0	15	-1	89	tr	42	28
DAMIETTA	01	6	16	1	1	5	6	15.9	-1.0	15.7	25	—	12	—	88	0	10	16
PORT SAʿÎD	05	6	19	2	1	5	9,4			18	24		15		83	0	4	11
EL ʿARÎSH																	tr	12
LOWER EGYPT																		
DAMANHÛR	01	6	24	3	1	4	8	16.6	-1.6	16.2	27	+2	14	+1	87	0	7	12
MANSÛRA	01	8	28	1	1	4	6	16.6	-0.8	14.0	26	0	12	-2	78	0	8	7
TANTA	01	8	00	0	1	4	8	17.2	-1.0	15.4	27	+1	10	-2	75	0	tr	6
ZAGAZIG	01	6	32	2	1	4	8	16.8	-1.0	18.4	26	0	11	-1	52	0	1	4
SHEBÎN EL KÔM	00	7	16	1	0	2	4	17.1	-0.8	14.2	29	—	12	—	58	0	tr	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	15	2	0	3	1	16.9	-0.8	17.9	26	—	13	—	45	0	tr	—
CAIRO EZBEKÎYA	00	6	00	0	0	1	1	17.0	-0.7	15.9	26	+1	13	-1	44	0	tr	3
CAIRO GÎZA	00	6	00	0	0	1	1	17.6	-0.2	17.8	27	+2	10	-1	48	0	tr	4
HELWÂN	00	7	00	0	0	1	1	17.6	-0.6	16.5	25	0	13	-1	38	0	tr	3
SUEZ	00	9	00	0	0	0	—			14.6	24	-2	10	-5	50	0	tr	4
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	—	17.4	-0.4	16.0	27	+1	10	-2	54	0	2	0
MINYA																	0	—
ASYÛT																	0	1
NAGʿ HAMÂDI	00	8	00	0	0	0	—	16.2	-0.4	15.9		—		—	58	0	0	—
QENA	00	7	24	2	0	0	—	16.3	-0.5	14.4	27	-3	11	-2	63	0	0	—
LUXOR	00	9	06	2	0	0	—	16.4	+0.1	17.0	28	-2	9	-3	52	0	0	—
ASWÂN	00	9	02	2	0	0	—	15.4	+0.9	17.7	27	-3	13	-3	74	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	18.0	-1.0	17.0	25	-1	10	+1	80	0	0	1
BAHARÎYA	01	8	00	0	0	3	8	17.4	-1.2	17.3	26	0	11	0	75	0	0	1
KHÂRGA	00	9	00	0	0	0	—			14.7	25	-3	7	-5	48	0	0	—
DÂKHLA	00	8	00	0	0	0	—	18.8	+0.6	12.4	24	-4	8	-3	71	0	0	—
RED SEA																		
TÔR	00	7	04	1	0	0	—	15.4	-0.6	19.8			13	-1	40	0	0	3
HURGHÂDA	00	9	27	2	0	0	—	15		21	24		16		38	0	0	1
QUSEIR	00	8	30	2	0	0	—	15.1	-0.8	22.7	26	-1	18	-1	44	0	0	2
PORT SÛDÂN	02	8	30	3	1	6	8,4	10		28			25		66	0	18	41
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	1	0	1	4	17		14			8		39	0	0	—
KAREIMA	01	9	32	1	1	3	4	15		16			11		34	0	0	1
ʿATBARA	00	7	32	4	1	3	2	11		23			21		34	0	tr	2
KHARTÛM	01	7	30	4	0	3	4	13		22			20		27	0	tr	4
KASSALA	01	8	00	0	1	4	4,5	10		25			20		61	0	tr	8
CENTRAL SÛDÂN																		
WAD MEDANI	02	8	32	4	1	5	3	12		22					38	0	7	12
RENK	00	9	32	3	0	0	—	11		27		—		—	28	—	—	47
ROSEIRES																0	33	34
EL OBEID	01	7	30	4	0	3	1	13		21			17		25	0	1	16
EL FÂSHER	01	8	32	1	1	4	2	—	—	16			12		39	0	0	6
GENEINA	00	8	02	3	0	2	1	—	—	18		—	14	—	32	—	—	4
KADUGLI	00	8	04	2	0	0	—	9		37		—		—	20	—	—	87
S. SÛDÂN																		
MALAKÂL	00	8	02	3	0	0	—	11		27			19		28	0	53	84
WÂU	00	7	32	1	0	0	—	10		24			20		69	tr	48	140
JUBA																0	25	119

UPPER WINDS ON 19th (الرياح العليا يوم ١٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Saʿîd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 13 h. m.	Kareima 13 h. m.	Khartûm 13 h. 30 m.	Kassala 13 h. m.	El Obeid 13 h. m.	Malakal 13 h. m.	Juba h. m.
							03 25 20	03 35 15	06 36 15	06 22 05	06 02 15	06 07 35	
							06 36 30	06 34 20	09 35 20	09 27 05	09 02 15	09 07 20	
							09 36 30	09 35 30	15 21 10	15 30 10	15 35 30	15 05 10	
							15 25 15	15 21 15	21 26 40	21 29 10	21 34 05	21 07 30	
							21 26 30	21 26 30					

UPPER WINDS ON 20th (الرياح العليا يوم ٢٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Saʿîd h. m.	Helwân 8 h. 45 m.	Minya h. m.	Asyûṭ h. m.	~~Almaza~~ 7 h. m.	Aswân 7 h. m.	Wâdi Halfa 7 h. m.	Abu Hamad 7 h. m.	Kareima 7 h. 15 m.	Khartûm 6 h. 45 m.
			02 01 10			03 32 15	02 01 20	03 04 15	06 01 30	03 36 10	06 25 35
			05 32 10			06 33 15	05 01 25	06 03 40	09 03 15	06 02 05	09 01 40
			10 32 40			09 31 15	10 03 10	09 02 40	15 23 15	09 02 20	15 34 15
			15 32 10			15 35 15	15 08 05	15 01 20	21 27 15	15 32 20	21 32 25
			20 28 05			21 34 20	20 15 05	21 03 05	24 24 20	21 20 05	24 32 30
			25 26 15			27 34 30	25 03 10	30 30 20		29 26 25	30 25 30
			30 30 15			30 34 35	30 32 15	39 31 05		30 25 35	33 26 30
			40 30 30			39 29 40	35 30 20	45 27 20		39 25 50	39 21 50
			50 26 35			48 27 30		60 26 65		45 27 90	45 21 25

Kassala 7 h. m.	Port Sûdân 7 h. 15 m.	El Obeid 7 h. 15 m.	El Fâsher 6 h. 45 m.	Geneina 7 h. m.	Malakal 7 h. m.
06 34 20	03 36 25	06 35 20	09 02 20	09 05 25	06 02 40
09 36 20	06 02 05	09 02 45	15 01 20	15 09 35	09 02 65
15 03 30	09 07 15	15 36 30	21 04 05	21 10 30	15 03 60
21 03 30	15 12 20	21 30 10	24 06 10	24 10 15	21 07 20
24 02 20	21 15 15	24 27 10	30 22 10	30 13 10	24 16 20
30 36 25	24 15 15	27 23 10	33 23 10	33 15 10	30 19 35
33 36 20		30 26 15	39 26 20	39 18 05	33 18 35
39 33 15		33 25 25	45 23 20		
45 32 20					

Upper Air Temp — Almâza

At ... G.M.T. on ...

Height feet	PPP mb	TT °c	tt °c
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 20th
34703 02490 28205 16131 06407 0612.
34837 02952 18216 17140 91106 00100

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day: Humidity % on 19th	Humidity Diff from normal	Wet Bulb Temp °c on 19th	Wet Bulb Diff from normal
Alexandria	68	+3	15.2	-1.4
Ezbekiya	53	-15	13.0	-2.4
Giza	54	-17	13.6	-1.7
Helwân	44	-13	12.4	-2.1

GÎZA — GRASS MINIMUM TEMP. ON 20th 5.9 °c

CAIRO — WATER TEMP. RIVER NILE AT 8h ON ... °c

Discharges at Aswân measured by sluices m³ per sec. Date	1947	1946
20-11	1504	2602
19-11	1504	2674

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from norma m.
Jûba	20–11				
Nâsser				10.85	+0.47
Malakâl		12.45	+0.14	12.45	+0.14
J. Aulia Res				377.46	—
J. Aulia D.S				372.32	-0.31
Roseires		14.22	+0.39	14.26	+0.38
Sennar Res.				19.69	—
Khartûm				11.76	-0.40
Kh. el Girba					
ʿAtbara		11.34	-0.10	11.36	-0.11
Kajnarti				135.11	-0.78
Aswân Res.		120.32	—	120.24	—
Aswân D.S		86.11	-0.47	86.12	-0.46
Roda (Cairo)		16.56	-0.33	16.58	-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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD 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 [illegible]
Time of Sunset 16 37

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month NOVEMBER 1947

At 14h. on THURSDAY 20th — الساعة ١٤ يوم ٢٠

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	02	8	30	3	2	5	8	14.6	22.3	66	0	131
MARIUT	02	7	27	2	5	6	8,4	15	23	65	0	150
ALEXANDRIA	02	9	24	2	6	5	6	15.5	21.2	69	3	132
DAMIETTA	02	8	02	1	1	6	6	15.0	22.0	66	0	159
PORT SA'ÎD	01	8	32	1	0	4	8,4	16	22	65	0	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	02	7	32	3	2	5	8	15.8	23.0	61	0	136
MANSÛRA	01	8	24	1	1	4	6	15.4	24.0	53	0	137
TANTA	01	8	00	0	1	4	8	15.9	24.0	50	0	138
ZAGAZIG	01	6	02	2	1	4	8	15.0	23.6	62	0	139
SHEBÎN EL KÔM	01	8	22	3	1	4	8	15.5	25.9	46	0	
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	25	5	1	4	8	15.0	23.7	62	0	141
CAIRO EZBEKÎYA	01	8	30	3	1	3	8	15.5	23.4	51	0	
CAIRO GÎZA	01	8	30	3	1	3	8	15.6	24.0	47	0	
HELWÂN	00	9	28	1	0	2	8	15.1	23.4	40	0	
SUEZ	00	9	00	0	0	0	—		24.4	30	0	144
UPPER EGYPT												
FAIYÛM	00	8	30	1	0	0	—	15.5	24.5	33	0	153
MINYA												154
ASYÛT	00	8	22	1	0	0	—	15.5	24.3	25	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	13.8	26.8	31	0	164
QENA	00	9	24	2	0	0	—	13.4	23.6	36	0	156
LUXOR	00	9	24	2	0	0	—	12.8	26.0	27	0	157
ASWÂN	00	9	30	2	0	0	—	12.7	27.0	26	0	158
WESTERN DESERT												
SÎWA	00	8	24	3	0	0	—	17.4	25.2	53	0	148
BAHARÎYA	01	8	28	3	1	4	8	15.5	24.4	38	0	149
KHÂRGA	00	9	30	1	0	0	—		25.0	35	0	151
DAKHLA	00	9	28	1	0	0	—	15.4	22.9	62	0	152
RED SEA												
TÛR	00	7	28	4	0	0	—	13.2	24.9	46	0	145
HURGHÂDA	00	9	02	1	0	0	—	14	23	61	0	146
QUSEIR	00	8	32	2	0	0	—	13.8	25.3	61	0	147
PORT SÛDÂN	01	8	04	4	8	4	8,4	9	29	70		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	4	0	0	—	11	30	18		165
KAREIMA	00	9	02	3	1	1	1	10	35	12		166
'ATBARA	01	7	32	3	1	3	4	7	32	21		167
KHARTÛM	00	8	32	3	1	2	1	8	33	10		209
KASSALA	01	8	30	4	1	4	4	3	37	09		170
CENTRAL SÛDÂN												
WAD MEDANI	01	8	30	3	1	4	3	6	34	19		171
RENK	00	9	04	2	0	0	—	8	34	47		182
ROSEIRES	00	8	30	1	0	0	—	5	38	25		172
EL OBEID	01	8	02	3	0	3	4	7	31	08		174
EL FÂSHER	01	8	04	2	1	3	1	—	29	18		175
GENEINA	00	8	32	3	0	2	2	—	31	12		179
KADUGLI	01	8	04	2	0	3	8	8	34	23		187
S. SÛDÂN												
MALAKÂL	01	9	04	3	1	4	4	6	36	19		176
WÂU	02	8	32	3	1	5	9	5	34	32		177
JUBA	02	8	32	2	1	8	8		37	29		178

At 20h on 20th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	7	00	0	0	5	4,5	16	18	88	0
MARIUT	02	6	00	0	5	5	5	16.4	19.8	83	4.4
ALEXANDRIA	02	6	12	1	1	5	4	16.9	18.0	90	0
DAMIETTA	01	7	04	2	0	5	4,5	16	21	74	0
PORT SA'ÎD											
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	01	6	32	3	1	5	8	16.3	17.4	78	0
MANSÛRA	01	6	02	1	1	3	6	17.6	19.8	74	0
TANTA	00	8	20	1	1	0	—	16.8	18.8	90	0
ZAGAZIG	00	6	32	2	0	0	—	16.7	18.2	80	0
SHEBÎN EL KÔM	00	7	22	1	1	0	—	16.3	18.2	75	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	06	1	0	2	4	16.3	19.7	73	0
CAIRO EZBEKÎYA	00	6	04	2	1	2	8	16.6	17.6	75	0
CAIRO GÎZA	00	6	04	2	1	2	8	17.0	16.9	79	0
HELWÂN	00	7	32	2	0	2	1	16.6	19.6	60	0
SUEZ											
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	—	15.9	16.9	81	0
MINYA											
ASYÛT											
NAG' HAMÂDI	00	8	00	0	0	0	—	16.5	17.6	54	0
QENA	00	6	24	2	0	0	—	14.4	17.8	57	0
LUXOR	00	8	30	2	0	0	—	14.6	20.0	47	0
ASWÂN	00	9	00	0	0	0	—	14.4	23.8	33	0
WESTERN DESERT											
SÎWA	00		00	0	0	0	—	17.0	17.5	68	0
BAHARÎYA											
KHÂRGA	00	9	00	0	0	0	—		19.3	88	0
DAKHLA	00	8	00	0	0	0	—	17.2	19.1	37	0
RED SEA											
TÛR	00	7	00	0	0	0	—	13.2	23.2	45	0
HURGHÂDA	00	9	30	4	0	0	—	14	22	78	0
QUSEIR	00	8	30	3	0	0	—	14.2	23.0	65	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

MATRÛH	MARIUT	PORT SA'ID	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	h m	h m	h m	13h m	13h m	13h m	13h m	13h 15m	13h 16m	13h m
							09 36 20	09 35 20	09 36 15	09 35 18	09 02 20	09 05 14	09 09 25
							15 34 18	15 28 20	15 01 20	15 36 15	15 04 15	15 06 10	15 12 10
							21 29 05	21 28 30	21 35 20	21 32 15	21 36 15	21 05 20	21 12 10
							30 26 10	30 25 45			30 19 15		
							33 27 05	33 25 50			33 18 15		
							39 27 15						
							45 27 30						
							60 26 70						
							75 26 85						

At 8h. on FRIDAY 21st — الساعة ٨ يوم الجمعة ٢١

STATION	PRESENT WEATHER (WW)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm °C	MINIMUM Today °C (mm)	MINIMUM Diff from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	01	8	22	3	1	4	8,4	15.0	-2.7	17.0	24	+1			90	0	Rain	31
MARIUT	00	7	00	0	0	0	—	15		18	23	—	13	—	83	tr.	12	24
ALEXANDRIA	01	9	14	2	4	4	4	15.5	-2.7	18.6	23	-1	16	0	75	3	45	29
DAMIETTA	00	6	14	1	1	2	8	15.4	-1.6	17.1	25	—	13	—	87	0	10	16
PORT SA'ÎD	00	7	21	1	0	1	8	16		20	23		16		68	0	4	11
EL 'ARÎSH																	tr.	13
LOWER EGYPT																		
DAMANHÛR	00		20	2	0	0	—	16.[illegible]	-2.2	15.4	24	-1	13	0	86	0	7	12
MANSÛRA	00	8	24	1	1	0	—	15.6	-1.8	18.0	26	+1	14	0	80	0	8	7
TANTA	00	8	20	1	0	0	—	16.7	-1.5	17.3	26	+1	12	0	80	0	tr.	6
ZAGAZIG	00	6	20	2	0	0	—	16.2	-1.7	19.9	26	+1	12	0	72	0	1	4
SHEBÎN EL KÔM	09	6	14	2	4	1	8	16.0	-2.0	15.6	28	—	13	—	84	0	tr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	21	1	0	0	—	15.9	-1.9	18.6	25	—	14	—	71	0	tr.	—
CAIRO EZBEKÎYA	05	5	00	0	0	1	1	16.0	-1.8	16.7	26	+1	14	+1	72	0	tr.	3
CAIRO GÎZA	05	5	00	0	0	1	1	16.6	-1.2	18.4	26	+1	11	0	72	0	tr.	5
HELWÂN	00	7	00	0	0	0	—	16.7	-1.6	17.3	25	+1	14	0	67	0	tr.	3
SUEZ																	tr.	4
UPPER EGYPT																		
FAIYÛM	09	6	00	0	0	0	—	16.3	-1.6	16.5	26	0	12	0	71	0	2	0
MINYA																	0	—
ASYÛT																	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	16.2	-0.5	17.6		—		—	56	0	0	—
QENA	00	7	24	2	0	0	—	15.6	-1.3	15.0	26	-3	10	-3	68	0	0	—
LUXOR	00	9	02	2	0	0	—	15.9	-0.5	16.5	28	-2	8	-3	56	0	0	—
ASWÂN	00	9	04	1	0	0	—	15.2	-1.2	18.0	28	-2	13	-2	49	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	17.2	-1.9	17.8	26	+1	14	+5	72	0	0	1
BAHARÎYA	00	8	00	0	0	0	—	16.8	-1.9	18.0	26	+1	12	+2	63	0	0	1
KHÂRGA	00	9	00	0	0	0	—			16.2	26	-2	10	-3	47	0	0	—
DÂKHLA																	0	—
RED SEA																		
TÛR	00	7			0	0	—	14.0	+0.9	17.4			13	-1	47	0	0	3
HURGHÂDA	00	7	27	1	0	0	—	15		21	24		14		74	0	0	1
QUSEIR	00	8	28	2	0	0	—	14.2	-1.8	21.7	26	-1	18	-1	57	0	0	2
PORT SÛDÂN	02	8	30	4	1	5	4,4	11		26			24		74	14	32	43
NORTH SÛDÂN																		
WÂDI HALFA	00	8	30	2	0	0	—						7			0	0	—
KAREIMA	00	9	32	2	0	2	4	14		17			14		28	0	0	1
'ATBARA	01	9	32	4	1	3	4	12		21			13		28	0	tr.	2
KHARTÛM	02	8	30	3	1	6	4,5	12		23			20		20	0	tr.	4
KASSALA	00	8	32	1	0	0	—	9		26			19		45	0	tr.	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	8	00	0	0	4	1	11		23					53	0	7	12
RENK	00	9	32	3	5	0	—	11		24		—		—	34	Rain	—	47
ROSEIRES	00	8	28	1	0	0	—	9		19					64	0	33	35
EL OBEID	02	8	30	4	1	7	4	11		19			18		12	0	1	16
EL FÂSHER	01	8	00	0	1	4	5	—	—	20			16		21	0	0	6
GENEINA								—	—			—		—		0	—	4
KADUGLI												—		—			—	87
S. SÛDÂN																		
MALAKÂL																0	63	85
WÂU	00	8	02	1	0	2	4	10		23			20		50	0	48	140
JUBA																0	25	120

Upper Winds are in the Code HHDDVV where HH is Height 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

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	Bakatia	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
06h 30m	h m	h m	h m	h m	7h m	h m	h m	7h 15m	h m	06 45	06 15
03 28 25					03 32 15			09 03 25		09 04 20	09 36 40
06 29 25					06 32 25			15 04 15		15 02 10	15 24 40
09 30 30					09 32 20			21 05 10		21 02 10	21 31 10
12 30 30					12 31 20			30 35 15		24 33 05	
15 30 30					15 28 05			33 29 30		30 29 40	
18 30 25					18 30 10			39 29 15		33 27 55	
21 30 25					21 32 15			45 27 35		39 25	
✓					24 33 10					45 25 15	
					30 29 10						

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKÂL
7h m	7h m	7h m	7h m	h m	h m
	09 04 15	09 02 45	09 04 25		
15 06 15	15 06 15	15 11 15	15 06 15		
21 02 15		21 02 15	21 18 10		
30 13 10		27 35 20	30 36 05		
33 19 15		30 32 10			
39 25 15		33 31 10			

UPPER AIR TEMP — ALMÂZA — AT GMT ON

HEIGHT FEET	PPP	TT
Surface		
500		
1000		
1500		
2000		
4000		
6000		
8000		
10000		
12000		
14000		
16000		

CYPRUS SYNOPTIC 8h ON 21st

34887 10255 12126 17141 42405 00130
34750 60247 XXXX 16171 60302 04131

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	82	+17	17.4	+0.9
Ezbekiya	53	-15	14.2	-1.0
Giza	61	-10	15.0	-0.1
Helwân	44	-13	13.6	-0.7

GÎZA — GRASS MINIMUM TEMP ON 21st 8.9 °C

CAIRO — WATER TEMP AT 9h; RIVER NILE ON °C

GAUGE	Date 1947	Reading m	Diff from normal m	Previous day Reading m	Diff from normal m
Jûba	21-11	13.58	-0.04	13.59	-0.04
Nasser		10.82	+0.50	10.84	+0.49
Malakâl		12.46	+0.15	12.46	+0.14
J. Aulia Res				377.01	—
J. Aulia D.S				372.30	-0.31
Roseires		14.19	+0.41	14.22	+0.39
Sennar Res		19.88	—	19.77	—
Khartûm		11.72	-0.37	11.72	-0.41
Kh. el Girba					
'Atbara		11.29	-0.12	11.34	-0.10
Kajnarti		134.96	-0.81	136.03	-0.80
Aswân Res.		120.43	—	120.32	—
Aswân D.S		86.10	-0.48	86.11	-0.47
Roda (Cairo)		16.66	-0.37	16.66	-0.33

Discharges at Aswan measured by sluices m³ per sec	DATE	1947	1946
	21-11	1504	2507
	20-11	1504	2602

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
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

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. 15C

CAIRO
Time of Sunrise 06 h 25 m
Sunset 16 h 57 m

Month November 1947

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

شهر نوفمبر ١٩٤٧

1417 F.G.

At 14h. on Friday 21st — الساعة ١٤ يوم الجمعة ٢١ ; At 20h. on 21st — الساعة ٢٠ يوم الجمعة ٢١

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	28	1	0	5	8	15.1	21.6	83	0	01	8	30	2	0	3	8	15.2	20.2	79	0	131
	MARIUT	01	8	26	1	0	4	9,4,1	14	23	65	0	00	7	00	0	2	0	—	16	17	91	0	150
	ALEXANDRIA	01	9	24	2	2	4	4	14.7	22.8	68	0	00	6	00	0	0	0	—	15.6	19.6	82	0	132
	DAMIETTA	01	8	28	2	1	3	8	15.2	22.7	60	0	01	7	08	2	1	3	3	15.1	20.1	75	0	159
	PORT SAÏD	00	8	32	1	0	2	9	15	22	61	0	01	7	04	2	1	5	1	16	21	74	0	134
	EL 'ARÎSH																							135
LOWER EGYPT	DAMANHÛR	01	7	23	3	1	3	8	14.2	26.0	42	0	01	6	20	3	1	4	8	15.4	18.7	80	0	136
	MANSÛRA	01	8	20	1	1	4	8	14.7	25.8	46	0	00	6	04	1	1	0	—	15.6	18.6	81	0	137
	TANTA	01	8	20	2	1	4	8	15.0	26.4	40	0	00	8	24	1	1	0	—	16.6	17.0	90	0	138
	ZAGAZIG	00	6	32	2	0	0	—	15.1	25.2	55	0	00	6	32	2	0	0	—	16.3	18.4	82	0	139
	SHEBÎN EL KÔM	01	8	18	2	1	3	8	14.6	28.2	41	0	00	7	22	2	1	0	—	15.1	18.9	71	0	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	24	2	0	3	8	14.0	25.0	54	0	00	7	07	2	0	0	—	15.1	21.1	66	0	141
	CAIRO EZBEKÎYA	01	8	20	2	1	3	8	14.2	26.7	43	0	00	7	00	0	0	0	—	15.4	18.9	69	0	—
	CAIRO GÎZA	01	8	30	2	1	3	8	14.3	26.8	43	0	00	7	00	0	0	0	—	15.8	16.9	82	0	—
	HELWÂN	00	8	28	1	0	2	8	14.0	23.8	41	0	00	7	02	3	0	0	—	15.4	20.5	53	0	143
	SUEZ	00	9	02	2	0	0	—		24.2	41	0	00	9	02	2	0	0	—		19.4	63	0	144
UPPER EGYPT	FAIYÛM	01	8	30	1	1	3	6	14.0	25.6	44	0	00	8	30	1	0	0	—	14.8	18.1	71	0	153
	MINYA																							154
	ASYÛT	00	8	26	1	0	0	—	14.3	24.2	40	0	00	6	28	1	0	0	—	15.2	17.5	66	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	—	13.7	26.8	36	0	00	8	00	0	0	0	—	14.4	16.7	80	0	164
	QENA	00	9	24	2	0	0	—	11.8	24.4	41	0	00	6	24	2	0	0	—	13.4	17.0	67	0	156
	LUXOR	00	9	06	2	0	0	—	12.0	26.3	29	0	00	8	10	2	0	0	—	13.0	20.0	43	0	157
	ASWÂN	00	9	00	0	0	0	—	11.8	27.5	30	0	00	9	32	1	0	0	—	13.1	23.0	38	0	158
WESTERN DESERT	SÎWA	00	8	28	2	0	0	—	14.8	25.0	54	0	00		00	0	0	0	—	15.5	17.8	72	0	148
	BAHARÎYA	01	8	32	1	1	4	8	14.8	25.0	40	0	00	7	28	1	0	0	—	15.9	18.8	61	0	149
	KHÂRGA	00	9	02	1	0	0	—		25.7	36	0	00	9	00	0	0	0	—		19.4	51	0	151
	DAKHLA	00	8	32	3	0	0	—	14.8	24.1	66	0												152
RED SEA	TÔR	00	7	28	4	0	0	—	11.4	24.9	46	0	00	7	00	0	0	0	—	12.2	21.5	52	0	145
	HURGHÂDA	00	7	04	2	0	0	—	12	24	69	0	00	9	28	3	0	0	—	13	20	60	0	146
	QUSEIR	00	8	32	2	0	0	—	13.6	25.0	68	0	00	8	28	2	0	0	—	13.0	22.4	70	0	147
	PORT SÛDÂN	01	8	02	4	1	4	8	8	27	70													208
NORTH SÛDÂN	WÂDI HALFA	00	8	02	1	0	0	—	12	27	14													165
	KAREIMA	01	9	32	3	0	3	4	9	29	13													166
	'ATBARA	01	7	32	2	1	4	4	6	31	19													167
	KHARTÛM	01	8	32	3	2	3	4,2	8	30	16													209
	KASSALA	00	8	28	1	0	3	2	3	36	31													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	04	2	1	3	1	5	34	12													171
	RENK	01	9	32	2	2	4		6	34	47													182
	ROSEIRES	01	8	04	2	1	4	1	5	34	12													172
	EL OBEID	01	8	32	3	1	5	1	6	31	8													174
	EL FÂSHER	01	9	32	3	1	5	4,2	—	29	14								—					175
	GENEINA	01	8	04	3	1	4	4	—	28	13								—					179
	KADUGLI	01	9	04	1	1	5	1	7	34	19													187
S. SÛDÂN	MALAKÂL																							176
	WÂU																							177
	JUBA																							1[illegible]3

At 8h. on Saturday 22nd — الساعة ٨ يوم السبت ٢٢

Region	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	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												—		—				14
	MATRÛH	02	8	02	3	2	7	5	15.8	-2.0	20.0	23	0	15	+1	78	Tr	R	32
	MARIUT	00	7	00	0	0	2	9	15		19	24	—		—	83	0	12	25
	ALEXANDRIA	01	9	20	2	1	4	8	15.5	-2.7	20.4	24	0	16	0	79	0	45	30
	DAMIETTA	00	7	20	1	1	0	—	15.2	-1.8	17.5	25	—	13	—	90	0	10	17
	PORT SAÏD	05	3	20	1	0	1	8	15		20	24		16		78	0	4	12
	EL 'ARÎSH																	dr	13
LOWER EGYPT	DAMANHÛR	00	9	24	2	0	0	—	15.5	-2.7	15.4	27	+2	13	0	96	0	7	12
	MANSÛRA	00	8	24	1	0	0	—	15.5	-2.0	18.8	27	+2	13	0	69	0	8	7
	TANTA	00	8	00	0	0	0	—	16.3	-1.9	15.0	27	+2	11	-1	84	0	dr	6
	ZAGAZIG	00	6	04	2	0	0	—	15.5	-2.4	14.2	28	+3	12	0	92	0	1	5
	SHEBÎN EL KÔM	00	8	22	1	0	0	—	15.8	-2.2	14.4	29	—	14	—	92	0	dr	—
MIDDLE EGYPT	CAIRO ALMAZA	05	6	00	0	0	0	—	15.4	-2.4	18.7	26	—	14	—	68	0	Tr	—
	CAIRO EZBEKÎYA	00	6	00	0	0	0	—	15.6	-2.2	16.4	28	+3	14	+1	82	0	dr	3
	CAIRO GÎZA	00	6	00	0	0	0	—	15.8	-2.1	17.5	28	+3	11	0	82	0	dr	5
	HELWÂN	09	6	00	0	0	0	—	15.9	-2.4	15.4	25	+1	14	0	79	0	dr	3
	SUEZ	00	9	02	1	0	0	—			16.2	25	0	12	-2	69	0	dr	4
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	—	15.9	-2.1	18.2	28	+2	13	+1	67	0	2	0
	MINYA																	0	—
	ASYÛT	00	7	22	1	0	0	—	15.9	-2.0	16.8	26	0	13	+1	63	0	0	1
	NAG' HAMÂDI	00	8	00	0	0	0	—	15.9	-1.5	18.4		—		—	66	0	0	—
	QENA	00	7	24	2	0	0	—	14.4	-2.6	16.0	26	-3	18	0	77	0	0	—
	LUXOR	00	9	08	1	0	0	—	14.8	-1.7	19.0	29	[illegible]	11	[illegible]	58	0	0	—
	ASWÂN	00	9	30	1	0	0	—	14.0	-2.5	20.0	29	-1	14	-1	52	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	17.5	-1.6	15.4	26	+1	9	+1	75	0	0	1
	BAHARÎYA	00	8	32	1	0	0	—	16.3	-2.4	18.1	26	+1	12	+2	66	0	0	1
	KHÂRGA	00	9	00	0	0	0	—			16.4	26	-2	12	0	65	0	0	—
	DÂKHLA	00	8	24	1	0	0	—	16.6	-1.8	17.3	26	-1	12	+1	76	0	0	—
RED SEA	TÔR	00	7	04	1	0	0	—	13.2	-2.9	19.9			14	0	40	0	0	3
	HURGHÂDA	00	9	27	3	0	0	—			22	25		16		50	0	0	1
	QUSEIR	00	8	28	2	0	0	—	12.7	-3.3	21.6	26	-1	18	-1	59	0	0	2
	PORT SÛDÂN	01	8	30	4	1	4	2,4	11		26			23		74	0	32	44
NORTH SÛDÂN	WÂDI HALFA	00	7	00	0	0	1	1	15		16			9		52	0	0	—
	KAREIMA	01	9	04	2	1	4	4,2	13					16			0	0	1
	'ATBARA	00	7	32	3	0	1	1	10		22			19		44	0	dr	2
	KHARTÛM	01	8	30	3	0	3	1	10		22			18		25	0	dr	4
	KASSALA	01	8	31	1	1	6	4	9		23			18		65	0	dr	8
CENTRAL SÛDÂN	WAD MEDANI	00	8	32	3	0	3	1	11		22					25	0	7	12
	RENK	00	9	32	3	0	0	—	11		27		—		—	23	—	—	47
	ROSEIRES	00	8	30	1	0	0	—	9		21					57	0	33	35
	EL OBEID	00	8	30	3	0	1	1	11		21			16			0	1	16
	EL FÂSHER	02	9	32	1	1	6	4,2	—	—	15			12		22	0	0	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI	01	8	04	3	1	3	1	11		24		—		—	26	—	—	27
S. SÛDÂN	MALAKÂL	00	8	02	4	0	3	4	10		24					24	0	53	85
	WÂU	00	8	02	1	0	1	4	9		23					57	0	48	141
	JUBA																0	25	120

UPPER WINDS ON 21st — الرياح العليا يوم ٢١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT 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.	13 h. m.	13 h. 15 m.	13 h. m.	13 h. 30 m.	13 h. m.	13 h. m.	h. m.
							03 34 10	03 01 15	06 01 35	06 36 10	06 01 20	06 05 30	
							06 34 15	06 01 20	09 35 20	09 34 10	09 03 20	09 05 35	
							09 31 20	09 34 10	15 33 20	15 35 15	15 06 10	15 08 55	
							15 30 20	15 30 10	21 29 20	21 32 10	21 23 05	21 07 20	
							21 36 10	21 28 20	24 28 25	24 34 05	24 23 05	24 06 15	
							24 35 10	24 25 25					
								30 27 50					
								33 26 55					

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	[heading struck out]	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h. 45 m.	7 h. m.	7 h. m.	h. m.	7 h. m.	h. m.	h. m.	7 h. m.	6 h. m.
			03 28 05	03 32 20	02 32 10		02 36 10			09 05 35	09 02 35
			05 30 05	06 32 25	05 36 20		05 01 15			15 05 10	15 04 25
			08 34 10	09 31 25	10 01 30		10 05 15			21 32 05	21 34 25
			10 35 20	12 31 20			15 32 05			30 27 45	30 30 30
			15 35 15	15 30 15			20 34 10			33 25 55	33 30 25
			20 35 15	18 30 25			25 30 10			39 25 70	39 24 30
			23 33 15	21 30 25						45 27 75	45 23 35
			25 30 15	24 31 20						51 26 90	51 24 25
			28 30 15	30 32 20							

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	7 h. 15 m.	7 h. m.	h. m.	7 h. m.
		09 03 45	09 34 15		09 03 65
		15 05 15	15 05 30		15 05 60
		21 09 05	21 08 15		21 08 55
		30 22 15	30 17 10		
		33 13 10	33 18 10		
		39 25 10	39 08 10		
		45 11 20			

CYPRUS SYNOPTIC 8h ON 22nd

34750 02986 000x6 15161 30300 08151
34857 02951 20226 16151 36801 00131

UPPER AIR TEMP ALMÂZA AT G.M.T ON			
HEIGHT (FEET)	P.P.P (mb)	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 21st	Diff from normal	Wet Bulb Temp °C on 21st	Diff from normal
Alexandria	75	+10	17.6	+1.3
Ezbekiya	64	-4	16.1	+1.1
Giza	67	-4	16.8	+1.8
Helwân	56	-2	15.0	+0.8

GÎZA — GRASS MINIMUM TEMP. ON 22nd 7.8 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON .... °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
22-11		2428
21-11	1504	2507

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.59	-0.04
Nâsser				10.82	+0.60
Malakâl		12.45	+0.15	12.45	+0.15
J. Aulia Res.					
J. Aulia D.S	١١				
Roseires		14.15	+0.29	14.19	+0.41
Sennar Res.				19.86	-
Khartûm	١			11.72	-0.37
Kh. el Girba					
'Atbara	٢	11.25	-0.14	11.29	-0.12
Kajnarti				134.96	-0.81
Aswân Res.	٧			120.43	-
Aswân D.S				86.10	-0.48
Roda (Cairo)		16.58	-0.19	16.56	-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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 06 h. 28 m.
Sunset 16 h. 56 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month NOVEMBER 1947 — شهر نوفمبر ١٩٤٧

At 14h. on SATURDAY 22nd (الساعة ١٤ يوم ٢٢) — 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	°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	7	04	3	5	8	9	14.7	20.0	78	3	50	7	04	4	8	8	9	14.6	18.1	89	26	131
MARIUT	01	7	26	2	0	3	9	14	23	65	0	00	7	00	0	0	2	9,4	14	17	88	3	150
ALEXANDRIA	01	9	20	3	2	4	8	13.9	22.0	71	0	01	6	32	2	2	3	5	13.5	19.0	81	0	132
DAMIETTA	00	8	28	2	1	2	8	13.1	21.9	65	0	00	7	14	1	1	2	5	13.5	17.4	90	0	159
PORT SA'ÎD	00	8	31	1	0	2	9	14	23	61	0	00	7	31	2	0	0	—	14	20	78	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	8	28	3	1	5	8	14.0	22.2	68	0	00	6	28	2	1	0	—	14.0	18.0	80	0	136
MANSÛRA	01	8	32	1	1	4	8	13.4	25.5	46	0	01	6	04	1	1	4	6	13.9	19.6	79	0	137
TANTA	01	8	00	0	1	4	8	14.2	25.0	57	0	01	8	00	0	1	4	8	14.4	17.0	89	0	138
ZAGAZIG	01	6	28	2	1	4	8	13.6	24.4	59	0	00	6	32	2	0	0	—		18.6	84	0	139
SHEBÎN EL KÔM	01	8	22	2	1	4	8	14.0	25.9	42	0	00	7	22	2	1	2	8	15.8	18.7	78	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	28	2	0	4	8	13.0	26.0	50	0	00	7	06	1	0	0	—	13.3	20.0	68	0	141
CAIRO EZBEKÎYA	01	8	28	2	1	3	8	13.5	25.0	48	0	00	7	02	1	1	0	—	13.5	18.3	85	0	—
CAIRO GÎZA	01	8	28	2	1	3	8	14.0	25.1	50	0	00	7	02	1	1	0	—	13.8	17.6	87	0	—
HELWÂN	00	8	28	1	0	3	8	13.2	23.8	45	0	00	7	34	2	0	0	—	13.5	20.6	53	0	143
SUEZ	01	9	02	2	1	3	4		24.0	45	0	00	9	00	0	0	0	—		19.4	60	0	144
UPPER EGYPT																							
FAIYÛM	01	8	30	1	1	3	8	13.4	25.2	36	0	01	8	30	1	1	3	8	12.8	18.3	77	0	153
MINYA																							154
ASYÛT	00	8	28	1	0	0	—	13.6	26.0	59	0	00	6	26	1	0	0	—	14.4	17.3	68	0	155
NAG' HAMÂDI	00	8	24	2	0	0	—	12.3	27.4	41	0	00	8	00	0	0	0	—	13.4	17.7	80	0	164
QENA	00	9	24	2	0	0	—	11.2	26.0	42	0	00	6	24	2	0	0	—	12.3	19.6	54	0	156
LUXOR	00	9	26	2	0	0	—	11.9	28.0	33	0	00	8	26	3	0	0	—	12.3	22.5	48	0	157
ASWÂN	00	9	32	1	0	0	—	11.8	27.7	26	0	01	9	00	0	1	3	1	12.3	23.2	36	0	158
WESTERN DESERT																							
SÎWA	00	8	28	2	0	0	—	16.6	25.0	53	0	00		00	0	0	0	—	16.0	19.0	83	0	148
BAHARÎYA	01	8	24	1	0	3	8	14.3	25.0	40	0	00	7	28	1	0	0	—	15.1	19.6	50	0	149
KHÂRGA	00	9	23	1	0	0	—		26.8	37	0	00	9	00	0	0	0	—		20.0	50	0	151
DAKHLA	00	9	24	2	0	0	—	13.8	24.5	86	0	00	8	24	1	0	0	—	15.5	20.1	93	0	152
RED SEA																							
TÔR	00	7	28	4	0	0	—	11.6	25.3	65	0	00	7	00	0	0	0	—	11.6	22.8	56	0	145
HURGHÂDA	00	9	02	4	0	0	—	11	24	69	0	00	9	28	3	0	0	—	12.	21	74	0	146
QUSEIR	00	8	02	3	0	0	—	11.9	25.2	70	0	00	8	24	2	0	0	—	11.8	23.0	65	0	147
PORT SÛDÂN																							208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA																							166
'ATBARA																							167
KHARTÛM																							209
KASSALA																							170
CENTRAL SÛDÂN																							
WAD MEDANI																							171
RENK																							182
ROSEIRES																							172
EL OBEID																							174
EL FÂSHER								—											—				175
GENEINA								—											—				179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA																							173

At 8h. on SUNDAY 23rd (الساعة ٨ يوم الأحد ٢٣)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum 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												—		—				
MATRÛH	61	8	32	4	6	8	5	14.6	-3.2	18.8	22	-1	16	+2	73	39		33
MARIUT	02	7	00	0	3	8	5,4	12		17	24	—	16	—	94	3	.15	26
ALEXANDRIA	02	9	00	0	6	6	9	12.3	-5.9	17.6	23	-1	16	0	84	7	52	31
DAMIETTA	02	6	24	1	2	6	6	11.6	-5.5	16.0	24	—	12	—	95	0	16	17
PORT SA'ÎD	01	7	26	2	1	5	8,4	12		19	25		17		78	0	4	12
EL 'ARÎSH																	tr.	14
LOWER EGYPT																		
DAMANHÛR	03	6	28	2	6	8	9	13.0	-5.3	16.3	27	+2	14	+1	95	1	8	13
MANSÛRA	01	6	04	1	1	4	6	12.3	-5.2	16.5	27	+2	14	+1	90	0	8	7
TANTA	50	6	00	0	5	7	7	13.1	-5.2	16.4	26	+1	12	0	96	tr.	tr.	6
ZAGAZIG	01	6	26	2	1	4	8	12.2	-5.8	14.2	28	+3	13	+1	92	0	1	5
SHEBÎN EL KÔM	01	8	22	1	1	3	8	13.2	-4.8	15.1	28	—	13	—	90	0	tr.	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	18	3	0	4	4	12.1	-5.7	17.1	26	—	14	—	71	0	tr.	—
CAIRO EZBEKÎYA	01	8	00	0	1	3	8	12.7	-5.1	15.8	26	+1	15	+2	81	0	tr.	3
CAIRO GÎZA	01	8	00	0	1	3	8	13.1	-4.8	18.0	26	+2	12	+1	73	0	tr.	5
HELWÂN	05	8	14	2	1	4	1	12.8	-5.6	15.2	24	0	14	+1	71	0	tr.	3
SUEZ	01	9	04	1	1	4				16.4	25	0	12	-2	79	0	tr.	5
UPPER EGYPT																		
FAIYÛM	01	8	26	2	1	4	3	13.5	-4.6	17.8	27	+1	13	+1	70	0	2	0
MINYA																	0	—
ASYÛT																	0	1
NAG' HAMÂDI	00	8	00	0	0	0	—	14.8	-2.0	17.4		—		—	59	0	0	—
QENA	00	7	20	3	0	0	—	14.3	-2.8	16.3	27	-2	14	+2	73	0	0	—
LUXOR	00	9	10	2	0	0	—	13.9	-3.7	19.0	30	-1	11	-0	63	0	0	—
ASWÂN	00	9	00	0	0	0	—	14.4	-2.2	20.2	28	-1	14	-1	54	0	0	—
WESTERN DESERT																		
SÎWA	00	7	20	1	0	0	—	17.5	-1.7	16.5	26	+1	13	+5	84	0	0	1
BAHARÎYA	01	8	24	2	1	3	8	15.0	-3.8	16.3	26	+1	11	+1	80	0	0	1
KHÂRGA	00	9	00	0	0	0	—			17.8	27	-1	10	-1	62	0	0	—
DÂKHLA	00	8	20	1	0	0	—	15.9	-2.5	18.0	25	-2	13	+2	75	0	0	—
RED SEA																		
TÔR	00	7	28	3	0	0	—			22.3			14	0	63	0	0	3
HURGHÂDA	00	9	26	2	0	1	8	12		20	25		15		56	0	0	1
QUSEIR	00	8	28	2	0	0	—	12.2	-3.9	22.0	27	0	18	-1		0	0	2
PORT SÛDÂN	02	9	30	4	1	5	6,4	10		26			23		74	0	32	46
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	1	1	15		17			11		58	0	0	—
KAREIMA	01	9	31	3	1	4	4	13		19			16		32	0	0	1
'ATBARA	02	7	30	2	1	5	4	9		23			21		41	0	tr.	2
KHARTÛM	01	8	30	3	0	4	1	11		23			20		34	0	tr.	4
KASSALA	01	8	00	0	1	3	2	9		25			19		70	0	tr.	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	9	02	3	1	5	1	10		25					30	0	7	12
RENK	00	9	02	2	0	0	—	11		27		—		—	23	—	—	48
ROSEIRES	00	8	30	1	0	0	—	9		22					61	0	33	35
EL OBEID	01	8	28	3	1	4	1	11		21			16		28	0	1	16
EL FÂSHER	02	8	32	1	1	6	4	—	—	17			14		37	0	0	6
GENEINA	02	8	32	3	1	8	4	—	—	17		—	16	—	34	—	—	4
KADUGLI	01	8	28	1	1	4	1	11		23		—		—	41	—	—	87
S. SÛDÂN																		
MALAKÂL	01	8	04	4	0	3	4	9		26			17		28	0	53	85
WÂU	01	8	32	1	0	2	4	9		23					57	0	48	141
JUBA	02	8	30	1	1	8	4	8		27			21		66	0	25	121

UPPER WINDS ON 22nd (الرياح العليا يوم ٢٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	13 h. 15 m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	13 h. m.	13 h. 15 m.	12 h. 45 m.	h. m.	h. m.	h. m.
		03 30 15					03 02 15	03 36 20	06 35 10	06 23 05			
		06 28 15					06 30 15	06 36 20	09 34 15	09 27 05			
		09 28 10					09 35 15	09 02 15	15 26 15	12 03 05			
		12 28 15					15 30 05	15 11 20	21 02 15				
		15 28 20					21 28 10	21 19 35	30 36 20				
		18 28 20					30 25 05	30 26 55	39 35 30				
		21 27 15					39 26 15	39 26 70	45 33 55				
		24 23 10					45 26 05	45 26 90	51 33 45				
		27 29					60 27 45	60 26 50					

UPPER WINDS ON 23rd (الرياح العليا يوم ٢٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	BAHARIYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h m.	h. m.	h. m.	8 h. 45 m.	7 h. m.	h. m.	6 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
			00 18 10	03 31 20		03 34 15	02 36 10	06 02 50	06 01 35	06 03 00	06 01 35
			02 21 10	06 30 30		06 34 30	05 36 25	09 02 45	09 04 25	09 04 35	09 02 35
			04 23 10	09 32 40		12 34 30	10 01 20	15 36 20		15 25 10	15 03 20
			Ent. St.	15 31 50		15 32 20	15 08 20	21 15 05	21 21 05	21 28 10	21 35 15
				21 30 55		18 34 05	20 26 10	30 21 10	30 23 35	30 26 45	30 34 15
				24 29 50		21 28 25		33 23 15	33 24 35	33 26 60	33 34 20
				27 30 40		24 25 35		39 29 30		39 26 65	
				30 29 35		27 25 35		45 27 30		45 27 55	
				33 01 05		30 25 35					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	h. m.	7 h. m.	7 h. m.	7 h. 15 m.	h. m.
06 12 05		06 36 30	09 36 15	09 05 10	
09 05 10		09 03 40	15 03 05	15 10 15	
15 03 45		15 04 25	21 05 05	21 22 10	
21 03 30		21 23 05	33 18 15	30 23 15	
30 32 20		33 23 05	45 23 40	33 26 10	
33 29 25		39 21 05			
39 30 30		45 25 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 m.³ per sec. Date	1947	1946
23-11	1504	2344
22-11	1504	2428

Station	Mean of day: Humidity % on 21st	Diff from normal	Wet Bulb Temp °C on 21st	Diff from normal
Alexandria	71	+6	17.5	+1.3
Ezbekiya	77	+9	16.5	+1.7
Gîza	77	+8	16.8	+2.0
Helwân	61	+4	15.1	+1.1

GÎZA — GRASS MINIMUM TEMP. ON 22nd 8.8 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON .... °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22-11-47			13.58	-0.03
Nâsser				10.81	+0.52
Malakâl		12.45	+0.15	12.45	+0.15
J. Aulia Res.				377.09	—
J. Aulia D.S				372.26	-0.31
Roseires		14.14	+0.44	14.15	+0.39
Sennar Res.				19.95	—
Khartûm				11.70	-0.37
Kh. el Girba					
'Atbara				11.25	-0.14
Kajnarti				134.92	-0.78
Aswân Res.		120.58	—	120.51	—
Aswân D.S		86.09	-0.49	86.09	-0.49
Roda (Cairo)		16.58	-0.13	16.68	-0.19

CYPRUS SYNOPTIC 8h ON 23rd

34801 01963 20203 11131 03401 00111
34780 01971 20211 12141 20300 00121

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			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick ,, ,, ,, ,, 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
,, of Snow 83, 84
,, of Sleet 85, 86
,, of Hail 88, 89
Thunderstorm 90-99
,, ended, now Rain 91
,, with Hail 94-96
,, with Duststorm 98
,, heavy, with Hail 99

PAST WEATHER (W)

Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)

Objects not visible at
50 metres 0
200 ,, 1
500 ,, 2
1 Kilometre 3
2 ,, 4
4 ,, 5
10 ,, 6
20 ,, 7
50 ,, 8
Visible over 50 kms. 9

CLOUD AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)

Cirrus 1
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato-cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 06 57
Sunset 16 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1947 — شهر نوفمبر ١٩٤٧

1417 F.O.

At 14h. on SUNDAY 23rd — الساعة ١٤ يوم الأحد ٢٣

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (DD)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN — SALÛM												130
MATRÛH	01	9	30	4	8	3	8	13.9	19.3	70	6	131
MARIUT	01	7	28	3	2	5	8	12	20	73	0	150
ALEXANDRIA	02	9	30		5	5	9	11.9	20.2	69	dr.	132
DAMIETTA	01	8	30	1	1	4	6	10.8	20.8	71	0	159
PORT SA'ID												134
EL 'ARÎSH												135
LOWER EGYPT — DAMANHÛR	01	7	32	3	6	5	9	11.8	18.8	88	1	136
MANSÛRA	01	8	30	1	1	4	8	10.6	22.0	72	0	137
TANTA	01	8	00	0	5	5	8	11.8	21.0	67	dr.	138
ZAGAZIG	00	6	32	2	5	7	7	11.0	19.4	90	1	139
SHEBÎN EL KÔM	01	8	30	2	2	5	8	11.6	21.9	66	0	
MIDDLE EGYPT — CAIRO ALMÂZA	02	7	00	0	6	6	8,4	10.6	20.7	78	1	141
CAIRO EZBEKÎYA	30	4	00	0	5	8	9	11.2	20.3	79	2	
CAIRO GÎZA	30	4	00	0	5	8	9	11.6	20.6	80	4	
CAIRO HELWÂN	50	7	00	0	5	6	7	10.8	20.3	69	dr.	143
SUEZ	24	9	32	1	6	8	7		19.0	81	dr.	144
UPPER EGYPT — FAIYÛM	02	8	26	2	6	7	7	11.4	20.0	71	2	153
MINYA												154
ASYÛT	00	8	28	1	0	0	—	11.6	23.1	45	0	155
NAG' HAMÂDI	00	8	24	2	0	0	—	11.8	25.8	37	0	164
QENA	01	9	24	3	0	3	1	10.6	24.6	39	0	156
LUXOR	00	9	26	3	0	0	—	10.2	25.3	36	0	157
ASWÂN	00	9	32	2	0	0	—	10.0	26.0	36	0	158
WESTERN DESERT — SÎWA	03	8	28	2	3	8	4	17.1	22.0	58	0	148
BAHARÎYA	03	8	32	3	2	7	8	13.5	20.8	54	0	149
KHÂRGA	01	9	26	1	1	4	8		25.0	24	0	151
DAKHLA	00	9	24	2	0	0	—	14.4	24.0	67	0	152
RED SEA — TÔR	00	9	28	2	0	0	—		25.3	42	0	145
HURGHÂDA	01	9	02	3	0	3	8	10	24	69	0	146
QUSEIR	00	8	04	2	0	2	4	11.2	25.6	71	0	147
PORT SÛDÂN	00	9	04	5	1	3	8	7	27	70		208
NORTH SÛDÂN — WÂDI HALFA												165
KAREIMA	00	9	32	2	1	3	2	9	31	16		166
'ATBARA	00	7	28	2	0	3	8,4	5	32	26		167
KHARTÛM	01	8	18	3	1	4	2	7	36			209
KASSALA	00	8	28	1	1	1	4	3	36	19		170
CENTRAL SÛDÂN — WAD MEDANI	00	8	28	3	1	3	1	4	35	18		171
RENK												182
ROSEIRES	00	8	28	2	0	2	1	3	33	30		172
EL OBEID	02	8	02	3	1	5	2	6	31	10		174
EL FÂSHER	02	8	04	2	1	6	2	—	29	29		175
GENEINA	01	8	04	1	1	3	2	—	31	17		179
KADUGLI	01	8	04	2	1	3	1	7	34	29		187
S. SÛDÂN — MALAKÂL												176
WÂU	01	8	06	3	1	4	4	9	36	29		177
JUBA												1[illegible]

At 20h on 23rd — الساعة ٢٠ يوم الأحد ٢٣

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (DD)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 14-20 mms
MEDITERRANEAN — SALÛM											
MATRÛH											
MARIUT	01	7	26	2	1	4	6	12	18	68	0
ALEXANDRIA	02	6	30	4	2	5	9	11.6	17.6	70	0
DAMIETTA	00	7	14	1	1	3	5	11.2	16.6	87	0
PORT SA'ID	01	7	24	1	8	3	9	11	18	83	1
EL 'ARÎSH											
LOWER EGYPT — DAMANHÛR	00	6	32	3	1	0	—	12.2	15.0	87	0
MANSÛRA	01	6	04	2	1	4	6	12.2	17.4	84	0
TANTA	50	6	00	0	5	8	7	13.2	15.4	93	dr.
ZAGAZIG	02	6	32	2	2	5	8	12.2	16.4	90	0
SHEBÎN EL KÔM	01	7	30	2	6	3	8	12.3	17.2	89	1
MIDDLE EGYPT — CAIRO ALMÂZA	03	6	25	2	2	8	8	12.3	17.2	94	0
CAIRO EZBEKÎYA	51	5	28	3	6	8	7	12.7	16.8	93	6
CAIRO GÎZA	51	5	28	3	6	8	7	12.8	16.7	91	15
CAIRO HELWÂN	60	6	00	0	6	7	7	13.1	16.3	96	6
SUEZ											
UPPER EGYPT — FAIYÛM	02	8		1	6	7	7	13.0	17.9	88	dr.
MINYA											
ASYÛT	01	6	26	1	1	5	6	13.8	18.9	63	0
NAG' HAMÂDI	00	8	00	0	0	0	—	13.1	16.2	79	0
QENA	00	6	24	2	1	0	—	12.3	16.8	74	0
LUXOR	00	8	24	2	0	0	—	12.7	19.0	63	0
ASWÂN	00	9	32	2	0	0	—	12.0	22.5	38	0
WESTERN DESERT — SÎWA											
BAHARÎYA	03	7	28	1	5	8	8	14.4	19.0	61	dr.
KHÂRGA	02	9	02	1	2	5	8		21.7	48	0
DAKHLA	01	8	28	1	1	4	5	15.0	20.8	70	0
RED SEA — TÔR	00	7	28	1	0	0	—	11.8	22.8	51	0
HURGHÂDA	00	9	29	1	0	0	—	11	22	57	0
QUSEIR	00	8	28	1	0	0	—	10.8	22.9	61	0
PORT SÛDÂN											
NORTH SÛDÂN — WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN — WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN — MALAKÂL											
WÂU											
JUBA											

At 8h on MONDAY 24th — الساعة ٨ يوم الإثنين ٢٤

STATION	PRESENT WEATHER (ww)	VISIBILITY (v)	WIND Dir. (DD)	WIND Force (f)	PAST WEATHER (w)	CLOUD Amount (N)	CLOUD Form (C)	CAR PRESSURE M.S.L. 1000+ mbs. (PPP)	CAR 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																		
MATRÛH	14	7	26	3	2	7	9	13.0	-4.8	15.6	20	-2	14	0	83	6	Rain	34
MARIUT	02	7	20	3	5	7	8	12		16	21	—	16	—	94	5	20	27
ALEXANDRIA	02	9	16	2	6	5	9	12.3	-6.0	15.6	22	-2	14	-1	93	12	64	33
DAMIETTA	00	8	18	1	0	3	9	10.7	-6.4	14.8	22	—	12	—	91	0	10	18
PORT SA'ID	05	6	24	3	8	3	9	11		17	21		15		83	2	6	12
EL 'ARÎSH																		14
LOWER EGYPT — DAMANHÛR	02	6	20	3	6	5	4	12.7	-5.6	15.0	22	-3	12	-1	96	3	11	13
MANSÛRA	02	7	20	1	2	5	6	11.6	-5.9	16.2	23	-2	13	0	87	0	8	7
TANTA	30	5	20	1	5	8	7	13.1	-5.2	14.7	22	-3	10	-1	97	dr.	dr.	7
ZAGAZIG	50	6	24	2	2	5	7	12.3	-5.7	15.2	25	0	12	0	96	1	2	5
SHEBÎN EL KÔM	03	7	28	2	5	8	9	13.5	-4.6	15.2	25	—	12	—	89	1	1	—
MIDDLE EGYPT — CAIRO ALMAZA	02	7	19	2	0	7	6	13.1	-4.8	14.4	23	—	13	—	88	1	2	—
CAIRO EZBEKÎYA	51	5	00	0	5	6	7	13.8	-4.1	14.6	21	-4	13	0	81	14	14	3
CAIRO GÎZA	51	5	00	0	5	8	7	13.8	-4.1	14.1	22	-2	12	+1	91	19	19	5
CAIRO HELWÂN	09	6	00	0	2	8	7	14.0	-4.4	13.4	21	-3	12	-1	91	9	9	3
SUEZ	01	9	28	1	1	4	3			17.6	25	0	15	+1	72	2	2	5
UPPER EGYPT — FAIYÛM	01	8	26	2	1	3	6	12.8	-5.4	17.6	23	-3	11	-1	65	2	4	0
MINYA																		—
ASYÛT	00	7	00	0	0	0	—	15.0	-3.1	17.3	25	0	14	+3	72	0	0	1
NAG' HAMÂDI	00	8	24	1	0	0	—	15.0	-1.9	18.4		—		—	70	0	0	—
QENA	01	7	24	3	1	4	3	13.5	-3.7	16.9	26	-3	14	+2	81	0	0	—
LUXOR	01	9	18	2	1	4	3	13.9	-2.8	18.0	27	-2	13	+1	71	0	0	—
ASWÂN	00	9	30	1	0	0	—	14.3	-2.5	17.4	27	-2	15	0	67	0	0	—
WESTERN DESERT — SÎWA																		1
BAHARÎYA	01	8	20	2	0	2	4	15.0	-3.9	13.3	22	-3	10	0	73	dr.	dr.	2
KHÂRGA	02	9	00	0	0	3	8			16.6	26	-2	12	+1	68	0	0	—
DAKHLA	01	8	00	0	1	4	5	16.2	-2.3	19.7	25	-2	12	+1	75	0	0	—
RED SEA — TÔR	00	9	28	3	0	0	—	12.0	-4.3	20.2	23	-2	15	-2	56	0	0	3
HURGHÂDA	00	7	30	2	0	0	—	12		20	29		15		69	0	0	2
QUSEIR	01	8	24	3	0	2	5	11.1	-5.0	20.2	29	+2	18	-1	66	0	0	2
PORT SÛDÂN	01	8	30	4	1	6	8,4	9		26					70	0	32	47
NORTH SÛDÂN — WÂDI HALFA	00	8	00	0	0	3	4	15		17			11		46	0	0	—
KAREIMA	02	8	04	4	1	3	2	14		20			16		30	0	0	1
'ATBARA	18	6	31	4	0	4	4	11		21			18		31	0	dr.	2
KHARTÛM	02	8	32	3	1	6	2	12		21			18		31	0	dr.	4
KASSALA	02	8	00	0	1	5	2	9		24			18		61	0	dr.	8
CENTRAL SÛDÂN — WAD MEDANI	01	8	32	4	1	4	1	5		23					27	0	7	12
RENK	00	9	30	4	0	0	—	11		26	—		—		23	—	—	48
ROSEIRES	00	8	28	2	0	0	—	10		22					29	0	33	35
EL OBEID	00	8	30	4	0	0	—	12		22			16		19	0	1	16
EL FÂSHER	00	8	00	0	0	2	1	—	—	14			11		45	0	0	6
GENEINA	00	8	02	4	0	3	2	—	—	18	—		—		64	0	—	4
KADUGLI	00	8	02	1	1	2	1	11		25	—		—		30	—	—	88
S. SÛDÂN — MALAKÂL	02	8	32	1	1	5	4	9		22			19		49	0	53	85
WÂU																0	48	141
JUBA	05	7	32	1	1	8	2	9		26			21		58	0	25	121

UPPER WINDS ON 23rd — الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 13 h. 15 m.	KHARTÛM 13 h. m.	KASSALA 12 h. 45 m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
								06 34 30	06 35 20	06 29 10	06 02 15		
								09 34 40	09 35 20	09 27 10	09 01 15		
								12 33 35	15 34 30	15 31 10	15 03 15		
								20 27 50	21 34 20	21 26 40	21 16 05		
								29 26 75	30 28 30	30 24 20	30 25 20		
									39 26 30				
									45 24 25				

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ID h. m.	HELWÂN 8 h. 45 m.	MINYA h. m.	ASYÛT 7 h. m.	Balloon 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. 15 m.	KAREIMA 7 h. m.	KHARTÛM 6 h. m.
			02 18 40		02 33 10	00 37 10	02 33 20	03 03 20	06 36 45	03 01 35	09 36 50
			05 25 45		05 32 25	06 31 10	05 35 25	06 02 35	09 06 70	06 01 60	15 36 40
			08 29 25		10 33 35	09 31 20	10 34 20	09 01 30	15 34 25	09 02 35	21 28 20
			10 28 30		15 32 45	12 31 30	15 32 40	15 33 35	21 27 20	15 33 30	24 27 15
			14 26 35			15 30 25	20 31 35	21 34 35	24 28 15	21 28 30	30 24 20
						18 31 20	25 30 25	24 32 35		24 27 50	33 23 15
						21 32 35	30 30 35	30 29 70		30 28 95	39 22 15
						30 30 30		33 27 70		33 27 85	45 23 10
						39 31 30		39 28 65			

KASSALA 6 h. 45 m.	PORT SÛDÂN 7 h. 15 m.	EL OBEID h. m.	EL FÂSHER 7 h. m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
06 35 05	03 36 30		09 01 05	09 05 35	06 03 45
09 01 10	06 01 20		15 05 30	15 07 60	09 03 75
15 04 15	09 36 10		24 29 15	21 07 10	15 03 85
21 01 05	15 34 05			24 03 10	21 05 30
24 31 15	21 19 10			30 36 40	
30 30 15	24 20 10			33 33 05	
33 26 05				39 31 10	
39 26 15					
45 26 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 23rd	Diff from normal	WET BULB TEMP °C on 23rd	Diff from normal	Previous day: Reading	Diff from normal
Alexandria	73	+8	15.7	-0.3		
Ezbekiya	80	+12	16.0	+1.4		
Giza	75	+3	16.5	+1.9		
Helwân	79	+22	15.1	+1.2		

GÎZA — GRASS MINIMUM TEMP. ON 24th 8.8 °C

CAIRO — WATER TEMP AT 9h; RIVER NILE ON.. °C

GAUGE	Date 1947	Reading m	Diff from normal m	Previous day Reading m	Diff from normal m
Jûba	24-11-47				
Nâsser					
Malakâl		12.45	+0.16	12.45	+0.15
J. Aulia Res.				377.11	—
J. Aulia D.S				372.26	-0.29
Roseires		14.14	+0.48	14.14	+0.44
Sennar Res.				11.68	-0.34
Khartûm					
Kh. el Girba					
'Atbara		11.21	-0.12	11.26	-0.11
Kajnarti				134.88	-0.77
Aswân Res.		120.66	—	120.58	—
Aswân D.S		86.10	-0.48	86.09	-0.49
Roda (Cairo)		16.56	-0.11	16.58	-0.13

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	24-11	1504	2268
	23-11	1504	2344

UPPER AIR TEMP — ALMÂZA

AT GMT ON

HEIGHT FEET	PPP mb	TT °C	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 24th

34723 01972 28202 10131 10300 03121
34823 01963 20214 10131 05400 00100

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 06 50
Sunset 16 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

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	01	5	30	3	6	4	8	12.3	20.2	71	tr	01	8	24	1	1	3	8	13.1	16.6	85	0	131
MARIUT	02	7	24	2	3	6	9,4,5	11	21	65	tr	00	7	28	2	2	0	–	12	18	68	0	150
ALEXANDRIA	02	9	24	2	6	5	9	11.0	19.6	64	2	01	6	28	4	5	4	4	12.2	18.8	64	dr	132
DAMIETTA	01	8	24	2	1	3	8	10.0	20.8	65	0	01	7	20	1	1	4	8	11.4	16.5	74	0	159
PORT SAʿÎD	01	7	25	4	0	4	9,1	10	21	61	0	01	7	24	3	1	3	6	11	18	83	0	134
EL ʿARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	24	3	6	5	8	4.5	19.8	76	1	00	6	24	2	6	0	–	11.7	14.8	81	2	136
MANṢÛRA	50	7	20	1	5	5	6	10.6	21.0	65	dr	00	6	04	1	5	0	–	12.2	15.6	87	dr	137
ṬANṬA	02	7	20	2	5	7	8	11.9	19.5	86	dr	01	8	20	1	2	4	8	13.2	14.8	88	0	138
ZAGAZIG	02	6	22	2	2	5	8	11.1		76	0	00	6	32	2	0	0	–	12.6	15.4	86	0	139
SHEBÎN EL KÔM	50	7	28	2	2	5	9	12.2	18.9	76	dr	00	7	28	2	1	2	8	13.2	15.9	88	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	02	8	21	3	2	7	9,4	11.6	18.9	77	0	03	7	24	1	2	8	8	12.8	18.2	81	0	141
CAIRO EZBEKÎYA	03	7	00	0	5	8	9	12.0	19.3	77	tr	03	6	00	0	2	7	6	12.7	18.0	78	0	—
CAIRO GÎZA	03	7	00	0	5	8	9	12.4	19.6	76	dr	03	6	00	0	2	8	6	13.1	16.8	80	0	—
ḤELWÂN	03	8	16	1	5	8	7	12.0	18.0	68	dr	03	7	00	0	2	8	6	13.4	17.1	79	0	143
SUEZ	05	9	00	0	2	5	6		21.4	59	0	03	9	00	0	2	8	6		19.4	63	0	144
UPPER EGYPT																							
FAIYÛM	01	8	26	2	1	4	6	11.6	22.0	43	0	03	8	30	1	2	8	6	12.3	18.1	66	0	153
MINYA																							154
ASYÛṬ	01	8	28	1	1	4	8	12.8	22.0	47	0	01	6	26	1	1	4	6	14.7	18.0	62	0	155
NAGʿ ḤAMÂDI	00	8	24	2	0	0	–	12.0	23.0	43	0	00	8	20	1	0	0	–	14.0	16.7	63	0	164
QENA	01	8	24	3	1	4	4	10.7	23.0	41	0	01	8	24	2	1	4	4	13.1	17.6	61	0	156
LUXOR	02	9	24	4	2	5	3	11.2	24.0	39	0	01	8	22	2	1	3	3	13.0	18.0	57	0	157
ASWÂN	02	9	30	2	1	6	6	11.4	23.4	48	0	00	9	28	2	0	0	–	13.9	20.3	52	0	158
WESTERN DESERT																							
SÎWA	00	8	28	2	0	0	–	15.8	22.8	55	0	00		00	0	0	0	–	16.3	16.0	71	0	148
BAHARÎYA	01	8	24	1	1	4	8	18.1	20.5	52	0	00	7	24	2	0	0	–	14.0	16.0	66	0	149
KHÂRGA	01	9	00	0	1	4	6		23.6	42	0	00	9	00	0	0	0	–	–	17.5	52	0	151
DAKHLA	01	9	28	3	1	4	5	13.1	21.3	68	0	01	8	28	1	1	4	5	14.7	19.3	74	0	152
RED SEA																							
ṬÔR	00	9	28	4	0	0	–	11.6	23.2	38	0	00	9	28	4	0	0	–	11.2	21.2	50	0	145
HURGHÂDA	01	9	02	3	0	3	8	10	24	69	0	00											146
QUṢEIR	02	8	26	2	2	5	5	9.2	23.6	66	0	01	8	28	2	2	5	0	10.8	21.9	50	0	147
PORT SÛDÂN	00	8	02	5	1	3	8,1	6	28	70													208
NORTH SÛDÂN																							
WÂDI ḤALFA																							165
KAREIMA																							166
ʿAṬBARA	26	6	32	4	3	7	2	9	28	19													167
KHARTÛM	02	8	32	2	1	6	2	9	29	17													209
KASSALA	00	8	30	3	0	3	1	4	24	20													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	28	4	1	3	1	5	37	13													171
RENK	02	8		2	1	7	3		36	37													182
ROSEIRES	00	8	04	3	1	0	–	5	34	19													172
EL OBEID	01	8	30	3	0	2	2	6	30	13													174
EL FÂSHER	02	9	32	2	1	5	2	=	32	19									—				175
GENEINA	02	8	32	3	1	5	2	=	31	11									—				179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	00	8	04	3	0	2	4	5	34	16													176
WÂU	00	8	04	2	1	1	4	4	31	29													177
JUBA																							[illegible]

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 °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												—		—				16
MATRÛH	00	9	22	2	0	0	–	14.0	-3.8	15.8	21	-1	14	0	86	tr	—	35
MARIUT	81	7	21	1	8	5	9	13		17	22	—	16	—	94	2	22	28
ALEXANDRIA	02	9	20	2	6	5	9	13.6	-4.7	17.4	21	-2	15	0	86	3	67	24
DAMIETTA	01	8	22	1	1	3	6	14.0	-5.7	16.0	22	—	14	—	89	0	10	18
PORT SAʿÎD	00	7	24	4	0	2	9,4	14		17	22		15		77	0	3	13
EL ʿARÎSH																	tr	15
LOWER EGYPT																		
DAMANHÛR	02	6	24	3	6	5	8	13.6	-4.7	15.8	21	-3	13	+1	89	4	15	13
MANṢÛRA	01	7	20	1	1	4	6	13.6	-4.0	16.2	22	-3	12	-1	89	dr	8	8
ṬANṬA	02	7	00	0	2	5	7	15.0	-3.4	16.0	21	-4	11	0	89	dr	tr	7
ZAGAZIG	50	6	16	2	6	8	7	14.4	-3.7	14.2	22	-3	12	+1	100	dr	2	5
SHEBÎN EL KÔM	01	7	18	1	1	4	8	14.4	-3.7	15.2	22	—	12	—	88	dr	1	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	18	2	2	7	8	14.7	-3.2	15.7	20	—	14	—	88	0	2	—
CAIRO EZBEKÎYA	08	4	00	0	4	5	8	15.0	-2.9	15.5	20	-5	14	+1	89	tr	14	3
CAIRO GÎZA	08	4	00	0	4	5	8	15.2	-2.8	15.2	21	-3	12	+1	92	dr	19	5
ḤELWÂN	09	6	12	1	1	5	6	15.1	-3.4	14.9	19	-5	12	-1	88	dr	9	3
SUEZ	01	9	06	1	1	3	2			16.6	24	-1	13	-1	71	0	2	5
UPPER EGYPT																		
FAIYÛM	01	7	00	0	1	3	6	15.5	-2.7	17.5	23	-2	13	+2	70	0	4	0
MINYA																	0	—
ASYÛṬ																	0	1
NAGʿ ḤAMÂDI	00	8	00	0	0	0	–	14.8	-2.1	15.9		—		—	65	0	0	—
QENA	00	7	24	2	0	0	–	15.2	-2.0	14.8	25	-3	11	-1	63	0	0	—
LUXOR	00	9	10	2	0	2		14.7	-2.1	17.0	25	-4	9	-2	58	0	0	—
ASWÂN	00	9	00	0	2	0	–	14.8	-2.1	16.8	25	-4	12	-3	63	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	16.2	-3.1	13.0	23	-1	9	+1	81	0	0	1
BAHARÎYA	00	8	16	1	0	0	–	15.9	-3.0	13.4	22	-2	9	-1	73	0	dr	2
KHÂRGA	00	9	00	0	0	0	–	–	–	15.0	25	-2	9	-2	64	0	0	—
DÂKHLA	00	8	24	1	0	0	–	16.6	-2.0	14.0	22	-4	12	+2	80	0	0	—
RED SEA																		
ṬÔR	00	9	04	1	0	0	–	13.4	-2.9	20.5			15	+2	51	0	0	3
HURGHÂDA	00	9	27	2	0	0	–	14		20	24		15		56	0	0	2
QUṢEIR	00	8	26	2	0	2	4	13.5	-2.7	20.2	27	0	17	-2	56	0	0	2
PORT SÛDÂN	01	9	28	2	0	4	4	12		26			19		40	0	22	49
NORTH SÛDÂN																		
WÂDI ḤALFA																0	0	—
KAREIMA																0	0	1
ʿAṬBARA	00	7	32	3	0	0	–	15		19			14		43	0	dr	2
KHARTÛM	00	8	32	3	0	0	–	14		19			16		40	0	dr	4
KASSALA	00	8	32	3	1	3	2	11		21			13		28	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	7	32	5	1	3	1	12		21					28	0	7	12
RENK	00	9	04	3	1	4	1	13		26		—		—	42	—	—	48
ROSEIRES	00	8	28	1	0	0	–	11		18			—		73	0	33	35
EL OBEID	02	8	32	6	1	5	2	17		26			16		18	0	1	16
EL FÂSHER	02	9	32	2	1	6	2	—	—	16			13		42	0	0	6
GENEINA	01	8	02	3	1	4	4,2	—	—	23		—	19	—	26	=	=	4
KADUGLI	01	8	04	2	1	5	1	13		22		—		—	44	—	=	38
S. SÛDÂN																		
MALAKÂL	02	8	02	5	1	5	4	11		24			12		34	0	53	85
WÂU	00	8	02	2	0	3	1	9		23			17		50	0	48	141
JUBA																	25	122

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, Almâza, Minya, Luxor, Hurghâda, Wâdi Halfa, Kareima, Khartûm, Kassala (h. m.): no entries.

El Obeid (13 h.)	Malakal (13 h.)	Juba (13 h.)
00 35 10	06 06 25	06 32 05
09 36 20	09 05 20	09 31 05
15 02 15	15 06 25	15 03 10
21 27 20	21 07 20	21 13 10
30 07 05	30 13 15	30 32 15
32 07 05	39 07 10	39 08 10

UPPER WINDS ON 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh, Mariut, Port Saʿîd, Asyûṭ, Wâdi Halfa, Abu Hamad, Kareima, Khartûm (h. m.): no entries.

Helwân (8 h. 30 m.)	Almaza (7 h.)	Luxor (7 h. 15 m.)	Aswân (7 h.)
02 17 15	00 26 05	03 33 15	05 35 20
05 25 20	03 30 15	06 33 25	10 35 25
09 28 15	09 30 25	09 34 35	15 36 25
10 27 20	15 30 25	12 35 25	20 32 20
15 32 15	18 29 20	15 32 15	25 33 20
20 33 10	21 31 20	18 33 20	30 34 25
	27 34 30	21 32 15	
	30 35 30		
	36 34 40		

Kassala (6 h. 45 m.)	Port Sûdân (7 h.)	El Obeid (7 h. 30 m.)	El Fâsher (7 h. 15 m.)	Geneina (7 h. 15 m.)	Malakal (h. m.)
06 36 20	03 33 25	06 05 35	09 01 20	09 05 35	
15 33 20	06 36 20	09 02 55	15 04 20	15 07 40	
21 02 30	09 36 15	15 03 20	21 06 35	21 05 10	
30 21 10	15 30 10	21 06 30	30 21 05	30 26 05	
	21 30 10	30 05 20	36 19 10	33 01 10	
	33 20 15	39 24 15			
	39 17 10				

Upper Air Temp — Almâza

AT ... G.M.T. ON ...

Height (feet)	P.P.P (mb)	T.T (°F)	tt (°F)
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 25th

34710 01782 28302 44120 92307 00115
34920 01962 13102 44120 90605 00100

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	1947	1946
25-11	1504	2178
24-11	1504	2268

Station	Mean of day Humidity % on 24th	Diff from normal	Wet Bulb Temp °C on 24th	Diff from normal
Alexandria	75	+10	15.2	+0.6
Ezbekiya	73	+5	15.2	+0.8
Giza	78	+6	15.0	+0.6
Helwân	80	+23	14.1	+0.4

GÎZA — GRASS MINIMUM TEMP ON 25th 9.1 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON ... °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	25-11			13.57	-0.03
Nâṣser				10.78	+0.56
Malakâl		12.45	+0.16	12.45	+0.16
J. Aulia Res				377.10	–
J. Aulia D S				372.25	-0.28
Roṣeires		14.22	+0.59	14.14	+0.48
Sennar Res.				20.14	–
Kharṭûm				11.66	-0.32
Kh. el Girba					
ʿAtbara		11.20	-0.10	11.21	-0.12
Kajnarti				134.85	-0.73
Aswân Res.		120.72	–	120.66	–
Aswân D.S		86.10	-0.48	86.10	-0.48
Roda (Cairo)		16.54	-0.09	16.56	-0.11

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

Cairo Time of Sunrise h. 06 m. 21
Sunset h. 16 m. 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month NOVEMBER 1947 — شهر نوفمبر ١٩٤٧

1417 F.O.

At 14h. on TUESDAY 25 (الساعة ١٤ يوم الثلاثاء ٢٥) and At 20h. on 25th (الساعة ٢٠ يوم الثلاثاء ٢٥)

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	24	3	0	3	8	11.6	21.7	62	0	02	8	18	2	2	7	8	11.2	18.7	75	0	131
	MARIUT	01	7	28	3	1	4	8,4		21	74	0	00	7	21	1	1	0	-	12	17	83	0	150
	ALEXANDRIA	01	9	20	3	2	4	8	12.2	20.0	78	0	00	6	00	0	0	0	-	12.6	18.0	71	0	132
	DAMIETTA	01	8	20	1	1	4	6	12.0	21.8	63	0	01	7	10	1	1	4	6	12.7	16.0	91	0	159
	PORT SAʿÎD	01	8	25	3	0	3	9	13.0	22	53	0	00	7	21	2	0	0	0		19	73	0	134
	EL ʿARÎSH																							135
LOWER EGYPT	DAMANHÛR	01	7	24	3	5	5	8	12.8	22.3	58	tr	00	6	24	2	1	0	-	12.8	15.2	87	0	136
	MANṢÛRA	01	8	20	1	1	4	8	12.4	21.5	62	0	00	6	08	1	1	0	-	13.5	16.4	79	0	137
	ṬANṬA	01	8	00	0	1	4	8	13.1	22.0	58	0												138
	ZAGAZIG	02	6	20	2	5	5	8	12.7	21.6	64	tr	00	6	32	2	0	0	-	13.2	16.8	83	0	139
	SHEBÎN EL KÔM	01	8	22	3	1	4	8	13.2	22.6	55	0	00	7	22	1	1	2	8	14.2	18.2	73	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	22	2	1	4	8	12.5	22.2	63	0	00	7	14	2	0	2	6	13.6	18.0	78	0	141
	CAIRO EZBEKÎYA	01	8	00	0	1	3	8	12.8	22.6	50	0	00	7	16	1	0	0	-	13.8	17.4	76	0	—
	CAIRO GÎZA	01	8	00	0	1	3	8	13.0	24.0	47	0	00	7	16	1	0	0	-	14.0	16.2	81	0	—
	ḤELWÂN	01	9	00	0	1	5	8	13.1	20.3	60	0	00	7	16	1	0	0	-	14.0	17.8	65	0	143
	SUEZ	02	9	06	1	2	5	5		21.8	60	0	01	9	00	0	1	3	3		18.0	78	0	144
UPPER EGYPT	FAIYÛM	01	8	26	2	1	4	8	12.7	22.0	47	0	03	8	02	1	2	8	6	13.1	19.2	70	0	153
	MINYA																							154
	ASYÛṬ	00	8	28	1	0	0	-	13.6	22.5	48	0	00	6	26	1	0	0	-	14.8	16.5	70	0	155
	NAGʿ ḤAMÂDI	00	8	24	1	0	0	-	12.6	24.2	45	0	00	8	32	1	0	0	-	14.3	15.8	77	0	164
	QENA	00	9	24	2	0	0	-	11.8	23.0	60	0	00	6	24	2	0	0	-	13.4	18.4	65	0	156
	LUXOR	00	9	30	3	0	0	-	12.6	25.0	37	0	00	8	22	2	0	0	-	14.4	16.5	69	0	157
	ASWÂN	00	9	30	1	0	0	-	12.3	23.7	34	0	00	9	00	0	0	0	-	13.8	20.4	47	0	158
WESTERN DESERT	SÎWA	00	8	28	3	0	0	-	14.3	23.9	58	0	22	5	00	0	0	0	-	13.2	17.2	75	0	148
	BAHARÎYA	01	8	28	1	1	3	8	13.8	22.9	46	0	00	7	00	0	0	0	-	14.6	15.3	75	0	149
	KHÂRGA	00	9	00	0	0	0	-		23.0	26	0	03	9	00	0	2	6	8		20.1	47	0	151
	DAKHLA	01	9	28	1	1	4	5	13.6	22.7	66	0	00	8	00	0	0	0	-	15.0	18.7	69	0	152
RED SEA	ṬÔR																							145
	HURGHÂDA	00	9	02	4	0	0	-	12	22	74	0	00	9	23	1	0	0	0	14	19	73	0	146
	QUṢEIR	01	8	22	2	1	3	4	12.4	23.6	62	0	00	8	32	2	0	0	-	13.1	21.0	70	0	147
	PORT SÛDÂN	00	8	06	4	0	0	0	8	28	45													208
NORTH SÛDÂN	WÂDI ḤALFA	00	8	32	2	0	0	0	13	25	17	0												165
	KAREIMA	00	9	02	3	0	0	0	12	26	23	0												166
	ʿAṬBARA	00	7	32	3	0	0	0	10	26	27													167
	KHARTÛM	00	8	02	4	0	0	0	10	27	28													209
	KASSALA	00	8	28	2	0	0	0	6	31	16													170
CENTRAL SÛDÂN	WAD MEDANI	00	8	32	4	1	0	0	8	29	17													171
	RENK	00	9	32	3	0	0	0	8	29	52													182
	ROSEIRES	00	8	04	3	0	0	0	6	32	17													172
	EL OBEID	01	8	32	4	1	4	1	8	27	17													174
	EL FÂSHER	01	8	08	2	1	4	1	—	26	28									—				175
	GENEINA	00	8	04	3	1	0	0	—	27	22									—				179
	KADUGLI	01	8	04	3	1	4	1	7	32	21													187
S. SÛDÂN	MALAKÂL	14	7	02	4	1	5	2	5	31	19													176
	WÂU	00	8	04	3	0	2	1	2	34	18													177
	JUBA	02	8	02	1	1	8	8,2	1	37	25													173

At 8h. on WEDNESDAY 26 (الساعة ٨ يوم الأربعاء ٢٦)

	STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temp. Dry Bulb °C TTT	Maximum 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												—		—				
	MATRÛH	00	9	20	3	0	0	-	131	-4.8	15.7	22	0	14	+1	83	0	—	36
	MARIUT	00	8	20	3	0	3	4,1	14		16	22	—	14	—	77	0	22	29
	ALEXANDRIA	01	9	18	2	2	4	4	14.2	-4.1	16.9	22	-1	15	0	69	0	67	35
	DAMIETTA	01	8	16	1	1	3	6	14.7	-2.5	15.5	23	—	11	—	78	0	10	19
	PORT SAʿÎD	05	6	19	3	0	2	1	15		18	22		16		73	0	6	13
	EL ʿARÎSH																	dr	15
LOWER EGYPT	DAMANHÛR	01	6	24	3	1	3	6	14.4	-3.9	14.8	24	0	12	0	78	tr	15	14
	MANṢÛRA	01	8	12	1	1	4	6	15.1	-2.6	15.0	23	-2	12	-1	78	0	8	8
	ṬANṬA																	tr	7
	ZAGAZIG	01	6	12	2	0	4	8	16.0	-2.1	15.6	24	0	13	+2	77	tr	3	6
	SHEBÎN EL KÔM	01	8	18	2	0	3	8	15.5	-2.7	14.2	25	—	13	—	79	0	1	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	14	3	0	3	1	15.4	-2.5	17.0	23	—	14	—	72	0	2	—
	CAIRO EZBEKÎYA	00	6	12	1	0	0	-	15.9	-2.1	15.9	24	0	14	+1	73	0	14	3
	CAIRO GÎZA	00	6	12	1	0	0	-	16.7	-1.3	15.6	26	+2	11	0	79	0	19	5
	ḤELWÂN	00	7	12	1	0	2	1	16.3	-2.2	16.3	22	-2	14	+1	64	0	9	3
	SUEZ	00	9	00	0	0	0	-			15.8	22	-3	12	-2	77	0	2	5
UPPER EGYPT	FAIYÛM	01	8	00	0	1	3	6	16.6	-1.7	16.0	24	-1	12	+1	66	0	4	0
	MINYA																	0	—
	ASYÛṬ	00	7	00	0	0	0	-	17.2	-1.1	15.8	24	-1	11	0	72	0	0	1
	NAGʿ ḤAMÂDI	00	8	00	0	0	0	-	17.0	0.0	16.2		—		—	64	0	0	—
	QENA	00	7	32	2	0	0	-	16.8	-0.5	15.4	24	-4	11	-1	68	0	0	—
	LUXOR	00	9	06	1	0	0	-	16.4	-0.4	17.5	26	-3	9	-1	57	0	0	—
	ASWÂN	00	9	00	0	0	0	-	16.7	-0.3	18.0	24	-5	13	-2	62	0	0	—
WESTERN DESERT	SÎWA	00	7	04	0	0	0	-	15.4	-3.9	14.6	24	0	9	+1	80	0	0	1
	BAHARÎYA	01	8	00	0	0	3	8	15.9	-3.1	15.5	24	-1	8	-2	65	0	tr	2
	KHÂRGA	00	9	00	0	0	0	-			15.6	24	-3	10	-1	67	0	0	—
	DÂKHLA	00	8	00	0	0	0	-	17.0	-1.6	12.8	24	-2	8	-2	77	0	0	—
RED SEA	ṬÔR	00	9	32	2	0	0	-	15.8	-0.6	17.0			12	-1	57	0	0	3
	HURGHÂDA	00	9	26	2	0	0	-	16		18	22		12		52	0	0	2
	QUSEIR	00	8	32	2	0	0	-	15.4	-0.9	20.6	24	-2	17	-1	65	0	0	3
	PORT SÛDÂN	01	8	30	4	1	4	8	13		24			21		61	0	32	50
NORTH SÛDÂN	WÂDI ḤALFA	00	8	04	2	0	0	-	16.0		16					48	0	0	—
	KAREIMA	00	9	06	3	0	0	-	15		18					46	0	0	1
	ʿAṬBARA	00	7	32	3	0	0	-	13		18			14		52	0	dr	2
	KHARTÛM	00	7	02	3	0	0	-	14		18			13		32	0	dr	4
	KASSALA	00	8	00	0	0	0	-	10		22			11		38	0	dr	8
CENTRAL SÛDÂN	WAD MEDANI	00	8	02	4	0	0	-			21					28	0	7	12
	RENK	00	9	32	3	0	0		10		22		—		—	31	—	—	48
	ROSEIRES	00	8	28	1	0	0		9		23					29	0	33	36
	EL OBEID	00	8	32	5	0	0	1	12		18			13		30	0	1	16
	EL FÂSHER	03	8	32	2	1	8	4,2	—	—	14			11		48	0	0	6
	GENEINA	01	8	02	3	0	4	2	—	—	16		—	14	—	42	—	—	4
	KADUGLI	00	8	04	3	0	0	-	11		22		—		—	36	—	—	88
S. SÛDÂN	MALAKÂL	01	8	02	4	1	4	8,41	9		22			17		69	0	53	86
	WÂU	01	8	02	3	1	4	1	9		21			18		50	0	48	141
	JUBA	02	8	02	1	1	8	4,2	8		26			22		40	0	25	122

UPPER WINDS ON 25 (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 h. m.	PORT SAʿÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. 30m.	KAREIMA 13h. 0m.	KHARTŪM 13h. 0m.	KASSALA 13h. 0m.	EL OBEID 13h. 0m.	MALAKAL 13h. 0m.	JUBA 13h. 0m.
							09 36 13	09 36 20	09 36 36	09 31 05	09 05 30	09 04 30	09 09 15
							15 34 15	15 01 30	15 35 40	15 24 30	15 04 26	15 05 10	15 07 15
							21 35 10	21 35 30	21 03 20	21 26 30	21 28 20	21 09 05	21 09 20
							24 36 36	24 33 30	30 11 15	30 26 30	24 28 10	24 07 65	24 11 20
							30 34 25	30 30 35	33 12 20				27 13 30
							33 33 15	36 29 35	54 14 20				
							39 34 30	39 29 35					
							46 33 40	46 27 30					
							60 32 36	60 31 35					

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 8h. 0m.	MARIUT h. m.	ALMAZA 7h. 0m.	HELWÂN 8h. 45m.	MINYA h. m.	ASYÛṬ 7h. 0m.	LUXOR h. m.	ASWÂN 7h. 0m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARṬŪM h. m.
03 26 50		03 25 15	02 16 15		02 06 2		05 04 20				
06 20 45		06 26 20	05 20 15		05 27 1		10 07 10				
09 28 55		09 29 20	10 23 20		10 31 05		15 20 15				
		15 28 20	20 27 20		15 32 05		20 26 05				
		21 28 15	25 23 20				25 05 10				
		30 24 15	30 20 25								
		39 24 30	40 24 35								
		51 23 30	50 23 36								
		57 22 35	60 22 50								

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

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			

CYPRUS SYNOPTIC 8h ON 26th
39760 01962 x5205 12171 60300 00121
34880 51865 06455 12171 30201 97100

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	Humidity Diff from normal	Wet Bulb Temp °C on 25th	Wet Bulb Diff from normal
Alexandria	75	+10	16.2	+0.6
Ezbekiya	76	+7	15.3	+1.1
Giza	80	+2	15.4	+1.1
Helwân	71	+14	14.6	+1.1

GÎZA — GRASS MINIMUM TEMP. ON 26th 8.9 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON .... °C

Discharges at Aswân measured by sluices m³ per sec. — DATE	1947	1946
26.11.	1563	2115
25.11.	1604	2178

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26.11.1947			13.57	-0.02
Nâṣser				10.76	+0.58
Malakâl		12.45	+0.16	12.45	+0.16
J. Aulia Res.				377.09	—
J. Aulia D.S				372.25	-0.26
Roseires				14.22	+0.54
Sennar Res.				20.22	—
Kharṭûm				11.60	-0.34
Kh. el Girba					
ʿAtbara				11.20	-0.10
Kajnarti				134.84	-0.68
Aswân Res.		120.79	—	120.72	—
Aswân D.S		86.16	-2.42	86.10	-2.43
Roda (Cairo)		16.51	-0.08	16.56	-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 or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick ,, ,, ,, ,, 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
,, of Snow 83, 84
,, of Sleet 85, 86
,, of Hail 88, 89
Thunderstorm 90-99
,, ended, now Rain 91
,, with Hail 94-96
,, with Duststorm 98
,, heavy, with Hail 99

PAST WEATHER (W)
Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)
Objects not visible at
50 metres 0
200 ,, 1
500 ,, 2
1 Kilometre 3
2 ,, 4
4 ,, 5
10 ,, 6
20 ,, 7
50 ,, 8
Visible over 50 kms. 9

CLOUD 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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month November 1947

1417 F.O.

At 14h. on Wednesday 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)	°C (TTT)	% Humidity (UU)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	24	3	1	4	1	12.4	22.2	72	0	131
MARIUT	00	7	22	4	0	1	8					150
ALEXANDRIA	01	9	20	3	2	3	8	13.8	21.9	57	0	132
DAMIETTA	01	8	14	3	1	4	8	13.9	23.2	53	0	159
PORT SA'ÎD	00	8	22	2	0	2	8,1		23	47	0	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	01	7	28	3	1	3	8	14.2	23.8	42	0	136
MANSÛRA	01	8	20	2	1	4	8	14.3	22.2	53	0	137
TANTA	01	8	20	1	1	4	8	14.7	23.0	48	0	138
ZAGAZIG	01	6	16	3	1	4	8	15.4	22.4	65	0	139
SHEBÎN EL KÔM	01	8	22	3	1	3	8	14.7	24.9	43	0	
MIDDLE EGYPT												
CAIRO (ALMÂZA	01	8	18	3	0	4	8	14	24	54	0	141
CAIRO (EZBEKÎYA	01	8	18	2	1	2	8	14.7	24.0	46	0	
CAIRO (GÎZA	01	8	18	2	1	3	8	15.1	23.8	47	0	
HELWÂN	00	8	20	2	0	2	8	15.0	21.7	48	0	143
SUEZ	00	9	14	1	0	0	–		24.0	46	0	144
UPPER EGYPT												
FAIYÛM	01	8	22	2	1	4	8	15.0	24.0	39	0	153
MINYA												154
ASYÛT	00	8	28	1	0	0	–	15.4	23.3	43	0	155
NAG' HAMÂDI	00	8	32	1	0	0	–	14.6	25.4	41	0	164
QENA	00	9	24	2	0	0	–	14.2	28.2	49	0	156
LUXOR	00	9	30	2	0	0	–	14.0	25.6	39	0	157
ASWÂN	00	9	30	1	0	0	–	12.7	25.4	32	0	158
WESTERN DESERT												
SÎWA	00	8	20	3	0	0	–	15.1	23.8	40	0	148
BAHARÎYA	01	8	24	1	1	4	8	14.8	24.7	41	0	149
KHÂRGA	00	9	03	1	0	0	–		23.8	42	0	151
DAKHLA	00	8	04	1	0	0	–	13.8	24.7	54	0	152
RED SEA												
TÔR	00	9	00	0	0	0	–		19.2	55	0	145
HURGHÂDA	00	9	00	0	0	0	–	14	23	61	0	146
QUSEIR	00	8	04	2	0	0	–	14.4	23.6	74	0	147
PORT SÛDÂN	62	6	02	3	8	6	6,4	11	23	84	R	208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA												166
'ATBARA	00	7	00	2	0	0	–	8	28	12		167
KHARTÛM	00	8	02	3	0	0	–	8	28	12		209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	22	4	0	0	–	6	31	17		171
RENK	00	9	00	2	0	0	–		27	66		182
ROSEIRES	00	8	22	1	0	0	–	6	31	33		172
EL OBEID	00	8	02	4	0	1	1	7	27	12		174
EL FÂSHER	00	8	00	2	1	3	1	—	27	27		175
GENEINA								—				179
KADUGLI	00	8	04	2	0	0	–	7	33	23		187
S. SÛDÂN												
MALAKÂL												176
WÂU	02	8	06	2	1	6	4	4	33	18		177
JUBA												173

At 20h. on 26th — الساعة ٢٠ يوم الاربعاء 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 (TTT)	% Humidity (UU)	Rain 14-20 mms
SALÛM											
MATRÛH	01	8	18	1	1	4	4	13.5	18.3	78	0
MARIUT	00	7	00	0	0	1	1	15	16	88	3
ALEXANDRIA	01	6	12	1	2	3	1	15.1	17.7	73	0
DAMIETTA	00	7	14	1	0	0	–	15.4	15.8	87	0
PORT SA'ÎD	00	7	18	2	0	0	–	16	19	73	0
EL 'ARÎSH											
DAMANHÛR	00	5	24	2	1	0	–	15.3	16.0	78	0
MANSÛRA	00	6	28	1	1	0	–	15.6	15.6	83	0
TANTA	01	8	00	0	1	4	8	15.9	15.8	80	0
ZAGAZIG	00	6	32	2	0	0	–	14.8	13.4	82	0
SHEBÎN EL KÔM	00	7	22	1	0	0	–	15.4	16.9	73	0
CAIRO (ALMÂZA	00	7	14	3	0	0	–	15.3	18.8	70	0
CAIRO (EZBEKÎYA	00	7	12	2	0	0	–	15.8	18.2	64	0
CAIRO (GÎZA	00	7	12	2	0	0	–	15.8	16.7	69	0
HELWÂN	00	7	12	2	0	1	4	15.9	17.0	54	0
SUEZ	00	7							18.2	75	0
FAIYÛM	01	8	00	0	1	4	8	15.4	18.1	67	0
MINYA											
ASYÛT	00	6	22	1	0	0	–	16.2	16.3	61	0
NAG' HAMÂDI	00	8	00	0	0	0	–	16.0	15.4	85	0
QENA	00	6	24	2	0	0	–	15.8	17.8	63	0
LUXOR	00	8	22	2	0	0	–	15.1	17.0	66	0
ASWÂN	00	9	00	0	0	0	–	14.4	21.0	47	0
SÎWA	00		00	0	0	0	–	15.9	15.3	65	0
BAHARÎYA	01	7	00	0	1	4	5	15.4	17.0	61	0
KHÂRGA	00	9	00	0	0	0	–	–	20.0	43	0
DAKHLA	00	8	00	0	0	0	–	14.7	19.0	65	0
TÔR											
HURGHÂDA	00	7	04	0	0	0	–	16	18	73	0
QUSEIR	00	8	04	2	0	0	–	15.0	22.0	72	0
PORT SÛDÂN											
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 26th — الرياح العليا يوم ٢٦

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
								12 h. 46m.	13 h. 15m.	13 h. m.	13 h. m.		
								03 05 20	06 02 20	06 03 04	06 05 20		
								06 05 45	09 02 20	09 01 05	09 03 35		
								12 05 20	15 03 25	15 21 05	15 03 25		
								15 00 40	21 10 05	21 23 05	21 21 20		
								21 07 15	24 10 10	24 20 20	24 23 20		
								24 28 05	30 00 15		30 26 25		
								30 25 20	33 05 15		39 22 40		
								33 27 40			45 23 45		
											60 26 20		

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	27-11	1623	2341
	26-11	1562	2115

STATION	Mean of day: Humidity % on 26th	Humidity Diff from normal	Wet Bulb Temp °C on 26th	Wet Bulb Temp Diff from normal
Alexandria	67	+2	15.2	-0.2
Ezbekiya	62	-7	14.7	+0.7
Giza	67	-5	14.8	+0.7
Helwân	54	-3	14.1	+0.7

GÎZA — GRASS MINIMUM TEMP. ON 27th 7.8°C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day: Reading m.	Previous day: Diff from normal m.
Jûba				13.67	-0.02
Nâsser				12.75	+0.61
Malakâl	11	12.45	+0.16	12.45	+0.16
J. Aulia Res.				327.06	–
J. Aulia D.S.				322.23	-0.26
Roseires		14.14	+0.59	14.19	+0.61
Sennar Res.	1			20.30	–
Khartûm				11.50	-0.32
Kh. el Girba					
'Atbara	7	11.15	-0.11	11.18	-0.10
Kajnarti	7			134.80	-0.65
Aswân Res.		120.81	–	120.79	–
Aswân D.S.		86.35	-0.33	86.16	-0.42
Roda (Cairo)		16.51	-0.04	16.31	-0.08

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on Thursday 27th — الساعة ٨ يوم الخميس ٢٧ — ١٩٤٧ — شهر نوفمبر

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (w)	Cloud Amount (N)	Cloud Form (C)	Car Pressure M.S.L. 1000+ mbs. (PPP)	Car 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
MEDITERRANEAN																		
SALÛM																		18
MATRÛH	00	9	18	2	0	0	–	17.4	-0.5	16.1	23	+1	14	+1	75	0	46	36
MARIUT	01	7	18	1	1	4	1	18		15	23	—	12	—	82	3	25	30
ALEXANDRIA	01	9	12	2	2	4	4	17.6	-0.7	16.7	22	-1	15	0	63	0	47	35
DAMIETTA	01	8	14	1	1	4	6	17.8	+0.6	15.4	24	—	11	—	92	0	10	19
PORT SA'ÎD	05	6	16	1	1	5	4,5	17		17	24		14		77	0	1	14
EL 'ARÎSH																	dr	15
LOWER EGYPT																		
DAMANHÛR	01		20	2	1	4	4	17.9	-0.5	15.2	24	0	13	+1	72	0	15	14
MANSÛRA	01	8	08	1	1	4	8	18.8	+1.1	15.5	25	+1	12	-1	74	0	8	8
TANTA	02	8	12	1	1	5	8	18.2	-0.2	15.6	24	0	11	0	76	0	4	7
ZAGAZIG	02	6	08	2	2	5	8	17.0	+0.8	14.2	25	+1	13	+2	78	0	2	6
SHEBÎN EL KÔM	01	8	12	2	1	4	8	18.6	+0.4	14.9	26	—	13	—	76	0	1	—
MIDDLE EGYPT																		
CAIRO (ALMAZA	01	7	11	1	1	5	4,5	18.5		17.8	24	—	14	—	69	0	2	—
CAIRO (EZBEKÎYA	02	6	00	0	1	5	6	18.6	+0.8	15.8	25	+1	13	0	73	0	14	3
CAIRO (GÎZA	02	6	00	0	1	5	6	18.8	+0.7	16.7	25	+1	11	+1	73	0	19	5
HELWÂN	02	7	08	2	2	6	4	19.0	+0.4	16.5	23	0	14	+1	63	0	7	3
SUEZ	02	9	32	1	2	5	3			15.4	25	+1	11	-3		0	2	5
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	6	6	19.0	+0.6	18.0	25	0	13	+2	62	0	4	0
MINYA																	0	—
ASYÛT																	0	1
NAG' HAMÂDI	01	8	00	0	1	4	4	18.2	+1.2	16.4		—		—	66	0	0	—
QENA	01	7	32	2	0	4	1	17.3	+0.9	15.8	26	-2	11	-1	64	0	0	—
LUXOR	01	9	06	1	1	3	2	18.2	+1.3	17.0	27	-2	10	0	61	0	0	—
ASWÂN	01	9	02	1	1	3	4	17.6	+0.6	17.4	26	-3	14	-1	57	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	18.2	-1.1	14.8	24	0	9	+1	69	0	0	1
BAHARÎYA	03	8	24	2	2	8	4	18.8	-0.3	14.0	25	+1	11	+2	73	0	dr	2
KHÂRGA	02	9	00	0	2	6	8			15.0	25	-2	11	0	78	0	0	—
DAKHLA	02	8	00	0	1	5	5	18.8	+0.1	13.0	25	-1	9	-1	73	0	0	—
RED SEA																		
TÔR																	0	3
HURGHÂDA	00	9	27	2	0	0	–			18	24		14		60	0	0	2
QUSEIR	01	8	26	3	1	3	3	17.2	+0.8	21.2	25	-1	18	0	68	0	0	3
PORT SÛDÂN	01	8	28	4	1	3		13		26			21		62	5	37	52
NORTH SÛDÂN																		
WÂDI HALFA	00	7	00	0	0	0	–	17		15			9		59	0	0	—
KAREIMA	00	9	04	3	0	0	–	15		18			13		30	0	0	1
'ATBARA	00	8	32	2	0	0	–	13		21			14		57	0	dr	2
KHARTÛM	00	8	32	3	0	0	–	12		22			15		25	0	dr	4
KASSALA																	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	02	3	0	0	–	11		25					28	0	7	12
RENK												—		—	—	—	—	48
ROSEIRES	00	8	32	1	0	0	–	11		21					43	0	33	36
EL OBEID	00	8	30	4	0	1	2	12		19			13		26	0	1	16
EL FÂSHER	01	8	32	1	1	3	1	—	—	21			16		47	0	0	6
GENEINA	02	8	32	2	0	5	2	—	—	17		—	14	—	82	0	—	4
KADUGLI	00	8	00	0	0	0	–	12		23		—		—	34	—	—	28
S. SÛDÂN																		
MALAKÂL	01	8	02	4	0	4	1	10		23			18		22	0	53	86
WÂU																0	48	142
JUBA	02	8	32	2	1	6	4	10		27			22		66	0	25	123

Upper Winds are in the Code HHDDVV where HH is Height 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 h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	Bahariya h. m.	ASYÛT h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
6h. 45.		7h. 15m.	8h. 30m.	7h. m.			7h. m.	7h. m.		7h. m.	
03 24 20		03 21 10	05 08 05	03 32 05			02 04 10	07 04 25		07 06 30	
06 22 15		06 19 10	08 11 05	06 33 05			05 07 15	10 05 05		15 10 20	
09 24 15		09 23 05	10 30 05	09 31 05			10 07 20	12 15 10		21 18 05	
12 26 05		12 21 05	15 31 10	12 33 05			15 07 15	20 23 05		30 27 20	
15 24 05		21 18 15	20 17 05	15 31 05			–	33 27 10		33 27 15	
18 26 10		24 22 15	23 10 20	18 33 05				39 31 20		39 27 20	
21 26 05		30 19 25	25 20 25	21 14 10				45 33 20		45 33 35	
24 26 10		36 22 35	30 21 25	24 20 20				60 33 05			
30 30		42 22 40	35 20 05	30 22 20							

KASSALA h. m.	PORT SÛDÂN 7h. m.	EL OBEID 6h. 45m.	EL FÂSHER 7h. m.	GENEINA 7h. 15m.	MALAKAL 7h. 15m.
	09 06 25	09 03 45	09 02 20	09 05 30	09 03 60
	15 09 40	15 08 15	15 07 10	15 08 30	15 04 60
	21 13 20	21 23 15	21 29 25	21 23 10	21 06 35
	30 35 35		30 22 20	24 27 15	30 06 20
	33 38 45		33 24 20		33 05 30
	39 34 25				
	05 26 30				

UPPER AIR TEMP ALMÁZA — GMT ON	HEIGHT FEET	P.P.P. m.b.	T.T. °F	t.t. °F
	Surface			
	500			
	1000			
	1500			
	2000			
	4000			
	6000			
	8000			
	10000			
	12000			
	14000			
	16000			

CYPRUS SYNOPTIC 8h ON 27th

34703	09964	28204	17171	40408	08161
34827	10963	08226	18151	37209	95101

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

CAIRO
Time of Sunrise h. m. 06 30
Sunset h. m. 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Thursday 27th (الساعة ١٤ يوم الخميس ٢٧) and At 20h. on 27th (الساعة ٢٠ يوم الخميس ٢٧)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 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	00	0	0	0	–	17.9	24.2	89	0	00	9	00	0	0	0	–	19.6	17.5	79	0	131
MARIUT	00	7	20	1	0	1	8	18		45	0	00	7	00	0	0	0	–	20	16	88	0	150
ALEXANDRIA	01	9	28	2	2	3	8	18.0	22.7	54	0	00	6	00	0	0	0	–	19.9	19.7	66	0	132
DAMIETTA	00	8	10	2	0	3	0	17.5	23.5	56	0	00	7	02	1	0	0	–	19.9	17.0	90	0	159
PORT SA'ÎD	01	7	05	2	1	4	4	18	23	53	0	00	7	05	2	0	0	–	20	20	73	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	24	3	1	4	8	17.9	25.2	43	0	00	6	24	2	1	0	–	20.3	17.0	76	0	136
MANSÛRA	01	8	04	1	1	4	8	18.2	24.5	43	0	00	6	02	1	1	0	–	20.4	17.5	75	0	137
TANTA	01	8	00	0	1	4	8	17.4	24.0	46	0	00	8	00	0	1	0	–	19.9	17.1	80	0	138
ZAGAZIG	01	6	08	2	1	4	8	17.9	24.2	48	0	00	6	32	2	0	0	–	19.4	16.8	79	0	139
SHEBÎN EL KÔM	01	8	22	3	1	3	8	18.0	25.9	47	0	00	7	22	1	0	0	–	18.4	18.0	70	0	
MIDDLE EGYPT																							
CAIRO ALMÂZA	05	5	24	2	1	4	6,4	18	23	61	0	00	7	00	0	0	0	–	19.6	17.0	71	0	141
CAIRO EZBEKÎYA	01	8	00	0	1	3	4	17.8	23.3	54	0	01	7	02	2	1	3	4	19.9	16.0	78	0	
CAIRO GÎZA	01	8	00	0	1	3	4	18.3	23.9	50	0	01	7	02	2	1	3	4	20.4	15.6	81	0	
HELWÂN	01	7	00	0	2	5	4	17.9	20.6	57	0	00	7	04	2	0	3	4	20.3	17.5	59	0	143
SUEZ	01	9	32	1	1	4	5		22.7	49	0	00	9	02	1	0	0	–		17.8	61	0	144
UPPER EGYPT																							
FAIYÛM	02	8	00	0	2	7	7	18.3	20.0	55	0	02	8	30	1	2	7	7	19.6	15.7	89	0	152
MINYA	01	8	33	1	1	5	1	16.8	25.1														154
ASYÛT	01	8	33	1	1	5	1	16.8	25.1	39	0												155
NAG' HAMÂDI	00	8	33	1	0	0	–	15.9	25.6	48	0	00	8	00	0	0	0	–	17.4	18.6	69	0	164
QENA	01	9	24	2	1	4	1	15.2	24.0	53	0	02	6	24	2	1	5	4	16.8	19.0	65	0	
LUXOR	01	9	30	2	1	5	2	15.6	26.0	42	0	01	8	26	2	1	4	2	16.3	17.5	66	0	157
ASWÂN	01	9	33	1	1	3	1	14.0	27.7	29	0	02	9	32	1	1	5	4	15.5	23.4	36	0	158
WESTERN DESERT																							
SÎWA	00	8	20	2	0	0	–	17.9	26.7	45	0	00		00	0	0	0	–	18.6	15.8	64	0	
BAHARÎYA	02	8	32	1	1	5	4	17.4	24.0	46	0	01	7	00	0	2	7	4	19.0	19.0	54	0	
KHÂRGA	02	9	04	1	2	6	8		24.3	39	0	00	9	30	1	0	0	–	–	19.8	55	0	151
DAKHLA	02	7	28	1	2	6	5	15.8	24.2	59	0	00	8	00	0	0	0	–	17.0	19.4	64	0	
RED SEA																							
TÔR																							145
HURGHÂDA	01	9	03	1	0	5	8		24	61	0	00	9	32	2	1	0	–		21	65	0	146
QUSEIR	01	8	32	2	1	3	3	16.3	24.8	74	0	01	8	33	3	1	4	4		22.4	68	0	
PORT SÛDÂN	10	8	04	5	8	3	8	12	28	66	R												
NORTH SÛDÂN																							
WÂDI HALFA																							
KAREIMA	00	9	06	1	0	0	–	10	29	29	0												
'ATBARA	00	8	32	2	0	0	–	9	31	24													
KHARTÛM	00	8	32	2	0	0	–	9	31	22													
KASSALA	00	8	28	1	0	0	–	4	36	29													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	02	3	0	0	–	4	34	25													
RENK	00	9	32	3	0	0	–	6	32	63													
ROSEIRES	00	8	28	1	0	0	–	5	33	26													174
EL OBEID	00	8	32	3	0	2	1	7	31	17													
EL FÂSHER	00	8	08	2	0	3	1	=	29	20									—				175
GENEINA	00	8	04	2	1	3	2	=	31	18									—				179
KADUGLI	00	9	00	0	0	0	0	7	34	20													187
S. SÛDÂN																							
MALAKÂL	02	8	06	2	1	6	4,2	6	36	18													176
WÂU	01	8	05	5	0	5	6,4,2	5	34	16													
JUBA	02	8	32	3	1	6	8,4,1	3	35	32													

At 8h. on Friday 28th (الساعة ٨ يوم الجمعة 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 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												—		—				18
MATRÛH	00	9	00	0	0	0	–	22.6	+4.7	16.3	25	+3	13	0	79	0	–	37
MARIUT	01	7	00	0	0	3	9	22		16	24	—	11	—	95	0	28	31
ALEXANDRIA	01	9	12	2	1	4	8	22.2	+3.8	19.7	23	0	16	+1	79	0	67	37
DAMIETTA	01	8	00	0	1	4	8	20.8	+3.5	17.3	25	—	12	—	93	0	10	20
PORT SA'ÎD	00	7	06	3	0	1	6	21	·	21	24		16		69	0	6	14
EL 'ARÎSH																	dr	16
LOWER EGYPT																		
DAMANHÛR	00	5	24	2	0	0	–	21.4	+3.0	16.2	25	+1	13	+1	82	0	15	15
MANSÛRA	00	8	28	2	0	0	–	21.6	+3.8	16.8	26	+2	12	0	81	0	8	9
TANTA	00	8	00	0	0	0	–	21.8	+3.3	16.3	25	+1	9	-2	97	0	h	7
ZAGAZIG	00	6	02	2	0	0	–	21.1	+2.8	17.4	26	+2	12	+1	84	0	2	6
SHEBÎN EL KÔM	09	6	02	1	4	0	–	20.6	+2.3	13.2	27	—	11	—	91	0	1	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	31	2	0	0	–	21.2	+3.1	13.6	23	—	12	—	92	0	2	—
CAIRO EZBEKÎYA	00	6	00	0	0	0	–	21.4	+3.3	13.3	25	+1	12	0	88	0	14	3
CAIRO GÎZA	00	0	00	0	0	0	–	21.8	+3.7	15.0	25	+2	10	0	88	0	19	5
HELWÂN	05	6	04	1	0	0	–	21.0	+2.4	17.6	22	-1	16	+3	74	0	9	3
SUEZ																	2	5
UPPER EGYPT																		
FAIYÛM	00	8	32	2	0	0	–	20.6	+2.2	15.5	20	-5	11	0	79	0	4	0
MINYA																	0	—
ASYÛT																	0	1
NAG' HAMÂDI	00	8	24	1	0	0	–	18.0	+0.8	17.9		—		—	69	0	0	—
QENA	00	7	24	2	0	0	–	17.9	+0.8	16.0	27	-1	12	0	64	0	0	—
LUXOR	01	9	08	1	1	4	3	17.4	+0.4	20.0	27	-1	11	+1	55	0	0	—
ASWÂN	00	9	02	2	0	0	–	17.1	0.0	19.6	29	+1	17	+3	52	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	21.6	+2.2	12.6	27	+3	8	+1	67	0	0	1
BAHARÎYA	00	8	32	1	0	2	6	20.8	+1.6	14.3	24	0	8	-1	63	0	dr	2
KHÂRGA	00	9	00	0	0	0	–			17.6	25	-2	13	+2	65	0	0	—
DÂKHLA	00	8	28	1	0	0	–	20.3	+1.5	15.2	25	-1	10	0	73	0	0	—
RED SEA																		
TÔR	01	9	04	2	0	3	5	—	—	20.2	—		12	-1	40	0	0	3
HURGHÂDA	00	9	28	1	0	1	4	18		20	24		16		46	0	0	2
QUSEIR	02	8	33	2	2	6	4	16.4	0.0	23.2	25	01	20	+2	46	0	0	3
PORT SÛDÂN	22	7	20	4	9	5	9	12		24			26		84	47	84	53
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	–	16		17			13		46	0	0	—
KAREIMA	00	9	04	0	0	0	–	12		22			18		33	0	0	1
'ATBARA	00	8	28	1	0	0	–	11		22			18		74	0	dr	2
KHARTÛM	00	8	32	2	0	0	–	12		22			18		38	0	dr	4
KASSALA	00	8	00	0	0	0	–	10		30			17		43	0	dr	9
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	32	2	0	0	–	10		23					36	0	7	12
RENK	00	8	04	2	0	0	–	12		22	—			—	44	—	—	48
ROSEIRES	00	8	28	1	0	0	–	9		20					56	0	35	36
EL OBEID	00	8	30	4	0	0	–	12		22			14		23	0	1	16
EL FÂSHER	00	8	00	0	0	0		—	—	17			11		32	0	0	6
GENEINA								—	—		—			—		—	—	4
KADUGLI			04	2	0	0	–	12		24	—			—	26	—	—	88
S. SÛDÂN																		
MALAKÂL	00	8	10	2	1	1	4	11		23			16		88	0	53	86
WÂU	00	8	00	0	0	0	–	10		22			17		57	0	48	142
JUBA	02	8	32	2	1	6	4	11		25			23		74	0	25	123

UPPER WINDS ON 27th (الرياح العليا يوم ٢٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. 15m.	h. m.	12h. 45m.	13h. 15m.	13h. m.	13h. 15m.
								03 36 10		09 00 00	06 02 20	06 06 15	06 06 20
								06 02 10		15 28 05	09 02 30	09 05 40	09 06 25
								09 02 10		21 27 05	15 01 15	15 06 10	15 07 10
								15 02 05		24 25 05	21 29 20	21 07 15	21 11 15
								21 09 10		30 20 10	24 29 20	24 07 05	24 10 20
								24 09 10		33 24 10	27 25 15	30 02 15	30 09 40
										39 25 25	30 25 20	33 04 20	
										45 26 15	33 26 20	39 05 20	
										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	MARIUT	PORT SA'ÎD	HELWÂN	~~Almaza~~	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h. m.	h. m.	8h. 45m.	h. m.	7h. m.	h. m.	7h. m.	h. m.	7h. 15m.	7h. m.	7h. 15m.	6h. 30m.
03 28 15		03 04 25		03 04 20		03 36 10		03 03 20	06 07 35	03 04 25	06 36 20
05 27 15		06 04 20		06 04 25		06 05 10		06 04 30	09 10 35	06 04 60	05 01 35
09 03 15		09 04 25		09 03 30		09 06 15		09 03 25	15 11 20	09 06 45	15 03 45
15 36 15		12 04 25		12 02 35		12 03 05		15 06 15	21 11 25	15 03 15	21 35 30
21 07 15		15 04 25		15 01 35		15 20 05		21 21 10	24 10 25	21 06 05	30 27 35
30 27 05		18 04 15		18 03 25		18 14 02		24 21 10	30 31 05	24 28 24	33 27 30
				20 01 10		24 09 05		30 32 15	33 31 10	30 28 05	39 19 15
				27 03 10		27 36 05		33 29 24	39 15 10	33 29 10	45 23 10
				30 34 10		33 32 05		39 27 24	45 13 10	39 29 10	51 33 05

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6h. 45m.	h. m.	h. m.	7h. 19m.	h. m.	7h. m.
06 10 05		06 02 35	09 35 12		06 06 25
09 07 10		09 03 15	15 06 40		09 03 30
15 08 05		15 06 30	21 05 12		15 04 45
21 18 10		21 29 10	24 02 10		21 06 30
24 18 10		24 26 10	30 24 15		24 05 25
30 21 10		30 28 20	45 06 40		30 05 20
39 23 10		33 27 20	51 05 15		33 05 20
45 26 15		39 31 15	54 02 10		39 05 25
60 21 20		45 12 15	60 34 15		
		60 01 20	69 31 15		

CYPRUS SYNOPTIC 8h. ON 28th

34710 00981 28201 22141 30307 01131
34837 00352 20102 23181 20207 00121

UPPER AIR TEMP			ALMÂZA
AT	G M T ON		
HEIGHT FEET	P.P.P. m.b.	T T °F	t t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 27th	Diff from normal	Wet Bulb Temp °C on 27th	Diff from normal
Alexandria	61	−4	15.3	+0.1
Ezbekîya	69	0	14.6	+0.8
Gîza				
Helwân	56	−1	13.9	+0.7

GÎZA — GRASS MINIMUM TEMP ON 28th °C

CAIRO — WATER TEMP RIVER NILE AT 9h. ON °C

Discharges at Aswân measured by sluices m³ per sec.	1947	1946
28-11	1678	2141
27-11	1620	2141

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff from normal m.
Jûba	28-11	12.65	−0.03	13.56	−0.02
Nâsser				10.74	+0.64
Malakâl		12.46	+0.18	12.45	+0.16
J. Aulia Res.				377.09	–
J. Aulia D.S.				372.28	−0.19
Roseires		14.12	+0.62	14.14	+0.59
Sennar Res.		20.50	–	20.40	–
Khartûm		11.55	−0.31	11.56	−0.32
Kh. el Girba					
'Atbara		11.14	−0.10	11.15	−0.11
Kajnarti		134.75	−0.60	134.77	−0.63
Aswân Res.		120.85	–	120.81	–
Aswân D.S		86.34	−0.24	86.25	−0.33
Roda (Cairo)		16.51	+0.01	16.51	−0.04

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 6 h. 31 m.
Sunset 16 h. 55 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month NOVEMBER 1947 — شهر نوفمبر ١٩٤٧

At 14h. on FRIDAY 28th (الساعة ١٤ يوم الجمعة ٢٨) — At 20h. on FRIDAY 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 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station Number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	9	00	0	0	2	8	21.2	22.1	66	0	00	9	08	1	0	2	8	22.3	18.6	79	0	131
	MARIUT	01	7	02	3	0	3	6	21	22	69	0	00	7	02	1	0	2	8	21	17	88		150
	ALEXANDRIA	01	9	08	6	2	4	8	20.2	22.0	66	0	01	6	08	3	2	4	8	21.2	20.0	72	0	132
	DAMIETTA	01	8	06	2	1	4	9	20.0	22.0	72	0	00	7	04	4	0	0	–	19.9	20.2	78	0	159
	PORT SA'ÎD	00	7	04	3	0	1	6	20	22	69	0	00	7	04	4	0	3	6	20	21	74	0	134
	EL 'ARÎSH																							135
LOWER EGYPT	DAMANHÛR	01	7	04	3	1	4	8	21.4	21.3	47	0	01	5	32	2	1	3	8	20.8	17.8	76	0	136
	MANSÛRA	01	8	04	2	1	4	8	21.4	25.4	50	0	00	6	04	2	1	0	–	20.4	17.8	87	0	137
	TANTA	00	8	20	2	0	0	–	19.9	24.0	46	0	00	8	00	0	0	0	–	20.6	15.2	91	0	138
	ZAGAZIG	01	6	32	3	2	4	8	18.7	26.2	41	0	00	6	32	2	0	0	–	19.8	16.4	84	0	139
	SHEBÎN EL KÔM	01	8	04	3	1	4	8	19.9	24.4	52	0	00	7	02	2	0	0	–	19.8	17.0	84	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	04	4	0	3	3	18.6	23.8	55	0	00	7	04	3	0	0	–	19.2	19.0	82	0	141
	CAIRO EZBEKÎYA	01	8	02	2	0	3	8	18.7	23.7	52	0	00	7	04	3	0	0	–	19.2	18.3	76	0	—
	CAIRO GÎZA	01	8	02	2	0	3	8	18.8	23.0	53	0	00	7	04	3	0	0	–	19.8	17.6	81	0	—
	HELWÂN	00	9	02	1	0	2	8	18.7	23.0	45	0	00	7	04	7	0	0	–	19.4	19.0	68	0	143
	SUEZ	00	9	30	2	0	0	–		23.3	53	0	00	9	30	2	0	0	–		19.4	74	0	144
UPPER EGYPT	FAIYÛM	00	8	02	4	0	0	–	17.8	23.5	46	0	00	8	32	1	0	0	–	18.2	18.0	70	0	153
	MINYA																							154
	ASYÛT	00	8	26	1	0	0	–	15.6	26.1	34	0	00	6	22	1	0	0	–	15.8	17.1	71	0	155
	NAG' HAMÂDI	01	8	00	0	1	4	4	14.7	26.2	44	0	00	8	00	0	0	0	–	15.6	17.6	82	0	164
	QENA	01	9	24	2	0	4	1	13.6	25.0	47	0	01	6	24	2	1	3	1	15.5	20.2	56	0	156
	LUXOR	01	9	02	2	1	3	1	14.2	29.0	29	0	01	8	06	2	1	3	1	16.0	18.5	67	0	157
	ASWÂN	00	9	32	1	0	0	–	13.1	29.0	29	0	00	9	32	1	0	0	–	14.0	25.0	34	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	–	20.7	26.3	40	0	00	5	00	0	0	0	–	19.5	16.0	63	0	148
	BAHARÎYA												01	7	04	1	1	4	4	18.8	11.0	64	0	149
	KHÂRGA	00	9	02	1	0	0	–		26.2	34	0	00	9	28	1	0	0	–		19.2	71	0	151
	DAKHLA	00	9	32	2	0	0	–	16.0	24.6	57	0	00	8	28	1	0	0	–	18.2	20.1	65	0	152
RED SEA	TÔR																							145
	HURGHÂDA																							146
	QUSEIR	01	8	32	3	1	4	4	16.1	26.0	59	0	01	8	32	2	1	4	4	14.7	22.7	74	0	147
	PORT SÛDÂN	22	7	26	2	9	7	6	9	26	84	R												208
NORTH SÛDÂN	WÂDI HALFA																							165
	KAREIMA	01	9	32	3	0	4	8	9	31	33													166
	'ATBARA	00	8	32	2	0	2	8	6	32	28													167
	KHARTÛM	00	8	30	2	0	0	–	8	32	18													209
	KASSALA	00	8	28	3	0	0	–	3	36	31													170
CENTRAL SÛDÂN	WAD MEDANI	00	8	28	3	0	0	–	4	35	22													171
	RENK	00	9	32	2	0	0	–	6	35	22													182
	ROSEIRES	00	8	28	1	0	0	–	6	33	36													172
	EL OBEID	00	8	32	3	0	0	–	7	31	16													174
	EL FÂSHER	00	8	32	3	0	0	–	—	30	13									—				175
	GENEINA	00	8	02	3	0	0	–	—	31	11									—				179
	KADUGLI	00	8	12	1	0	0	–	6	36	22													187
S. SÛDÂN	MALAKÂL	00	8	04	3	0	0	–	7	39	21													176
	WÂU	00	8	10	3	0	0	–	5															177
	JUBA																							173

UPPER WINDS ON 28th (الرياح العليا يوم ٢٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12 h. 45 m.	12 h. m.	h. m.	12 h. 45 m.	12 h. m.	h. m.
								07 05 20	07 36 20		07 02 20	07 05 16	
								15 07 15	15 34 30		15 01 15	15 05 20	
								21 08 20	21 30 20		21 31 15	21 08 20	
								30 32 05	27 33 20		30 27 20	30 05 20	
								39 32 15	30 26 15		37 27 20	39 25 20	
								49 25 30	37 27 15		41 26 20		
								56 25 30	49 26 25				
								61 26 70	55 27 20				
								90 26 40	61 27 20				

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 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												—		—				
	MATRÛH	01	9	02	1	1	3	8	21.2	+3.3	20.2	24	+2	16	+3	69	0	46	38
	MARIUT	00	7	02	1	0	2	6	20		21	23	—	16	—	74	0	26	32
	ALEXANDRIA	01	9	04	3	2	4	8	20.2	+1.8	20.8	25	+2	13	-2	70	dr	67	38
	DAMIETTA	00	8	02	1	0	3	6	19.2	+1.9	20.0	22	—	13	—	83	0	10	20
	PORT SA'ÎD	01	7	02	4	2	3	6	19		21	23		20		83	0	6	15
	EL 'ARÎSH																	dr	16
LOWER EGYPT	DAMANHÛR	00	5	04	3	0	0	–	20.0	+1.6	17.2	23	-1	12	0	74	0	15	15
	MANSÛRA	00	8	02	1	0	0	–	19.6	+1.8	17.8	26	+2	16	+3	82	0	8	9
	TANTA	00	8	00	0	0	0	–	19.6	+1.1	15.6	25	+1	11	0	89	0	1	7
	ZAGAZIG	00	6	32	2	0	0	–	19.4	+1.0	15.8	25	+1	13	+2	96	0	3	6
	SHEBÎN EL KÔM	09	6	04	1	4	0	–	20.2	+1.9	15.2	26	—	13	—	91	0	1	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	06	3	0	0	–	19.1	+1.0	17.1	24	—	15	—	92	0	2	—
	CAIRO EZBEKÎYA	08	5	00	0	4	0	–	19.0	+0.9	16.8	25	+1	14	+2	90	0	14	3
	CAIRO GÎZA	03	6	00	0	4	0	–	19.4	+1.2	15.0	24	+1	13	+3	94	0	19	6
	HELWÂN	01	7	04	3	1	3	6	19.1	+0.4	18.6	23	0	16	+4	83	0	9	3
	SUEZ	01	9	28	1	1	4	5			19.2	24	0	16	+3	86	0	2	6
UPPER EGYPT	FAIYÛM	00	8	02	4	0	0	–	18.0	-0.6	18.0	24	-1	16	+4	80	0	4	0
	MINYA																	0	—
	ASYÛT																	0	1
	NAG' HAMÂDI	00	8	24	1	0	0	–	16.8	-0.4	17.0		—		—	74	0	0	—
	QENA	01	7	24	3	0	4	3	16.0	-1.6	16.2	27	-1	14	+3	82	0	0	—
	LUXOR	01	9	10	1	1	5	3	16.6	-1.5	18.0	31	+3	12	+2	63	0	0	—
	ASWÂN	00	9	32	2	0	0	–	15.1	-2.1	20.0	30	+2	17	+3	53	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	–	21.5	+2.1	14.0	27	+3	9	+2	73	0	0	1
	BAHARÎYA	01	9	32	2	1	3	8	19.4	+0.2	15.0	24	0	12	+3	89	0	dr	2
	KHÂRGA	00	9	02	1	0	0	–			19.6	27	0	11	+1	84	0	0	—
	DÂKHLA	00	8	28	2	0	0	–	17.9	-0.9	15.4	26	-1	13	+3	88	0	0	—
RED SEA	TÔR	00	9	32	2	0	0	–	16.0	-0.6	20.6	23	-2	14	+1	47	0	0	8
	HURGHÂDA																	0	2
	QUSEIR	00	8	32	3	0	3	4	16.1	-1.4	23.8	26	0	21	+3	66	0	0	3
	PORT SÛDÂN																71	166	55
NORTH SÛDÂN	WÂDI HALFA																0	0	—
	KAREIMA	01	3	34	4	0	3	4,1	12		23			19		41	0	0	1
	'ATBARA	00	7	28	2	0	0	–	8		24					65	0	dr	2
	KHARTÛM																0	dr	4
	KASSALA	00	8	20	1	0	0	–	6		26						0	dr	8
CENTRAL SÛDÂN	WAD MEDANI												—		—		0	7	12
	RENK																		48
	ROSEIRES																0	33	36
	EL OBEID	00	8	28	4	0	0	–	12	—	21			16		39	0	1	16
	EL FÂSHER	00	8	00	0	0	1	1	—	—	16					39	—	0	6
	GENEINA	00	9	32	6	0	0	–			18		—	16	—	30	—	—	4
	KADUGLI																		88
S. SÛDÂN	MALAKÂL	00	8	06	3	0	1	4	9		24					57	0	57	86
	WÂU	00	7	00	0	0	1	4	10		23			17		65	0	48	142
	JUBA	00	8						11		22					65	0	25	124

UPPER WINDS ON 29th (الرياح العليا يوم ٢٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	7 h. m.	8 h. 45 m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.
03 04 15		03 03 40	02 09 45				02 01 10				
05 04 20		06 04 75	05 05 70				05 04 30				
07 04 20		07 05 65	08 11 10				10 02 25				
12 05 20		15 04 45	10 07 15				15 36 10				
15 05 30		21 02 30	15 06 20				20 04 05				
18 05 30		30 03 30	20 09 20				25 05 10				
21 07 30		39 03 20	23 08 10				30 34 20				
		51 36 35	25 06 10								

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

UPPER AIR TEMP ALMÂZA — 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			

CYPRUS SYNOPTIC 8h ON 29th
34703 01111 28201 20141 18300 03121
34850 00151 24103 22111 04301 00141

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	1947	1946
29.11	1736	2141
28.11	1678	2141

STATION	Mean of day Humidity % on 28th	Diff from normal	Wet Bulb Temp °C on 28th	Diff from normal
Alexandria	72	+7	15.5	+0.5
Ezbekiya	75	+6	15.2	+1.6
Gîza				
Helwân	66	+9	15.6	+2.5

GÎZA — GRASS MINIMUM TEMP. ON 29th ... °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON ... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	29.11.1947				
Nâsser				13.58	-0.03
Malakâl					
J. Aulia Res.		12.46	+0.18	12.46	+0.18
J. Aulia D.S					
Roseires					
Sennar Res.		14.09	+0.01	14.12	+0.52
Khartûm				20.50	–
Kh. el Girba				11.63	-0.21
'Atbara					
Kajnarti		11.13	-0.09	11.14	-0.10
Aswân Res.				134.75	-0.60
Aswân D.S		120.85	–	120.85	–
Roda (Cairo)		26.48	-0.16	26.34	-0.24
		16.51	+0.06	16.51	+0.01

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick „ „ „ „ 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
„ of Snow 83, 84
„ of Sleet 85, 86
„ of Hail 88, 89
Thunderstorm 90-99
„ ended, now Rain 91
„ with Hail 94-96
„ with Duststorm 98
„ heavy, with Hail 99

PAST WEATHER (W)
Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)
Objects not visible at
50 metres 0
200 „ 1
500 „ 2
1 Kilometre 3
2 „ 4
4 „ 5
10 „ 6
20 „ 7
50 „ 8
Visible over 50 kms. 9

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)
Cirrus 1
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato-cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

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Time of Sunrise h. m. 16 22 / h. m. 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month November 1947 — شهر نوفمبر ١٩٤٧

1417 F.C.

At 14h. on Saturday 29th — الساعة ١٤ 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 PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 8-14h. mms.	STATION NUMBER
MEDITERRANEAN	SALÛM												130
	MATRÛH	01	9	32	1	0	3	8	19.5	21.5	63	0	131
	MARIUT	01	7	03	3	1	4	8	18	23	65	0	150
	ALEXANDRIA	02	9	02	3	2	5	8	18.2	22.7	66	0	132
	DAMIETTA	02	8	32	3	8	5	9	17.0	22.2	75	dr	159
	PORT SA'ÎD	01	8	02	3	1	3	6	17	24	69	0	134
	EL 'ARÎSH												135
LOWER EGYPT	DAMANHÛR	01	7	04	3	1	4	8	18.2	23.6	45	0	136
	MANŞÛRA	01	8	32	2	1	4	8	17.0	24.0	63	0	137
	TANTA	01	8	32	2	1	4	8	17.2	24.0	59	0	138
	ZAGAZIG	01	6	32	3	1	4	8	16.6	24.2	47	0	139
	SHEBÎN EL KÔM	01	8	03	3	1	4	8	17.1	24.8	56	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	01	8	08	1	1	4	8,6	15.7	24.8	71	0	141
	CAIRO EZBEKÎYA	00	8	02	3	0	0	—	16.0	24.9	62	0	—
	CAIRO GÎZA	00	8	02	3	0	0	—	16.6	23.8	64	0	—
	HELWÂN	00	8	02	4	0	1	8	15.4	24.9	49	0	143
	SUEZ	00	9	30	1	0	0	—	—	25.2	55	0	144
UPPER EGYPT	FAIYÛM	00	8	22	3	0	0	—	15.0	25.3	51	0	153
	MINYA												154
	ASYÛT	00	8	28	1	0	0	—	13.9	26.5	53	0	155
	NAG' HAMÂDI	00	8	00	0	0	0	—	12.6	27.9	47	0	164
	QENA	01	6	24	2	1	3	3	12.8	26.1	49	0	156
	LUXOR	01	9	02	2	1	3	3	12.0	30.0	31	0	157
	ASWÂN	00	9	32	1	0	0	—	10.4	29.0	34	0	158
WESTERN DESERT	SÎWA	00	8	00	0	0	0	—	19.8	24.3	51	0	148
	BAHARÎYA	03	8	08	1	1	8	5	16.2	24.1	49	0	149
	KHÂRGA	00	9	30	1	0	0	—		27.0	38	0	151
	DAKHLA	00	9	28	1	0	0	—	13.9	23.3	65	0	152
RED SEA	ṬÔR	00	9	36	3	0	0	—	14.0	24.5	60	0	145
	HURGHÂDA	01	9	02	1	0	4	8	14	24	79	0	146
	QUSEIR												147
	PORT SÛDÂN	10	8	04	4	8	3	8,1	7	28	79	dr	208
NORTH SÛDÂN	WÂDI HALFA	00	8	02	3	0	0	—	16	29	25		165
	KAREIMA	01	8	04	2	1	4	8	7	32	31		166
	'ATBARA	01	8	38	3	0	4	8	5	32	38		167
	KHARTÛM	00	8	30	2	0	1	4	7	32	50		209
	KASSALA	00	8	22	2	0	0	—	2	36	29		170
CENTRAL SÛDÂN	WAD MEDANI	00	8	28	4	0	0	—	5	32	26		171
	RENK	00	9	33	2	0	0	—	6	33	26		182
	ROSEIRES	00	8	28	1	0	0	—	5	32	34		172
	EL OBEID	00	8	28	4	0	0	—	6	32	16		174
	EL FÂSHER	00	8	02	2	0	0	—	—	28	15	—	175
	GENEINA	00	8	03	4	0	0	—	—	30	13	—	179
	KADUGLI	00	8	12	1	0	0	—	7	33	26		187
S. SÛDÂN	MALAKÂL	00	8	04	3	0	3	8	6	33	20		176
	WÂU	00	8	04	2	0	0	—	5	34	20		177
	JUBA	02	8	02	1	1	8	8,4	6	30	49		1[illegible]

At 20h. on 29th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. (PPP)	TEMP. °C (TTT)	% HUMIDITY (UU)	RAIN 14-20h. mms.
MEDITERRANEAN	SALÛM											
	MATRÛH	03	7	04	2	2	6	6	19.6	19.7	72	0
	MARIUT	00	7	02	2	0	3	6	17	19	83	0
	ALEXANDRIA	01	5	06	4	2	4	4	19.1	20.0	78	0
	DAMIETTA	00	7	02	2	0	0	—	17.1	20.0	86	0
	PORT SA'ÎD	02	7	02	4	0	0	—	17	21	83	0
	EL 'ARÎSH											
LOWER EGYPT	DAMANHÛR	00	6	04	3	0	0	—	18.7	17.3	78	0
	MANŞÛRA	00	6	02	2	1	0	—	17.8	18.2	86	0
	TANTA	01	8	00	0	1	4	8	18.2	16.7	90	0
	ZAGAZIG	00	6	32	2	0	0	—	18.0	18.2		
	SHEBÎN EL KÔM	01	7	04	2	1	3	8	18.6	18.2	81	0
MIDDLE EGYPT	CAIRO ALMÂZA	02	7	02	3	1	5	6	17.7	20.0	86	0
	CAIRO EZBEKÎYA	00	7	02	2	0	0	—	17.8	19.6	83	0
	CAIRO GÎZA	00	7	03	3	0	2	8	18.2	18.9	86	0
	HELWÂN	00	7	32	3	0	2	8	17.2	19.6	80	0
	SUEZ	00	9	30	1	0	0	—	—	20.3	81	0
UPPER EGYPT	FAIYÛM	00	8	02	3	0	0	—	16.4	20.1	83	0
	MINYA											
	ASYÛT											
	NAG' HAMÂDI	00	8	32	1	0	0	—	13.9	20.9	67	0
	QENA	00	6	20	2	0	0	—	13.0	20.3	74	0
	LUXOR	00	8	30	2	0	0	—	13.2	23.5	53	0
	ASWÂN	01	9	32	2	1	4	4	12.2	25.6	33	0
WESTERN DESERT	SÎWA	00		00	0	0	0	—	19.1	16.0	61	0
	BAHARÎYA	00	7	32	2	0	0	—	17.2	19.0	63	0
	KHÂRGA	00	9	32	1	0	0	—		23.0	51	0
	DAKHLA	00	8	00	0	0	0	—	16.2	18.6	70	0
RED SEA	ṬÔR	01	7	28	2	0	0	—	15.4	23.3	69	0
	HURGHÂDA	00	8	28	2	0	0	—		21	85	0
	QUSEIR	00	8	06	3	0	0	—	13.6	24.6	80	0
	PORT SÛDÂN											
NORTH SÛDÂN	WÂDI HALFA											
	KAREIMA											
	'ATBARA											
	KHARTÛM											
	KASSALA											
CENTRAL SÛDÂN	WAD MEDANI											
	RENK											
	ROSEIRES											
	EL OBEID											
	EL FÂSHER											
	GENEINA											
	KADUGLI											
S. SÛDÂN	MALAKÂL											
	WÂU											
	JUBA											

At 8h. on Sunday 30th — الساعة ٨ يوم الأحد ٣٠

	STATION	PRESENT WEATHER (ww)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	BAR PRESSURE M.S.L. 1000+ mbs (PPP)	Diff from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm °C	Minimum Today °C (mm)	Minimum Diff from norm °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				20
	MATRÛH	01	9	00	0	1	5	8	20.3	+2.3	16.5	22	0	14	+1	82	0	—	39
	MARIUT	00	7	04	1	0	1					23	—	17	—	83	0	25	83
	ALEXANDRIA	01	9	06	2	2	4	8	18.3	-0.1	20.8	24	+1	18	+3	75	0	67	39
	DAMIETTA	01	8	04	1	1	4	1	17.6	+0.2	21.0	28	—	16	—	89	dr	10	21
	PORT SA'ÎD	05	6	03	1	0	4		18		22	24		20				6	15
	EL 'ARÎSH																	dr	17
LOWER EGYPT	DAMANHÛR	00	6	04	3	0	0	—	18.7	+0.2	18.6	24	0	15	+3	68	0	15	15
	MANŞÛRA	01	8	30	1	1	4	6	18.3	+0.4	17.0	26	+2	16	+4	95	0	8	9
	TANTA	00	8	28	1	1	3	8	18.3	-0.3	15.6	25	+1	12	+1	97	0	tr	7
	ZAGAZIG	01	6	32	2	1	4	8	18.3	-0.1	15.8	25	+1	14	+3	83	0	3	6
	SHEBÎN EL KÔM	01	7	28	1	1	4	8	18.6	+0.2	15.2	25	—	14	—	94	0	1	—
MIDDLE EGYPT	CAIRO ALMAZA	48	1	28	1	4	0	—	18.4	+0.2	16.0	25	—	15	—	100	0	2	—
	CAIRO EZBEKÎYA	08	4	00	0	4	0	—	18.3	+0.1	16.5	26	+2	15	+3	97	0	14	3
	CAIRO GÎZA	08	4	00	0	4	0	—	18.0	+0.1	17.1	24	+1	14	+4	98	0	19	5
	HELWÂN	09	5	30	2	2	5	6	18.2	-0.5	17.5	25	+2	16	+4	93	0	9	3
	SUEZ	01	9	02	2	1	4	5			18.6	26	+2	17	+4	88	0	2	5
UPPER EGYPT	FAIYÛM	03	8	32	3	2	8	7	17.8	-0.7	17.7	25	0	16	+5	90	0	4	0
	MINYA																	0	—
	ASYÛT																	0	1
	NAG' HAMÂDI	00	8	24	1	0	0	—	15.9	-1.4	18.4		—		—	79	0	0	—
	QENA	00	7	20	2	0	0	—	15.8	-1.8	18.0	27	-1	14	+3	81	0	0	—
	LUXOR	04	9	10	2	0	0	—	15.6	-1.6	20.5	32	+4	15	+5	69	0	0	—
	ASWÂN	00	9	30	1	0	0	—	15.4	-1.9	20.7	30	+2	18	+4	67	0	0	—
WESTERN DESERT	SÎWA	00	7	00	0	0	0	—	20.2	+0.7	13.0	26	+2	8	+1	77	0	0	1
	BAHARÎYA	01	8	04	2	0	3	6	18.8	-0.5	16.0	25	+1	12	+3	84	0	dr	2
	KHÂRGA	00	9	06	1	0	0	—			17.0	28	+1	14	+4	90	0	0	—
	DAKHLA	01	8	00	0	0	3	1	17.4	-1.5	16.2	24	-1	12	+3	86	0	0	—
RED SEA	ṬÔR																	0	3
	HURGHÂDA	00	9	26	1	0	0	—			20	24		16		68	0	0	2
	QUSEIR	00	8	32	3	0	0	—	14.8	-1.8	24.5	26	0	20	+2	63	0	0	3
	PORT SÛDÂN																dr	155	57
NORTH SÛDÂN	WÂDI HALFA	00	8	02	1	0	0	—	14		19			16		60	0	0	—
	KAREIMA	00	8	00	0	0	0	—	11		22			18		41	0	0	1
	'ATBARA	00	7	32	3	0	0	—	9		24			21		37	0	dr	2
	KHARTÛM	00	8	30	4	0	0	—	11		24			20		34	0	dr	4
	KASSALA	00	8	32	1	0	0	—	8		26			16		51	0	dr	8
CENTRAL SÛDÂN	WAD MEDANI	00	9	20	3	0	0	—	10		23					41	0	7	12
	RENK	00	9	04	3	0	0	—	11		23		—		—	47	—	—	48
	ROSEIRES	00	8	20	0	0	0	—	9		19					60	0	33	36
	EL OBEID	00	8	30	4	0	0	—	12		21			16		31	0	1	16
	EL FÂSHER	00	8	00	0	0	0	—	—	—	14			9		45	0	0	6
	GENEINA	00	8	02	2	0	0	—	—	—	17		—	12	—	28	0	—	4
	KADUGLI	00	8	20	1	0	0	—	11		23		—		—	47	—	—	28
S. SÛDÂN	MALAKÂL	00	8	04	3	0	0	—	9		25			18		39	0	53	86
	WÂU	00	8	00	0	0	0	—	10		22			17		65	0	48	142
	JUBA	01	8	14	2	1	4	4,2	9		26			20		70	0	25	124

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.	13h. m.
							03 02 25	03 35 10	06 36 10	06 24 20	06 01 15	06 07 15	06 07 20
							06 35 25	06 36 10	09 34 10	07 25 10	09 34 15	09 08 25	09 08 35
							09 36 25	09 36 10	15 33 05	15 24 20	15 33 10	15 07 15	15 07 20
							15 05 10	15 35 20	21 24 05	21 23 30	21 31 15	21 02 15	21 05 15
							21 33 10	21 33 20	30 30 15	30 32 25		30 04 20	30 07 20
							30 32 20		39 30 25	39 26 20			39 09 20
							39 31 25		45 32 20	45 31 30			45 10 20
							45 30 25						
							60 32 25						

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	Sakaria	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7h. m.	h. m.	7h. 30m	8h. 30m	7h. m.	h. m.	7h. 15m	h. m.	7h. m.	h. m.	h. m.	h. m.
03 07 10		03 03 15	02 03 15	03 02 35		03 02 15		06 03 35			
06 06 15		06 07 15	05 03 35	06 04 05		06 04 20		15 03 25			
09 07 20		09 06 20	08 06 35	09 02 20		09 04 20		21 03 20			
12 07 20		15 07 20	10 08 25	15 02 10		15 04 20		30 04 30			
15 35 10		21 03 20	Ent Cu	18 13 05		18 02 40		33 34 40			
18 36 20		27 36 20		21 06 15		24 02 20		39 35 55			
21 35 20		30 32 15		24 35 10		27 01 20		45 35 70			
				30 02 20		33 35 20					
				36 30 20		36 32 02					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

UPPER AIR TEMP — ALMÂZA — AT GMT ON

HEIGHT FEET	PPP m.b	TT °C	TD °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON 30th

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day Humidity % on 29th	Humidity Diff from normal	Wet Bulb Temp °C on 29th	Wet Bulb Diff from normal
Alexandria	70	+5	17.9	+3.1
Ezbekiya				
Giza	83	+11	17.1	+3.5
Helwân	77	+20	17.5	+4.5

GIZA — GRASS MINIMUM TEMP ON 30th 12.5 °C

CAIRO — WATER TEMP AT 9h. RIVER NILE ON °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	30-11			13.55	-0.02
Nâsser				10.70	+0.68
Malakâl		12.46	+0.19	12.46	+0.18
J. Aulia Res				377.14	-
J. Aulia D.S				372.20	-0.25
Roseires		14.06	+0.62	14.09	+0.61
Sennar Res.				20.57	-
Khartûm		11.54	-0.26	11.55	-0.27
Kh. el Girba					
'Atbara		11.12	-0.07	11.13	-0.09
Kajnarti				134.70	-0.56
Aswân Res.		120.85	-	120.85	-
Aswân D.S		86.43	-0.32	86.42	-0.16
Roda (Cairo)		16.51	+0.09	16.51	+0.05

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	30-11	1736	2141
	29-11	1736	2141

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog o Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
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	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32 e.g. 06 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

CAIRO
Time of Sunrise 06 08 h. m.
Sunset 17 09 h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month [redacted] 1947 — شهر نوفمبر ١٩٤٧

At 14h. on Friday 31st Oct. ١٠/٣١ الساعة ١٤ يوم — At 20h. on 31st Oct. ١٠/٣١ الجمعة الساعة ٢٠ يوم

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	01	9	00	0	0	4	8	9.1	32.4	23	0	00	8	28	3	0	0	—	9.5	23.4	93	0	131
Mariut	02	7	10	2	2	5	1	11	30	35	0	01	7	08	3	1	3	4	10	22	50	0	150
Alexandria	02	9	12	2	2	6	5	10.4	28.4	31	0	02	5	10	3	5	5	4	9.9	23.0	55	dr	132
Damietta	01	8	12	3	1	4	4	11.9	26.0	66	0	02	7	10	3	1	5	6	11.8	23.2	72	0	159
Port Sa'îd d.r.	01	7	07	3	6	3	4,5	12	26	70	dr	01	7	10	4	0	3	4	12	24	79	0	134
El 'Arîsh	13	9	30	4	2	5	6	13.1	26.2	69	0	00	9	28	3	1	3	8	11.4	22.1	92	0	135
Lower Egypt																							
Damanhûr	01	7	24	3	1	4	1		27.3	45	0	01	7	12	3	1	3	8	11.5	20.2	80	0	136
Mansûra	01	8	04	1	1	4	6	12.3	28.5	39	0	01	6	04	2	1	4	6	11.5	21.8	87	0	137
Tanta	01	8	00	0	2	4	8	12.4	30.0	36	0	01	8	00	0	1	5	8	11.9	22.0	80	0	138
Zagazig	01	6	32	2	1	4	8	12.0	27.6	41	0	00	6	32	2	0	0	—	11.6	23.2	72	0	139
Shebîn el Kôm	00	8	04	3	1	2	8	12.0	29.2	39	0	01	7	04	2	1	3	6		22.1	67	0	—
Middle Egypt																							
Cairo Almâza	01	7	28	2	1	4	4,5	10.9	29.6	51	0	01	7	06	4	1	4	4,5	10.1	25.0	60	0	141
Cairo Ezbekîya	01	8	30	2	1	4	4	11.0	28.8	39	0	01	8	04	1	1	4	4	10.4	24.4	54	0	—
Cairo Gîza	01	8	30	2	1	4	4	11.0	28.8	42	0	01	8	04	1	1	4	4	10.0	23.1	61	0	—
Helwân	05	6	28	3	1	4	4	10.6	30.2	21	0	02	7	04	5	2	5	4	9.6	26.0	23	0	143
Suez	00	9	00	0	0	0	—		29.2	28	0	01	9	00	0	1	4	5		24.3	32	0	144
Upper Egypt																							
Faiyûm	01	8	00	0	1	4	6	10.4	30.0	37	0	01	8	02	1	1	4	6	9.5	22.8	67	0	153
Minya	00	9	24	2	1	0	—		32.5	29	0	02	8	16	1	1	5	4	10.4	21.4	62	0	154
Asyût	00	8	26	1	0	0	—	11.0	30.2	35	0	00	8	00	0	0	0	—	10.8	22.0	74	0	155
Nag Hamâdi	00	8	24	1	0	0	—	9.9	31.2	35	0	00	8	00	0	0	0	—	10.8	19.7	69	0	164
Qena	00	9	24	2	0	0	—	9.1	32.0	30	0	00	6	12	2	0	0	—	10.2	22.3	55	0	156
Luxor	00	9	06	2	0	0	—	9.6	35.0	24	0	00	8	02	2	0	0	—	10.4	23.0	63	0	157
Aswân	00	9	32	1	0	0	—	8.3	34.6	20	0	00	9	00	0	0	0	—	10.6	29.6	27	0	158
Western Desert																							
Sîwa	00	8	28	2	0	0	—	11.6	32.3	23	0	00		00	0	0	0	—	10.7	26.4	53	0	148
Baharîya	01	8	16	1	1	3	8	9.2	35.0	18	0	01	7	20	1	1	4	8	9.1	26.5	17	0	149
Khârga	00	9	00	0	0	0	—	—	33.2	17	0	00	9	00	0	0	0	—	—	24.3	26	0	151
Dakhla	00	9								43	0	00	8	00	0	0	0	—	11.5	25.8	49	0	152
Red Sea																							
Tôr	00	7	28	3	0	0	—	9.6	28.8	62	0	00	7	00	0	0	0	—	11.1	25.2	69	0	145
Hurghâda d.r.												00	8	20	1	0	0	—	11	28	65	0	146
Quseir	00	8	04	2	0	0	—	10.0	27.6	61	0												147
Port Sûdân	00	8	08	3	1	2	8	9	33	65													208
North Sûdân																							
Wâdi Halfa	00	8	02	2	0	0	—	8	36	12													165
Kareima	00	9	10	2	0	1	8	8	38	17													166
'Atbara	00	7	06	3	0	1	8	5	38	15													167
Khartûm	00	8	04	1	0	1	1	5	38	35													209
Kassala																							170
Central Sûdân																							
Wad Medani																							171
Renk																							182
Roseires																							172
El Obeid	01	9	02	2	0	4	8,4	3	38	11													174
El Fâsher	02	8	32	1	1	6	4	—	37	17									—				175
Geneina	01	8	04	3	1	3	1	—	34	15									—				179
Kadugli																							187
S. Sûdân																							
Malakâl																							176
Wâu	01	8	04	1	1	4	8	4	35	39													177
Juba	02	8	32	1	1	8	8,2	2	37	24													[illegible]

At 8h. on Saturday 1st — السبت ١ 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.	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												—		—				3
Matrûh	01	9	30	5	0	4	8	11.2	-6.1	22.8	33	+8	21	+4	72	0	R	15
Mariut	01	7	12	1	1	3	4	10		21	31	—	19	—	83	0	2	6
Alexandria	01	9	12	4	2	4	4	9.0	-8.6	21.0	30	+3	19	0	74	dr	27	6
Damietta	02	8	10	3	1	5	6	9.2	-7.1	24.2	26	—	19	—	76	0	4	6
Port Sa'îd	02	7	09	5	1	5	4,5	10		25	26		23		74	dr	1	3
El 'Arîsh	02	9	12	1	2	6	6	11.4	-4.7	20.7	29	+2	17	+2	74	0	dr	4
Lower Egypt																		
Damanhûr	00	7	12	3	0	3	8	9.4	-7.8	21.3	29	+1	17	+1	73	0	tr	4
Mansûra	01	8	04	2	1	4	6	9.4	-7.1	22.0	31	+3	20	+4	64	0	6	3
Tanta	01	8	00	0	1	4	8	9.6	-7.7	20.0	30	+1	17	+3	76	0	dr	3
Zagazig	02	6	08	2	2	5	8	9.0	-8.0	22.2	29	0	18	+4	62	0	dr	2
Shebîn el Kôm	01	8	06	2	1	4	8	8.8	-8.3	19.2	31	—	17	—	77	0	dr	—
Middle Egypt																		
Cairo Almaza	05	5	30	1	1	4	4,5	8.4	-8.5	21.8	33?	—	17	—	45		0	—
Cairo Ezbekîya	00	6	30	3	0	1	6	8.8	-8.1	22.2	30	+2	17	+1	43	0	0	2
Cairo Gîza	00	6	30	3	0	1	6	9.8	-7.3	22.4	30	+2	14	0	46	0	dr	3
Helwân	00	7	14	3	0	1	4	9.1	-8.1	23.5	31	+3	18	+1	30	0	0	1
Suez	01	9	14	1	1	5	5				34	+5	19	+2		0	dr	2
Upper Egypt																		
Faiyûm																	2	0
Minya	00	9	16	2	0	0	—	11.2	-5.4	23.4	33	+5	19	+4	43	0	0	—
Asyût	00	7	00	0	0	0	—	12.7	-3.5	23.8	33	+4	16	0	51	0	0	0
Nag Hamâdi	00	8	00	0	0	0	—	12.4	-2.9	20.8		—		—	50	0	0	—
Qena	00	7	22	2	0	0	—	11.9	-2.8	19.8	34	+1	15	-1	48	0	0	—
Luxor	00	9	26	2	0	0	—	11.8	-3.1	24.0	36	+2	15	0	50	0	0	—
Aswân	00	9	00	0	0	0	—	11.8	-2.4	28.0	37	+3	20	+1	13	0	0	—
Western Desert																		
Sîwa	00	7	00	0	0	0	—	14.0	-4.3	21.0	32	+2	18	+5	87	0	0	0
Baharîya	01	8	16	1	1	4	8	11.2	-6.3	20.5	35	+6	17	+3	77	0	0	0
Khârga	00	9	00	0	0	0	—	—	—	21.7	35	+3	17	+1	66	0	0	—
Dâkhla	00	8	28	1	0	0	—	13.2	-3.4	23.0	35	+4	17	+2	61	0	0	—
Red Sea																		
Tôr	00	7	04	1	0	0	—	12.0	-2.9	23.0			18	+1	56	0	0	1
Hurghâda	01	8	00	0	1	4	8,4	12		27	29		19		55	0	0	0
Quseir																	0	0
Port Sûdân	00	8	00	0	0	1	8	12		30			22		66	0	4	13
North Sûdân																		
Wâdi Halfa	00	7	00	0	0	0	—	12		28			17		25	0	0	—
Kareima	00	8	04	3	0	0	—	11		28			26		22	0	0	1
'Atbara	00	7	08	2	0	0	—	9		28			22		40	0	0	2
Khartûm	00	9	16	1	0	8	4	10		28			24		45	0	dr	4
Kassala	00	8	02	3	0	0	—	8		33			25		24	0	dr	8
Central Sûdân																		
Wad Medani	00	8	04	3	0	0	—	10		29			0		25	0	7	8
Renk												—		—		—	—	44
Roseires	01	8	04	1	0	3	5	10		24					84	0	33	30
El Obeid	01	9	18	3	1	4	4,2	9		29			24		43	0	1	16
El Fâsher	01	8	00	0	1	5	4,2	—	—	28			17		38	0	0	6
Geneina	00	8	02	3	1	1	4,1	—	—	23		—	14	—	29	—	—	4
Kadugli	01	9	28	2	1	5	4	10		24		—		—	74	—	—	83
S. Sûdân																		
Malakâl	01	8	32	1	1	5	4	8		29			23		59	0	53	76
Wâu	02	8	00	0	1	5	2	9		27			21		74	0	47	127
Juba	05	7	12	2	1	4	2	13?		27			21		62	0	18	98

UPPER WINDS ON 31-10 (الرياح العليا يوم)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

Matrûh h. m.	Mariut h. m.	Port Sa'îd 12 h. 30 m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 12 h. m.	Kareima 13 h. m.	Khartûm 12 h. 30 m.	Kassala h. m.	El Obeid h. m.	Malakal h. m.	Juba 13 h. m.
		03 08 15					03 04 20	03 01 15	06 17 10				06 25 10
		06 01 10					06 01 15	06 04 10	09 07 05				09 35 15
		09 22 05					09 35 10	09 07 15	15 05 15				15 01 15
		15 20 05					15 35 20	15 05 15	21 02 10				21 05 20
		21 34 05					21 30 20	21 04 05					
		27 25 10											
		30 23 10											
		33 23 15											
		3? 24 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 31-10	Diff from normal	Wet Bulb Temp °C on 31-10	Diff from normal
Alexandria	69	+1	18.3	-0.6
Ezbekiya	60	-7	18.3	+0.5
Giza	68	-1	18.7	+1.0
Helwân	29	-25	15.9	+0.4

GÎZA — Grass Minimum Temp on 1st 9.3 °C

CAIRO — Water Temp. River Nile at 8h on . °C

Discharges at Aswân measured by sluices m³ per sec.	1947	1946
Date 1-11	1966	3241
31-10	2066	3241

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				13.70	-0.01
Nâsser				11.03	+0.44
Malakâl		12.03	+0.10	12.43	+0.11
J. Aulia Res.					
J. Aulia D.S					
Roseires		15.00	+0.17	15.06	+0.19
Sennar Res.				17.72	—
Khartûm		12.48	+0.45	12.53	-0.49
Kh. el Girba					
'Atbara		11.90	-0.29	11.95	-0.29
Kajnarti				137.04	-0.74
Aswân Res.		115.88	—	116.45	—
Aswân D.S		86.75	-2.07	86.90	-2.04
Roda (Cairo)		17.26	-0.83	17.32	-0.84

Printed by the Survey of Egypt, 1945 (45/306)

UPPER WINDS ON 1st (الرياح العليا يوم)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

Matrûh 7 h. m.	Mariut h. m.	Port Sa'îd h. m.	Helwân 8 h. 30 m.	Minya h. m.	Asyût h. m.	Luxor h. m.	Aswân 7 h. m.	Wâdi Halfa 7 h. m.	Abu Hamad 7 h. m.	Kareima 6 h. 45 m.	Khartûm 6 h. 45 m.
03 34 55			02 18 25				10 08 05	03 02 05	09 17 05	03 03 20	06 14 20
06 34 45			05 16 40				15 29 10	06 05 15	15 02 30	06 06 45	09 09 45
			08 18 30				20 29 35	09 03 15	21 35 15	09 05 55	15 06 40
			10 23 30					15 01 10	27 30 20	15 01 35	21 04 25
			15 20 35					21 33 15	30 30 15	21 30 20	30 02 15
			20 20 45					24 33 15	33 28 15	30 26 40	
			23 20 60					30 33 15	39 27 30	33 25 40	
			25 19 50					33 31 15	45 30 40	45 29 30	
			30 20 40					45 27 35	54 27 20	60 30 50	

Kassala 6 h. 30 m.	Port Sûdân 7 h. m.	El Obeid 7 h. m.	El Fâsher 7 h. 15 m.	Geneina 7 h. 15 m.	Malakal 7 h. 15 m.
06 04 30	03 36 10	06 23 20	09 32 05	09 05 35	06 00 00
09 03 35	06 09 15	09 24 20	15 04 40	15 10 45	09 17 10
15 01 35	09 10 20	15 08 15	21 07 40	21 13 25	15 17 10
21 33 35	15 13 20	21 07 35	30 04 25		21 10 15
30 28 25	21 17 25	27 07 30	33 02 20		
33 28 20	30 16 40	30 07 20			
39 28 25	33 18 40	33 08 15			
45 33 20	36 17 20	39 10 10			
60 32 15		45 19 10			

Cyprus Synoptic 8h on 1st

34800 01963 22284 13190 80204 97160

Upper Air Temp Almâza at GMT on — Height feet	PPP m.b.	TT °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

ANNUAL SUBSCRIPTION P.T. 150

WIND FORCE (F)

	K P H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squalls	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

CAIRO
Time of Sunrise 06 h. 33 m.
Sunset 16 h. 55 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month *December* 1947 — شهر ديسمبر ١٩٤٧

At 14h. and 20h. on *Monday 1st* (الساعة ١٤ يوم الاثنين ١ / الساعة ٢٠ يوم الاثنين ١)

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14 h. mms	20h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20 h. mms	Station Number
Mediterranean																							
Salûm																							130
Matrûh	01	9	06	3	1	4	3	18.6	22.2	70	0	00	8	00	0	0	3	3	19.5	18.1	88	0	131
Mariut	02	7	05	3	2	6	8,4	17	22	78	0	00	7	00	0	1	0	—	19	18	94	0	150
Alexandria	01	9	08	2	2	4	3	17.5	22.2	74	0	01	5	04	1	2	8	4	19.0	20.0	96	0	132
Damietta	02	7	02	3	2	6	5	17.2	21.8	80	0	08	4	30	1	4	0	—	18.8	18.5	95	0	159
Port Sa'îd	01	7	02		1	4	5	17	22	74	0	01	7	06	1	1	4	4,5	18	21	83	0	134
El 'Arîsh																							135
Lower Egypt																							
Damanhûr	02	7	04	3	2	5	5	17.9	23.3		0	01	6	24	2	1	3	8	18.4	18.2	68	0	136
Mansûra	03	6	02	1	2	8	6	17.2	22.2	76	0	00	6	32	2	1	0	—	18.3	18.8	88	0	137
Tanta	02	8	08	2	2	5	8	17.1	23.3	71	0	01	8	00	0	2	4	8	18.8	16.8	95	0	138
Zagazig	02	6	32	2	2	6	7	16.6	22.8	37	0	00	6	32	2	0	0	—	17.8	17.2	80	0	139
Shebîn el Kôm	00	7	02	1	0	0	—	17.6	23.0	70	0	00	7	02	2	1	2	6	18.2	17.7	68	0	—
Middle Egypt																							
Cairo Almâza	02	7	02	2	2	5	6,0	17.2	20.8	81	0	05	6	03	1	2	0	—	17.8	18.0	92	0	141
Cairo Ezbekîya	01	8	32	3	5	0	—	17.4	21.4	76	dr	00	7	32	2	5	0	—	17.6	18.7	91	dr	—
Cairo Gîza	01	8	32	3	5	0	—	17.8	21.3	74	dr	00	7	32	2	5	0	—	18.2	18.0	93	dr	—
Helwân	02	7	32	4	2	6	4	16.4	22.3	43	0	00	7	32	3	0	0	—	17.5	19.1	74	0	143
Suez	03	9	32	2	1	8	5		23.7		0	02	9	32	1	2	7	5	—	19.7	67	0	144
Upper Egypt																							
Faiyûm	01	8	32	3	1	4	6	16.2	25.0	37	0	00	8	32	1	0	0	—	17.1	18.6	84	0	153
Minya	01	8	32	3	0	4	4	16	24	54	0	02	7	31	2	1	0	—	16	15	72	0	154
Asyût												00	6	22	1	0	0	—	16.3	17.5	75	0	155
Nag' Hamâdi	00	8	00	0	0	0	—	14.3	28.6	47	0	00	8	00	0	0	0	—	16.2	18.8	72	0	164
Qena	00	9	24	1	0	0	—	13.2	26.9	44	0	00	6	22	3	0	0	—	15.2	21.6	51	0	156
Luxor	00	9	08	1	0	0	—	13.9	29.5	35	0	00	8	24	1	0	0	—	14.7	20.5	64	0	157
Aswân	00	9	32	1	0	0	—	12.7	29.4	23	0	00	9	00	0	0	0	—	14.2	25.3	39	0	158
Western Desert																							
Sîwa	00	8	08	2	0	0	—	18.4	25.3	52	0	00		00	0	0	0	—	18.0	17.8	72	0	148
Baharîya	01	8	04	1	0	3	6	16.2	26.4	36	0	00	7	00	0	0	0	—	17.5	18.0	53	0	149
Khârga	00	9	22	1	0	0	—		26.1	47	0	00	9	32	1	0	0	—		22.2	52	0	151
Dakhla	00	9	00	0	0	0	—		27.4	54	0	00	8	00	0	0	0	—	15.8	20.1	68	0	152
Red Sea																							
Tôr	00	9	28	2	0	0	—	13.7	20.3	80	0	00	8	28	1	0	0	—	16.2	22.5	62	0	145
Hurghâda												00	9	00	0	1	0	—	15	23	65	0	146
Quseir	00	8	32	3	0	0	—	13.5	26.0	22	0	00	8	12	3	0	0	—	13.8	23.4	86	0	147
Port Sûdân	02	9	04	3	2	6	8,4,5	4	27	70	R												208
North Sûdân																							
Wâdi Halfa	00	8	02	2	0	0	—	12	29	25													165
Kareima	00	8	04	3	0	0	—	9	31	29													166
'Atbara	01	8	28	2	1	4	8	7	32	31													167
Khartûm	00	8	32	2	0	1	8	7	33	26													209
Kassala	0	8	30	1	0	1	4	4	36	31													170
Central Sûdân																							
Wad Medani																							171
Renk																							182
Roseires																							172
El Obeid	00	8	32	3	0	0	—	6	32	17													174
El Fâsher	00	8	08	1	0	2	1	—	30	22									—				175
Geneina	00	8	06	3	0	2	2	—	32	11									—				179
Kadugli																							187
S. Sûdân																							
Malakâl																							176
Wâu	00	8	02	2	1	6	2	5	34	22													177
Juba	00	8	06	3	0	8	2		32	11													173

At 8h. on *Tuesday 2nd* (الساعة ٨ يوم الثلاثاء ٢)

Station	ww	V	DD	F	W	N	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												—		—				22
Matrûh	02	8	14	4	1	5	0	17.6	-0.4	16.9	22	+2	14	+1	93			40
Mariut	43	2	00	0	4	0	—	18		17	23	—	15	—	94	0	26	36
Alexandria	01	6	12	1	2	4	8	18.2	-0.2	20.6	24	+1	18	+4	85	0	67	42
Damietta	00	8	02	1	0	0	—	17.2	-0.3	18.9	24	—	15	—	93	0	10	22
Port Sa'îd	00	7	06	2	0	0	—	18		22	25		18		74	0	6	15
El 'Arîsh																	dr	17
Lower Egypt																		
Damanhûr	40	1	08	2	4	0	—	18.7	+0.2	16.2	23	0	13	+1	98	0	15	16
Mansûra	00	8	04	1	0	0	—	17.6	-0.4	16.8	24	0	15	+3	94	0	8	10
Tanta	02	5	08	1	2	8	9	18.3	-0.3	13.0	23	-1	11	+1	99	0	1	8
Zagazig	00	6	16	2	0	0	—	18.0	-0.5	13.4	23	-1	12	+1	100	0	3	7
Shebîn el Kôm	47	3	00	0	4	9	—	17.5	-1.0	13.8	23	—	12	—	96	0	1	—
Middle Egypt																		
Cairo Almaza	45	1	00	0	4	0	—	17.6	-0.7	14.5	22	—	14	—	99	0	2	—
Cairo Ezbekîya	57	2	28	1	4	9	—	17.8	-0.5	15.6	22	-2	15	+3	99	dr	14	4
Cairo Gîza	57	2	28	1	4	9	—	17.9	-0.4	15.2	22	-1	13	+3	99	dr	19	6
Helwân	43	0	32	1	4	9	—	17.8	-1.1	14.6	24	+2	14	+2	96	0	9	4
Suez	00	9	30	1	0	0	—			13.4	25	+1	15	+2	76	0	2	6
Upper Egypt																		
Faiyûm	02	8	30	1	2	7	6	18.2	-0.5	16.0	25	+1	14	+4	89	0	4	0
Minya	05	6	32	3	1	5	6	17		15	25		12		88	0	dr	—
Asyût	24	1	22	1	4	0	—	17.5	-1.3	13.1	27	+3	12	+2	94	0	0	2
Nag' Hamâdi	00	8	24	1	0	0	—	17.0	-0.4	16.4		—	16	—	73	0	0	—
Qena	00	7	24	2	0	0	—	16.2	-1.7	16.8	29	+2	13	+2	72	0	0	—
Luxor	00	9	02	1	0	0	—	16.0	-1.4	19.5	31	+3	11	+2	59	0	0	—
Aswân	00	9	00	0	0	0	—	16.3	-1.3	20.4	30	+2	16	+2	48	0	0	—
Western Desert																		
Sîwa	03	7	12	3	2	8	5	17.4	-2.1	17.0	26	+3	13	+6	90	0	dr	1
Baharîya	01	8	00	0	0	2	6	17.6	-1.8	16.7	27	+3	10	+1	72	0	dr	2
Khârga	00	9	00	0	0	0				16.3	27	+1	13	+2	68	0	0	—
Dâkhla	01	8	00	0	1	3	1	17.6	-1.4	16.4	28	+3	11	+2	38	0	0	—
Red Sea																		
Tôr	00	9	38	1	0	0	—	15.9	-0.8	21.2			14	+2	42	0	0	4
Hurghâda	00	9	26	4	0	0	—	16		20	26		16		46	0	0	2
Quseir	00	8	32	2	0	0	—	15.5	-1.2	21.8	28	+2	19	+1	78	0	0	3
Port Sûdân	00	9	30	4	1	1	8,4	13		25			21		65	4	1169	59
North Sûdân																		
Wâdi Halfa	00	7	02	1	0	1	4	16		17					46	0	0	—
Kareima	00	8	06	3	0	0	—	14		23			20		38	0	0	1
'Atbara	00	8	32	2	0	0	—	12		23			19		69	0	dr	2
Khartûm	00	8	04	3	0	0	—	12		22			20		41	0	dr	4
Kassala	00	8	22	1	0	0	—	11		24			18		65	0	dr	3
Central Sûdân																		
Wad Medani	00	8	02	4	0	2	1	11		24					47	0	7	12
Renk	01	7	32	2	1	4	1	11		26	—			—	21	—		49
Roseires	00	8	04	3	0	0	—	9		24					74	0	33	36
El Obeid																	1	16
El Fâsher	01	8	00	0	1	4	1	—	—	16					78	0	0	6
Geneina	02	8	02	1	1	8	2	—	—	16	—		12	—	52	—	—	4
Kadugli	00	8	20	1	0	0	—			23					41	—	—	89
S. Sûdân																		
Malakâl																	53	37
Wâu																	48	142
Juba	02	8	14	1	1	8	4,2	11		26			22		79	0	25	126

Upper Winds on 1st (الرياح العليا يوم ١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 13 h. m.	Kareima 13 h. m.	Khartûm 13 h. 15 m.	Kassala 13 h. m.	El Obeid 13 h. 15 m.	Malakal h. m.	Juba h. m.
							03 02 20	03 07 25	06 08 05	06 16 02	06 05 15		
							06 02 25	06 05 25	09 01 05	09 17 03	09 05 15		
							09 05 25	09 04 35	15 02 15	15 10 10	15 05 10		
							15 06 20	15 04 10	21 09 02	21 04 05			
							21 05 20	21 05 16	24 04 05	24 05 05			
							30 03 25	24 04 15	30 02 15	33 05 20			
							33 01 30	30 04 35	33 04 20	37 06 20			
								33 04 55	39 05 20				
								33 03 50					

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. m.	Mariut h. m.	Port Sa'îd h. m.	Helwân 8 h. 45 m.	Minya 7 h. m.	Asyût 7 h. m.	Luxor h. m.	Aswân 7 h. m.	Wâdi Halfa h. m.	Abu Hamad h. m.	Kareima h. m.	Khartûm h. m.
03 29 30			02 05 10	03 07 25	02 27 20		02 36 10				
06 29 35			05 06 30	06 07 30			05 04 10				
09 28 30			08 05 40	07 04 20			10 02 25				
12 28 40			10 05 35	12 02 10			15 34 15				
15 26 30			15 05 30	18 35 15			20 34 25				
18 24 35			20 03 10	21 34 20			25 34 30				
			23 36 12	27 32 30			30 33 30				
			25 36 13	30 32 40							
			30 36 20	36 31 40							

Kassala h. m.	Port Sûdân h. m.	El Obeid h. m.	El Fâsher h. m.	Geneina h. m.	Malakal h. m.

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			

Cyprus Synoptic 8h on 2nd

30750 01863 27213 08141 20500 00131

30850 00911 26212 20130 80400 00130.

Remarks

Hours are Egyptian standard time, long. 30°E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 1st	Diff from normal	Wet bulb temp °C on 1st	Diff from normal
Alexandria	81	+16	18.9	+4.4
Ezbekiya	87	+18	17.0	+3.8
Giza	89	+17	16.6	+3.3
Helwân	79	+23	15.4	+2.7

GÎZA — Grass minimum temp. on 2nd 10.8 °C

CAIRO — Water temp. River Nile at 8h on … °C

Discharges at Aswân measured by sluices m³ per sec. Date	1947	1946
2-12	17	2141
1-12	1″	2141

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba				13.56	0.00
Nâsser				10.68	+0.76
Malakâl		12.46	+0.21	12.46	+0.20
J. Aulia Res.				377.18	—
J. Aulia D.S	٢			372.20	-0.23
Roseires		14.02	+0.65	14.04	+0.63
Sennar Res.				20.70	
Khartûm				11.54	-0.24
Kh. el Girba	١				
'Atbara		11.10	-0.04	11.10	-0.05
Kajnarti	٧			134.55	-0.63
Aswân Res.		120.86	—	120.88	—
Aswân D.S		86.42	-0.51	86.42	-0.51
Roda (Cairo)		16.54	+0.19	16.51	+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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 h. 06 m. 34
Sunset h. 16 m. 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month شهر ديسمبر 1947 ١٩٤٧

At 14h. on Tuesday 2nd (الساعة ١٤ يوم ٢) — At 20h. on 2nd (الساعة ٢٠ يوم الثلاثاء ٢)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN: Salûm																							130
Matrûh	01	9	14	3	1	4	3	13.9	25.0	40	0	50	8	14	4	5	5	9	10.7	20.6	58?	dr	131
Mariut	00	7	09	1	0	0	–	15	27	42	0	01	7	07	2	0	3	4	14	18.	100	0	150
Alexandria	01	9	12	1	2	4	8	14.8	25.0	43	0	00	5	06	2	0	0	–	13.5	19.0	81	0	132
Damietta	00	8	32	3	0	2	8	15.1	22.4	72	0	00	7	08	1	0	0	–	15.1	19.5	92	0	159
Port Sa'îd	00	7	03	2	0	2	8	15	24	65	0	00	7	05	3	0	0	–	15	20	88	0	134
El 'Arîsh																							135
LOWER EGYPT: Damanhûr	00	7	12	3	0	0	–	15.5	26.0	42	0	00	6	33	3	0	0	–	15.0	18.0	75	0	136
Mansûra	00	8	04	1	0	0	–	15.0	26.5	46	0	00	6	04	1	0	0	–	15.2	18.6	88	0	137
Tanta	00	8	00	0	1	0	–	15.1	25.0	54	0	00	8	00	0	0	0	–	15.9	17.0	90	0	138
Zagazig	00	6	32	2	0	0	–	14.7	24.2	60	0	00	6	32	2	0	0	–	15.1	17.8	82	0	139
Shebîn el Kôm	00	8	04	3	1	2	8	15.2	25.4	52	0	00	7	02	2	0	0	–	15.0	18.3	81	0	—
MIDDLE EGYPT: Cairo Almâza	00	7	04	2	0	0	–	13.8	24.6	50	0	00	7	05	3	0	0	–	14.2	19.7	66	0	141
Cairo Ezbekîya	00	8	04	2	0	0	–	14.3	24.3	66	0	00	7	04	3	0	0	–	14.6	18.9	80	0	—
Cairo Gîza	00	8	04	2	0	0	–	14.3	23.7	65	0	00	7	04	3	0	0	–	15.0	17.8	85	0	—
Helwân	00	7	06	2	0	0	–	13.6	25.7	26	0	00	7	04	4	0	0	–	14.5	20.4	57	0	143
Suez	00	9	32	1	0	0	–		25.1	43	0	00	9	00	0	0	0	–		19.8	65	0	144
UPPER EGYPT: Faiyûm	00	8	00	0	0	0	–	14.0	26.0	42	0	00	8	02	1	0	0	–	14.3	17.7	77	0	153
Minya																							154
Asyût	00	7	22	1	4	0	–	14.3	23.5	56	0	00	6	22	1	0	0	–	14.6	17.3	68	0	155
Nag' Hamâdi	00	8	00	0	0	0	–	13.0	25.7	52	0	00	8	00	0	0	0	–	14.3	18.7	64	0	164
Qena	00	9	24	2	0	0	–	12.7	24.6	49	0	00	6	24	2	0	0	–	13.8	19.0	61	0	156
Luxor	00	9	22	2	0	0	–	13.1	28.0	27	0	00	8	02	2	0	0	0	13.6	18.5	67	0	157
Aswân	00	9	28	1	0	0	–	12.0	28.8	24	0	00	9	00	0	0	0	–	13.2	24.7	31	0	158
WESTERN DESERT: Sîwa	00	8	14	2	0	0	–	13.5	27.3	38	0	02		00	0	1	6	5	11.0	21.6	45	0	148
Bahariya	01	8	08	2	0	2	4	14.6	26.3	27	0	00	7	22	2	0	0	–	14.6	18.1	41	0	149
Khârga	00	9	32	1	0	0	–		26.1	32	0	00	9	00	0	0	0	–		19.1	48	0	151
Dakhla	01	9	00	0	0	3	1	13.1	27.3	58	0	00	8	00	0	0	0	–	14.3	21.4	62	0	152
RED SEA: Tôr	00	9	00	0	0	0	–	14.0	25.8	59	0	00	9	22	2	0	0	–	13.2	25.1	62	0	145
Hurghâda	00	9	04	1	0	1	8	13	24	54	0	00	8	30	1	0	0	–	14	21	69	0	146
Quseir	00	8	32	2	0	0	–	13.4	24.6	80	0	00	8	32	2	0	0	–	13.6	22.8	75	0	147
Port Sûdân	00	8	02	4	0	3	8	10	27	70													208
NORTH SÛDÂN: Wâdi Halfa	00	8	02	2	0	0	–	12	29	23													165
Kareima	00	8	06	2	0	0	–	10	31	26													166
'Atbara	00	8	32	2	0	0	–	8	32	29													167
Khartûm	00	8	30	2	0	0	–	8	33	23													209
Kassala	00	8	26	3	0	2	8	6	34	29													170
CENTRAL SÛDÂN: Wad Medani	00	8	30	4	0	0	–	6	34	27													171
Renk	00	9	32	2	0	0	–	7	33	25													182
Roseires	00	8	30	1	0	0	–	6	37	24													172
El Obeid	01	8	00	0	0	4	2	7	33	23													174
El Fâsher	01	8	00	0	1	2	1	—	31	28									—				175
Geneina	00	8	04	2	0	2	2	—	32	20									—				179
Kadugli	00	8	04	1	0	0	–	8	35	22													187
S. SÛDÂN: Malakâl	01	8	04	2	1	4	4,1	7	35	25													176
Wâu	02	8	28	2	1	5	4,5	6	35	27													177
Juba	02	8	32	2	1	8	2,6,2	5	34	24													1·3

At 8h. on Wednesday 3rd (الساعة ٨ يوم الاربعاء 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.	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												—		—				22
Matrûh	00	8	24	4	6	0	–	11.5	-6.5	15.2	26	+5	14	+2	82	R	–	41
Mariut	00	7	18	1	0	0	–	12		17	27	—	15	—	88	5	26	37
Alexandria	00	9	10	4	0	0	–	11.5	-7.0	17.8	26	+4	16	+2	79	0	67	44
Damietta	01	8	12	1	1	4	6	12.4	-5.1	19.2	23	—	15	—	69	0	10	22
Port Sa'îd	01	7	12	3	2	5	4	14		17	25		17		60	0	6	16
El 'Arîsh																	dr	18
LOWER EGYPT: Damanhûr	00	6	16	3	0	0	–	12.2	-6.4	15.8	27	+4	15	+4	78	0	15	17
Mansûra	01	8	08	1	1	3	6	12.7	-5.4	15.0	27	+3	13	+1	89	0	8	10
Tanta	00	8	13	1	0	0	–	12.8	-5.9	15.0	26	+3	11	+1	93	0	1	8
Zagazig	01	6	13	2	1	3	8	12.4	-6.2	15.8	25	+1	13	+3	87	0	3	7
Shebîn el Kôm	47	3	00	0	4	9	–	12.4	-6.1	14.2	28	—	12	—	92	0	1	—
MIDDLE EGYPT: Cairo Almaza	00	7	16	2	0	3	4	12.7	-5.6	18.2	25	—	15	—	53	0	2	—
Cairo Ezbekîya	00	7	12	1	0	0	–	12.8	-5.5	16.8	25	+2	14	+2	64	0	14	4
Cairo Gîza	00	7	12	1	0	0	–	12.8	-5.5	18.2	25	+2	13	+3	70	0	19	6
Helwân	00	7	14	1	0	1	4	13.2	-5.7	17.9	26	+4	17	+5	48	0	9	4
Suez	00	9	00	0	0	0	–			19.2	26	+2	14	+1	73	0	2	6
UPPER EGYPT: Faiyûm	00	8	18	2	0	0	–	13.6	-5.1	16.8	27	+3	13	+3	64	0	4	0
Minya																	dr	—
Asyût	00	7	12	1	0	0	–	15.0	-3.9	15.8	26	+2	12	+3	71	0	0	2
Nag' Hamâdi	00	8	00	0	0	0	–	15.8	-1.7	17.3		—	18	—	62	0	0	—
Qena	00	7	32	2	0	0	–	15.1	-2.8	15.6	27	0	12	+1	64	0	0	—
Luxor	00	9	02	2	0	0	–	15.2	-2.3	20.0	29	+1	10	+1	47	0	0	—
Aswân	00	9	00	0	0	0	–	15.9	-1.7	21.0	30	+3	16	+2	52	0	0	—
WESTERN DESERT: Sîwa	00	7	00	0	0	0	–	13.5	-6.1	12.8	28	+5	11	+4	85	0	dr	1
Bahariya	00	8	16	1	1	2	5	13.2	-6.3	17.2	27	+4	11	+3	41	0	dr	2
Khârga	00	9	00	0	0	0	–			17.3	27	+1	15	+5	51	0	0	—
Dâkhla	00	8	00	0	0	0	–	15.4	-3.7	16.0	29	+4	10	+1	66	0	0	—
RED SEA: Tôr	00	9	04	1	0	0	–	14.4	-2.4	18.1			12	+1	51	0	0	4
Hurghâda																	0	2
Quseir	00	8	26	2	0	0	–	14.4	-2.3	22.3	26	0	18	0	65	0	0	3
Port Sûdân	00	8	28	3	0	3		14		25			20		70	0	169	60
NORTH SÛDÂN: Wâdi Halfa	00	8	00	0	0	0	–	16		17			11		46	0	0	—
Kareima	00	9	04	2	0	0	–	16					15			0	0	1
'Atbara	00	8	32	2	0	0	–	14		20			14		41	0	dr	2
Khartûm	00	8	02	2	0	3	1	14		23			18		18	0	dr	4
Kassala	00	8	04	1	0	0	–	12		27			16		55	0	dr	8
CENTRAL SÛDÂN: Wad Medani	01	7	02	4	1	3	1	13		26					32	0	7	12
Renk	01	9	32	4	1	4	1	12		22		—		—	31	—	—	49
Roseires	00	8	28	1	0	0	–	10		20					73	0	33	36
El Obeid																0	1	16
El Fâsher	00	8	00	0	1	2	1	—	—	12			12		39	0	0	6
Geneina								—	—			—		—		—	—	4
Kadugli	01	8	22	1	1	4	1	13		24		—		—	47	—	—	19
S. SÛDÂN: Malakâl																0	53	87
Wâu																0	48	142
Juba																20	45	126

UPPER WINDS ON 2nd (الرياح العليا يوم ٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa h. m.	Kareima 13h. m.	Khartûm 12h. 45m.	Kassala 13h. m.	El Obeid 12h. m.	Malakal 13h. m.	Juba 12h. m.
								03 05 15	06 35 15	06 34 25	06 01 10	03 36 15	06 34 15
								06 03 15	09 34 15	09 33 10	09 04 15	09 03 15	09 35 15
								09 03 15	15 35 15	15 22 10	—	15 01 15	15 04 05
								15 03 35	18 35 15	21 27 15		21 36 15	21 11 10
								21 01 20		24 27 30		24 26 15	24 03 20
								30 36 40		30 26 35		30 36 15	30 07 15
								39 32 15		33 26 20		33 34 05	33 08 15
								45 22 25		36 29 20		✓	45 10 15
								60 29 10		45 32 20			60 09 05

UPPER WINDS ON 3rd (الرياح العليا يوم ٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh 7h. m.	Mariut h. m.	Port Sa'îd h. m.	Helwân 8h. 30m.	[illegible] 7h. m.	Asyût 7h. m.	Luxor 7h. 15m.	Aswân h. m.	Wâdi Halfa 7h. m.	Abu Hamad 7h. m.	Kareima 7h. m.	Khartûm 6h. m.
03 29 55			03 15 10	03 22 40	02 15 20	03 04 05		03 03 05	06 06 20	03 07 15	06 03 30
06 29 35			05 18 40	06 22 40	05 17 25	09 26 05		06 01 15	09 06 30	06 05 25	09 04 25
09 28 25			08 19 35	12 24 50	10 21 30	15 31 30		09 24 10	15 04 20	09 06 15	12 04 05
12 26 20			10 20 35	15 24 45	15 22 35	21 22 25		15 34 30	21 04 25	15 04 25	15 04 45
			15 21 50	21 24 45	✓	27 31 30		21 33 30	30 03 20	21 04 30	21 34 10
			20 24 40	24 25 50		30 30 40		30 33 49	36 01 40	30 34 30	✓
			23 25 50	30 26 65		36 29 65		39 31 45	✓	39 35 50	
			25 25 35	33 26 65		39 30 60		45 31 55		45 34 45	
			30 24 35	36 26 65		42 31 90		54 32 85		60 32 60	

Kassala h. m.	Port Sûdân h. m.	El Obeid 7h. 15m.	El Fâsher 7h. 15m.	Geneina h. m.	Malakal h. m.
		06 03 35	09 03 20		
		09 04 50	15 06 20		
		15 05 30	21 05 20		
		21 33 10	30 07 25		
		30 30 05	33 08 25		
		33 30 15			

Cyprus Synoptic 8h on 3rd
44724 00932 18202 14124 80208 00970
44600 01990 26214 15120 92602 00950

Upper Air Temp Almâza at GMT on — Height feet	PPP mb	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 2nd	Diff from normal	Wet bulb temp °C on 2nd	Diff from normal
Alexandria	78	+13	17.8	+3.4
Ezbekiya	82	+13	17.4	+4.4
Giza	85	+12	16.9	+3.8
Helwân	71	+14	14.8	+2.3

GÎZA — Grass minimum temp. on 3rd 10.0 °C

CAIRO — Water temp. River Nile at 8h on ... °C

Discharges at Aswân measured by sluices m³ per sec — Date	1947	1946
2-12	1736	2141
2-12	1736	2141

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	3-12			12.56	0.00
Nâsser				10.67	+0.78
Malakâl		12.46	+0.22	12.46	+0.21
J. Aulia Res				377.18	–
J. Aulia D.S				372.20	-0.21
Roseires				10.02	+0.65
Sennar Res.				20.72	–
Khartûm				11.53	-0.23
Kh. el Girba					
'Atbara		11.10	-0.03	11.10	-0.04
Kajnarti		134.47	-0.59		
Aswân Res.		120.87	–	120.86	–
Aswân D.S		86.41	-0.52	86.42	-0.51
Roda (Cairo)		16.54	+0.22	16.54	+0.19

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

Printed by the Survey of Egypt. 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 06 36
Sunset h. m. 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month December 1947 — شهر ديسمبر ١٩٤٧

At 14h. on Wednesday 3rd — الساعة ١٤ يوم ٣ / At 20h. on 3rd — الساعة ٢٠ يوم الاربعاء ٣

	STATION	14h Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14h mms	20h Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20h mms	Station number
MEDITERRANEAN	SALÛM																							130
	MATRÛH	00	8	26	4	0	0	–	11.2	21.0	50	0	00	7	16	3	0	0	–	11.9	17.3	58	0	131
	MARIUT	01	7	24	4	0	5	8	11	22	74	0	00	7	24	3	0	0	–	13	19	73		150
	ALEXANDRIA	02	8	20	5	1	5	8	10.6	21.2	75	0	00	5	20	4	0	0	–	13.5	19.0	59	0	132
	DAMIETTA	00	8	12	2	0	0	–	10.0	24.4	70	0	00	7	24	1	0	0	–	12.8	18.7	84	0	159
	PORT SA'ÎD	00	8	18	2	0	0	–	11	26	37	0	00	7	25	4	0	0	–	12	20	64	0	134
	EL 'ARÎSH																							135
LOWER EGYPT	DAMANHÛR	00	7	28	4	0	0	–	11.2	23.3	50	0	00	7	28	3	0	0	–	13.0	15.7	75	0	136
	MANSÛRA	00	8	20	1	1	0	–	10.7	26.0	42	0	00	6	28	2	0	0	–	12.7	17.8	80	0	137
	TANTA	00	8	20	2	0	0	–	11.0	24.2	38	0	01	8	20	1	1	8	8	13.2	13.2	93	0	138
	ZAGAZIG	00	6	32	3	0	0	–	10.7	25.2	41	0	00	6	32	2	0	0	–	12.8	16.8	79	0	139
	SHEBÎN EL KÔM	01	8	02	3	1	4	8		26.2	46	0	00	7	02	2	1	0	–		18.1	80	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	20	2	0	0	–	10.5	26.2	38	0	00	7	20	2	1	0	–	13.2	18.8	57	0	141
	CAIRO EZBEKÎYA	00	8	18	2	0	0	0	11.4	25.7	36	0	00	7	00	0	0	0	–	13.8	17.3	61	0	—
	CAIRO GÎZA	00	8	18	2	0	0	–	11.6	26.5	35	0	00	7	00	0	0	0	–	14.2	16.6	66	0	—
	HELWÂN	00	8	20	3	0	0	–	11.2	25.2	32	0	00	7	00	0	0	0	–	13.8	18.2	52	0	143
	SUEZ	00	9	16	1	0	0	–		24.8	61	0	00	9	00	0	2	0	–	–	19.9	50	0	144
UPPER EGYPT	FAIYÛM	00	8	26	4	0	0	–	11.0	26.5	28	0	00	8	30	1	0	0	–	13.4	16.3	67	0	153
	MINYA												00	7	00	0	0	0	–	14	15	59	0	154
	ASYÛT	00	8	22	1	0	0	–	12.4	28.8	24	0	00	6	22	1	0	0	–	14.4	17.9		0	155
	NAG' HAMÂDI	00	8	24	1	0	0	–	11.9		38	0	00	8	00	0	0	0	–	14.3	20.8	43	0	164
	QENA	00	9	24	1	0	0	–	11.9	25.3	42	0	00	6	24	2	0	0	–	14.0	19.0	63	0	156
	LUXOR	00	9	22	2	0	0	–	12.0	28.5	31	0	00	8	10	2	0	0	–	13.4	21.0	49	0	157
	ASWÂN	00	9	00	0	0	0	–	12.3	31.5	23	0	00	9	00	0	0	0	–	14.6	26.0	30	0	158
WESTERN DESERT	SÎWA	00	8	20	3	0	0	–	14.2	24.0	37	0	00	8	00	0	0	0	–	14.6	13.8	61	0	148
	BAHARÎYA	01	8	24	2	1	4	5	13.0	20.0	20	0	00	7	24	1	1	0	–	15.1	15.0	49	0	149
	KHÂRGA	00	9	32	1	0	0	–		28.2	33	0	00	9	32	1	0	0	–		22.7	22	0	151
	DAKHLA	00	9	28	2	0	0	–	12.7	26.4	51	0	00	8	00	0	0	0	–	14.3	19.6	57	0	152
RED SEA	TÔR	00	9	16	1	0	0	–	12.7	25.8	68	0	00	9	16	1	0	0	–		21.9	63	0	145
	HURGHÂDA	00	9	10	2	0	0	–	12	27	45	0	00	9	16	2	0	0	–	14	22	65	0	146
	QUṢEIR	00	8	08	3	0	0	–	12.8	25.4	75	0	00	8	04	2	0	0	–	14.4	23.7	81	0	147
	PORT SÛDÂN	00	9	04	3	0	2	8	12	28	45													208
NORTH SÛDÂN	WÂDI HALFA	00	8	00	0	0	0	–	12	30	12													165
	KAREIMA	00	8	02	3	0	0	–	11	32	17													166
	'ATBARA	00	7	04	2	0	0	–	10	32	21													167
	KHARTÛM	00	8	04	3	0	3	1	9	34	9													209
	KASSALA	00	8	30	3	0	2	1	4	34	25													170
CENTRAL SÛDÂN	WAD MEDANI	01	8	30	4	1	3	1	7	36	12													171
	RENK	02	9	32	3	0	0	–		35	25													182
	ROSEIRES	00	8	30	1	0	0	–	8	37	24													172
	EL OBEID	02	8	06	2	1	8	2	8	33	19													174
	EL FÂSHER	00	9	04	3	0	2	1	–	33	18									–				175
	GENEINA	00	8	04	1	0	0	–	–	33	16									–				179
	KADUGLI	01	8	04	1	0	5	1	8	34	23													187
S. SÛDÂN	MALAKÂL	02	8	30	2	1	5	8,4,2	9	33	26													176
	WÂU																							177
	JUBA																							[illegible]

At 8h. on Thursday 4th — الساعة ٨ يوم الخميس ٤

	STATION	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar pressure M.S.L. 1000+ mbs.	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												—		—				23
	MATRÛH	02	8	18	3	2	8	5	14.2	-3.9	15.0	21	0	14	+2	56	0		42
	MARIUT	01	7	20	2	0	4	2	14		16	23	—	14	—	59	0	26	38
	ALEXANDRIA	02	9	20	2	1	5	4	14.8	-3.7	16.4	23	+1	15	+1	45	0	67	46
	DAMIETTA	01	6	18	1	1	3	3	15.0	-2.6	13.4	26	—	10	—	78	0	10	24
	PORT SA'ÎD	05	6	19	3	1	5	4	16		16	27		15		59	0	6	16
	EL 'ARÎSH																	dr	19
LOWER EGYPT	DAMANHÛR	01	6	20	3	1	5	3	14.6	-4.0	13.2	25	+2	12	+1	81	0	15	18
	MANSÛRA	01	8	12	1	1	4	5	15.2	-2.9	12.0	27	+4	10	-1	76	0	8	10
	TANTA	01	8	20	1	1	4	8	16.0	-2.8	13.0	27	+4	11	+1	66	0	1	8
	ZAGAZIG	00	6	24	2	0	0	–	15.5	-3.1	12.8	28	+5	12	+2	77	0	3	7
	SHEBÎN EL KÔM	09	6	02	1	4	3	8			14.3	28	—	11	—	84	0	1	—
MIDDLE EGYPT	CAIRO ALMAZA	01	7	15	2	1	4	5	15.9		14.9	27	—	13	—	60	0	1	—
	CAIRO EZBEKÎYA	05	5	12	2	1	4	1	16.8	-2.1	13.8	27	+4	13	+1	60	0	14	4
	CAIRO GÎZA	05	5	12	2	1	4	1	16.7	-1.7	13.7	27	+5	11	+2	77	0	19	6
	HELWÂN	05	5	00	0	1	4	1	17.2	-1.7	15.0	26	+4	12	0	49	0	9	4
	SUEZ	02	9	00	0	2	7	5			18.3	26	+3	12	-1	59	0	2	6
UPPER EGYPT	FAIYÛM	00	7	00	0	0	0	–	17.4	-1.4	13.5	27	+3	10	0	59	0	4	0
	MINYA	00	7	17	1	0	2	1	17		11	28		7		62	0	dr	—
	ASYÛT	01	7	20	1	1	4	1	17.9	-1.1	14.1	29	+6	10	+1	56	0	0	2
	NAG' HAMÂDI	00	8	00	0	0	0	–	17.8	+0.2	14.4		—		—	63	0	0	—
	QENA	00	7	24	2	0	0	–	17.2	-0.8	15.0	27	0	12	+1	67	0	0	—
	LUXOR	00	9	06	2	0	0	–	16.8	-0.8	18.0	30	+3	10	+1	53	0	0	—
	ASWÂN	00	9	00	0	0	0	–	17.0	-0.7	19.0	32	+5	16	+3	44	0	0	—
WESTERN DESERT	SÎWA	01	7	02	1	0	3	1	16.4	-3.2	9.8	25	+2	9	+2	52	0	dr	1
	BAHARÎYA	01	7	16	1	0	3	5	17.1	-2.4	11.8	24	+1	6	-2	56	0	dr	2
	KHÂRGA	00	9	00	0	0	0	–			14.8	31	+5	10	0	51	0	0	—
	DÂKHLA	00	7	00	0	0	0	–	18.0	-1.2	13.7	28	+3	8	-1	69	0	0	—
RED SEA	TÔR	00	9	00	0	0	0	–	15.8	-1.1	19.9			16	+4	47	0	0	4
	HURGHÂDA	00	9	26	3	0	0	–	16		18	23		15		52	0	0	2
	QUSEIR	00	8	24	2	0	0	–	15.4	-1.4	22.0	27	+1	19	+1	43	0	0	3
	PORT SÛDÂN																	169	61
NORTH SÛDÂN	WÂDI HALFA																	0	—
	KAREIMA																	0	1
	'ATBARA																	dr	2
	KHARTÛM																	dr	4
	KASSALA																	dr	8
CENTRAL SÛDÂN	WAD MEDANI																	7	12
	RENK												—		—		—	—	49
	ROSEIRES																	33	36
	EL OBEID																	1	16
	EL FÂSHER								—	—								0	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI												—		—		—	—	87
S. SÛDÂN	MALAKÂL																	53	87
	WÂU																	48	142
	JUBA																	45	127

UPPER WINDS ON 3rd — الرياح العليا يوم ٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 11 h. 30 m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 12 h. m.	KAREIMA 12 h. 15 m.	KHARTÛM 13 h. m.	KASSALA 12 h. 20 m.	EL OBEID 13 h. m.	MALAKAL 12 h. m.	JUBA 13 h. m.
		03 20 20					03 22 25	03 03 25	06 03 25	06 36 10	06 03 30	06 01 10	06 13 10
		06 20 30					06 25 25	06 03 15	09 03 25	09 35 10	09 03 15	09 02 05	09 13 15
		09 21 35					09 26 25	09 36 10	15 03 25	15 30 30	15 04 20	15 03 10	15 07 02
		12 21 15					15 33 20	15 08 25	21 03 30	21 35 30	21 05 25	21 03 10	21 09 10
		15 22 20					21 30 20	21 02 20	24 03 25	24 35 30	24 06 20	24 03 10	24 02 20
		21 22 40					24 31 20	24 01 20	27 03 25	30 36 30	27 07 30		30 01 30
		27 21 35					30 32 35	30 36 15	30 07 15	33 36 30	30 07 25		33 02 25
		30 22 40					39 32 45	33 34 20	33 06 15	39 36 25	33 06 20		39 05 35
		36 23 40					45 33 55	39 35 30	39 04 25		39 10 20		45 06 20

UPPER WINDS ON 4th — الرياح العليا يوم ٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 8 h. 15 m.	HELWÂN 9 h. m.	[illegible] 7 h. m.	ASYÛT 7 h. m.	LUXOR 6 h. 45 m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
		03 26 35	02 15 10	03 23 10	02 15 20	03 36 15	02 01 15				
		06 24 20	05 20 15	06 26 10	05 17 30	06 36 25	05 36 40				
		09 23 15	08 21 25	09 25 15		09 33 10	10 36 10				
		12 25 20	10 19 25	12 20 10		12 28 30	15 30 15				
		15 26 20	15 24 10	15 26 05		15 29 20	20 30 25				
			20 26 25	18 29 20		18 30 20					
			23 26 15	24 27 45							
			25 27 34	30 28 55							
			30 30 40	36 28 50							

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

UPPER AIR TEMP — ALMÂZA — AT G.M.T. ON

HEIGHT FEET	PPP m.b.	TT °F	°F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 4th
34751 02858 23268 12141 20308 44101
34800 05690 18225 12130 96108 01121

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	54	-11	16.2	+1.9
Ezbekiya	26	-13	14.4	+1.5
Gîza	61	-12	15.2	+2.2
Helwân	45	-12	13.7	+1.3

GÎZA — GRASS MINIMUM TEMP. ON 4th 28 °C

CAIRO — WATER TEMP. RIVER NILE AT 9h. ON. °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
4-12	1736	2026
3-12	1736	2141

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba		—	—	12.57	+0.02
Nâsser				10.66	+0.20
Malakâl		12.07	+0.24	12.06	+0.22
J. Aulia Res.				377.19	—
J. Aulia D.S.				372.19	-0.21
Roșeires		13.96	+0.68	14.00	+0.70
Sennar Res.				20.72	—
Khartûm				11.54	-0.21
Kh. el Girba					
'Atbara		11.09	-0.02	11.10	-0.03
Kajnarti				134.47	-0.59
Aswân Res.		120.86	—	120.87	—
Aswân D.S.		86.44	-0.53	86.41	-0.52
Roda (Cairo)		16.54	+0.25	16.54	+0.22

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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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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. 36 m.
Sunset 16 h. 55 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

STATION	At 14h. on THURSDAY 4th (الساعة ١٤ يوم ٤) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force 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 4th (الساعة ٢٠ يوم الخميس ٤) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force 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	03	8	22	2	2	8	5	12.7	19.7	42	0	03	8	22	2	2	8	5	13.2	17.7	51	0	131
MARIUT	05	6	21	3	1	5	2	13	22	36	0	02	7	17	1	2	5	4,5	14	15	72	0	150
ALEXANDRIA	02	8	20	2	2	5	6	13.5	21.2	43	0	02	5	12	2	2	6	8	14.2	17.7	56	0	132
DAMIETTA	02	7	20	1	1	6	6	14.2	22.2	46	0	01	6	14	1	1	4	5	14.7	16.6	75	0	159
PORT SA'ÎD	05	6	20	2	1	5	5	15	23	41	0	05	6	13	2	2	8	4,5	15	19	64	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	02	7	28	4	2	5	3	14.3	24.0	46	0												136
MANSÛRA	01	8	20	1	1	4	6	14.6	24.0	37	0	00	6	28	1	1	0	—	14.7	16.6	75	0	137
TANTA	02	8	00	0	1	5	8	15.4	23.6	39	0	01	8	20	1	1	4	8	15.8	16.5	60	0	138
ZAGAZIG	00	6	32	2	0	0	—	15.2	22.6	51	0	00	6	32	2	0	0	—	15.1	18.2	65	0	139
SHEBÎN EL KÔM	01	8	18	3	1	4	5	14.7	26.2	34	0	01	7	02	1	1	4	6	14.8	17.7	57	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	05	6	21	2	1	4	1	14.5	24.0	36	0	02	7	14	3	1	7	2	14.9	19.4	43	0	141
CAIRO EZBEKÎYA	01	8	20	1	0	3	1	15.0	23.7	34	0	01	7	18	1	1	3	1	15.2	18.4	48	0	—
CAIRO GÎZA	01	8	20	1	0	3	1	15.2	23.5	36	0	01	7	18	1	1	3	1	15.8	17.6	53	0	—
HELWÂN	05	6	20	1	1	5	1	15.1	24.5	36	0	00	7	14	2	0	3	1	15.6	19.2	36	0	143
SUEZ	00	9	00	0	0	0	—		23.1	45	0	00	9	32	1	0	0	—		19.7	56	0	144
UPPER EGYPT																							
FAIYÛM	02	8	00	0	2	5	6	15.1	22.0	36	0	02	8	24	1	2	5	6	15.6	17.0	52	0	153
MINYA	05	6	00	0	0	0	—	15	24	32	0	05	6	15	1	6	0	—	16	15	59	0	154
ASYÛT	00	8	30	1	1	0	—	15.1	23.1	38	0	00	6	22	1	0	0	—	15.9	15.1	62	0	155
NAG' HAMÂDI	00	8	24	1	0	0	—	14.4	26.3	36	0	00	8	00	0	0	0	—	16.0	14.9	69	0	164
QENA	01	9	24	2	0	4	1	14.0	24.3	37	0	00	6	24	2	1	0	—	16.4	14.4	74	0	156
LUXOR	01	9	22	2	1	4	2	14.4	26.1	30	0												157
ASWÂN	00	9	00	0	0	0	—	13.4	29.6	22	0	00	9	00	0	0	0	—	15.5	24.0	36	0	158
WESTERN DESERT																							
SÎWA	01	8	28	2	1	4	2	14.8	23.5	40	0	02		00	0	1	6	5	14.6	16.3	51	0	148
BAHARÎYA	01	8	16	2	0	3	5	14.3	26.0	24	0	00	7	16	1	1	0	—	15.4	16.3	40	0	149
KHÂRGA	00	9	00	0	0	0	—		24.1	31	0	00	9	00	0	0	0	—		16.8	43	0	151
DAKHLA	01	8	00	0	1	4	5	14.3	26.0	48	0	00	8	00	0	0	0	—	15.9	19.7	66	0	152
RED SEA																							
TÔR	00	9	28	1	0	0	—	14.2	25.7	43	0	00	9	00	0	0	0	—	14.8	20.5	55	0	145
HURGHÂDA	01	8	02	1	0	4	1	14	24	61	0	00	8	00	0	1	0	—	15	19	78	0	146
QUSEIR	00	8	32	2	0	2	2	14.6	25.6	59	0	01	8	04	2	0	3	4	14.0	22.6	81	0	147
PORT SÛDÂN	00	9	04	3	0	0	—	14	27	68													208
NORTH SÛDÂN																							
WÂDI HALFA	01	8	02	2	1	3	1	13	29	18													165
KAREIMA	00	8	06	2	0	0	—	11	34	16													166
'ATBARA	00	8	08	2	0	0	—	10	33	20													167
KHARTÛM	00	8	04	3	0	0	—	9	37	07													209
KASSALA	00	8	02	3	0	0	—	8	34	20													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	02	4	0	2	1	7	36	12													171
RENK	00	8	04	3	0	0	—	8	35	35													182
ROSEIRES	00	8	30	1	0	0	—	6	37	24													172
EL OBEID	00	8	02	4	0	1	2	8	34	07													174
EL FÂSHER	00	8	08	4	0	0	—	=	33	15								=					175
GENEINA	00	8	04	2	0	0	—	=	33	14								—					179
KADUGLI	00	8						7	36	16													187
S. SÛDÂN																							
MALAKÂL	01	8	08	2	1	2	8,1	6	40	19													176
WÂU	01	8	02	2	1	4	8,4	6	34	30													177
JUBA	01	8	26	1	1	4	8	8	32	41													173

STATION	At 8h. on FRIDAY 5th (الساعة ٨ يوم الجمعة ٥) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	00	9	22	4	0	0	—	13.8	-4.3	14.0	20	-1	13	+1	57	0	—	43
MARIUT	02	7	16	1	2	5	4,5	14		16	24	—	14	—	59	0	26	39
ALEXANDRIA	02	7	14	2	2	5	5	14.2	-4.3	16.4	22	0	15	+1	51	0	67	48
DAMIETTA	02	7	16	1	2	5	6	13.8	-3.8	16.6	24	—	11	—	69	0	10	25
PORT SA'ÎD	05	6	19	2	2	4	4,5	15		18	23		15		52	0	6	17
EL 'ARÎSH																	dr.	19
LOWER EGYPT																		
DAMANHÛR	02	6	24	3	2	5	4	14.6	-4.0	14.3	23	0	12	+1		0	15	19
MANSÛRA	01	8	18	1	1	4	6	14.2	-4.0	14.8	24	+1	14	+3	65	0	8	10
TANTA	02	8	16	1	1	5	8	14.8	-4.0	17.0	25	+2	12	+2	57	0	1	8
ZAGAZIG	02	6	20	2	2	5	8	14.8	-3.9	16.4	25	+2	13	+3	64	0	3	7
SHEBÎN EL KÔM	09	6	14	2	0	4	8			15.3	27	—	13	—	59	0	1	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	6	13	2	0	5	4,5	13.9		18.0	24	—	15	—	44	0	1	—
CAIRO EZBEKÎYA	02	8	00	0	1	5	6	14.7	-3.7	14.8	24	+1	14	+3	57	0	14	4
CAIRO GÎZA	02	8	00	0	1	5	6	15.5	-3.0	17.2	24	+2	13	+4	52	0	19	6
HELWÂN	02	6	00	0	2	6	4	15.0	-4.0	16.0	22	0	15	+3	49	0	9	4
SUEZ	02	9	16	1	2	5	5			18.4	26	+3	15	+3	69	0	2	6
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	7	5	15.2	-3.7	14.5	25	+1	12	+2	57	0	4	0
MINYA	05	6	15	2	2	7	4,5	15		13	25		10		67	0	dr.	—
ASYÛT																	0	2
NAG' HAMÂDI	00	8	00	0	0	0	—	16.6	-1.1	18.6		—		—	55	0	0	—
QENA	01	7	32	1	0	3	1	16.7	-1.4	14.8	27	+1	10	0	45	0	0	—
LUXOR	01	9	06	1	1	3	1	16.6	-1.1	17.4	28	∓1	10	∓1	49	0	0	—
ASWÂN	00	9	00	0	0	0	—	17.1	-0.6	21.8	31	+4	15	+2	44	0	0	—
WESTERN DESERT																		
SÎWA	00	7	24	2	0	2	1	15.0	-4.7	14.2	25	+2	9	+3	57	0	dr.	1
BAHARÎYA	02	7	32	1	2	5	4	14.6	-6.0	13.6	26	+3	11	+3	50	0	dr.	2
KHÂRGA	00	9	00	0	0	0	—			16.8	25	-1	10	0	45	0	0	—
DÂKHLA	00	8	00	0	0	0	—	16.3	-2.9	16.7	28	+3	11	+2	72	0	0	—
RED SEA																		
TÔR	02	6	04	3	0	6	8	15.0	-1.9	15.8			11	+2	51	0	0	4
HURGHÂDA	01	8	26	2	0	5	2	15		19					56	0	0	2
QUSEIR	01	8	30	2	0	2	4	15.4	-1.5	21.0	26	0	18	+1	77	0	0	3
PORT SÛDÂN	00	8	24	2	0	0	—	16		24			19		65	0	169	62
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	0	—	16		17			15		46	0	0	—
KAREIMA	00	8	06	2	0	0	—	16		21			17		28	0	0	1
'ATBARA	00	8	32	1	0	0	—	16		21			16		43	0	dr.	2
KHARTÛM	00	8	04	2	0	0	—	14		22			18		25	0	dr.	4
KASSALA	00	8	00	0	0	0	—	13		24			16		34	0	dr.	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	06	4	0	0	—	15		22					38	0	7	12
RENK	00	9	02	3	0	0	—	13		24		—		—	21	—	—	49
ROSEIRES	00	8	30	1	0	0	—			18					56	0	33	36
EL OBEID	00	8	02	3	0	1	1	13		23			17		14	0	1	16
EL FÂSHER								—	—							0	0	6
GENEINA								—	—			—		—				4
KADUGLI	00	8	28	2	0	0	—	13		26		=		=	21	—	=	89
S. SÛDÂN																		
MALAKÂL	01	8	02	3	1	3	4	13		23			17		29	0	53	87
WÂU																0	48	142
JUBA	01	7	16	3	1	5	4	13		26			22		74	0	45	127

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA 13h. m.	EL OBEID 13h. m.	MALAKAL 13h. m.	JUBA 13h. m.
							09 12 05	09 06 15	09 03 20	09 03 20	09 05 20	09 05 20	09 36 06
							15 30 05	15 07 10	15 06 16	15 04 15	15 05 26	15 05 10	15 08 13
							21 30 15	21 03 20	21 06 26	21 04 20	21 06 35	21 03 20	21 04 10
							30 33 30	30 01 28	24 06 10	30 04 15	30 07 30	30 04 25	30 06 18
							33 32 30	33 03 26	30 05 20	33 04 15	33 07 30	33 04 30	
							39 31 30	39 01 35	33 05 25	39 32 05	39 08 15	39 14 20	
							45 31 30	45 33 25		45 31 10			
								60 30 34					

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 7h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	~~ASYÛT~~ SIWA 8h. 45m.	~~LUXOR~~ Baharia 7h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA 7h. m.	KHARTÛM 6h. m.
03 28 30					03 32 20	03 18 20				03 06 20	06 04 30
06 28 32					06 30 20	06 19 30				06 06 40	09 04 30
09 30 30					09 29 30	09 21 35				09 06 35	15 04 30
12 30 25					12 29 30	12 23 40				15 05 30	21 03 25
					15 28 35	15 24 35				21 01 30	24 03 30
					18 28 40	18 25 30				24 36 35	
					21 28 50	21 26 30				30 01 24	
					24 28 55	24 27 40				33 36 30	
						27 25 30				39 30 10	

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.
06 09 05					
09 07 10					
15 02 30					
21 02 25					
24 01 30					
30 01 30					
33 01 30					

UPPER AIR TEMP — ALMÂZA

AT ... G M T ON ...

HEIGHT FEET	P P P mb	T T °F	t t °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON

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	46	-19	12.7	-1.4
Ezbekiya	47	-22	12.7	-0.1
Giza	62	-11	13.2	+0.4
Helwân	37	-20	11.8	-0.4

GÎZA — GRASS MINIMUM TEMP ON 5th 8.6 °C

CAIRO — WATER TEMP RIVER NILE AT 8h ON ... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	6-12-47	13.66	+0.12	13.59	+0.04
Nâsser				10.64	+0.83
Malakâl		12.47	+0.25	12.47	+0.24
J. Aulia Res.				377.15	—
J. Aulia D.S.				372.20	-0.19
Roseires		13.92	+0.67	13.96	+0.68
Sennar Res.					
Khartûm		11.56	-0.21	11.55	-0.21
Kh. el Girba					
'Atbara		11.09	-0.01	11.09	-0.02
Kajnarti		134.41	-0.50	134.44	-0.54
Aswân Res.		120.83	—	120.86	—
Aswân D.S.		86.41	-0.52	86.40	-0.53
Roda (Cairo)		16.56	+0.30	16.54	+0.35

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	5/12	1736	2026
	4/12	1736	2026

PRESENT WEATHER ww

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick ,, ,, ,, ,, 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
,, of Snow 83, 84
,, of Sleet 85, 86
,, of Hail 88, 89
Thunderstorm 90-99
,, ended, now Rain 91
,, with Hail 94-96
,, with Duststorm 98
,, heavy, with Hail 99

PAST WEATHER (W)

Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)

Objects not visible at
50 metres 0
200 ,, 1
500 ,, 2
1 Kilometre 3
2 ,, 4
4 ,, 5
10 ,, 6
20 ,, 7
50 ,, 8
Visible over 50 kms. 9

CLOUD 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 6 h. 39 m.
Sunset 16 h. 55 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month: شهر ديسمبر 1947 ١٩٤٧

At 14h. on FRIDAY (الساعة ١٤ يوم ٥) / At 20h. on 5th (الساعة ٢٠ يوم (الجمعة) ٥)

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	26	3	0	0	–	13.1	19.4	62	0	00	9	24	1	0	0	–	15.0	16.5	68	0	131
	MARIUT	01	7	32	2	0	3	2	12	20	60	0	00	7	24	1	0	0	–	14	17	64	0	150
	ALEXANDRIA	02	8	20	3	2	6	1	12.8	21.0	60	0	00	5	24	4	0	0	–	14.7	18.8	58	0	132
	DAMIETTA	01	7	18	1	1	3	3	12.6	23.7	43	0	00		12	1		0	–	13.5	16.0	77	0	159
	PORT SAÏD	05	6	26	1	0	4	4	13	24	47	0	05	6	14	2	0	0	–	14	18	83	0	134
	EL ʿARÎSH																							135
Lower Egypt	DAMANHÛR	00	6	24	3	0	0	–	13.2	23.6	48	0	00	6	24	2	0	0	–	13.8	17.3	77	0	136
	MANṢÛRA	01	8	24	1	1	3	6	12.4	24.5	36	0	00	6	04	1	1	0	–	14.2	15.8	75	0	137
	ṬANṬA	01	8	20	1	1	4	8	13.2	25.1	44	0	01	8	00	0	1	4	8	15.0	13.0	78	0	138
	ZAGAZIG	00	6	32	2	1	2	8	13.5	23.4	52	0	00	6	32	2	0	0	–	15.1	19.1	63	0	139
	SHEBÎN EL KÔM	01	7	18	3	1	4	4	12.7	27.3	32	0	00	7	18	2	1	0	–	15.0	16.7	66	0	—
Middle Egypt	CAIRO ALMÂZA	06	6	18	4	1	4	2	12.6	24.3	34	0	00	7	22	1	0	0	–	14.6	18.8	47	0	141
	CAIRO EZBEKÎYA	01	8	18	1	1	3	1	13.0	24.0	27	0	00	7	00	0	0	0	–	14.4	17.3	56	0	—
	CAIRO GÎZA	01	6	18	1	1	3	1	13.0	23.8	31	0	00	7	00	0	0	0	–	14.8	14.0	71	0	—
	ḤELWÂN	05	5	18	1	0	3	1	13.4	22.1	33	0	00	6	10	2	0	0	–	14.6	18.7	31	0	143
	SUEZ	01	9	16	1	1	4	5		22.7	50	0	00	9	00	0	0	0	–		19.7	61	0	144
Upper Egypt	FAIYÛM	02	8	00	0	2	6	4	12.4	24.4	35	0	00	8	02	1	0	0	–	13.6	16.9	62	0	153
	MINYA	02	7	17	2	1	7	4		26	30	0	00	7	31	2	0	0	–	14	16	63	0	154
	ASYÛT	01	8	04	1	1	4	1	13.0	26.3	35	0	00	6	04	1	1	0	–	14.0	17.7	64	0	155
	NAGʿ ḤAMÂDI	00	8	32	4	0	0	–	13.1	22.7	32	0	00	8	00	0	0	0	–	14.4	15.8	72	0	164
	QENA	01	9	08	1	1	3	–	13.0	25.0	28	0	01	6	32	1	1	3	1	14.2	17.6	68	0	156
	LUXOR	00	9	02	2	0	0	–	13.0	26.2	25	0	00	8	06	1	0	0	–	14.8	18.0	57	0	157
	ASWÂN	00	9	00	0	0	0	–	12.4	30.0	33	0	00	9	00	0	0	0	–	13.9	25.0	28	0	158
Western Desert	SÎWA	00	7	28	3	0	0	–	15.1	23.3	48	0	00	7	28	1	0	0	–	16.7	12.8	68	0	148
	BAHARÎYA	01	8	28	1	1	3	4	13.0	25.8	26	0	00	7	32	1	0	0	–	14.8	19.5	31	0	149
	KHÂRGA	00	9	00	0	0	0	–		27.7	29	0	00	9	00	0	0	0	–	–	26.6	24	0	151
	DAKHLA	00	8	12	1	0	0	–		31.7	49	0	00	8	00	0	0	0	–	14.7	22.0	59	0	152
Red Sea	ṬÔR	02	6	16	3	0	0	–	13.4	25.8	62	0		6	16	3	0			—	23.8	64	0	145
	HURGHÂDA	01	8	10	1	1	5	4,6	14	25	66	0	00	8	00	0	1	0	–	14	21	74	0	146
	QUṢEIR	01	8	08	2	0	4	1	14.4	24.3	83	0	00	8	06	2	0	0	–	14.4	23.2	81	0	147
	PORT SÛDÂN	00	9	08	3	0	2	8	13	27	66	0												208
North Sûdân	WÂDI ḤALFA	00	8	28	1	0	0	–	12	33	12	0												165
	KAREIMA	00	8	08	2	0	0	–	11	33	10	0												166
	ʿAṬBARA	00	8	04	2	0	0	–	10	33	12	0												167
	KHARṬÛM	00	8	04	3	0	1	1	9	33	10	0												209
	KASSALA																							170
Central Sûdân	WAD MEDANI	00	8	02	2	0	2	1	8	36	14	0												171
	RENK	00	9				0	–	7	35	15	0												182
	ROSEIRES	00	8	28	1	0	0	–	8	35	18	0												172
	EL OBEID	00	8	04	2	0	2	4	9	32	9	0												174
	EL FÂSHER	00	8	08	2	0	2	1	—	33	10	0								—				175
	GENEINA	00	8	04	2	0	2	1	—	33	14	0								—				179
	KADUGLI	00	8	04	2	0	0	–	7	35	12													187
S. Sûdân	MALAKÂL	00	8	08	3	0	3	4	8	33	32	0												176
	WÂU	00	7	06	4	1	3	1	7	36	15	0												177
	JUBA	02	8	32	1	8	6	4,6,2	9	26	79	R												[illegible]

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	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												—		—				
	MATRÛH	01	9	22	3	1	3	6	17.5	-0.7	13.9	20	-1	12	0	66	0		44
	MARIUT	00	7	19	1	0	0	–	17		16	24	—	12	—	77	0	26	40
	ALEXANDRIA	00	8	20	2	0	0	–	17.2	-1.3	18.4	23	+1	17	+3	63	0	67	50
	DAMIETTA	04	6	16	2	0	0	–	16.6	-1.1	14.3	24	—	11	—	87	0	10	25
	PORT SAÏD	05	6	23	3	0	0	–	17		18	26		16		78	0	6	17
	EL ʿARÎSH																	dr	20
Lower Egypt	DAMANHÛR	00	6	24	3	0	0	–	17.1	-1.5	13.8	25	+2	12	+1	72	0	15	20
	MANṢÛRA	00	8	24	1	0	0	–	17.4	-0.8	13.0	26	+3	11	0	89	0	8	11
	ṬANṬA	00	8	00	0	0	0	–	17.9	-0.9	13.0	26	+3	9	-1	77	0	1	9
	ZAGAZIG	00	6	20	2	0	0	–	17.6	-1.1	13.6	25	+2	10	0	85	0	3	7
	SHEBÎN EL KÔM	09	6	22	1	4	0	–	16.6	-2.1	12.9	28	—	11	—	76	0	1	—
Middle Egypt	CAIRO ALMAZA	05	6	12	1	0	0	–	17.7	-0.8	14.4	24	—	11	—	76	0	1	—
	CAIRO EZBEKÎYA	00	6	00	0	0	0	–	17.8	-0.7	14.0	24	+1	12	+1	73	0	14	5
	CAIRO GÎZA	00	6	00	0	0	0	–	18.6	+0.1	17.0	25	+3	8	-1	65	0	19	6
	ḤELWÂN	05	5	00	0	0	0	–	18.3	-0.7	13.8	23	+1	11	0	67	0	9	4
	SUEZ		8	32	1	2					15.3	24	+1	12	0	69	0	2	0
Upper Egypt	FAIYÛM	09	6	00	0	0	0	–	18.2	-0.7	15.8	26	+2	10	0	62	0	4	0
	MINYA	05	6	00	0	0	0	–			13	27		8		67	0	dr	—
	ASYÛT																	0	2
	NAGʿ ḤAMÂDI	00	8	00	0	0	0	–	17.6	-0.2	16.8		—		—	56	0	0	—
	QENA	00	7	30	2	0	0	–	17.0	-1.1	16.2	26	0	12	+2	59	0	0	—
	LUXOR	00	9	22	1	0	0	–	16.8	-1.0	18.0	29	+2	11	+2	57	0	0	—
	ASWÂN	00	9	00	0	0	0	–	16.7	-1.1	20.9	32	+5	16	+3	43	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	–	19.1	-0.6	10.2	24	+1	7	+1	70	0	dr	1
	BAHARÎYA	00	8	00	0	0	0	–	18.8	-0.9	12.5	28	+5	8	0	49	0	dr	2
	KHÂRGA	00	9	00	0	0	0	–			16.9	31	+5	14	+5	43	0	0	—
	DÂKHLA	00	8	00	0	0	0	–	18.4	-0.9	17.3	32	+2	13	+5	61	0	0	—
Red Sea	ṬÔR	02	6	04	3	0	0	?	16.2	-0.2	19.2			16	+5	77	0	0	4
	HURGHÂDA	00	8	26	1	0	0	–	15		19	26		16		83	0	0	2
	QUSEIR	00	8	20	2	0	0	–	15.2	-1.7	21.0	27	+2	17	0	82	0	0	3
	PORT SÛDÂN	00	9	30	1	0	3	8	16		26			21		70	0	169	63
North Sûdân	WÂDI ḤALFA	00	7	00	0	0	0	–	16		19			13		40	0	0	—
	KAREIMA	00	8	02	1	0	0	–	16		19			15		37	0	0	1
	ʿAṬBARA	00	8	32	1	0	0	–	14		21			15		44	0	dr	2
	KHARṬÛM	00	8	02	2	0	0	–	14		22			17		31	0	dr	4
	KASSALA	00	8	32	2	0	0	–	14		22			13			0	dr	8
Central Sûdân	WAD MEDANI	00	8	06	4	0	0	–	14		21					43	0	7	12
	RENK	00	8	30	1	0	0	–	14		19		—		—	52	—	—	49
	ROSEIRES	00	8	30	1	0	0	–	13		14					48	0	33	36
	EL OBEID																	1	16
	EL FÂSHER	00	8	00	0	0	0	2	—	—	16			5		26	0	0	6
	GENEINA	00	8	02	2	0	0	–	—	—	16		—	11	—	24	—	—	4
	KADUGLI	00	8	04	3	0	0	–	13		22		—		—	61	—	—	39
S. Sûdân	MALAKÂL																	53	87
	WÂU	02	8	00	0	1	6	4	13		20			18		64	0	48	142
	JUBA																R	45	128

UPPER WINDS ON 5th (الرياح العليا يوم ٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARṬÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	12 h. 30 m.	13 h. m.	h. m.	13 h. m.	13 h. m.	13 h. m.
							03 18 10	03 07 20	09 05 30		06 06 30	06 09 15	09 05 30
							06 17 05	06 07 25	15 05 30		09 05 36	09 10 15	15 06 15
							09 16 05	09 08 25	21 11 15		15 06 36	15 08 20	21 07 10
							15 16 05	15 08 30	30 15 15		21 06 30	21 06 20	30 11 10
							21 27 05	21 04 15	39 21 15		30 11 10	30 07 15	33 10 15
							30 33 36	30 01 25					39 11 10
							39 30 40	39 34 20					
							45 30 36	45 25 10					
								40 24 40					

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	GAMMEIZA	SIWA	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARṬÛM
7 h. m.	7 h. m.	6 h. 45 m.	8 h. 45 m.	7 h. m.	7 h. 45 m.	7 h. 45 m.	7 h. m.	7 h. 30 m.	7 h. m.	7 h. m.	5 h. 15 m.
03 30 15	03 34 15	03 29 30	02 33 02	03 35 05	03 28 05	03 03 10	02 01 15	03 13 10	06 10 15	03 08 40	06 07 30
06 31 20	06 38 30	06 28 20	05 33 20	06 35 10	09 30 10	06 34 20	05 36 10	06 08 10	09 07 25	06 06 30	09 06 30
09 29 20	09 33 20	09 27 10	08 32 40	09 35 10	12 29 25	09 30 10	10 06 05	09 04 05	15 04 25	09 04 30	15 05 35
12 30 25	12 32 25	12 25 15	10 32 45	12 35 10	15 28 25	12 27 20		15 34 15		15 03 25	21 04 40
15 29 25	15 32 25	15 24 20	15 29 30	15 31 15	21 29 35	15 24 15		21 29 15			
18 28 30		18 25 20	20 29 35	18 28 25	24 28 35	18 25 15		30 32 20			
		21 25 20		21 28 30	27 30 40	21 26 15		39 03 25			
		24 24 30		24 28 40	30 30 40						
		27 22 30		27 28 50	33 29 50						

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.
	03 07 05	06 03 30	09 06 25	09 08 30	06 01 20
	06 08 10	09 04 25	15 08 40	15 11 40	09 03 30
	09 10 15	15 05 40	21 10 20	21 08 30	15 05 35
	15 12 05	21 05 15	39 06 35	30 05 30	21 04 50
	21 04 20		45 04 25	39 03 25	
	30 02 15		60 35 10		
	39 29 10		75 26 20		

UPPER AIR TEMP — ALMÂZA

AT ... G.M.T. ON ...

HEIGHT FEET	PPP mb	TT °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 6th
34700 09790 28210 15144 20307
34800 00800 12210 17111 00207

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 5th	Diff from normal
Alexandria	60	-15	13.9	-0.1
Ezbekiya	49	-20	12.7	+0.1
Gîza	54	-19	12.8	+0.2
Helwân	35	-22	11.8	-0.3

GÎZA — GRASS MINIMUM TEMP ON 6th 5.7 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON ... °C

Discharges at Aswân measured by sluices m³ per sec.		
DATE	1947	1946
6.12	1736	2026
6.12	1736	2026

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from norma m.
Jûba	6.12.47			13.66	+0.12
Nâsser					
Malakâl		12.47	+0.26	12.47	+0.25
J. Aulia Res.					
J. Aulia D.S					
Roseires		13.86	+0.63	13.92	+0.67
Sennar Res.					
Khartûm				11.56	-0.21
Kh. el Girba					
ʿAtbara		11.09	00.00	11.09	-0.01
Kajnarti		134.37	-0.51	134.41	-0.50
Aswân Res.		120.82	—	120.83	—
Aswân D.S		86.41	+0.52	86.41	-0.52
Roda (Cairo)		11.58	+0.31	11.56	+0.30

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 or Haze .08
Distant Fog .09
Rain in sight .10
Thunder, no rain .11
Distant Duststorm .12
Squally .14
Slight Duststorm .18
Rain in past hour .20-29
Slight Thunderstorm .28
Heavy Thunderstorm .29
Duststorm .30-34
Fog or Thick Haze .40-49
Mod. Fog in last hour .41
Thick ,, ,, ,, ,, .42
Fog in patches .49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
,, of Snow 83, 84
,, of Sleet 85, 86
,, of Hail 88, 89
Thunderstorm 90-99
,, ended, now Rain .91
,, with Hail 94-96
,, with Duststorm 98
,, heavy, with Hail .99

PAST WEATHER (W)

Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)

Objects not visible at
50 metres 0
200 ,, 1
500 ,, 2
1 Kilometre 3
2 ,, 4
4 ,, 5
10 ,, 6
20 ,, 7
50 ,, 8
Visible over 50 kms. 9

CLOUD 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 6 h. 37 m.
Sunset 16 h. 55 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on SATURDAY 6 (الساعة ١٤ يوم ٦) and At 20h. on 6 (الساعة ٢٠ يوم (السبت) 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	22	2	0	3	8	17.1	21.1	69	0	00	9	00	0	0	0	-	19.2	16.8	82	0	131
Mariut	00	7	22	2	0	0	-	17	23	57	0	00	7	00	0	0	3	8	19	16	88	0	150
Alexandria	00	8	20	1	0	0	-	17.0	21.4	67	0	01	5	28	2	1	3	4	19.6	19.0	63	0	132
Damietta	01	8	28	3	1	3	6	16.4	21.0	65	0	02	7	32	1	2	7	6	18.4	18.2	85	0	159
Port Sa'îd	05	6	24	2	0	0	-	17	22	65	0	00	7	28	2	0	0	-	18	19	78	0	134
El 'Arîsh																							135
LOWER EGYPT																							
Damanhûr	00	7	24	2	0	2	8	17.4	23.4	43	0	00	6	24	2	0	0	-	18.7	17.3	82	0	136
Manşûra	01	8	04	2	1	4	8	16.7	23.0	57	0	00	6	02	2	1	0	-	19.4	18.8	80	0	137
Tanta	00	8	24	2	1	3	8	17.6	22.0	50	0	01	8	00	0	1	3	8	19.5	14.4	90	0	138
Zagazig	02	6	04	2	2	5	8	16.6	21.6	62	0	00	6	32	2	0	0	-	18.8	16.4	85	0	139
Shebîn el Kôm	00	8	28	3	0	0	-	17.1	24.0	40	0	00	7	28	1	0	0	-	17.2	15.6	75	0	—
MIDDLE EGYPT																							
Cairo: Almâza	00	7	28	1	0	0	-	17	22	50	0	00	7	00	0	0	0	-	19.0	16.4	64	0	141
Cairo: Ezbekîya	00	8	30	2	0	0	-	17.2	22.2	41	0	00	7	00	0	0	0	-	19.2	15.9	66	0	—
Cairo: Gîza	00	8	30	2	0	0	-	17.8	22.6	42	0	00	7	00	0	0	0	-	19.8	15.1	70	0	—
Helwân	05	5	28	3	0	0	-	17.5	21.3	35	0	00	6	28	1	0	0	-	19.4	16.1	52	0	143
Suez	00	9	08	1	0	0	-		22.7	48	0	00	9	32	1	0	0	-		19.2	74	0	144
UPPER EGYPT																							
Faiyûm	00	8	30	1	0	0	-	17.4	22.5	36	0	00	8	30	1	0	0	-	18.8	15.7	69	0	153
Minya	00	8	32	3	0	0	-	17	24	32	0	00	7	00	0	0	0	-	18	15	68	0	154
Asyût	00	8	26	1	0	0	-	16.4	25.1	31	0	00	6	28	1	0	0	-	18.8	16.3	66	0	155
Nag' Hamâdi	00	8	24	1	0	0	-	15.4	26.3	35	0	00	8	00	0	0	0	-	17.5	16.6	71	0	164
Qena	00	9	24	2	0	0	-	14.2	25.8	31	0	00	6	24	2	0	0	-	16.7	19.0	54	0	156
Luxor	00	9	26	2	0	0	-	14.8	28.8	27	0	00	8	30	2	0	0	-		18.2	52	0	157
Aswân	00	9	00	0	0	0	-	13.5	30.4	22	0	00	9	00	0	0	0	-	16.0	25.2	29	0	158
WESTERN DESERT																							
Sîwa	00	8	20	2	0	0	-	18.3	22.3	41	0	00		00	0	0	0	-	16.8	12.7	69	0	148
Baharîya	00	8	16	1	0	0	-	16.8	24.7	20	0	00	7	00	0	0	0	-	19.2	17.5	36	0	149
Khârga	00	9	32	1	0	0	-	-	25.8	22	0	00	9	00	00	0	0	-	-	20.4	71	0	151
Dakhla	00	8	28	1	0	0	-	15.1	25.0	50	0	00	8	00	0	0	0	-	17.0	19.2	59	0	152
RED SEA																							
Tôr	01	7	28	3	0	0	-	15.0	24.5	63	0	00	7	28	3	0	0	-	16.2	18.8	51	0	145
Hurghâda	00	8	02	3	0	0	-	15	24	74	0	00	8	29	2	0	0	-	16	19	46	0	146
Quşeir	00	8	02	3	0	0	-	12.8	26.6	65	0	00	8	32	4	0	0	-	16.3	23.7	92	0	147
Port Sûdân	00	9	06	2	1	0	8	13	28	66	0												208
NORTH SÛDÂN																							
Wâdi Halfa	00	8	02	1	0	0	-	13	32	13	0												165
Kareima	00	9	06	2	0	0	-	11	33	14	0												166
'Atbara	00	8	32	2	0	0	-	10	33	15	0												167
Khartûm	00	8	04	3	0	0	-	9	33	10	0												209
Kassala	00	8	32	1	0	0	-	7	34	30	0												170
CENTRAL SÛDÂN																							
Wad Medani	00	8	32	4	0	0	-	9	36	10	0												171
Renk																							182
Roseires	00	8	30	2	0	0	-	8	37	20	0												172
El Obeid	00	8	04	3	0	1	4	8	33	7	0												174
El Fâsher	00	9	04	3	0	0	-	—	32	12	0								—				175
Geneina	00	8	04	2	0	0	-	—	32	7	0								—				179
Kadugli	00	8	20	1	0	0	-	7	35	12	0												187
S. SÛDÂN																							
Malakâl	00	8	06	3	0	1	4,1	7	35	12	0												176
Wâu																							177
Juba	02	8	02	1	1	5	4	6	33	38	0												[illegible]

At 8h. on SUNDAY 7 (الساعة ٨ يوم (الاحد) ٧)

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	Pressure 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				-								—		—				
Matrûh	00	9	18	3	0	0	-	20.2	+2.0	15.2	21	0	14	+2	56	0		45
Mariut	00	7	00	0	0	0	-	21		16	23	—	12	—	88	0	26	42
Alexandria	01	8	00	0	2	4	4	20.7	+2.2	20.0	22	0	17	+3	67	0	67	52
Damietta	00	7	16	1	1	2	9	19.8	+2.1	15.0	22	—	11	—	91	0	10	26
Port Sa'îd	05	6	22	2	0	3	9,4	21		18					83	0	6	18
El 'Arîsh																	tr	20
LOWER EGYPT																		
Damanhûr	00	6	24	2	0	0	-	20.4	+1.8	14.0	24	+1	12	+1	87	0	15	20
Manşûra	01	8	32	1	1	4	6	21.1	+2.9	14.0	24	+1	12	+1	90	0	8	11
Tanta	00	8	20	1	0	0	-	21.0	+2.1	13.0	24	+1	10	0	95	0	1	9
Zagazig	01	6	32	2	1	4	8	20.6	+1.8	13.6	25	+2	11	+1	92	0	3	7
Shebîn el Kôm	09	6	04	1	4	0	-	21.1	+2.4	12.9	26	—	12	—	83	0	1	—
MIDDLE EGYPT																		
Cairo: Almaza	00	7	00	0	0	1	1	20.9		14.2	23	—	11	—	87	0	1	—
Cairo: Ezbekîya	05	5	00	0	0	0	-	21.2	+2.7	14.2	23	0	12	+1	84	0	14	5
Cairo: Gîza	05	5	00	0	0	0	-	21.6	+3.0	15.2	24	+2	8	-1	84	0	19	6
Helwân	05	5	00	0	0	0	-	21.9	+2.1	13.7	22	0	12	+1	68	0	9	4
Suez	00	9	00	0	0	0	-			14.8	25	+2	12	0	80	0	2	6
UPPER EGYPT																		
Faiyûm	09	6	00	0	0	0	-	21.5	+2.5	13.5	24	0	9	-1	65	0	4	0
Minya	00	7	00	0	0	0	-	21		10	24		8		76	0	tr	—
Asyût																0	0	2
Nag' Hamâdi	00	8	00	0	0	0	-	19.4	+1.7	15.2	-	—	-	—	66	0	0	—
Qena	00	7	24	2	0	0	-	19.5	+1.3	14.4	27	+1	11	+1	65	0	0	—
Luxor	00	9	10	2	0	0	-	19.2	+1.3	19.0	31	+4	9	—	48	0	0	—
Aswân	00	9	32	1	0	0	-	18.4	+0.5	17.8	33	+5	16	+3	46	0	0	—
WESTERN DESERT																		
Sîwa	00	8	20	1	0	0	-	21.5	+1.7	11.0	24	+2	8	+2	64	0	tr	1
Baharîya	00	8	00	0	0	0	-	21.1	+1.4	11.5	25	+2	8	0	53	0	tr	2
Khârga	00	9	00	0	0	0	-	-	-	16.8	27	+2	11	+2	53	0	0	—
Dâkhla	00	7	00	0	0	0	-	20.7	+1.2	13.8	26	+2	9	+1	62	0	0	—
RED SEA																		
Tôr	00	9	04	1	0	0	-	17.2	+0.2	16.2			13	+2	46	0	0	4
Hurghâda	00	8	26	2	0	0	-	19		18	24		15		60	0	9	2
Quseir	00	8	30	5	0	0	-	17.0	+0.1	21.0	27	+2	19	+2	59	0	0	4
Port Sûdân	00	8	22	3	0	2	8/6	15		26			22		70	0	169	63
NORTH SÛDÂN																		
Wâdi Halfa	00	7	02	1	0	0	-	18		18			14		30	0	0	—
Kareima	00	8	02	2	0	0	-	15		21			18		35	0	0	1
'Atbara	00	8	32	2	0	0	-	14		21			17		50	0	tr	2
Khartûm	00	8	02	2	0	0	-	14		21			18		47	0	tr	4
Kassala	00	8	00	0	0	0	-	11		24			17		65	0	tr	8
CENTRAL SÛDÂN																		
Wad Medani	00	8	06	4	0	0	-	13		22					53	0	7	12
Renk	00	9	32	2	0	0	-	12		23		—		—	38	—	—	49
Roseires	00	8	22	1	0	0	-	12		12					64	0	33	36
El Obeid	00	8	31	3	0	0	-	12		22			15		19	0	1	16
El Fâsher								—	—								0	6
Geneina	00	8	04	1	0	0	-	—	—	16		—	11	—	30	—	—	4
Kadugli	00	8	22	2	0	0	-	14		25		—		—	24	—	—	89
S. SÛDÂN																		
Malakâl																	53	87
Wâu	00	9	00	0	0	0	-	12		21			17		94	0	48	142
Juba																1	26	128

Upper Winds on (الرياح العليا يوم) — 6th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa h. m.	Kareima h. m.	Khartûm h. m.	Kassala 12 h. 45 m.	El Obeid 13 h. m.	Malakal h. m.	Juba h. m.
										21 19 06	06 04 20		
										24 15 10	09 04 45		
										30 25 10	15 04 55		
										32 24 10	21 05 30		
										39 24 10	24 03 15		
										45 23 10	30 13 05		

Upper Winds on 7th (الرياح العليا يوم ٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh 7 h. m.	Mariut h. m.	Port Sa'îd h. m.	Helwân 9 h. m.	Minya h. m.	Bahria (written over printed name) 7 h. m.	Luxor h. m.	Aswân 7 h. m.	Siwa (written over Wâdi Halfa) 7 h. 15 m.	Abu Hamad 7 h. m.	Kareima 7 h. 15 m.	Khartûm 6 h. 30 m.
03 23 20			02 03 02		03 05 10		02 06 20	03 13 10	06 05 20	03 05 20	03 04 30
06 24 05			05 03 25		06 06 20		05 04 30	09 36 05	09 05 35	06 06 40	09 03 50
09 26 15			08 03 25		09 05 15		10 02 30	15 34 15	15 04 35	09 06 35	15 04 40
12 27 10			10 02 26		12 04 15		15 34 05	21 33 25	21 03 45	15 05 40	21 08 45
15 26 20			15 03 25		15 36 20		20 26 05	30 32 20	24 01 35	21 03 35	24 03 40
18 26 15			20 02 25		18 36 25		25 25 25	39 29 40		24 02 30	
			23 10 15		21 35 30		30 26 25	51 27 50		30 02 30	
			25 36 15		24 33 25		35 28 20	57 27 50		33 02 20	
			30 32 25		33 32 25		40 30 15	60 22 40		39 36 15	

Kassala 7 h. m.	Port Sûdân 7 h. m.	El Obeid 7 h. 15 m.	[illegible] (written over printed name) 7 h. m.	Geneina 7 h. m.	Malakal h. m.
06 07 10	03 01 05	06 03 40	03 03 20	09 06 20	
09 09 05	06 03 10	09 03 10	06 04 35	15 09 40	
15 12 20	09 07 15	15 04 55	15 31 05	21 09 45	
21 14 15	15 12 15	21 05 50	21 30 10	24 09 40	
24 17 05	21 12 20	24 05 30	30 30 20		
	24 14 30		33 31 20		
	30 08 20		39 33 15		
	33 05 20		45 35 15		
	39 36 40		60 25 30		

Upper Air Temp — Almâza

At ... G.M.T. on ...

Height (feet)	PPP (mb.)	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

Mean of day

Station	Humidity % on 6th	Humidity Diff from normal	Wet Bulb Temp °C on 6th	Wet Bulb Diff from normal
Alexandria	58	-7	15.8	+1.9
Ezbekiya	63	-6	13.0	+0.5
Giza	60	-13	13.7	+1.5
Helwân	55	-2	11.8	-0.2

GÎZA — Grass minimum temp on 7th: 5.7 °C

CAIRO — Water temp River Nile at 8h on ... °C

Discharges at Aswân measured by sluices m³ per sec

Date	1947	1946
7.12.	1736	2026
6.12	1736	2026

Gauges

Gauge	Date 1947	Reading m	Diff from normal m.	Previous day Reading m	Previous day Diff from normal
Jûba	7.12.1947			13.63	+0.10
Nâşşer					
Malakâl		12.47	+0.27	12.47	+0.26
J. Aulia Res				377.18	
J. Aulia D.S				372.20	-0.17
Roşeires		12.82	+0.64	12.86	+0.63
Sennar Res				20.68	—
Khartûm				11.60	-0.18
Kh. el Girba					
'Atbara		11.09	+0.00	11.09	+0.00
Kajnarti		134.34	-0.51	134.37	-0.51
Aswân Res.		120.76	-	120.22	-
Aswân D.S		86.41	-0.52	86.41	-0.52
Roda (Cairo)		16.51	+0.31	16.54	+0.31

Cyprus Synoptic 8h on 7th

34114 01252 20204 xxxx0 65208 91111

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 7 14 h. m.
Sunset 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

1417 F.C.

At 14h. on SUNDAY 7th — الساعة ١٤ يوم الأحد ٧

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	18	3	0	0	–	18.7	23.7	35	0	131
MARIUT	00	7	30	1	0	2	2	20	23	50	0	150
ALEXANDRIA	01	9	28	1	2	3	8	19.5	22.0	61	0	132
DAMIETTA	01	8	04	1	1	4	8	19.2	20.2	67	0	159
PORT SA'ÎD	01	7	31	1	0	3	8	20	21	69	0	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	01	7	26	2	1	4	8	19.8	22.8	42	0	138
MANSÛRA	01	8	32	1	1	4	8	19.2	23.5	51	0	137
TANTA	01	8	00	0	1	4	8	19.2	22.0	54	0	138
ZAGAZIG	01	6	32	2	1	4	8	18.8	22.2	63	0	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	19.4	23.4	55	0	—
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	30	2	1	4	8	18.8	22.3	52	0	141
CAIRO EZBEKÎYA	00	8	32	2	0	2	3	19.1	22.4	56	0	—
CAIRO GÎZA	00	8	32	2	0	2	8	19.4	22.1	57	0	—
HELWÂN	00	7	32	2	0	2	8	18.7	22.2	43	0	143
SUEZ	00	9	32	1	0	0	–	–	21.8	63	0	144
UPPER EGYPT												
FAIYÛM	00	8	02	2	0	0	–	18.7	23.2	39	0	153
MINYA	00	8	01	3	0	0	–	19	24	34	0	154
ASYÛT	00	8	30	1	0	0	–	17.5	23.3	35	0	155
NAG' HAMÂDI	00	8	24	1	0	0	–	15.9	25.9	37	0	164
QENA	00	9	20	1	0	0	–	15.8	24.0	40	0	156
LUXOR	00	9	04	2	0	0	–	15.1	26.0	31	0	157
ASWÂN	00	9	30	2	0	0	–	14.3	27.5	26	0	158
WESTERN DESERT												
SÎWA	00	8	20	3	0	0	–	20.2	24.6	22	0	148
BAHARÎYA	00	8	32	1	0	0	–	18.4	23.0	31	0	149
KHÂRGA	00	9	32	1	0	0	–	–	24.4	31	0	151
DAKHLA	00	8	00	0	0	0	–	16.3	25.9	47	0	152
RED SEA												
TÛR	00	9	28	4	0	0	–	15.9	23.8	53	0	145
HURGHÂDA	00	8	02	2	0	0	–	16	22	61	0	146
QUSEIR	00	8	32	4	0	0	–	16.8	24.4	62	0	147
PORT SÛDÂN	01	9	06	3	–	3	8,4	12	28	70	0	208
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	2	0	0	–	13	29	14	0	165
KAREIMA	00	8	06	3	0	0	–	10	34	16	0	166
'ATBARA	00	7	04	3	0	0	–	06	32	26	0	167
KHARTÛM	01	8	04	4	0	0	–	8	33	19	0	209
KASSALA	00	8	28	2	0	0	–	6	34	41	0	170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	02	4	0	0	–	6	35	13	0	171
RENK												182
ROSEIRES	00	8	28	1	0	0	–	8	35	22	0	172
EL OBEID	00	8	02	4	0	0	–	7	33	10	0	174
EL FÂSHER	00	8	08	3	0	0	–	—	32	14	0	175
GENEINA	00	8	04	3	0	0	–	—	33	07	0	179
KADUGLI												187
S. SÛDÂN												
MALAKÂL	01	7	06	3	1	4	4	7	34	13	0	176
WÂU	01	8	08	3	1	4	–	6	36	19	0	177
JUBA	62	8	08	2	6	8	7	12	22	61	R	1[illegible]

At 20h. on SUNDAY — الساعة ٢٠ يوم الأحد

Station	Present Weather (ww)	Visibility (v)	Wind Dir. (DD)	Wind Force (f)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	Temp. °C (TTT)	% Humidity (UU)	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	18	2	0	0	–	19.5	17.0	55	0
MARIUT	00	7	00	0	0	4	7	20	16	88	0
ALEXANDRIA	00	5	24	2	0	0	–	20.2	18.8	64	0
DAMIETTA	04	5	00	0	1	0	–	19.4	15.0	89	0
PORT SA'ÎD	00	7	05	2	0	0	–	20	19	73	0
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	00	6	20	2	1	0	–	19.9	15.3	74	0
MANSÛRA	00	6	04	2	1	0	–	20.6	16.8	77	0
TANTA	01	8	00	0	1	4	8	20.6	14.3	90	0
ZAGAZIG	00	6	32	2	0	0	–	19.9	16.2	83	0
SHEBÎN EL KÔM	00	7	02	1	0	0	–	20.4	16.8	78	0
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	02	1	0	0	–	19.8	17.9	73	0
CAIRO EZBEKÎYA	00	7	30	2	0	0	–	20.0	17.2	69	0
CAIRO GÎZA	00	7	30	2	0	0	–	20.3	16.1	74	0
HELWÂN	00	6	32	3	0	0	–	19.6	18.1	61	0
SUEZ	00	9	00	0	0	0	–	–	17.3	78	0
UPPER EGYPT											
FAIYÛM	00	8	00	0	0	0	–	19.5	16.4	69	0
MINYA	00	7	32	2	0	0	–	19	14	61	0
ASYÛT	00	6	22	1	0	0	–	18.8	15.3	65	0
NAG' HAMÂDI	00	8	00	0	0	0	–	17.0	16.7	65	0
QENA	00	6	24	2	0	0	–	16.2	17.6	63	0
LUXOR	00	7	32	2	0	0	–	16.2	17.0	68	0
ASWÂN											
WESTERN DESERT											
SÎWA	00	6	00	0	0	0	–	20.0	14.6	50	0
BAHARÎYA	00	7	00	0	0	0	–	19.6	14.5	48	0
KHÂRGA	00	9	00	0	0	0	–	–	18.7	39	0
DAKHLA	00	8	00	0	0	0	–	18.3	19.2	59	0
RED SEA											
TÛR	00	9	28	2	0	0	–		21.5	56	0
HURGHÂDA	00	8	30	4	0	0	–	17	21	74	0
QUSEIR	00	8	32	3	0	0	–	17.0	21.3	69	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES	00	8	28	2	0	0	–		21.8	56	0
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 8h. on MONDAY 8th — الساعة ٨ يوم الاثنين 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 (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												—		—				
MATRÛH	00	9	18	2	0	2	1	18.4	+0.2	15.5	24	+3	14	+2	46	0	Rain	46
MARIUT	01	7	00	0	0	4	1	20		14	24	—	12	—	88	0	26	43
ALEXANDRIA	01	9	12	2	1	4	2	19.9	+1.3	16.4	24	+2	14	0	80	0	67	54
DAMIETTA	01	7	00	0	1	3	3	19.4	+1.7	16.9	22	—	12	—	98	0	10	26
PORT SA'ÎD	05	6	04	1	0	3	8	19		19	22		16		83	0	6	18
EL 'ARÎSH																	dr	21
LOWER EGYPT																		
DAMANHÛR	01	6	12	2	1	4	3	20.3	+1.7	13.3	25	+2	11	0	78	0	15	21
MANSÛRA	01	8	04	1	1	4	6	18.4	+0.1	14.5	25	+2	12	+1	86	0	8	11
TANTA	01	8	08	1	1	4	8	19.9	+1.0	11.0	24	+1	8	-2	90	0	1	9
ZAGAZIG	01	6	32	2	2	4	8	19.5	+0.7	13.2	25	+3	9	0	94	0	3	7
SHEBÎN EL KÔM	09	7	22	1	4	4	8	20.0	+1.2	12.9	26	—	10	—	89	0	1	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	6	00	0	0	3	8	19.5	+0.9	11.4	23	—	10	—	98	0	1	—
CAIRO EZBEKÎYA	47	2	00	0	4	9	—	19.6	+1.0	15.2	24	+1	11	0	86	0	14	5
CAIRO GÎZA	47	2	00	0	4	9	—	19.8	+1.2	12.0	23	+1	10	+1	98	0	19	7
HELWÂN	42	1	04	2	4	3	1	19.4	+0.3	16.0	22	+1	11	0	81	0	9	5
SUEZ	00	9	02	1	0	3	1			18.1	24	+1	12	0	76	0	2	6
UPPER EGYPT																		
FAIYÛM	01	7	00	0	1	3	4	19.2	+0.2	15.2	24	+1	11	+2	85	0	4	0
MINYA																	dr	—
ASYÛT																	0	2
NAG' HAMÂDI	00	8	00	0	0	0	–	18.4	+0.4	13.8	–	—	13	—	80	0	0	—
QENA	00	6	24	2	0	0	–	18.2	-0.1	14.1	26	0	11	+1	79	0	0	—
LUXOR	00	9	06	2	0	0	–	17.9	-0.1	18.5	29	+2	8	-1	53	0	0	—
ASWÂN	00	9	32	1	0	0	–	17.2	-0.7	16.0	29	+3	15	+2	48	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	20.7	+0.9	10.3	25	+3	6	0	48	0	dr	2
BAHARÎYA	00	6	04	1	0	1	5	20.0	+0.2	12.0	24	+1	7	-1	48	0	dr	2
KHÂRGA	00	9	00	0	0	–	–	–	–	16.9	25	0	11	+2	64	0	0	—
DAKHLA	00	8	00	0	0	0	–	19.1	-0.4	12.0	26	+2	10	+2	74	0	0	—
RED SEA																		
TÛR	00	9	04	1	0	0	–	16.7	-0.4	14.9			10	-1	51	0	0	4
HURGHÂDA	00	8	27	2	0	0	–	17		17	23		13		60		0	2
QUSEIR	00	8	30	2	0	0	–	16.7	-0.3	20.6	25	0	18	+1	61	0	0	4
PORT SÛDÂN	01	8	30	4	1	4	8,4	–		–			–		–	0	169	64
NORTH SÛDÂN																		
WÂDI HALFA	00	8	02	1	0	0	0	17		16			13		34	0	0	—
KAREIMA	00	8	06	2	0	0	–	14		21			18		35	0	0	1
'ATBARA	00	8	22	2	0	0	–	13		22			18		74	0	dr	2
KHARTÛM	00	8	02	2	0	0	–	12		23			17		47	0	dr	4
KASSALA	00	8	02	1	0	0	–	10		26			21		62	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	02	3	0	0	–	12		23					47	0	7	12
RENK												—		—		—	—	49
ROSEIRES	00	8	14	1	0	0	–	11		19					83	0	33	36
EL OBEID	00	8	30	2	0	0	–	12		23			16		24	0	1	16
EL FÂSHER	00	8	32	1	0	0	–	—	—	17			12		39	0	0	6
GENEINA	00	8	24	3	0	0	–	—	—	17		—	11	—	28	—		4
KADUGLI	00	8	28	2	0	0	–	11		27		—		—	28	—	—	89
S. SÛDÂN																		
MALAKÂL	01	7	30	1	1	4	4,1	12		22					44	0	53	87
WÂU	00	8	32	1	0	0	–	9		20			17		73	0	48	142
JUBA	41	8	02	1	4	4	68			23			11		94	3	47	129

UPPER WINDS ON 7th — الرياح العليا يوم ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRUH	MARIUT	PORT SA'ID	ALMAZA	MINYA	LUXOR	HURGHADA	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	13h 15m	h. m.	h. m.	h. m.	13h 0 m.	13h 0 m.	13h 0 m.	13h 0 m.	12h 45m.	13h 0 m.	h. m.
			03 01 10				03 02 20	03 03 20	06 02 25	06 02 10	06 04 25	06 05 20	
			06 07 05				06 02 25	06 03 30	09 02 20	09 03 10	09 03 20	09 05 30	
			09 06 05				09 02 20	09 03 35	15 03 30	15 02 25	15 05 20	15 05 20	
			15 01 10				15 23 05	15 04 30	21 03 35	21 10 20	21 21 05	21 23 05	
			18 34 15				21 26 10	21 03 30	30 03 20	30 21 05	30 13 05	30 06 15	
			21 33 15				30 30 20	30 04 20	39 03 20	39 20 05	39 25 05	39 04 15	
			24 31 10				39 33 10	39 02 25	45 01 10		45 08 05	45 07 10	
			27 27 15				45 31 05	45 30 20	60 05 05		60 29 20	60 33 05	
			30 22 20				60 28 30	60 20 40			75 25 40		

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	SIWA	HELWAN	PORT SAID	MINYA	BAHARIYA	LUXOR	ASWAN	WADI HALFA	ABU HAMAD	KHARTUM	KHARTUM
h. m.	7h 45m.	8h 45m.	7h 30m.	h. m.	7h. 0 m.	7h 30m.	7h 0m.	7h 30m.	7h. 0 m.	6h. m.	7h 15m.
	03 16 20	02 09 15	03 03 20		03 02 15	03 05 10	03 36 15	03 01 20	06 04 25	09 03 40	03 06 20
	06 18 25	05 05 30	06 04 50		06 07 20	09 03 05	06 15	06 04 35	09 07 40	12 05 45	06 07 35
	09 18 05	10 05 25	09 02 30		09 06 20	15 22 20	10 09 15	09 03 30	12 09 30	15 05 45	09 07 40
	15 30 05	15 09 25	15 05 05		12 02 30	21 22 15	15 18 10	15 04 40	15 09 25	21 06 40	15 02 25
	21 29 05	20 04 20	21 06 20		15 03 25	30 23 20	20 22 20	21 10 35	21 03 05		21 01 30
	28 30 05	25 32 10			18 03 30	39 25 25	25 30 20	24 16 15			30 02 25
	30 29 05	30 27 10			21 03 40	45 25 30		45 31 30			39 33 15
	39 26 30	35 27 15			24 03 35	60 25 35					45 31 15
	45 25 40	40 27 20			30 24 20						

KASSALA	PORT SUDAN	EL OBEID	EL FASHER	GENEINA	MALAKAL
7h m	7h 15m	h. m.	7h m	h. m.	7h 0m
06 02 15	03 03 25		09 04 35		06 03 10
09 09 15	06 05 25		15 27 40		09 04 05
15 09 15	09 08 20		21 09 30		15 08 20
21 11 10	15 12 20		24 10 30		
	21 17 20				

UPPER AIR TEMP — ALMAZA

AT G M T ON

HEIGHT FEET	PPP mb	TT °C	TT °C
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC Rh ON 8 th.

34700 00000 28201 20131 10300 00 1
34823 01963 12213 21121 20301 00000

Remarks

Hours are Egyptian standard time, long 30° E and are two hours fast on Greenwich mean time

STATION	Mean of day Humidity % on 7th	Diff from normal	Wet Bulb Temp °C on 7th	Diff from normal	Previous day Reading	Diff from normal
Alexandria	61	-4	16.3	+2.6		
Ezbekiya	69	0	14.6	+2.2		
Giza	78	-1	14.8	+2.5		
Helwân	59	+2	13.3	+1.5		

GIZA — GRASS MINIMUM TEMP ON 8th 7.3 °C

CAIRO — WATER TEMP AT 9h — RIVER NILE ON ... °C

GAUGE	Date 1947	Reading m	Diff from normal m	Previous day Reading m	Diff from normal m
Jûba	8.12.1947				
Nasser					
Malakâl		2.47	+0.28	2.47	+0.27
J. Aulia Res				372.13	—
J. Aulia D.S				372.24	-0.12
Roseires		12.78	+0.65	12.82	+0.64
Sennar Res				20.69	—
Khartûm				11.64	-0.15
Kh. el Girba					
'Atbara		11.10	+0.01	11.09	+0.00
Kajnarti				134.34	-0.51
Aswân Res		120.72	—	120.76	—
Aswân D.S		86.41	-0.52	86.41	-0.52
Roda (Cairo)		16.92	+0.26	16.51	+0.31

Discharges at Aswân measured by sluices m³ per sec	DATE	1947	1946
	8.12	1736	2026
	7.12	1736	2026

Printed by the Survey of Egypt, 1945 (45/306)

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 6 34 h. m.
Sunset 16 55

Month DECEMBER 1948

DAILY WEATHER REPORT

شهر ديسمبر ١٩٤٨

At 14h. on MONDAY 8th — الساعة ١٤ يوم ٨ ; At 20h. on 8 — 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 8-14 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	8	22	3	0	0	–	16.7	24.8	31	0	00	8	00	0	0	0	–	16.8	17.8	55	0	131
MARIUT	00	7	22	1	1	0	–	17	24	47	0	00	7	00	0	0	0	–	18	15	88	0	150
ALEXANDRIA	00	9	24	1	0	0	–	17.4	22.8	53	0	00	5	02	2	0	0	–	18.0	18.0	71	0	132
DAMIETTA	01	8	04	2	1	3	3	17.2	20.6	70	0	00	7	24	1	1	2	6	17.5	16.0	92	0	159
PORT SA'ÎD	01	8	02	2	1	5	8	17	23	61	0	00	7	02	2	0	2	–	18	19	77	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	00	7	08	2	1	0	–	17.4	24.3	45	0	00	5	12	2	0	0	–	18.2	16.2	68	0	136
MANSÛRA	01	8	02	1	1	4	8	17.2	24.0	53	0	00	6	02	1	1	0	–	18.0	—	81	0	137
TANTA	01	8	00	0	1	3	8	17.2	22.0	62	0	00	8	00	0	1	0	–	18.4	14.4	88	0	138
ZAGAZIG	01	6	24	2	1	4	8	16.7	22.4	65	0	00	6	32	2	0	c	–	17.8	16.2	86	0	139
SHEBÎN EL KÔM	01	8	04	3	1	3	8	16.8	24.3	54	0	00	7	02	2	0	0	–	17.8	17.2	79	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	7	02	3	1	4	8	16.4	22.2	65	0	00	7	03	2	1	0	–	17.3	18.0	82	0	141
CAIRO EZBEKÎYA	00	8	28	3	0	1	8	16.6	22.2	60	0	00	7	02	2	0	0	–	17.4	17.0	82	0	—
CAIRO GÎZA	00	8	28	3	0	1	8	16.8	22.3	61	0	00	7	02	2	0	0	–	17.3	16.4	86	0	—
HELWÂN	00	8	32	4	0	1	8	16.6	22.0	50	0	00	7	02	2	0	0	–	17.2	18.6	66	0	143
SUEZ	00	9	02	1	0	0	–	—	22.2	54	0	00	9	02	1	0	0	–	—	18.5	70	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	2	0	0	–	16.2	23.0	44	0	00	8	32	2	0	0	–	16.7	17.4	75	0	153
MINYA	00	8	02	3	0	0	–	16	22	50	0	00	7	31	1	0	2	–	16	15	68	0	154
ASYÛT	—	—	—	—	—	—	—	—	—	—	—	00	6	32	1	0	0	–	16.3	15.7	72	0	155
NAG' HAMÂDI	00	8	32	1	0	0	–	14.2	24.4	46	0	00	8	00	0	0	0	–	15.0	17.4	70	0	164
QENA	00	9	24	1	0	0	–	13.5	23.1	51	0	00	6	24	2	0	0	–	15.5	18.4	36	0	156
LUXOR	00	9	30	2	0	0	–	14.4	27.0	37	0	00	8	30	2	0	0	–	15.1	18.0	53	0	157
ASWÂN	00	9	32	1	0	0	–	12.3	27.8	29	0	00	9	32	2	0	0	–	12.4	23.0	43	0	158
WESTERN DESERT																							
SÎWA	02	8	00	0	1	6	2	19.0	25.8	33	0	00	6	00	0	0	0	—	18.0	14.2	59	0	148
BAHARÎYA	01	8	32	1	1	2	5	16.7	23.5	42	0	01	7	32	1	1	3	5	17.2	19.0	63	0	149
KHÂRGA												00	9	32	1	0	0	—		18.9	53	0	151
DAKHLA	01	9	04	1	1	3	1	14.7	26.0	40	0	00	8	00	0	0	0	–	15.6	20.4	66	0	152
RED SEA																							
TÔR	00	9	28	3	0	0	—	14.6	23.9	52	0	00	9	28	2	0	0	—	13.6	19.2	54	0	145
HURGHÂDA	00	8	02	3	0	0	–	14	24	57	0	—	—	—	—	—	—	—	—	—	—	—	146
QUSEIR	00	8	02	2	0	0	–	14.8	24.0	75	0	00	8	32	2	0	0	–	14.6	21.7	78	0	147
PORT SÛDÂN																							208
NORTH SÛDÂN																							
WÂDI HALFA	00	7	02	2	0	0	–	12	22	23	0												165
KAREIMA	00	8	04	3	0	0	0	9	22	17	0												166
'ATBARA	00	8	02	1	0	0	–	7	21	31	0												167
KHARTÛM	00	8	04	2	0	0	0	6	23	19	0												209
KASSALA	00	8	30	2	0	1	8	4	24	29	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	32	4	0	0	–	4	25	22	0												171
RENK	—	—	—	—	—	—	—	—	—	—	—												182
ROSEIRES	00	8	22	1	0	0	–	5	26	24	0												172
EL OBEID	00	8	22	3	0	0	–	5	32	11	0												174
EL FÂSHER	01	8	04	2	1	3	–	—	31	22	0								—				175
GENEINA	02	8	02	2	0	2	2	—	32	41	0								—				179
KADUGLI	00	8	04	2	0	0	–	6	35	22	0												187
S. SÛDÂN																							
MALAKÂL	00	8	22	2	0	0	–	5	34	22	0												176
WÂU	00	8	06	5	0	1	8																177
JUBA	—	—	—	—	—	—	—	—	—	—	—												[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 8th — الرياح العليا يوم ٨

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13h. m.	KHARTÛM (written in) 13h. m.	KHARTÛM (struck out) h. m.	KASSALA 13h. m.	EL OBEID 13h. 05m.	MALAKAL 13h. m.	JUBA h. m.
							02 01 20	06 04 20		06 31 10	06 01 15	06 02 10	
							06 02 20	09 05 10		09 36 10	09 36 20	09 02 15	
							09 04 15	15 02 15		15 15 10	15 34 20	15 05 25	
							15 15 06	21 03 20		21 21 05	21 33 15	21 06 20	
								27 36 10		30 20 15	30 20 25	30 12 25	
								30 33 05			33 21 30	33 13 20	
								33 34 05				36 15 20	
								39 22 05					
								45 29 10					

Remarks

Hours are Egyptian standard time, long 30°E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 8th	Diff from normal	Wet Bulb Temp °C on 8th	Diff from normal
Alexandria	71	+6	15.6	+2.0
Ezbekiya	77	+8	15.7	+3.4
Giza	85	+12	14.8	+2.1
Helwân	69	+12	15.1	+3.5

GÎZA — GRASS MINIMUM TEMP ON 9th 7.1°C

Discharges at Aswân measured by sluices m.³ per sec.	DATE	1947	1946
	9.12	1736	2026
	8.12	1736	2026

CAIRO — WATER TEMP. RIVER NILE AT 8h ON °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	9.12.1947			13.76	+0.25
Nâsser				10.58	+0.97
Malakâl		12.47	+0.29	12.47	+0.28
J. Aulia Res				377.17	–
J. Aulia D S				372.25	–0.10
Roseires		13.75	+0.14	13.78	+0.65
Sennar Res				20.69	–
Khartum				11.65	–0.12
Kh. el Girba				–	–
'Atbara		11.12	+0.04	11.10	+0.01
Kajnarti				134.29	–0.64
Aswân Res		120.70	–	120.72	–
Aswân D S		86.41	–0.52	86.41	–0.52
Roda (Cairo)		16.45	+0.30	16.42	+0.25

Printed by the Survey of Egypt 1945 (45/306) (8/62)

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	Car 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												—		—				
MATRÛH	00	8	20	3	0	0	–	17.2	–1.0	15.3	25	+4	13	+1	57	0		47
MARIUT	00	7	00	0	4	0	–	18		14	25	—	12	—	95	0	26	44
ALEXANDRIA	00	7	12	1	0	0	–	17.6	–1.0	17.0	25	+3	15	+2	87	0	67	56
DAMIETTA	08	4	08	1	1	2	1	16.8	–1.0	16.5	22	—	12	—	100	0	10	27
PORT SA'ÎD	00	7	04	1	0	2	8,4	17		20	24		18		78		6	19
EL 'ARÎSH																		22
LOWER EGYPT																		
DAMANHÛR	00	5	12	2	0	0	–	17.6	–1.0	12.8	25	+3	10	–1	80	0	16	21
MANSÛRA	00	8	04	1	0	0	–	17.4	–0.9	16.0	25	+2	13	+2	87	0	8	11
TANTA	00	8	12	1	0	0	–	18.2	–0.7	11.1	25	+2	8	–1	98	0	1	9
ZAGAZIG	04	3	04	2	4	1	8	17.1	–1.2	11.8	24	+2	10	+1	100	0	3	7
SHEBÎN EL KÔM	09	6	04	1	4	0	–	18.4	–0.4	11.4	26	—	10	—	88	0	7	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	08	2	0	0	–	17.2	–1.4	13.3	23	—	11	—	96	0	1	—
CAIRO EZBEKÎYA	47	2	28	1	4	9	–	17.8	–0.8	15.2	24	+2	12	+1	88	0	14	5
CAIRO GÎZA	47	2	28	1	4	9	–	17.8	–0.9	10.8	23	+1	9	0	99	0	19	7
HELWÂN	09	6	04	2	0	0	–	17.4	–1.7	15.0	23	+2	14	+3	85	0	9	5
SUEZ	00	9	30	1	0	0	–		—	18.7	24	+1	13	+1	77	0	2	6
UPPER EGYPT																		
FAIYÛM	00	8	30	1	0	0	–	17.1	–2.0	15.0	23	0	13	+4	81	0	4	0
MINYA	05	6	31	2	0	0	–	16		13	23		11		88	0	dw	—
ASYÛT																	0	2
NAG' HAMÂDI	00	8	32	1	0	0	–	15.8	–2.3	14.3	–	—	–	—	83	0	0	—
QENA	00	7	24	2	0	0	–	15.2	–3.1	14.2	24	–2	12	+2	86	0	0	—
LUXOR	00	9	10	1	0	0	–	15.3	–1.5	17.0	28	+4	9	—	61	0	0	—
ASWÂN	01	9	02	1	1	4	1	14.3	–2.7	18.2	29	+3	15	+2	62	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	19.0	–0.9	13.8	28	+6	6	0	55	0	dw	2
BAHARÎYA	00	8	28	2	0	0	—	18.3	–1.5	12.0	25	+3	8	+1	75	0	dw	3
KHÂRGA	00	9	00	0	0	0	—			15.1	26	+1	10	+1	78	0	0	—
DÂKHLA	00	8	26	1	0	0	–	17.0	–2.5	15.2	25	+1	9	+1	77	0	0	—
RED SEA																		
TÔR	00	9	04	2	0	0	—	15.0	–2.2	15.8	25	+1	10	–1	51	0	0	4
HURGHÂDA																	0	2
QUSEIR	01	8	30	3	0	3	–	14.0	–3.1	21.6	25	0	20	+3	68	0	0	4
PORT SÛDÂN	01	8	30	3	1	4	8	12		26			22		79	0	169	[illegible]
NORTH SÛDÂN																		
WÂDI HALFA	00	8	30	1	0	2	1	14		18			17		49	0	0	—
KAREIMA																	0	1
'ATBARA	00	8	32	2	0	0	–	11		23			18		61	0	dw	2
KHARTÛM	00	7	32	2	0	0	–	10		23			21		36	0	dw	4
KASSALA	00	8	32	2	0	0	0	10		27			20		58	0	dw	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	04	4	0	0	–	9		23					41	0	7	12
RENK												—		—		—	—	42
ROSEIRES	00	9	30	1	0	0	–	7		21					41	0	33	36
EL OBEID	00	8	30	2	0	0	–	11		22			17		21	0	1	16
EL FÂSHER	00	8	00	0	0	0	–	—	—	17					56	0	0	6
GENEINA	00	8	04	1	0	0	–	—	—	16		—	12	—	59	—	—	4
KADUGLI	00	8	20	1	0	0	–	10		26		—		—	35	—	—	88
S. SÛDÂN																		
MALAKÂL																	53	87
WÂU																	48	142
JUBA																	49	130

Upper Winds are in the Code HHDDVV where HH is Height 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. m.	MARIUT (struck out) 7h. m.	PORT SA'ÎD 7h. m.	HELWÂN 8h. 45m.	MINYA h. m.	SIWA (written in) h. m.	LUXOR 7h. 30m.	ASWÂN 7h. m.	WÂDI HALFA h. m.	ABU HAMAD 7h. m.	KAREIMA h. m.	KHARTÛM 6h. m.
03 28 20	03 05 15	03 03 15			03 14 20	03 35 05	02 36 30		06 04 25		06 01 40
06 21 15	06 05 30	06 03 15	02 04 10		07 13 20	06 36 05	05 02 20		09 06 30		09 02 40
09 18 20	09 05 35	09 03 20	05 07 40		15 17 05	09 12 05	10 25 05		15 05 20		15 01 30
12 18 15	21 34 20	12 04 20	08 06 46		21 15 10	12 21 15	15 18 05		21 37 10		21 01 10
15 22 15	30 30 25	15 04 20	10 04 55		30 23 05	15 21 15	20 12 20		30 31 10		24 31 15
18 23 15	39 28 30	18 04 20	15 04 55		39 28 10	18 19 10	25 17 05				
21 24 15	51 28 40		20 03 55		51 27 30	21 20 10	30 16 05				
24 25 15	60 28 50		23 04 60		60 27 35	24 21 15					
27 25 20	66 28 50		25 05 60		69 27 55	27 22 20					

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. m.	GENEINA 7h. m.	MALAKAL h. m.
		09 05 35	09 08 35	09 11 15	
		15 07 30	15 07 30	15 06 20	
		21 07 30	21 04 20	21 03 15	
		24 08 35		33 24 20	
				39 22 40	
				45 25 10	

UPPER AIR TEMP — ALMÂZA — AT G.M.T. ON

HEIGHT FEET	PPP mb.	TT °F	Td °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 9th

34700 09690 28203 18120 70407 00112

34804 02891 18218 19120 81257 04108

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms	9

CLOUD 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 6 34
h. m.
Sunset 16 55

MINISTRY OF NATIONAL DEFENCE — METEOROLOGICAL DEPT. — EGYPT

DAILY WEATHER REPORT

Month DECEMBER 1948 — شهر ديسمبر ١٩٤٨

At 14h. on TUESDAY 9th (الساعة ١٤ يوم ٩) — At 20h. on 9th (الساعة ٢٠ يوم الثلاثاء ٩)

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN	SALUM	00																						133
	MATRÛH	00	8	04	1	0	0	-	15.8	22.1	59	0	00	8	00	0	0	0	-	16.2	16.9	69	0	131
	MARIUT	00	7	31	1	0	0	0	16	22	61	0	00	7	04	1	0	0	-	17	16	88	0	150
	ALEXANDRIA	00	9	04	2	0	0	-	16.3	21.8	59	0	00	5	08	2	0	0	-	16.8	17.7	79	0	132
	DAMIETTA	00	8	04	2	1	2	8	16.3	20.7	74	0	00	6	04	2	1	0	-	16.7	18.8	83	0	159
	PORT SA'ÎD	00	7	05	2	0	2	8	17	21	65	0	00	7	04	3	0	0	-	17	20	73	0	134
	EL 'ARÎSH																							135
LOWER EGYPT	DAMANHÛR	00	7	08	2	0	0	-	16.1	23.3	47	0	00	6	08	2	0	0	-	15.5	15.6	75	0	136
	MANSÛRA	00	8	02	2	0	0	-	16.3	24.6	53	0	00	6	04	2	0	0	-	17.0	17.0	84	0	137
	TANTA	00	8	00	0	0	0	-	16.4	23.0	56	0	00	8	00	0	0	0	-	17.5	15.1	93	0	138
	ZAGAZIG	00	6	32	3	0	0	-	16.0	23.4	69	0	00	6	32	3	0	0	-	17.4	17.4	88	0	139
	SHEBÎN EL KÔM	00	8	04	3	0	1	8	16.2	23.7	58	0	00	7	04	2	0	0	-	16.2	16.7	74	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	7	04	2	0	0	-	14.9	23.0	56	0	00	7	02	3	0	0	-	16.0	18.3	82	0	141
	CAIRO EZBEKÎYA	00	8	02	2	0	0	-	15.4	24.8	45	0	00	7	02	2	0	0	-	16.3	17.3	76	0	—
	CAIRO GÎZA	00	8	02	2	0	0	-	15.6	23.1	52	0	00	7	02	2	0	0	-	16.7	16.6	79	0	—
	HELWÂN	00	8	02	4	0	0	-	14.6	23.8	33	0	00	7	04	3	0	0	-	15.9	18.2	62	0	143
	SUEZ	00	9	02	2	0	0	-		22.8	53	0	00	9	02	1	0	0	-		17.7	79	0	144
UPPER EGYPT	FAIYÛM	00	8	02	4	0	0	-	14.2	25.0	24	0	00	8	02	1	0	0	-	15.1	17.6	71	0	153
	MINYA	00	8	01	3	0	0	-	13	24	47	0	00	7	00	0	0	0	-	14	15	68	0	154
	ASYÛT	00	8	22	1	0	0	-	14.0	22.3	61	0	00	6		1	0	0	-	14.6	16.5	74	0	155
	NAG' HAMÂDI	00	8	24	1	0	0	-	12.6	24.7	50	0	00	8	00	0	0	0	-	13.2	16.4	79	0	164
	QENA	00	9	24	2	0	0	-	12.0	23.4	49	0	00	6	24	1	0	0	-	12.3	17.3	75	0	156
	LUXOR	00	9	06	2	0	0	-	12.0	27.2	26	0	00	8	02	2	0	0	-	12.8	18.5	52	0	157
	ASWÂN	00	9	32	1	0	0	-	10.4	28.2	22	0	00	9	00	0	0	0	-	11.9	23.5	32	0	158
WESTERN DESERT	SÎWA	00	8	12	2	0	0	-	17.1	26.2	28	0	00	6	00	0	0	0	-	16.3	13.7	61	0	148
	BAHARÎYA	00	8	32	1	0	0	-	14.6	25.0	24	0	00	7	32	1	0	0	-	15.4	18.8	51	0	149
	KHÂRGA	00	9	3	1	0	0	-		24.9	36		00	9	00	0	0	0	-		19.1	52	0	151
	DAKHLA	00	9	27	1	0	0	0	12.6	24.0	17	0	00	8	00	0	0	0	-	14.4	19.2	19	0	152
RED SEA	TÔR	00	9	28	2	0	0	-	8.8	23.2	61	0	00	9	28	1	0	0	-	12.3	20.1	56	0	145
	HURGHÂDA	00	9	02	3	0	0	-	12	23	65	0	00	9	30	0	4	0	-	14	21	68	0	146
	QUṢEIR	00	8	32	3	0	0	-	12.8	24.2	80	0	00	8	32	3	0	0	-	13.2	22.0	77	0	147
	PORT SÛDÂN	01	8	02	2	2	4	8	9	29	62	R												208
NORTH SÛDÂN	WÂDI HALFA	00	8	02	2	0	2	1	10	28	25	0												165
	KAREIMA	00	8	04	3	0	2	1	7	32	26	0												166
	'ATBARA	00	8	32	2	0	2	8	5	32	29	0												167
	KHARTÛM	00	8	30	3	0	2	1	6	33	20	0												209
	KASSALA	00	8	28	3	0	0	-	3	35	25	0												170
CENTRAL SÛDÂN	WAD MEDANI	00	8	32	4	0	0	-	3	35	22	0												171
	RENK	00	9	04	3	0	0	-	4	35	29	0												182
	ROSEIRES	00	8	28	28	2	0	0	4	36	27	0												172
	EL OBEID	00	8	28	2	0	3	1	5	33	20	0												174
	EL FÂSHER	01	8	04	1	0	4	2	—	31	21	0								—				175
	GENEINA	01	8	04	2	1	5	1	—	32	09	0								—				179
	KADUGLI	00	9	04	2	0	0	-	4	35	22	0												187
S. SÛDÂN	MALAKÂL	02	8	04	3	1	5	401	4	35	29	0												176
	WÂU	01	8	06	2	1	4	24	2	36	17	0												177
	JUBA	01	8	04	2	1	5	21	2	36	21	0												173

UPPER WINDS ON 9th (الرياح العليا يوم ٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA 13 h. m.	EL OBEID 13 h. 15 m.	MALAKAL 13 h. m.	JUBA 13 h. 16 m.
							09 36 15	09 02 15	09 34 20	21 30 15	09 01 35	09 04 35	09 09 30
							15 34 10	15 01 15	15 35 30	30 26 15	15 36 30	15 05 35	15 09 35
							21 03 05	21 01 05	21 36 30	33 25 20	21 33 05	21 04 30	21 05 30
							27 30 15	27 32 05	30 35 10	39 23 25	30 35 15	30 06 20	30 11 20
							33 26 25		33 24 10	45 23 20	33 24 15	33 05 15	39 09 35
							39 26 25		39 22 10		39 22 16	39 05 05	42 09 25
							45 25 25		45 36 25			45 14 05	
							60 25 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 9th	Diff from normal	Wet Bulb Temp °C on 9th	Diff from normal
Alexandria	78	+13	16.1	+2.6
Ezbekîya	75	+6	15.3	+3.1
Gîza	82	+9	14.1	+2.2
Helwân	69	+12	12.4	+2.9

GÎZA — GRASS MINIMUM TEMP ON 10th 7.8°C

CAIRO — WATER TEMP RIVER NILE AT 9h ON °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	10.12	1736	2026
	9.12	1736	2026

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1947	m	m.	m	m.
Jûba	10.12.1947			13.77	+0.26
Nâṣṣer				10.56	+1.01
Malakâl		12.48	+0.32	12.47	+0.29
J. Aulia Res				377.19	—
J. Aulia D S				372.75	-0.09
Roṣeires		13.74	+0.18	13.75	+0.16
Sennar Res					
Khartûm				11.63	-0.13
Kh. el Girba					
'Atbara		11.14	+0.06	11.12	+0.04
Kajnarti					
Aswân Res		120.67	—	120.70	—
Aswân D.S		86.41	-0.52	86.41	-0.52
Roda (Cairo)		16.47	+0.33	16.45	+0.30

Printed by the Survey of Egypt, 1945 (45/306)(48/62)

At 8h. on WEDNESDAY 10th (الساعة ٨ يوم الاربعاء ١٠)

	STATION	Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Dry Bulb °C TTT	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												—		—				
	MATRÛH	00	9	16	3	0	0	-	17.5	-0.7	14.7	25	+5	13	+2	83	0		48
	MARIUT	00	7	00	0	0	—	—	18.		16	23	—	11	—		0	26	45
	ALEXANDRIA	00	7	68	2	0	0	-	17.9	-0.7	18.0	25	+4	15	+2	84	0	67	58
	DAMIETTA	00	7	04	3	1	0	-	17.5	-0.3	19.9	22	—	15	—	87	0	10	28
	PORT SA'ÎD	00	7	00	4	0	1	6	18		20	22		20		76		6	19
	EL 'ARÎSH																		22
LOWER EGYPT	DAMANHÛR	43	4	08	1	4	0	-	16.3	-2.3	13.8	24	+2	12	+2	96	0	15	22
	MANSÛRA	00	8	04	1	0	0	-	17.6	-0.8	18.0	26	+4	15	+5	85	0	8	12
	TANTA	00	8	04	1	0	0	-	17.8	-1.2	14.0	25	+3	10	+1	92	0	1	9
	ZAGAZIG	04	3	32	2	4	0	-	17.6	-1.3	12.4	25	+3	11	+2	100	0	3	7
	SHEBÎN EL KÔM	40	4	04	1	4	9	—	17.6	-1.2	12.4	26	—	10	—	97	0	1	—
MIDDLE EGYPT	CAIRO ALMAZA	05	6	02	2	0	2		17.4	-1.3	12.8	23	—	12	—	91	0	1	—
	CAIRO EZBEKÎYA	47	2	00	0	4	0	-	17.4	-1.3	12.8	25	+3	11	0	91	0	14	5
	CAIRO GÎZA	47	2	00	0	4	0	-	17.6	-1.2	12.2	24	+2	10	+2	99	0	19	7
	HELWÂN	09	6	04	5	0	1	6	17.1	-2.1	16.9	24	+3	11	0	79	0	9	5
	SUEZ	00	9	32	1	0	0	-			17.4	24	+1	12	+1	79	0	2	7
UPPER EGYPT	FAIYÛM	00	8	02	2	0	0	-	16.4	-2.3	16.0	25	+2	12	+3	79	0	4	0
	MINYA	05	6	30	2	0	2	1	16		12	25		8		82		dw	—
	ASYÛT																	0	2
	NAG' HAMÂDI	00	8	00	0	0	0	-	16.0	-2.2	14.8	—	—	—	—	66	0	0	—
	QENA	00	7	24	2	0	0	-	17.2	-1.2	14.4	25	-1	12	+2	83	0	0	—
	LUXOR	00	9	06	2	0	0	-	16.0	-2.2	18.2	28	+1	9	+1	60	0	0	—
	ASWÂN	00	9	00	0	0	0	-	14.8	-3.3	19.2	29	+2	16	+2	47	0	0	—
WESTERN DESERT	SÎWA	00	7	04	2	0	0	-	18.0	-1.9	12.2	26	+4	7	+1	66	0	dw	2
	BAHARÎYA	01	8	32	1	1	3	5	16.7	-3.2	14.2	25	+3	11	+4	84	0	dw	3
	KHÂRGA	00	9	32	1	0	0	-	—	—	12.1	26	+1	2	-1	76	0	0	—
	DÂKHLA	00	8	00	0	0	0	-	15.8	-3.8	14.0	25	+1	7	-1	68	0	0	—
RED SEA	TÔR	00	9	04	1	0	0	-	15.6	-1.7	15.8			12	+1	61	0	0	4
	HURGHÂDA																	0	2
	QUSEIR	00	8	30	3	0	0	-	14.3	-2.9	21.8	25	0	19	+2	68	0	0	4
	PORT SÛDÂN	62	8	02	3	6	8	7	11		23			17		95	28	195	66
NORTH SÛDÂN	WÂDI HALFA																	0	—
	KAREIMA																	0	1
	'ATBARA																	dw	2
	KHARTÛM	01	8	04	3	0	4	3	11		22			18		28	0	dw	4
	KASSALA																	dw	8
CENTRAL SÛDÂN	WAD MEDANI																	7	12
	RENK												—		—		—	—	48
	ROSEIRES																	33	36
	EL OBEID																	1	16
	EL FÂSHER	01	8	00	0	1	3	1	—	—	15					42	0	0	6
	GENEINA	00	8	02	4	0	3	2	—	—	15		—	11	—	55	—	—	4
	KADUGLI												—		—		—	—	89
S. SÛDÂN	MALAKÂL																	53	87
	WÂU																	48	142
	JUBA																	49	121

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 7 h. m.	MARIUT h. m.	PORT SA'ÎD 6 h. 45 m.	HELWÂN 8 h. 45 m.	Luxor 7 h. m.	Siwa 7 h. 45 m.	Baharia 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
03 15 40		03 05 35	02 06 50	03 02 10	03 13 40	03 06 30	02 01 10				
06 14 30		06 03 30	05 07 15	06 10 10	06 13 35	06 06 30	05 06 15				
09 14 30		09 05 35	08 07 30	09 14 10	09 13 40	09 06 25	10 04 15				
12 14 30		12 06 40	10 07 25	15 13 10	12 15 26	12 05 30	15 15 10				
15 14 20		15 06 30	15 11 10	21 16 15	15 16 15	15 02 25	20 05 10				
18 15 30			20 14 05	28 04 15	18 15 15	18 06 15	25 04 05				
21 15 20			22 17 15	30 36 10	21 14 15	21 06 10	30 35 05				
24 15 20			25 18 15	36 36 20	24 08 05	24 20 05	35 27 10				
27 15 20				42 32 20	27 05 20	27 30 20					

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON — HEIGHT FEET	PPP m.b.	TT °F	°F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h ON 10th
34700 02990 28205 19131 26307 00111
34850 02972 18116 20131 26407 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) 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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD 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 6 h. 40 m.
Sunset 16 h. 56 m.

MINISTRY OF PUBLIC WORKS

PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on WEDNESDAY 10 — الساعة ١٤ يوم الاربعاء ١٠

STATION	Present Weather ww	Visibility v	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	Humidity % UU	Rain 8-14 hr. mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	10	3	1	5	3	16.4	24.2	56	•	131
MARIUT	00	7	05	3	1	1	8	16	23	65	•	150
ALEXANDRIA	01	9	02	4	1	3	8	15.4	24.2	72	•	132
DAMIETTA	00	8	04	3	1	1	8	16.3	22.0	72	•	159
PORT SA'ÎD	00	7	06	4	0	1	8	16	21	74	•	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	01	7	04	3	1	3	8	16.6	24.3	45	•	136
MANŞÛRA	01	8	04	1	1	3	8	16.3	24.5	60	•	137
TANTA	01	8	04		1	4	8	16.3	23.5	59	•	138
ZAGAZIG	00	1		3	1	2	8	15.4	22.8	63	•	139
SHEBÎN EL KÔM	01	2	04	3	1	4	8	16.0	24.2	60	•	
MIDDLE EGYPT												
CAIRO ALMÂZA	00	8	06	4	0	•	•	15.4	23.8	100	•	141
CAIRO EZBEKÎYA								14.8	25.0	47	•	
CAIRO GÎZA	00	8	02	2	0	•	•	15.2	22.6	50	•	
ḤELWÂN	00	8	06	4	0	•	•	14.2	24.7	37	•	143
SUEZ	00	9	00	0	0	•	•		24.3	42	•	144
UPPER EGYPT												
FAIYÛM	00	8	02	1	0	•	•	14.0	26.5	34	•	153
MINYA	00	8	00	0	0	•	•	13	26	37	•	154
ASYÛT	00	8	22	1	0	•	•	13.5	23.2	50	•	155
NAG' HAMÂDI	00	8	32	1	0	•	•	12.7	26.0	48	•	164
QENA	00	9	24	1	0	2	1	12.0	24.9	49	•	156
LUXOR	00	9	02	2	0	•	•	12.8	28.0	39	•	157
ASWÂN	00	9	32	1	0	•	•	10.7	29.0	24	•	158
WESTERN DESERT												
SÎWA	01	8	12	2	0	•	•	12.4	23.6	47	•	148
BAHARÎYA	01	8	09	1	1	3	5	14.2	26.0	40	•	149
KHÂRGA	00	9	00	0	0	•	•	–	26.2	36	•	151
DAKHLA	01	8	00	0	1	3	1	12.4	26.0	61	•	152
RED SEA												
TÔR	00	9	23	2	0	•	•	14.0	24.5	68	•	145
HURGHÂDA	00	8	02	2	0	•	•	13.2	24	69	•	146
QUSEIR	00	8	32	2	0	•	•	13.5	25.2	74	•	147
PORT SÛDÂN	22	8	10	4	6	4	8,1	?	26	74		208
NORTH SÛDÂN												
WÂDI HALFA	00	8	02	2	0	3	2	10	29	25	0	165
KAREIMA	01	8	01	1	1	5	2	7	31	24	•	166
'ATBARA	02	8	28	2	1	5	2,1	6	32	28	•	167
KHARTÛM	01	8	04	4	1	4	4,8	6	32	14	•	209
KASSALA	02	8	24	2	1	7	2	3	36	27	•	170
CENTRAL SÛDÂN												
WAD MEDANI	02	8	30	4	1	7	1	4	35	13	•	171
RENK	00	8	04	3	0	•	•	4	34	41	•	182
ROSEIRES												172
EL OBEID	00	8	04	3	1	2	1	5	32	21	•	174
EL FÂSHER	01	7	04	3	1	3	2	—	31	16	•	175
GENEINA	01	8	04	1	1	4	1	—	33	21	•	179
KADUGLI	00	8	04	2	0	•	•	4	35	44	•	187
S. SÛDÂN												
MALAKÂL	01	8	06	4	1	4	4,1	3	36	17	•	176
WÂU												177
JUBA												1.3

At 20h. on 10 — الساعة ٢٠ يوم الاربعاء ١٠

STATION	Present Weather ww	Visibility v	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	Humidity % UU	Rain 14-20 hr. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	22	2	1	3	4	17.5	18.2	85	•
MARIUT	00	7	05	1	•	•	–	18	16	100	•
ALEXANDRIA	00	5	06	3	•	•	–	17.9	18.6	84	•
DAMIETTA	00	7	04	3	1	2	8	16.8	20.0	81	•
PORT SA'ÎD	00	7	04	4	•	•	–	17	21	74	
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	00	6	32	3	1	•	–	17.4	16.2	73	•
MANŞÛRA	00	6	04	2	1	•	–	17.5	17.8	88	•
TANTA	00	8	00	0	1	•	–	17.5	16.0	90	•
ZAGAZIG	00	6	32	2	•	•	–	17.3	16.6	84	•
SHEBÎN EL KÔM	00	7	04	2	•	•	–	17.1	17.4	88	•
MIDDLE EGYPT											
CAIRO ALMÂZA	00	7	04	4	•	•	–	16	19	88	•
CAIRO EZBEKÎYA	00	8	02	2	•	•	–	16.4	18.8	80	•
CAIRO GÎZA	00	8	02	2	0	•	–	16.8	17.9	85	•
ḤELWÂN	00	7	04	6	•	•	–	15.5	19.2	78	•
SUEZ	00	8	00	0	•	•	–		19.6	61	•
UPPER EGYPT											
FAIYÛM	00	8	32	1	•	•	–	15.8	18.6	62	•
MINYA	00	7	00	0	•	•	–	14	15	68	•
ASYÛT	00	6	22	1	0	•	–	13.9	16.0	69	•
NAG' HAMÂDI	00	8	00	0	•	•	–	14.0	18.2	80	•
QENA	00	6	24	2	1	•	–	13.1	18.6	86	•
LUXOR	00	8	30	2	0	•	–	12.6	19.0	57	•
ASWÂN	00	9	00	0	•	•	–	12.4	25.0	31	•
WESTERN DESERT											
SÎWA	00	6	00	0	•	•	–	16.0	17.2	74	•
BAHARÎYA	01	7	32	1	1	4	5	15.0	18.5	60	•
KHÂRGA	00	9	00	0	•	•	–	–	19.2	39	•
DAKHLA	00	8	00	0	•	•	–	14.0	19.0	67	•
RED SEA											
TÔR	00	9	28	1	0	•	–	13.6	17.8	61	•
HURGHÂDA	00	9	29	1	0	•	–	14	21	78	•
QUSEIR	00	8	28	2	0	•	–	13.5	22.3	75	•
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 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'ID	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.	h. m.	h. m.	12 h. m.	12 h. m.	12 h. m.	12 h. m.	12 h. 30 m.	12 h. m.	12 h. m.
		03 06 25					03 02 20	03 03 05	06 02 20	06 35 10	06 07 10	06 06 20	06 05 10
		06 06 30					06 03 20	06 03 10	09 36 20	09 36 10	09 05 20	09 05 30	09 05 10
		09 07 20					09 04 20	09 03 10	15 35 20	15 35 10	15 03 15	15 05 35	15 09 10
		15 06 15					15 05 05	15 05 25	21 30 35	21 35 05	21 31 20	21 05 25	21 09 15
		21 08 15					21 04 05	21 05 10	30 33 30	30 30 20	30 24 20	30 05 35	30 05 15
		30 08 15					30 11 05	30 04 10	39 37 25		39 25 30	39 03 20	39 10 20
		39 21 30					39 22 05		45 24 15		45 35 15	45 07 15	45 09 20
		45 21 40					45 26 20		60 34 15		60 34 10		
		60 26 40					60 36 30		75 30 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	1947	1946
	11.12	1736	2026
	10.12	1736	2026

STATION	Mean of day: Humidity % on 10th	Humidity Diff from normal	Wet Bulb Temp °C on 10th	Wet Bulb Temp Diff from normal
Alexandria	79	+14	17.4	+4.0
Ezbekiya	78	+9	15.6	+2.5
Gîza	85	+12	15.3	+3.6
Helwân	69	+12	16.7	+4.3

GÎZA — GRASS MINIMUM TEMP ON 11th 10.2 °C

CAIRO — WATER TEMP AT 8h; RIVER NILE ON °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	11.12.1947			13.70	+0.20
Nasser				10.74	+1.06
Malakâl		12.48	+0.33	12.48	+0.32
J. Aulia Res.				373.16	–
J. Aulia D.S				372.26	–0.02
Roseires		13.72	+0.69	13.34	+0.68
Sennar Res.				20.30	–
Khartûm		–		11.60	–0.14
Kh. el Girba				–	
Atbara				11.14	+0.06
Kajnarti		134.20	–0.50	134.22	–0.52
Aswân Res.		120.63	–	120.67	–
Aswân D.S		36.42	+0.23	36.41	–0.52
Roda (Cairo)		16.61	+0.32	16.47	+0.33

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on THURSDAY 11 — 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	Car Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff from norm. °C	Humidity % UU	Rainfall Past 24 hrs. mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM											—		—					
MATRÛH	00	9	14	1	•	2	8	17.5	-0.7	17.0	24	+4	14	+3	84	•		50
MARIUT	00	7	04	1	•	•	–	17		17	24	—	14	—	94	•	26	46
ALEXANDRIA	00	9	04	2	•	•	–	17.6	-1.0	19.6	24	+3	17	+4	72	•	67	60
DAMIETTA	00	8	04	3	1	•	–	16.8	-1.0	20.0	22	—	18	—	81	•	10	28
PORT SA'ÎD	00	7	06	5	0	3	6	17		21			20		74	•	6	20
EL 'ARÎSH																	dr	23
LOWER EGYPT																		
DAMANHÛR	00	6	12	2	0	•	–	17.6	-1.0	15.2	25	+2	13	+2	72	•	15	22
MANŞÛRA	00	8	28	1	0	•	–	17.2	-1.2	17.5	26	+4	15	+5	85	•	8	12
TANTA	00	8	04	1	0	•	–	17.6	-1.4	14.2	26	+3	12	+3	96	•	1	9
ZAGAZIG	04	3	32	2	4	•	–	16.6	-2.4	13.4	24	+2	12	+2	100	•	3	8
SHEBÎN EL KÔM	01	7	05	2	1	4	8	17.2	-1.7	15.7	25	—	13	—	92	•	1	—
MIDDLE EGYPT																		
CAIRO ALMAZA	01	7	05	4	0	3	9	16.7		18.1	24	—	13	—	89	•	1	—
CAIRO EZBEKÎYA	05	5	00	0	4	•	–	16.3	-2.5	17.0	26	+4	14	+3	90	•	14	5
CAIRO GÎZA	05	5	00		4	•	–	16.4	-2.4	16.7	24	+3	13	+4	96	•	19	7
ḤELWÂN	00	7	04	6	0	2	4	16.2	-2.9	18.0	26	+4	15	+4	80	•	9	5
SUEZ	00	9	32	1	0	•	–			19.3	26	+4	14	+2	77	•	2	1
UPPER EGYPT																		
FAIYÛM	00	8	02	2	0	1	8	15.5	-2.7	16.0	27	+4	13	+4	84	•	4	1
MINYA	05	6	32	1	0	3	4,1	15		13			9		82	•	dr	—
ASYÛT																•	2	2
NAG' HAMÂDI	00	8	24	1	0	•	–	15.2	-2.1	16.6	–	—	–	—	68	•	•	—
QENA	10	7	04	1	0	3	–	14.6	-2.3	16.0	27	+2	12	+2	63	•	•	—
LUXOR	00	9	06	2	0	•	–	15.1	-2.2	20.0	30	+4	11	+3	65	•	•	—
ASWÂN	00	9	00	0	0	•	–	13.8	-4.4	21.2	30	+4	17	+5	48	•	•	—
WESTERN DESERT																		
SÎWA	00	8	00	0	0	0	–	17.2	-2.7	14.8	25	+3	10	+4	83	•	dr	2
BAHARÎYA	01	6	32	1	0	3	6	16.4	-3.5	12.5	26	+4	9	+2	83	•	dr	3
KHÂRGA	00	9	00	0	•	•	–	–	–	15.2	29	+4	10	+1	68	•	•	—
DAKHLA	00	8	00	0	•	•	–	15.6	-4.1	13.4	26	+2	7	-1	82	•	•	—
RED SEA																		
TÔR	00	9	04	1	0	•	–	14.4	-2.4	12.2	–	–	13	+2	56	•	•	5
HURGHÂDA	01	9	26	2	0	5	2	15		13	25	–	14		62	•	•	2
QUSEIR	02	8	26	2	1	4	2	14.4	-2.8	22.0	26	+1	19	+2	61	•	•	4
PORT SÛDÂN	01	8	30	3	6	4	8	12		26			23		70	25	220	67
NORTH SÛDÂN																		
WÂDI HALFA																	—	
KAREIMA	01	8	04	3	1	5	2	10		22			21		63	•	•	1
'ATBARA	00	8	32	1	0	•	–	9		24			19		61	•	dr	2
KHARTÛM	02	8	02	2	1	7	2	9		23			20		32	•	dr	4
KASSALA	01	8	30	1	1	4	2	8		23			17		65	•	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	02	8	30	3	1	5	1	10		19					52	•	7	12
RENK	00	8	04	2	0	•	–	8		28		—		—	29			49
ROSEIRES	00	8	30	1	0	•	–	8		19					64	•	33	36
EL OBEID	00	8	30	4	0	3	1	10		23			17		31	•	1	16
EL FÂSHER	01	8	32	1	0	3	1	—	—	16			12		31	•	0	6
GENEINA	01	8	04	1	1	3	1	—	—	16		—	13	—	34	•	—	4
KADUGLI	00	8	20	1	0	•	–	10		26		—		—	36		—	89
S. SÛDÂN																		
MALAKÂL																•	53	87
WÂU	01	8	04	2	1	4	4,1	7		22			18		69	•	48	142
JUBA	01	8	00	0	1	4	4,2	8		24			21		74	•	49	132

UPPER WINDS ON 11th — الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SA'ID	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h. 45 m.	7 h. m.	h. m.	h. m.	7 h. m.	h. m.	6 h. 45 m.	7 h. m.	6 h. m.
			02.07 55	03 05 15			02 34 10		09 05 30	09 05 20	09 02 45
			05 09 20	06 08 20			05 10 20		15 06 35	15 06 20	15 02 20
			03 13 05	09 03 15			10 09 25		21 06 20	21 01 15	21 04 20
			10 09 05	12 09 15			15 16 25		33 05 20	30 30 20	27 35 15
			15 33 02	15 11 10			20 14 30		39 05 25	33 20 30	30 30 25
			20 17 15	18 11 15			25 15 35		45 09 05	39 30 25	33 28 30
			23 14 15	21 11 20					51 03 05	45 30 15	39 26 35
			25 15 15	24 12 15						48 31 30	45 26 25
			30 15 05	27 13 20						69 30 15	57 26 15

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	7 h. 15 m.	7 h. 15 m.	7 h. m.	7 h. m.	h. m.
15 06 10	09 07 25	09 02 45	09 04 30	09 07 25	
21 09 05	15 12 40	15 04 15	15 06 05	15 10 30	
24 10 05		21 34 15	21 06 05	21 10 20	
30 21 20		30 31 20	30 23 05	30 12 20	
33 21 15		33 30 20	33 23 15	33 13 20	
39 22 10		39 29 20	39 26 30		
45 24 15		45 28 20	45 19 05		

CYPRUS SYNOPTIC 8h ON 11th

347 00 00990 28200 19120 80304 00111

34810 00951 24201 21110 80207 00101

UPPER AIR TEMP ALMÂZA — AT GMT ON

HEIGHT FEET	PPP m.b.	TT °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 7 [illegible] h. m.
Sunset 16 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month *DECEMBER* 1947 — شهر ديسمبر ١٩٤٧

At 14h. on *THURSDAY 11* — الساعة ١٤ يوم ١١ — At 20h. on *11* — 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
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	10	3	1	4	8	16.0	22.7	65	•	00	8	08	1	0	•	–	16.3		85	•	131
MARIUT	00	7	04	4	•	•	–	16	24	61	•	00	7	05	1	0	•	–	16	16	95	•	150
ALEXANDRIA	00	9	06	5	•	•	–	15.5	22.9	60	•	00	5	04	2	•	•	–	15.9	18.0	78	•	132
DAMIETTA	00	8	06	3	1	2	8	15.1	21.4	78	•	00	7	04	3	1	•	–	15.5	19.5	86	•	159
PORT SAʽÎD	00	7	04	4	•	2	8	15	21	83	•	00	7	04	4	•	•	–	15	20	88	•	134
EL ʽARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	12	4	1	3	8	15.6	24.0	48	•	00	6	12	3	1	•	–	15.8	16.4	73	•	136
MANSÛRA	00	8	04	2	•	•	–	15.4	24.0	63	•	00	6	02	2	•	•	–	15.5	17.8	88	•	137
TANTA	00	8	08	3	•	•	–	15.5	24.0	60	•	01	8	00	0	•	3	8	15.9	14.8	94	•	138
ZAGAZIG	00	6	32	3	•	•	–	14.2	23.2	67	•	00	6	32	2	•	•	–	15.6	16.4	82	•	139
SHEBÎN EL KÔM	00	8	02	3	1	2	8	14.8	24.7	51	•	00	7	04	2	•	•	–	15.9	17.4	78	•	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	04	4	•	•	–	13.4	25.0	40	•	00	7	06	3	•	•	–	14.7	18.8	80	•	141
CAIRO EZBEKÎYA	00	8	02	3	•	•	–	13.8	25.8	48	•	00	6	04	2	•	•	–	14.8	19.2	81	•	—
CAIRO GÎZA	00	8	02	3	•	•	–	14.3	25.1	51	•	00	6	04	2	•	•	–	15.1	18.6	84	•	—
HELWÂN	00	7	02	3	•	•	–	13.1	26.4	34	•	00	7	04	6	•	•	–	14.3	19.3	69	•	143
SUEZ	00	9	30	1	•	•	–		26.7	38	•	00	9	30	1	•	•	–		19.2	67	•	144
UPPER EGYPT																							
FAIYÛM	00	8	00	•	•	•	–	12.7	27.0	31	•	00	8	00	•	•	•	–	13.2	20.0	70	•	153
MINYA	00	8	00	•	•	•	–	13	27	37	•	00	7	00	•	•	•	–	13	17	60	–	154
ASYÛT	00	8	28	1	1	•	–	12.8	25.5	42	•	00	6	26	1	•	•	–	13.8	18.8	60	–	155
NAG HAMÂDI	00	8	00	•	•	•	–	11.5	27.6	52	•	00	8	00	•	•	•	–	12.3	19.7	73	–	164
QENA	01	9	24	2	1	3	3	11.0	27.2	40	•	01	6	04	1	1	3	3	11.6	19.4	63	•	156
LUXOR	01	9	02	2	1	3	3	11.0	28.8	35	•	00	8	08	1	•	•	–	11.5	20.0	64	•	157
ASWÂN	00	9	00	•	•	•	–	9.3	30.7	36	•	00	9	00	•	•	•	–	11.2	26.0	30	•	158
WESTERN DESERT																							
SÎWA	00	8	00	•	•	•	–	16.2	23.8	56	•	00	6	00	•	•	•	–	15.0	14.6	85	•	148
BAHARÎYA	01	8	04	2	•	3	4	13.5	25.4	34	•	00	7	08	1	•	•	–	14.3	16.0	50	•	149
KHÂRGA	00	9	00	•	•	•	–	–	28.1	34	•	00	9	32	1	•	•	–	–	23.2	38	•	151
DAKHLA	00	9	00	•	•	•	–	11.9	26.2	53	•	00	8	00	•	•	•	–	13.0	19.8	60	•	152
RED SEA																							
TÔR	00	9	28	3	•	•	–	–	25.1	41	•	00	9	00	•	•	•	–	12.8	19.9	64	•	145
HURGHÂDA	00	9	02	1	1	2	4	12	25	58	•												146
QUSEIR	02	8	32	3	2	5	4	12.8	26.2	73	•	01	8	32	3	2	4	4	12.8	23.0	87	•	147
PORT SÛDÂN	0D	8	10	8	1	1	8,1	9	28	70	•												208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	2	•	2	8,4	9	30	33	•												165
KAREIMA	01	8	07	2	1	5	8,2		31	33	•												166
ʽATBARA	01	8	08	1	•	4	1	6	31	21	•												167
KHARTÛM	00	8	30	2	1	3	1	4	32	28	•												209
KASSALA																							170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	30	3	1	3	4	4	34	18	•												171
RENK																							182
ROSEIRES																							172
EL OBEID	00	8	32	3	•	8	1	3	33	23	•												174
EL FÂSHER	00	8	00	•	1	•	–	—	32	20	•								—				175
GENEINA	01	8	00	•	•	3	2	—	33	14	•								—				179
KADUGLI	00	8	04	2	•	•		4															187
S. SÛDÂN																							
MALAKÂL																							176
WÂU																							177
JUBA	01	7	12	1	1	6	8,4,1	2	36	26	•												[illegible]

At 8h. on *FRIDAY 12th* — الساعة ٨ يوم الجمعة ١٢

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar 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												—		—				
MATRÛH	01	9	16	1	1	5	8	14.6	-3.6	16.8	23	+3	14	+3	80	0		51
MARIUT	05	6	00	•	4	•	–	14		15		—	14	—	95	•	25	47
ALEXANDRIA																	67	62
DAMIETTA	01	8	06	2	1	4	1	13.4	-4.5	20.4	23	—	17	—	87	•	10	29
PORT SAʽÎD	05	6	07	2	0	2	1	14		21	22		20		83	0	6	20
EL ʽARÎSH																	dr	23
LOWER EGYPT																		
DAMANHÛR	01	5	08	2	1	4	3	14.6	-4.1	15.0	25	+3	13	+3	85	0	15	23
MANSÛRA	01	8	02	1	1	4	6	13.5	-4.9	17.5	26	+4	15	+5	95	•	8	12
TANTA	01	8	04	1	1	4	8	14.8	-4.2	18.0	25	+3	10	+1	98	0	1	10
ZAGAZIG	04	3	04	2	0	0	–	13.9	-5.1		25	+3	12	+3	100	0	3	8
SHEBÎN EL KÔM	40	4	12	1	4	9	—			13.8	26	—	12	—	98	0	1	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	03	2	•	4	1	13.2	-5.6	14.1	26	—	12	—	90	0		—
CAIRO EZBEKÎYA	47	3	00	•	4	9	–	13.5	-5.3	14.8	27	+5	13	+2	100	•	14	6
CAIRO GÎZA	47	3	00	•	4	9	–	13.8	-5.0	15.2	26	+5	13	+5	99	•	19	7
HELWÂN	09	3	30	1	2	6	3	13.1	-6.2	14.4	28	+7	13	+3	91	•	9	5
SUEZ	02	8	00	0	2	6	5	–	–	19.6	28	+6	12	+1	70	•	2	7
UPPER EGYPT																		
FAIYÛM	09	6	00	•	2	8	5	13.4	-5.9	14.0	28	+5	13	+4	87	0	4	1
MINYA	05	6	32	2	2	7	4	13		14	28		10		77	•	dr	—
ASYÛT	00	7	22	1	•	•	–	13.4	-6.1	16.8	27	+5	13	+5	63	•	0	2
NAG HAMÂDI	02	7	00	•	2	6	5	12.6	-5.8	17.4		—		—	67	•	•	—
QENA	01	7	24	1	1	4	3	12.3	-6.2	12.8	30	+5	14	+5	66	•	0	—
LUXOR	01	9	10	2	1	4	2	11.9	-6.5	12.0	30	+4	15	+7	75	•	•	—
ASWÂN	02	9	00	•	1	5	4	11.9	-6.3	22.2	32	+6	20	+8	64	•	0	—
WESTERN DESERT																		
SÎWA	04	6	12	3	4	8	9	14.6	-5.4	13.2	25	+3	9	+3	62	•	dr	2
BAHARÎYA	02	7	00	•	2	6	5	13.6	-6.4	12.8	27	+5	9	+2	87	•	dr	3
KHÂRGA	00	9	00	•	•	•	–	–	•	18.1	29	+4	15	+6	55	•	0	—
DÂKHLA	02	8	00	•	2	5	5	12.7	-7.1	14.4	26	+2	10	+3	63	•	0	—
RED SEA																		
TÔR	02	7	04	2	•	5	8	12.6	-4.8	17.9	26	+3	12	+1	52	•	•	5
HURGHÂDA	01	9	26	2	•	6	2	13		20	25		16		53	•	•	2
QUSEIR	02	8	22	2	1	5	5	12.7	-4.6	22.4	27	+2	20	+3	72	0	0	4
PORT SÛDÂN	02	8	02	4	6	7	2,6,4	11		27			21		70	1	221	68
NORTH SÛDÂN																		
WÂDI HALFA	02	8	00	•	1	5	4,1	11		20					43	0	•	—
KAREIMA	00	8	04	3	•	3	1	9		23					53	•	0	1
ʽATBARA	01	8	02	2	0	3	2	7		24			19		47	•	dr	2
KHARTÛM	01	8	02	3	1	4	2	8		26			19		42	•	dr	4
KASSALA	00	8	08	3	•	•	–	6		28			18		52	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	01	8	32	2	1	3	3	8		24					38	•	7	12
RENK	00	9	04	2	•	•	–	9		23		—		—	61	—	—	49
ROSEIRES	00	8	32	1	•	•	–	7		19					64	•	33	36
EL OBEID	00	7	28	3	•	1	1	9		21			13		35	•	1	16
EL FÂSHER	00	8	00	•	•	•	–	—	—	14			11		48	•	•	6
GENEINA	00	8	04	1	•	•	–	—	—	16		—	12	—	32	—	—	4
KADUGLI	00	8	20	2	•	•	–	10		26		—		—	32	—	—	29
S. SÛDÂN																		
MALAKÂL	02	8	02	3	1	5	4,1	8		25			18		36	•	53	87
WÂU	02	8	00	•	1	5	4	9		23			19		50	•	48	142
JUBA	05	7	00	0	1	5	2,4	8		24			19		61	•	49	133

UPPER WINDS ON 11 — الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SAʽÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 12h. m.	KAREIMA 13h. m.	KHARTÛM 13h. m.	KASSALA h. m.	EL OBEID 12h. 15m.	MALAKAL 13h. m.	JUBA 12h. m.
							03 26 10	03 04 10	06 33 10		06 07 10	06 05 15	06 07 15
							09 05 10	06 04 25	09 36 05		09 05 20	09 06 10	09 07 15
							09 03 05	09 05 10	15 36 05		15 03 15	15 09 15	15 07 20
							15 07 05	15 06 25	21 03 15		21 31 20	21 07 10	21 09 15
							21 15 05	21 03 25	30 29 15		30 24 20	30 06 20	30 07 25
							15 29 15	30 31 15				39 05 20	39 07 20
								39 31 15				45 04 20	45 07 25
								45 30 30					60 09 20
								60 35 20					

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 7h. 00m.	MARIUT h. m.	PORT SAʽÎD h. m.	HELWÂN h. m.	MINYA h. m.	[struck out] 7h. m.	LUXOR h. m.	ASWÂN h. m.	WÂDI HALFA 7h. m.	ABU HAMAD h. m.	KAREIMA 7h. 15m.	KHARTÛM h. m.
03 11 30					03 12 10			03 01 15		03 04 20	
06 10 25					06 12 20			06 03 20		06 06 30	
09 09 30					09 13 15			15 10 15		09 05 30	
12 09 30					12 14 15			21 13 25		15 11 30	
15 09 30					15 17 15			30 27 40		21 10 25	
18 11 40					18 17 20			39 27 05		39 31 15	
21 10 20					21 16 20			15 34 10		45 11 30	
24 10 20					24 16 20					51 10 25	
					27 13 10					60 28 20	

KASSALA 7h. 00m.	PORT SÛDÂN 7h. m.	EL OBEID 7h. 15m.	EL FÂSHER 7h. 00m.	GENEINA h. m.	MALAKAL 7h. 15m.
06 09 15	03 10 30	06 01 30	09 04 20		06 05 30
09 07 15	06 10 25	09 04 20	15 07 20		09 05 40
15 04 15	09 11 25	15 04 10	21 23 05		15 06 15
21 04 15	15 13 25	21 03 20	30 32 25		21 08 15
30 05 05	21 15 10	30 27 30	39 32 10		30 01 20
39 24 05	30 21 45	39 05 10	45 29 05		
45 21 25		45 07 05			
		60 10 20			

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	Date	1947	1946
	12.12.	1726	2026
	11.12	1726	2026

Station	Mean of day: Humidity % on 11th	Diff from normal	Wet Bulb Temp °C on 11th	Diff from normal
Alexandria				
Ezbekîya	78	+9	17.3	+5.3
Gîza	83	+10	17.0	+5.3
Helwân	69	+12	16.3	+6.1

GÎZA — Grass Minimum Temp on 12th 11.5 °C

CAIRO — Water Temp River Nile at 8h on °C

Gauge	Date 1947	Reading m	Diff from normal m.	Previous day Reading m	Previous day Diff from norma m
Jûba	12th DECEMB. 47	13.65	+0.17	13.77	+0.28
Nâsser		10.51	+1.11	10.52	+1.10
Malakâl		12.48	+0.34	12.48	+0.33
J. Aulia Res				372.23	—
J. Aulia D S				372.24	-0.09
Roseires		13.71	+0.72	13.72	+0.69
Bennar Res.				20.70	-
Khartûm		11.58	-0.12	11.59	-0.12
Kh. el Girba					
ʽAtbara		11.14	+0.06	11.14	+0.06
Kajnarti		134.19	-0.49	134.20	-0.50
Aswân Res.		120.59	–	120.63	–
Aswân D.S		86.45	-0.13	86.42	-0.28
Roda (Cairo)		16.47	+0.29	16.51	+0.19

CYPRUS SYNOPTIC 8h ON 12th

UPPER AIR TEMP ALMÂZA AT GMT ON — HEIGHT feet	PPP mb	TT °F	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey of Egypt, 1945 (42/806)

ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise 6 [illegible]
Sunset 16 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on FRIDAY 12th (الساعة ١٤ يوم الجمعة ١٢) — At 20h. on 12th (الساعة ٢٠ يوم الجمعة ١٢)

Region	Station	14h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 8-14 h. mms	20h Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Press M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)	Rain 14-20 h. mms	Station Number
Mediterranean	SALÛM												00	8										130
	MATRÛH	00	9	10	2	0	0	—	12.7	22.3	63	0	00	8	00	0	0	0	—	12.2	17.0	88	0	131
	MARIUT	01	7	04	1	1	3	6	12	25	65	0	00	7	00	0	0	0	-	12	17	94	0	150
	ALEXANDRIA	01	9	04	2	2	4	8	11.6	22.8	68	0	00	5	00	0	0	0	—	11.9	19.6	81	0	132
	DAMIETTA	01	8	04	2	1	4	5	11.4	21.9	82	0	01	6	08	1	1	3	3	11.6	18.0	97	0	159
	PORT SA'ÎD	02	7	03	1	1	6		12	23	78	0	01	6	09	2	1	3	1	12	20	88	0	134
	EL 'ARÎSH																							135
Lower Egypt	DAMANHÛR	01	7	12	4	1	3	1	12.6	24.2	48	0	00	6	04	3	1	0	-	11.8	15.2	80	0	136
	MANSÛRA	01	8	04	1	1	4	6	11.5	26.0	59	0	00	6	04	1	1	0	-	11.5	18.8	92	0	137
	TANTA	01	8	08	2	1	4	8	11.0	25.1	58	0	01	8	00	0	1	4	8	12.0	17.0	92	0	138
	ZAGAZIG	00	6	32	2	0	0	-	11.9	22.6	60	0	00	6	22	2	0	0	-	10.8	18.6	79	0	139
	SHEBÎN EL KÔM	00	8	04	2	0	1	1	12.0	24.0	68	0	00	7	04	1	0	0	-		18.2	86	0	—
Middle Egypt	CAIRO ALMÂZA	01	7	28	1.	1	4	[illegible]	11.	22	65	0	00	7	00	0	1	0	-	10.9	18.9	92	0	141
	CAIRO EZBEKÎYA	01	8	30		1	4	4	11.0	23.7	71	0	00	6	00	0	0	0	-	11.4	18.0	95	0	—
	CAIRO GÎZA	01	8	30	2	1	4	4	11.4	23.6	72	0	00	6	00	0	0	0	-	11.8	17.4	97	0	—
	HELWÂN	05	5	00	0	2	6	3	11.0	21.4	65	0	01	6	00	0	1	4	6	11.5	19.1	85	0	143
	SUEZ	02	8	00	0	2	7	5		23.2	50	0	03	8	00	0	2	8	5		19.9	77	0	144
Upper Egypt	FAIYÛM	02	8	00	0	2	5	5	10.4	23.0	56	0	00	7	00	0	0	0	—	10.7	17.0	87	0	153
	MINYA	02	7	00	0	2	6	5,1	10	22	53	0	00	7	00	0	2	3	4	11	17	72	0	154
	ASYÛT	01	7	26	1	1	4	5	10.0	22.0	58	0	00	6	22	1	0	0	-	11.9	18.0	71	0	155
	NAG' HAMÂDI	00	7	00	0	2	8	4	10.3	23.3	60		00	8	00	0	0	0	-	10.3	18.9	76		164
	QENA	03	7	20	1	1	8	5	9.9	24.0	62	0	03	6	24	1	3	8	5	10.4	20.0	78	0	156
	LUXOR	03	9	30	2	2	8	3	9.6	26.2	54	0	02	8	26	2	2	5	2	10.4	21.0	78	0	157
	ASWÂN	03	9	00	0	1	6	4	9.2	30.8	38	0	02	9	00	0	1	5	4	9.9	26.6	44	0	158
Western Desert	SÎWA	00	8	00	0	0	0	-	13.2	21.7	68	0	00	6	00	0	0	0	-	12.4	14.2	88	0	148
	BAHARÎYA	02	8	28	1	2	4	5	10.4	25.0	46	0	00	7	32	1	1	0	-	11.5	16.8	53	0	149
	KHÂRGA	00	9	00	0	0	0	-	-	26.9	43	0	00	9	00	0	0	0	-	-	21.1	48	0	151
	DAKHLA	02	8	00	0	1	4	5	9.5	25.6	53	0	00	8	00	0	0	0	-	10.8	20.0	60	0	152
Red Sea	TÔR	00	6	28	1	0	0		12.2	24.8	64	0	00	7	28	1	0	0	-	11.8	21.9	66	0	145
	HURGHÂDA												01	9	20	2	1	4	4,5	12	21	74	0	146
	QUSEIR	02	8	02	2	2	6	5	11.8	25.6	86	0	02	8	04	2	2	8	5	11.8	24.0	86	0	147
	PORT SÛDÂN	02	8	10	4	1	5	2,2	2	28	66	0												208
North Sûdân	WÂDI HALFA	02	8	02	1	1	7	2,4	8	29	33	0												165
	KAREIMA	01	8	22	2	1	4	1	4	32	34	0												166
	'ATBARA	02	8	08	1	1	6	4	3	38	26	0												167
	KHARTÛM	00	8	28	1	0	1	1		37	26	0												209
	KASSALA	01	8	00	0	1	5	2	0	36	22	0												170
Central Sûdân	WAD MEDANI	00	8	30	2	1	0	-	2	34	23	0												171
	RENK	00	9	32	3	0	0	-	3	35	22	0												182
	ROSEIRES	00	8	28	1	0	0	-	3	35	22	0												172
	EL OBEID	00	8	28	3	0	0	0	2	33	16	0												174
	EL FÂSHER	00	8	32	1	0	0	-	—	31	24	0								—				175
	GENEINA	00	8	00	0	0	1	2	—	33	14	0								—				179
	KADUGLI	00	8	08	3	1	2	4	2	35	18	0												187
S. Sûdân	MALAKÂL	00	8	08	3	1	2	4	2	35	18	0												176
	WÂU	02	8	10	3	1	5	2,4		35	27	0												177
	JUBA	01	8	20	1	1	4	2,2	2	36	22	0												1-3

UPPER WINDS ON 12 (الرياح العليا يوم ١٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	12 h. 30 m.	12 h. 00 m.	13 h. m.	13 h. 15 m.	13 h. m.	12 h. 45 m.
							09 36 05	09 18 05	09 26 10	09 23 10	09 01 20	09 03 10	09 30 15
							15 16 10	15 13 05	15 24 05	15 18 05	15 01 20	15 07 10	15 09 10
								21 14 05	21 30 10	21 14 05	21 33 15	21 08 15	21 00 00
								30 35 20	30 25 40	30 21 05	30 27 20	30 07 20	30 17 20
								33 29 20	33 30 05	33 21 20	33 26 15	33 05 20	33 17 15
								39 29 35	45 29 15	39 23 15			39 27 20
								45 27 40	51 29 10	45 23 20			45 30 15
								60 22 40					60 29 25

Remarks

Hours are Egyptian standard time, long. 30° E. and are two Hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	13.12	1736	2026
	12.12	1736	2026

STATION	Mean of day Humidity % on 12th	Diff from normal	Wet Bulb Temp °C on 12th	Diff from normal
Alexandria	78	+13	18.1	+4.8
Ezbekiya	91	+22	17.4	+5.5
Giza	91	+18	17.4	+5.8
Helwân	83	+26	16.1	+5.0

GÎZA — GRASS MINIMUM TEMP ON 13th 9.6 °C

CAIRO — WATER TEMP RIVER NILE AT 8h ON °C

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff from normal
	1947	m	m.	m	m
Jûba				13.65	+0.17
Nâsser				10.51	+1.14
Malakâl		12.42	+0.25	12.42	+0.24
J. Aulia Res				-	-
J. Aulia D.S					
Roseires	13.12.1947	13.67	+0.72	13.71	+0.72
Sennar Res.					
Khartûm				11.58	-0.12
Kh. el Girba					
'Atbara		11.12	+0.04	11.14	+0.06
Kajnarti				184.19	-0.49
Aswân Res.		120.55	-	120.57	-
Aswân D.S		86.45	+0.07	86.45	+0.12
Roda (Cairo)		16.45	+0.38	16.47	+0.37

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SATURDAY 13 (الساعة ٨ يوم السبت 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)	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												—		—				
	MATRÛH																		52
	MARIUT	45	1	60	0	4	9	—			14	26	—	12	—	100		26	48
	ALEXANDRIA	49	1	00	0	0	9	—	11.6	-7.0	17.2	25	+4	14	+1	98	0	67	64
	DAMIETTA	40	3	00	0	4	5	6	11.5	-6.4	17.6	24	—	14	—	100	0	10	29
	PORT SA'ÎD	01	7	13	2	1	4	4	12		19	24		16		73		6	21
	EL 'ARÎSH																	dr	24
Lower Egypt	DAMANHÛR	40	3	12	1	4	9	—	12.0	-6.7	13.0	26	+4	12	+2	98	0	15	24
	MANSÛRA	40	3	04	1	4	0	—	11.4	-7.1	14.2	27	+5	13	+3	98	0	8	12
	TANTA	40	1	00	0	4	9	—	12.3	-6.7	13.0	26	+4	11	+2	100	0	1	10
	ZAGAZIG	04	3	24	2	4	4	8	12.3	-6.8	12.4	25	+3	11	+2	100	0	3	8
	SHEBÎN EL KÔM	42	2	20	0	4	9	—	12.4	-6.6	12.2	25	—	11	—	95	0	1	—
Middle Egypt	CAIRO ALMAZA	48	1	21	1	4	9	-	11.8	-7.1	14.4	25	—	14	—	97	0	1	—
	CAIRO EZBEKÎYA	05	5	00	0	1	3	1	12.0	-6.9	15.0	25	+3	14	+4	92	0	14	6
	CAIRO GÎZA	05	5	00	0	1	3	1	12.3	-6.6	15.7	25	+4	12	+4	97	0	19	7
	HELWÂN	05	5	00	0	1	4	4	12.2	-7.1	16.4	22	+1	16	+6	66	0	9	5
	SUEZ	01	9	00	0	1	4	5			23.5	26	+4	17	+6	59	0	2	7
Upper Egypt	FAIYÛM	02	4	00	0	4	2	4	11.9	-7.4	14.7	24	+1	13	+4	82	0	4	1
	MINYA	65	6	00	0	0	4	6,1	12		15	23		10		77	0	dr	—
	ASYÛT	00	7	00	0	0	0	-	12.0	-7.6	16.9	24	+2	14	+6	78	0	0	2
	NAG' HAMÂDI	00	8	00	0	0	0	-	11.5	-7.0	19.0		—		—	79	0	0	—
	QENA	00	7	12	2	8	0	—	12.6	-6.0	18.3	25	0	17	+8	80	5	5	—
	LUXOR	00	9	06	2	0	0	-	11.8	-6.6	21.5	27	[illegible]	16	+8	70	0	0	—
	ASWÂN	00	9	32	1	0	0	-	10.8	-7.5	21.7	31	+5	18	+6	64	0	0	—
Western Desert	SÎWA	00	7	20	2	0	0	-	12.6	-7.4	10.2	23	+1	4	-2	90	0	dr	2
	BAHARÎYA	02	8	04	1	1	5	2	12.4	-7.7	11.0	28	+6	6	-1	52	0	dr	3
	KHÂRGA	00	9	02	1	0	0	-	-		20.6	26	+1	15	+7	52	0	0	—
	DÂKHLA	01	8	00	0	1	3	1	11.8	-8.1	13.3	28	+5	7	0	67	0	0	—
Red Sea	TÔR	00	8	04	1	0	0	-	12.4	-5.0	17.2			12	+2	61	0	0	5
	HURGHÂDA	01	8	24	1	0	4	4	12		19					88	0	0	2
	QUSEIR	00	8	30	2	0	1	5	12.3	-5.0	22.6	26	+1	20	+4	86	0	0	4
	PORT SÛDÂN	01	8	30	2	6	4	2,4	10		25			21		84	3 /	224	68
North Sûdân	WÂDI HALFA	00	8	20	1	0	1	-	10		20			16		68	0	0	—
	KAREIMA																	0	1
	'ATBARA	00	8	32	2	0	0	-	8		23			19		53	0	dr	2
	KHARTÛM	00	8	32	3	0	0	-	8		23			18		41	0	dr	4
	KASSALA	00	9	16	1	0	0	-	7		24			17		54	0	dr	8
Central Sûdân	WAD MEDANI	00	8	32	3	0	0	-	7		22					41	0	7	12
	RENK	01	8	04	2	0	6	-	8		26		—		—	37	—	—	49
	ROSEIRES	00	8	02	3	0	0	-	6		19					68	0	33	36
	EL OBEID	00	8	30	2	0	0	-	8		21			15		35	0	1	16
	EL FÂSHER	00	8	32	1	0	0	-	—	—	14			11		39	0	0	6
	GENEINA	00	8	00	0	1	0	-	—	—	16		—	11	—	36	—	—	4
	KADUGLI												—		—		—	—	89
S. Sûdân	MALAKÂL																	53	87
	WÂU	05	7	32	2	1	4	1	7		21			18		69	0	48	142
	JUBA	00	8	20	1	0	0	-	7		26			24		55	0	49	134

UPPER WINDS ON 13th (الرياح العليا يوم ١٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	[illegible]	ASYÛT	[illegible]	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
7 h. m.	h. m.	h. m.	8 h. 45 m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. m.	7 h. m.	h. m.	h. m.
03 15 30			02 13 05	03 14 10	02 34 05	03 17 35	02 06 10	03 25 15	06 06 30		
06 16 25			05 15 15	06 17 15	05 06 05	06 18 20	05 12 25	06 35 15	09 07 15		
09 18 30			08 16 15	12 16 20	10 13 05	09 22 15	10 19 15	09 08 15	15 07 15		
12 18 20			10 16 15	18 28 20		12 22 20	15 15 05	15 12 15	30 32 30		
15 18 35			15 17 30	24 32 15		15 23 20	20 14 15	18 16 10	39 35 30		
			20 18 25	30 24 15		18 23 20	25 17 15		45 31 25		
			23 18 35	36 24 25		21 24 20	30 25 25		60 29 40		
			25 20 45	45 23 30		24 24 20					
			28 20 50	51 22 30		27 23 25					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
7 h. m.	h. m.	7 h. m.	7 h. 15 m.	h. m.	h. m.
06 28 10		06 01 25	09 05 20		
09 29 20		09 02 45	15 08 05		
15 36 10		15 32 15	21 33 15		
21 22 10		21 27 15	30 31 10		
30 24 35		30 25 15			
39 29 20					
45 31 20					

CYPRUS SYNOPTIC 8h ON 13th

34703 01990 04304 13190 90500 00120
34880 01251 12114 16120 96430

UPPER AIR TEMP — ALMÂZA — AT GMT ON 13th

HEIGHT feet	PPP mb.	TT	Td
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

ANNUAL SUBSCRIPTION P.T. 150

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ends now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32 e.g. 08 = East, 16 South, 24 = West, 32 North, 00 is Calm

CAIRO Time of Sunrise h. 6 m. 42
Sunset h. 16 m. 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on SATURDAY 13th (الساعة ١٤ يوم السبت ١٣) and At 20h. on 13th (الساعة ٢٠ يوم السبت ١٣)

Region	Station	14h Present weather ww	Visibility V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h mms	20h Present weather ww	Visibility V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Bar press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20h mms	Station number
Mediterranean	Salûm																							130
	Matrûh	00	9	22	2	0	3	4	9.9	25.0	29	0												131
	Mariut	02	7	00	0	2	7	4,4	10	26	55	0	00	7	05	1	00	0	-	10	16	100	0	150
	Alexandria	01	8	04	1	1	4	2	10.3	23.0	70	0	00	8	08	2	0	0	-	10.3	18.0	90	0	132
	Damietta	02	8	14	2	1	5	8	10.0	24.3	70	0	01	7	06	1	1	4	9	10.6	20.0	85	0	159
	Port Sa'îd	01	7	05	1	1	4	4,3	11	24	69	0	00	7	06	2	1	3	8	11	21	83	0	134
	El 'Arîsh																						0	135
Lower Egypt	Damanhûr	01	7	04	2	1	3	1	10.7	23.8	49	0	01	5	12	1	1	4	3	10.7	16.2	77	0	136
	Manṣûra	01	8	02	1	1	4	6	10.3	24.0	63	0	00	6	04	1	1	0	-	10.7	19.0	88	0	137
	Ṭanṭa	01	8	12	1	1	5	8	11.1	23.6	62	0	01	8					8	11.1	18.0	90	0	138
	Zagazig	01	6	32	2	1	4	8	10.3	24.2	60	0	00	6	32	2	1	4	8	11.1	19.4	94	0	139
	Shebîn el Kôm	02	8	28	2	1	5	4	10.4	25.4	57	0	00		28	2	1	0	-	10.3	19.2	84	0	—
Middle Egypt	Cairo Almâza	05	5	25	1	1	5	4,1	9.6	24.8	45	0	01	7	07	1	1	4	6	10.0	22.0	50	0	141
	Cairo Ezbekîya	02	8	04	2	1	5	8	10.2	25.8	44	0	01	7	04	2	1	4	6	10.6	20.0	77	0	—
	Cairo Gîza	02	8	04	2	1	5	8	10.3	26.2	49	0	01	7	04	2	1	4	6	11.0	19.7	79	0	—
	Ḥelwân	02	7	00	0	2	7	4	10.0	25.8	39	0	01	6	06	1	1	3	4	10.3	22.5	49	0	143
	Suez	01	9	00	0	1	5	5		26.4	65	0	00	9	00	0	0	0	-		22.4	77	0	144
Upper Egypt	Faiyûm	01	8	00	0	1	4	4	9.4	28.4	38	0	01	8	00	0	1	4	4	9.9	19.7	75	0	153
	Minya	01	7	24	0	1	4	2,1	10	27	42	0	00	7	00	0	0	0	-	9	18	73	0	154
	Asyûṭ	01	8	12	1	1	4	1	9.8	27.1	56	0	00	7	22	1	0	2	-	9.4	18.8	74	0	155
	Nag' Ḥamâdi	00	8	32	1	0	0	-	9.1	31.7	34	0	00	8	00	0	0	2	-	9.2	20.4	69	0	164
	Qena	00	9	24	2	0	0	-	8.3	28.0	43	0	01	6	08	1	0	4	5	9.4	21.4	78	0	156
	Luxor	00	9	02	2	0	0	-	8.0	30.8	38	0	00	8	30	2	0	0	-	9.0	23.2	58	0	157
	Aswân	02	9	00	0	1	5	4	8.2	31.0	42	0	00	9	00	0	0	0	-	8.8	27.0	49	0	158
Western Desert	Sîwa	00	8	20	3	0	0	-	16.6	23.0	39	0	00	6	00	0	0	0	-	11.0	14.3	84	0	148
	Baharîya	01	8	24	1	1	4	2	10.2	26.0	28	0	01	7	00	0	1	3	2	10.8	16.0	38	0	149
	Khârga	00	9	00	0	0	0	-	-	29.9	48	2	00	9	00	0	0	0	-		24.3	57	0	151
	Dakhla	02	8	28	1	2	5	5	8.6	26.0	57	0	02	8	00	0	2	6	5	8.9	23.0	66	0	152
Red Sea	Ṭôr	01	9	16	4	0	4	3	11.4	27.8	39	0	00	9	16	3	0	0	-	11.4	24.8	50	0	145
	Hurghâda	01	8	08	2	0	4	2	11	28	58	0	00	9	00	0	1	0	-	12	21	83	0	146
	Quṣeir	00	8	32	20	0	0	-	11.4	26.0	84	0	00	8	32	2	0	0	-	11.4	24.9	38	0	147
	Port Sûdân	01	8	20	3	8	3	8	8	30	66	R												208
North Sûdân	Wâdi Halfa	00	8	06	1	0	2	1	6	30	22	0												165
	Kareima	00	8	28	1	0	1	1	5	32	24	0												166
	'Aṭbara	00	8	06	1	0	0	-	3	33	23	0												167
	Khartûm	00	8	06	2	0	0	-	3	32	19	0												209
	Kassala	00	8	30	2	0	0	-	2	36	25	0												170
Central Sûdân	Wad Medani	00	8	30	2	0	0	-	5	34	14	0												171
	Renk	00	9	32	3	0	0	-	3	35	22	0												182
	Roseires	00	8	28	1	0	0	-	4	36	22	0												172
	El Obeid	00	8	30	1	0	0	-	3	32	13	0												174
	El Fâsher	00	8	32	1	0	0	-	—	32	24	0									—			175
	Geneina	00	8	00	0	0	2	2	—	34	14	0									—			179
	Kadugli	00	8	28	3	0	0	-	4	36	19	0												187
S. Sûdân	Malakâl	00	8	06	2	0	0	-	2	36	18	0												176
	Wâu	00	8	04	3	1	1	8	1	37	20	0												177
	Juba	01	8	02	1	1	3	8	2	36	24	0												1?3

Upper Winds on 13th (الرياح العليا يوم ١٣)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa h. m.	Kareima 18h.	Khartûm 0h.	Kassala 12h. 45m.	El Obeid 18h.	Malakal h. m.	Juba h. m.
								06 31 45	09 04 20	09 30 10	09 05 05		
								09 10 05	15 02 15	15 24 15	15 04 05		
								15 03 15	21 01 05	21 33 10	21 02 05		
								21 03 15	30 30 05	24 33 05			
								30 03 10		30 21 05			
								33 01 25		33 20 05			
								39 02 20		39 13 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 13th	Diff from normal	Wet bulb temp °C on 13th	Diff from normal
Alexandria	89	+24	11.8	+4.5
Ezbekiya	77	+8	16.6	+4.8
Giza	81	+7	17.3	+5.9
Helwân	53	-4	15.4	+4.4

GÎZA — Grass minimum temp. on 14th 11.1°C

CAIRO — Water temp at 8h. River mile on °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1947	1946
	14.12	1726	2026
	12.12	1726	2026

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m	Previous day Diff from normal m
Jûba	14.12.1947			13.63	+0.15
Nâsser				10.59	+1.19
Malakâl		12.48	+0.37	12.48	+0.35
J. Aulia Res.		377.28	-	377.25	-
J. Aulia D.S		372.20	+0.11	372.21	-0.11
Roṣeires		12.62	+0.69	12.67	+0.72
Sennar Res.		20.74	-	20.73	-
Kharṭûm		11.52	-0.14	11.54	-0.14
Kh. el Girba					
'Atbara		4.11	+0.04	4.12	+0.04
Kajnarti		124.14	-0.42	124.18	-0.47
Aswân Res.		120.52	-	120.55	-
Aswân D.S		86.44	+0.25	86.45	+0.27
Roda (Cairo)		16.49	+0.45	16.45	+0.38

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on SUNDAY 14th (الساعة ٨ يوم الأحد ١٤)

Region	Station	Present weather ww	Visibility V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Car 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												—		—				
	Matrûh	01	9	22	2	1	4	8	9.2	-9.8	14.8	25	+5	13	+2	83	0		53
	Mariut	43	2	00	0	4	2	4	9		14	26	—	11	—	100	0	26	50
	Alexandria	01	7	12	1	1	4	4	9.2	-9.4	18.6	26	+5	15	+2	82	0	67	65
	Damietta	01	8	12	2	1	4	6	9.5	-9.4	19.4	26	—	15	—	94	0	10	30
	Port Sa'îd	02	7	14	2	1	5	8		-	20	26		18		68	0	6	21
	El 'Arîsh																0	d	24
Lower Egypt	Damanhûr	40	3	20	1	4	4	4	9.9	-8.8	12.6	26	+4	12	+2	93	0	15	24
	Manṣûra	01	8	08	1	1	4	6	9.5	-9.0	17.0	26	+4	15	+5	85	0	8	12
	Ṭanṭa	01	8	12	1	1	4	8	10.4	-8.6	15.4	25	+3	12	+3	99	0	1	10
	Zagazig	02	6	20	2	2	5	8	9.8	-9.3	18.4	26	+4	12	+3	90	0	3	8
	Shebîn el Kôm	01	7	12	1	0	3	8	10.3	-8.7	16.1	27	—	14	—	87	0	1	—
Middle Egypt	Cairo Almaza	05	4	00	0	1	5	4,4	9.5	-9.4	19.8	27	—	16	—	65	0	1	—
	Cairo Ezbekîya	01	6	00	0	1	3	8	9.9	-9.0	17.9	27	+6	16	+6	79	0	14	6
	Cairo Gîza	01	6	00	0	1	3	8	10.2	-8.8	17.2	29	+8	14	+6	84	0	19	7
	Ḥelwân	05	5	00	0	1	5	8	9.9	-9.4	17.9	26	+5	16	+6	73	0	9	5
	Suez	01	9	00	0	1	3	5			24.3	28	+6	18	+7	64	0	2	7
Upper Egypt	Faiyûm	02	5	00	0	2	5	9	9.9	-9.4	16.8	30	+7	14	+5	76	0	4	1
	Minya	02	7	00	0	2	7	4,5	9		15	28		14		82	0	d	—
	Asyûṭ	01	7	22	2	1	5	6	10.6	-9.0	19.1	30	+8	16	+8	76	0	0	2
	Nag' Ḥamâdi	01	8	00	0	1	5	4	10.2	-8.4	22.2		—		—	72	0	0	—
	Qena	01	7	12	2	1	4	2	10.6	-8.0	20.4	30	+5	17	+8	83	0	5	—
	Luxor	02	9	06	2	2	5	2	11.2	-7.3	23.0	32	+8	18	+10	70	0	0	—
	Aswân	02	9	00	0	1	5	4	11.2	-7.1	25.0	32	+6	21	+9	63	0	0	—
Western Desert	Sîwa	03	7	28	2	2	8	5	11.1	-9.0	8.0	25	+3	6	0	82	0	d	2
	Baharîya	02	7	24	1	2	5	5	10.0	-10.1	12.3	28	+6	9	+2	40	0	d	3
	Khârga	00	9	00	0	0	0	-	-		17.3	31	+7	17	+9	72	0	0	—
	Dâkhla	02	7	00	0	2	7	5	10.0	-9.9	13.8	28	+5	12	+6	78	0	0	—
Red Sea	Ṭôr	03	8	12	5	2	8	6	11.8	-5.7	23.0	29	+6	17	+7	59	0	0	5
	Hurghâda	02	8	00	0	0	6	8	12		23	28		20		84	0	0	2
	Quseir	01	8	04	1	1	4	5	11.9	-5.5	22.2	27	+2	21	+5	86	0	0	4
	Port Sûdân	01	7	26	1	8	5	8	11		25			21		84	2.1	226	69
North Sûdân	Wâdi Halfa	00	8	06	1	0	2	4,1			22			18		47	0	0	—
	Kareima																0	0	1
	'Atbara	00	7	06	3	0	0	—	2		24			21		61	0	d	2
	Khartûm	00	8	32	2	0	3	1	8		24			19		38	0	d	4
	Kassala	00	8	02	3	0	0	-	6		28			21		45	0	d	8
Central Sûdân	Wad Medani	00	8	02	1	0	2	1	7		23					36	0	7	12
	Renk	00	9	04	2	0	0	-	9		24	—			—	32	—	—	49
	Roseires	00	8	32	1	0	0	-	7		19					64	0	33	36
	El Obeid	00	8	30	1	0	3	2	9		22			15		33	0	1	16
	El Fâsher	00	8	32	1	0	1	1	—	—	16			12		30	0	0	6
	Geneina	00	8	00	0	0	0	-	—	—	17	—		12	—	37	—	—	4
	Kadugli	00	8	28	2	0	0	-	9		23	—			—	36	—	—	89
S. Sûdân	Malakâl	01	8	02	3	0	3	1	7		27			19		33	0	53	87
	Wâu	00	8	02	1	1	2	1	7		22			13		65	0	48	142
	Juba	01	8	14	2	1	4	4,2	7		26			19		55	0	09	134

Upper Winds on 14th (الرياح العليا يوم ١٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh 7h.	Mariut h. m.	Port Sa'îd 7h. 45m.	Helwân 9h.	Bahariya 7h.	Asyûṭ 7h.	Siwa 7h. 15m.	Aswân 7h.	Wâdi Halfa h. m.	Abu Hamad 7h.	Kareima h. m.	Khartûm 7h.
03 22 20		03 19 55	02 14 10	03 13 20	02 15 45	03 24 20	05 15 25		06 08 20		09 05 30
06 22 20		06 21 40	05 18 40	09 12 30	05 16	06 24 15	10 16 40		09 10 25		15 04 20
09 22 15		09 21 35	08 18 50	15 19 30	10 17 25	09 27 20	15 15 35		15 11 20		21 09 10
12 21 30		12 21 30	10 19 50	18 20 30	40 12 25	12 23 20	20 15 30		21 08 15		24 08 10
15 20 35		15 22 35	15 19 40	27 21 30		21 18 50			30 06 15		30 16 15
18 22 35		18 21 40	20 20 45	32 22 40		24 21 40					33 17 20
21 22 30		21 21 45	23 20 46	39 22 45		30 22 65					39 18 15
24 21 35		24 20 40	25 20 44	42 22 50		33 23 45					45 21 10
27 21 35		27 22 50	29 20 50	43 23 55		36 22 80					51 23 10

Kassala 6h. 45m.	Port Sûdân 7h. 10m.	El Obeid 7h. 10m.	El Fâsher 7h.	Geneina 7h.	Malakal 7h.
06 03 10	03 13 05	06 05 20	09 03 15	09 06 20	06 03 20
09 03 20	06 10 15	09 06 20	15 14 10	15 12 10	09 04 20
15 05 15	09 15 05	15 11 10	21 33 05	21 16 20	15 05 20
21 02 05	15 14 15	21 23 20	24 34 10	24 17 20	21 08 15
24 24 05	21 20 20				

Upper air temp Almâza at G.M.T. on — Height feet	PPP mb	TT °C	
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

Cyprus synoptic 8h on 14th

34887 21874 10387 13150 54302 93141

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

Past Weather (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

Visibility (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

Cloud 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 h. 7 m. 23 (?)
Sunset h. 16 m. 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on SUNDAY 14th (الساعة ١٤ يوم الأحد ١٤) / 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	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	8	00	0	1	6	8	8.0	21.8	64	0	01	8	28	2	0	4	8	8.7	18.9	71	0	131
MARIUT	00	7	27	2	0	3	4	8	22	65	0	00	7	00	0	0	0	-	7	20	64	0	150
ALEXANDRIA	01	8	20	3	2	4	8	7.9	21.2	59	0	01	6	00	0	2	3	8	8.0	19.4	60	0	132
DAMIETTA	02	8	12	3	1	6	9	9.0	24.8	75	0	07	6	28	1	9	6	7	7.9	18.8	94	tr	159
PORT SA'ÎD	92	6	14	2	9	8	9	9	22	83	R	07	6	12	2	9	5	9,4	8	20	94	R	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	28	2	1	5	8	8.3	24.3	45	0	02	5	28	3	2	6	6	8.3	17.2	74	0	136
MANSÛRA	50	6	20	1	5	5	9	7.8	26.5	53	dr	00	6	02	1	6	0	-	7.2	17.8	92	6	137
TANTA	02	8	00	0	2	6	8	7.9	26.0	55	0	01	8	00	0	6	4	8	7.9	16.6	93	3	138
ZAGAZIG	20	6	20	2	5	5	8	7.1	26.2	71	dr	20	6	32	2	5	5	8	7.5	19.4	87	4	139
SHEBÎN EL KÔM	02	8	20	3	2	5	9	7.6	27.4	55	0	02	7	20	2	6	5	9	—	18.2	79	tr	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	02	8	18	3	2	7	8,2	6.7	29.8	31	0	02	7	24	1	2	7	9,4	6.8	23.0	57	0	141
CAIRO EZBEKÎYA	02	7	20	4	1	5	8,1	7.1	29.1	42	0	02	6	00	0	1	5	8,4	7.8	21.2	69	0	—
CAIRO GÎZA	02	7	20	4	1	5	8,1	7.6	28.7	46	0	02	6	00	0	1	5	8,4	7.8	20.7	73	0	—
HELWÂN	03	7	18	5	2	8	8,2	6.7	28.0	40	0	03	7	00	0	2	8	4	7.9	22.0	57	0	143
SUEZ	01	9	16	2	6	4	5		25.9	63	2	01	9	12	4	1	4	5	—	23.6	73	0	144
UPPER EGYPT																							
FAIYÛM	03	8	18	2	2	8	7	7.4	27.3	54	0	03	8	18	2	2	8	7	7.6	20.9	60	0	153
MINYA	02	7	17	3	2	7	8	8	28	58	0	03	7	17	1	2	8	4,5	8	20	53	0	154
ASYÛT	01	7	12	1	1	5	6	9.0	25.8	60	0	01	6	22	1	1	4	1	9.2	21.2	73	0	155
NAG' HAMÂDI	02	7	24	1	2	6	5	8.8	26.8	54	0	02	6	00	0	1	5	6	9.0	23.4	66	0	164
QENA	03	8	28	1	2	8	5	8.7	26.0	64	0	03	6	08	1	1	8	5	9.0	21.6	80	0	156
LUXOR	03	8	24	2	2	8	3	8.7	27.8	55	0	03	8	10	2	2	8	3	9.1	23.0	74	0	157
ASWÂN	03	9	00	0	2	8	4	7.4	29.7	42	0	02	9	00	0	1	5	4	10.0	26.5	42	0	158
WESTERN DESERT																							
SÎWA	01	8	28	4	1	4	5	10.2	22.2	64	0	00	6	08	4	0	0	-	10.2	15.8	67	0	148
BAHARÎYA	03	7	00	0	2	8	5	9.8	19.5	49	0	02	7	16	1	2	5	4	9.6	16.7	97	0	149
KHÂRGA	02	9	00	0	2	5	8		27.8	54	0	00	8	00	0	0	0	-		23.2	64	0	151
DAKHLA	02	8	00	0	2	6	5	8.0	26.0	57	0	02	7	00	0	2	6	5	8.6	20.8	66	0	152
RED SEA																							
TÔR	01	8	00	0	0	3	5	11.1	27.8	24	0	01	8	16	5	0	4	5	11.2	25.8	44	0	145
HURGHÂDA																							146
QUSEIR	03	8	10	6	2	8	5	10.8	27.0	78	0	03	8	12	6	2	8	5	10.6	26.0	87	0	147
PORT SÛDÂN	01	7	12	4	3	3	8	9	28	70	dr												208
NORTH SÛDÂN																							
WÂDI HALFA	02	8	12	2	1	5	4,1	7	32	29	0												165
KAREIMA	01	8	25	2	1	4	2	5	33	24	0												166
'ATBARA	00	8	28	2	0	0	-	4	28	37	0												167
KHARTÛM	01	8	22	1	1	3	1	4	34	18	0												209
KASSALA	01	8	26	2	1	3	1	2	39	24	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	01	8	30	1	0	3	1	2	36	19	0												171
RENK																							182
ROSEIRES	00	8	28	2	0	0	-	4	35	22	0												172
EL OBEID	01	8	32	1	0	4	2	4	34	16	0												174
EL FÂSHER	00	8	00	0	0	2													—				175
GENEINA	00	8	12	1	0	0	-	—	34	13	0								—				179
KADUGLI	00	8	28	1	0	0	-	5	36	66	0												187
S. SÛDÂN																							
MALAKÂL	01	8	08	2	1	2	-	8	37	25	0												176
WÂU																							177
JUBA	02	8	01	1	1	5	4,1	1	37	22	0												[illegible]

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. 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												—		—				
MATRÛH	00	9	04	4	0	2	3	11.8	-6.5	10.9	22	+2	9	-2	47	0		54
MARIUT	01	7	26	3	1	5	1	10		18	25	—	14	—	52	0	26	51
ALEXANDRIA	01	9	22	5	2	4	1	10.4	-8.2	17.7	24	+2	16	+4	57	0	67	67
DAMIETTA	01	8	18	3	1	4	3	9.4	-8.6	15.9	27	—	13	—	91	tr	11	30
PORT SA'ÎD	05	6	22	2	1	6	4	10		17	26		17		88	4	10	22
EL 'ARÎSH																	dr	25
LOWER EGYPT																		
DAMANHÛR	02	6	24	4	2	5	5	10.4	-8.3	15.2	27	+5	12	+2	72	0	15	25
MANSÛRA	01	8	20	1	1	4	6	10.0	-8.5	13.5	28	+6	13	+3	93	6	14	13
TANTA	01	8	20	1	1	5	8	11.1	-7.9	13.8	28	+6	11	+2	98	3	4	10
ZAGAZIG	02	6	20	2	2	5	8	11.6	-7.6	13.8	29	+7	12	+4	100	4	7	8
SHEBÎN EL KÔM	01	7	22	2	1	4	9	11.5	-7.6	14.4	29	—	13	—	92	tr	2	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	21	3	2	7	6	11.4	-7.6	16.1	30	—		—	69	0	1	—
CAIRO EZBEKÎYA	05	5	24	1	1	8	6	12.8	-6.2	15.8	30	+9	15	+5	77	0	14	6
CAIRO GÎZA	05	5	24	1	1	8	6	13.0	-6.0	15.8	30	+9	14	+6	68	0	12	7
HELWÂN	03	7	00	0	2	8	6	12.3	-7.1	14.8	28	+8	14	+6	78	0	9	6
SUEZ	03	8	30	2	2	8	7	—	—	19.6	27	+5	18	+7	64	3	5	7
UPPER EGYPT																		
FAIYÛM	03	8	30	2	2	8	7	12.6	-6.8	14.8	27	+5	14	+6	68	0	4	1
MINYA	02	7	27	2	2	7	2,5	13		13	28		12		67	0	dr	—
ASYÛT	03	6	22	2	1	8	5	12.4	-7.3	16.5	27	+5	16	+8	51	0	0	2
NAG' HAMÂDI	00	8	24	2	2	5	6	12.2	-6.5	18.0		—		—	62	0	0	—
QENA	03	7	08	1	2	8	4	10.6	-8.1	20.2	27	+2	17	+8	91	dr	5	—
LUXOR	03	9	26	2	2	8	4	10.6	-8.0	20.0	30	+4	17	+9	81	0	0	—
ASWÂN	02	9	00	0	1	5	4	10.7	-7.7	22.8	32	+7	21	+9	76	0	0	—
WESTERN DESERT																		
SÎWA	03	7	20	4	2	8	6	14.2	-6.0	10.8	22	+1	2	+3	70	0	dr	2
BAHARÎYA	03	7	24	2	2	8	6	14.3	-5.9	12.5	20	-2	6	0	39	0	dr	3
KHÂRGA	02	9	02	2	1	5	3			18.2	29	+5	16	+8	47	0	0	—
DÂKHLA	03	8	28	2	2	6	5	14.2	-5.7	11.4	27	+4	15	+8	69	0	0	—
RED SEA																		
TÔR	02	7	12	3	2	7	5	9.5	-8.0	26.0			14	+4	73	0	0	5
HURGHÂDA																	0	2
QUSEIR	03	8	12	2	2	8	4	10.2	-7.2	23.8	28	+3	22	+6	86	0	0	4
PORT SÛDÂN																dr	226	70
NORTH SÛDÂN																		
WÂDI HALFA																	0	—
KAREIMA																	0	1
'ATBARA																	dr	2
KHARTÛM																	dr	4
KASSALA																	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI																	7	12
RENK												—		—		—	—	49
ROSEIRES																	33	36
EL OBEID																	1	16
EL FÂSHER								—	—								0	6
GENEINA								—	—			—		—		—	—	4
KADUGLI																		89
S. SÛDÂN																		
MALAKÂL																	53	87
WÂU																	48	142
JUBA																	49	135

Present Weather ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

Past Weather (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

Visibility (V)

Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

Cloud Amount (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

Cloud Form (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

Upper Winds on 14th (الرياح العليا يوم ١٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12 h. m.	12 h. m.	12 h. 15 m.	12 h. 30 m.	12 h. m.	12 h. m.	12 h. 30 m.
							02 13 05	03 21 05	06 01 05	06 29 05	06 01 10	06 05 15	06 08 05
							06 16 15	06 20 05	09 31 10	09 35 05	09 03 10	09 07 10	09 07 10
							09 16 20	09 20 05	15 29 10	15 16 05	15 09 10	15 08 16	16 09 10
							15 20 20	15 19 05	21 32 15	21 22 05	21 05 05	21 07 10	21 08 10
							21 12 25	21 16 10	24 33 15	24 23 20	24 02 05	24 08 10	24 09 10
							24 25 25	24 19 10	27 34 15	30 35 20	27 34 30	30 10 15	30 09 20
							30 25 30	30 21 10	30 35 20	33 06 05	30 34 20	33 10 15	32 10 20
							33 25 25	33 26 15	33 35 20	39 36 25		39 13 02	39 10 20
							39 26 40	[illegible] 30		45 36 20		45 10 05	45 09 20

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	[illegible]	ASYÛT	[illegible]	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h. 45 m.	7 h. m.	7 h. m.	8 h. m.	7 h. m.	6 h. m.	h. m.	7 h. m.	h. m.
			02 24 05	03 33 40	02 29 35	03 27 30	05 19 10	03 26 05		06 12 20	
			05 31 25	06 32 50	05 34 25	06 27 35	10 18 15	06 17 10		09 07 20	
			07 30 35	09 30 40	10 30 30	09 21 55	15 21 15	09 21 10		15 17 05	
				12 30 45	15 25 25	12 27 40	20 24 15	15 19 25		21 11 10	
				15 27 40		15 28 65	25 21 30	21 19 35		39 23 05	
				24 25 60		18 27 35		30 28 30		45 24 15	
				30 24 90		21 27 25		33 27 40		60 30 15	
				33 23 90		24 26 55				75 40 25	
				36 24 105		27 21 26					

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	h. m.	6 h. m.	7 h. 15 m.	7 h. 15 m.
	03 16 15		06 04 20	09 06 30	06 01 15
	06 15 25		15 05 10	15 05 30	09 06 20
	09 11 30		21 01 20	21 04 30	12 04 30
	15 09 20		30 09 10	30 05 20	21 02 45
			39 24 15	33 06 25	30 32 25
			45 14 25		33 32 15
			60 20 05		
			75 12 20		

Upper Air Temp — ALMÂZA

At 13.30 G.M.T. on 15th

Height feet	PPP mb	TT	Td
Surface	1003	65	52
500	985	61	55
1000	967	60	54
1500	950	57	52
2000	933	55	51
4000	866	50	46
6000	804	46	42
8000	745	40	36
10000	690	37	35
12000	638	26	26
14000	590	18	18
16000	549	11	11

Wind Force (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32 e.g. 08 – East, 16 South, 24 – West, 32 North, 00 is Calm

CYPRUS SYNOPTIC 8h ON 15th
34760 60848 20668 05191 70704 36161
34852 91758 20398 06161 80201 [illegible]

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 14th	Diff from normal	Wet Bulb Temp °C on 14th	Diff from normal
Alexandria	66	+1	16.0	+2.8
Ezbekiya	67	-2	18.0	+6.3
Giza	72	-2	18.0	+6.6
Helwân	60	+3	17.4	+6.4

GÎZA — GRASS MINIMUM TEMP ON 15th 11.1 °C

CAIRO — WATER TEMP RIVER NILE AT 8h ON °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
15.12	1736	2026
14.12	1736	2026

Gauge	Date 1947	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Jûba	15.12.1947				
Nasser					
Malakal				12.48	+0.37
J. Aulia Res				377.28	-
J. Aulia D S				372.20	-0.11
Roseires		13.58	+0.69	13.62	+0.69
Sennar Res.				20.74	-
Khartum				11.52	-0.14
Kh. el Girba					
'Atbara				11.11	+0.04
Kajnarti		134.18	-0.40	134.19	-0.42
Aswân Res.		120.46	-	120.52	-
Aswân D S		86.45	+0.26	86.44	+0.25
Roda (Cairo)		16.47	+0.46	16.48	+0.45

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. 6 m. 43
Sunset h. 16 m. 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.O.

DAILY WEATHER REPORT

Month DEC. 1947 — شهر ديسمبر ١٩٤٧

At 14h. on MONDAY 15th (الساعة ١٤ يوم ١٥) / At 20h. on 15th (الساعة ٢٠ يوم الاثنين 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	33	3	22	6	3	4		10.4	18.2	34	0	07	8	22	2	3	0	–	12.6	13.8	56	0	131
MARIUT	18	6	23	4	0	0	–	12	19	64	0	00	7	22	3	0	3	1	13.	13	47	0	150
ALEXANDRIA	00	8	22	6	0	0	–	11.6	17.7	41	0	00	6	22	2	0	0	–	13.5	15.4	36	0	132
DAMIETTA	01	8	20	3	1	4	4	10.4	20.8	50	0	00	7	00	0	0	0	–	13.8	12.7	67	0	159
PORT SA'ÎD	01	7	28	4	0	3	6,4	12	20	64	0	02	7	23	3	2	7	6,4	14	16	36		134
EL 'ARÎSH																							135
Lower Egypt																							
DAMANHÛR	00	7	24	4	1	0	–	11.8	19.3	58	0	00	6	24	[illegible]	0	0	–	13.4	12.3	73	0	136
MANSÛRA	01	8	32	1	1	4	8	11.9	19.0	42	0	00	6	12	1	1	0	–	14.2	11.6	69	0	137
TANTA	01	8	20	2	1	4	8	12.8	18.0	39	0	01	8	20	1	1	5	8	14.8	12.1	52	0	138
ZAGAZIG	02	6	28	2	2	5	8	12.6	16.6	58	0	00	6	32	2	0	0	–	14.4	12.8	85	0	139
SHEBÎN EL KÔM	01	8	22	4	1	4	8	12.8	19.8	25	0	01	7	22	2	1	4	4	15.2	13.8	41	0	—
Middle Egypt																							
CAIRO ALMÂZA	02	8	26	3	2	5	4	13	18	60	0	00	7	18	2	2	0	–	15	15	72		141
CAIRO EZBEKÎYA	02	8	26	2	1	5	5	13.2	18.0	34	0	01	7	28	1	1	3	1	14.8	15.0	38	0	—
CAIRO GÎZA	02	8	26	2	1	5	5	13.4	18.8	27	0	01	7	28	1	1	3	1	15.2	14.6	47	0	—
HELWÂN	02	8	26	2	2	6	5	13.5	17.6	18	0	02	7	26	1	2	5	8	15.5	13.1	34	0	143
SUEZ	03	9	30	2	2	8	7		20.2	51	0	01	9	00	0	1	4	5		15.3	44	0	144
Upper Egypt																							
FAIYÛM	02	8	30	2	2	7	7	13.6	17.8	29	0	01	8	00	0	1	4	7	15.2	13.0	49	0	153
MINYA	03	8	31	2	2	8	5	14	16	45	0	02	7	29	1	2	6	4	16	12	54	0	154
ASYÛT	03	7	26	1	2	8	5	13.6	16.7	70	0	01	6	22	1	1	4	1	15.9	13.3	66	0	155
NAG HAMÂDI		8	24	1				11.0	22.7	49	0	00	8	24	2	[illegible]	0	–	14.0	16.4	69	0	164
QENA	03	8	20	2	2	8	3	10.6	26.7	51	0	03	6	24	3	2	8	4	12.0	24.0	60	0	156
LUXOR	03	9	30	2	2	8	4	10.0	30.	36	0	03	8	22	2	2	8	4	11.5	26.5	54	0	157
ASWÂN	02	9	00	0	1	5	4	7.9	33.0	38	0	02	9	32	1	1	5	4	10.7	27.6	46	0	158
Western Desert																							
SÎWA	00	8	20	5	0	0	–	14.8	13.0	75	0	00	6	00	0	0	0	0	15.0	12.1	61	0	148
BAHARÎYA	03	7	24	1	2	8	4	15.1	14.0	37	0	02	7	24	1	2	5	4	16.0	10.5	40	0	149
KHÂRGA	01	9	32	2	1	4	2		22.9	47	0	00	9	32	1	0	0	–	–	17.8	27	0	151
DAKHLA	02	8	28	3	2	6	5	11.5	20.9	55	0	02	7	28	2	2	6	5	15.0	16.8	65	0	152
Red Sea																							
TÔR	02	6	28	2	2	7	9	8.2	25.8	58	0	00	8	29	2	0	0	–	10.4	21.8	40	0	145
HURGHÂDA	02	8	32	8?	2	7	5	10	25	84	0	07	8	30	4	2	4	9	12	23	65	0	146
QUSEIR	03	8	10	4	2	8	4	9.5	27.0	93	0	03	8	10	4	2	8	4	10.4	26.0	91	0	147
PORT SÛDÂN	01	7	10	3	1	3	8	9	28	70	0												208
North Sûdân																							
WÂDI HALFA	00	8	28	1	0	0	–	8	32	27													165
KAREIMA	00	8	06	2	0	0	–	6	34	30													166
'ATBARA	00	8	08	2	0	0	–	4	35	27													167
KHARTÛM	00	8.	06	1	1	3	1	4	35	27													209
KASSALA	00	8	00	0	0	0	–	1	37	27													170
Central Sûdân																							
WAD MEDANI	01	8	30	2	1	3	1	3	37	13													171
RENK	00	9	32	2	0	0	–	3	36	27													182
ROSEIRES	00	8	28	1	0	0	–	2	36	22													172
EL OBEID	02	8	00	0	1	8	2	2	36	17													174
EL FÂSHER	00	8	32	1	1	1	1	—	34	18										—			175
GENEINA	00	8	04	1	0	3	2	—	36	15										—			179
KADUGLI	00	8	28	2	0	0	–	4	37	20													187
S. Sûdân																							
MALAKÂL	00	7	02	3	1	2	1	3	36	19													176
WÂU	00	7	08	2	1	1	4	3	35	35													177
JUBA	01	8	30	1	1	5	2,4,2	2	37	22													173

At 8h. on TUESDAY 16 (الساعة ٨ يوم الثلاثاء ١٦)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	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												—		—				
MATRÛH	00	9	22	4	0	0	–	14.8	-3.5	10.3	19	-1	8	-3	64	0		55
MARIUT	00	7	21	3	0	2	8	15.		12	20	—	11	—	59	0	26	52
ALEXANDRIA	01	9	20	2	1	3	8	15.2	-3.4	12.7	24	+3	10	-2	55	0	67	68
DAMIETTA	00	8	18	1	0	0	–	14.7	-3.3	8.6	21	—	5	—	70	0	11	31
PORT SA'ÎD	00	7	22	3	0	0	–	16		12	20		11		63	0	10	22
EL 'ARÎSH																	tr	25
Lower Egypt																		
DAMANHÛR	00	6	24	4	0	0	–	15.4	-3.3	9.3	21	-1	7	-3	72	0	15	26
MANSÛRA	00	8	20	1	0	0	–	15.8	-2.8	8.8	20	-2	6	-4	65	0	14	13
TANTA	00	8	20	1	1	0	–	16.7	-2.3	8.4	20	-2	6	-4	64	0	4	10
ZAGAZIG	00	6	16	2	0	0	–	16.2	-3.0	9.2	19	-2	7	-1	100	0	7	8
SHEBÎN EL KÔM	00	7	16	1	0	0	–	16.4	-2.7	8.8	20	—	7	—	51	0	2	—
Middle Egypt																		
CAIRO ALMAZA	00	7	16	2	0	3	1	16.		11	19	—	9	—	41	0	1	—
CAIRO EZBEKÎYA	00	6	12	2	0	0	–	16.6	-2.5	10.5	19	-2	10	0	53	0	14	6
CAIRO GÎZA	00	6	12	2	0	0	–	17.2	-1.9	12.9	19	-2	8	0	49	0	19	8
HELWÂN	05	6	00	0	0	3	1	17.5	-1.9	9.9	18	-2	9	-1	39	0	9	6
SUEZ	01	9	00	0	1	3	5			15.6	21	-1	10	-1	59	0	5	7
Upper Egypt																		
FAIYÛM	01	8	00	0	1	4	6	17.2	-2.2	10.5	18	-4	7	-1	43	0	4	1
MINYA	02	7	30	1	2	5	4,1	17		10	16		9		50		tr	—
ASYÛT	03	6	22	1	2	8	6	17.9	-1.8	11.1	17	-4	10	+2	62	0	0	2
NAG HAMÂDI	02	7	24	2	2	6	5	16.7	-2.1	13.0	25	—	13	—	55	0	0	—
QENA	03	7	24	4	2	8	9	14.6	-4.1	14.0	27	++	13	+4	53	0	5	—
LUXOR	03	9	10	2	2	8	4	14.4	-4.3	16.0	31	[struck through]	13	[struck through]	59	0	0	—
ASWÂN	01	9	02	4	1	3	4	14.0	-4.5	18.0	33	+8	17	+5	28	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	–	18.2	-2.0	6.2	19	-3	4	-1	72	0	tr	3
BAHARÎYA	01	8	16	1	1	3	6	17.2	-3.0	10.0	17	-4	6	0	45	0	tr	3
KHÂRGA	02	9	32	1	1	5	5			14.6	23	-1	14	+6	34	0	0	—
DÂKHLA	02	7	28	1	2	6	5	17.4	-2.6	12.7	21	-2	11	+4	66	0	0	—
Red Sea																		
TÔR	02	9	04	1	2	7	9	14.4	-3.2	17.8			17	+7	32	0	0	5
HURGHÂDA	61	8	30	6	5	8	7,5	14		20	26		18		60	tr	tr	2
QUSEIR	03	8	32	5	2	8	5	14.7	-2.7	22.0	29	+4	21	+5	63	0	0	4
PORT SÛDÂN																0	226	71
North Sûdân																		
WÂDI HALFA																0	0	—
KAREIMA	02	8	04	1				9		23			21		47	0	0	1
'ATBARA																0	tr	2
KHARTÛM																0	tr	4
KASSALA	00	8	30	2	0	0	–	7		26			18		58	0	tr	8
Central Sûdân																		
WAD MEDANI																0	7	12
RENK												—		—		—	—	49
ROSEIRES																0	35	36
EL OBEID	00	7	30	2	0	2	1	8		22			18		29	0	1	16
EL FÂSHER								—	—								0	6
GENEINA								—	—			—		—		—	—	4
KADUGLI																		89
S. Sûdân																		
MALAKÂL																0	53	87
WÂU																0	48	142
JUBA																0	49	136

UPPER WINDS ON 15th (الرياح العليا يوم ١٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA 13h.	KAREIMA 12h. 30m.	KHARTÛM 13h.	KASSALA 12h.	EL OBEID 13h. 15m.	MALAKAL 13h.	JUBA 13h.
							03 29 14	03 00 00	15 05 05	06 29 05	06 03 05	06 02 15	06 06 05
							06 27 05	06 13 05	21 30 05	09 31 05	09 07 05	09 03 20	09 08 05
							09 27 05	09 05 05	24 27 05	15 05 10	15 04 05	15 04 20	15 10 05
							15 26 15	15 36 05	27 27 05	21 07 15		21 05 25	21 09 15
							21 24 20	21 10 15	30 26 15	24 06 20		24 05 20	24 11 20
							24 24 30	24 02 05	33 26 15	30 03 25		30 05 20	30 10 25
							30 26 35	30 18 15	39 26 10			33 05 15	33 09 20
							33 25 40	33 17 10				39 05 15	39 07 30
								39 06 15				45 05 15	

UPPER WINDS ON 16th (الرياح العليا يوم ١٦)

MATRÛH 7h.	MARIUT	PORT SA'ÎD	HELWÂN 8h. 35m.	[struck through] 7h.	ASYÛT 7h.	[struck through] 8h.	ASWÂN 7h.	WÂDI HALFA	ABU HAMAD 7h.	KAREIMA	KHARTÛM 6h. 45m.
03 27 40			03 15 10	03 28 25	02 33 25	06 10 35	02 01 30		06 07 20		09 04 40
06 27 30			05 28 15	06 31 30	05 34 35	09 09 30	05 36 35		09 08 24		21 07 10
09 21 30			08 30 20	09 32 20	10 35 30	12 08 30	10 16 15		15 07 20		30 11 10
12 28 25			10 29 05	12 32 20	15 33 15	15 08 30	15 19 15		21 05 20		33 08 15
			15 24 25	15 21 20		18 09 30	20 21 30		27 36 30		39 09 20
			20 26 35	18 26 20		21 09 30	25 24 40				45 11 25
			23 24 35	21 26 20		24 10 35	30 23 45				60 11 15
			25 25 40	24 28 15		27 10 05					
			30 23 40	27 27 15		30 08 40					

KASSALA 7h.	PORT SÛDÂN 7h.	EL OBEID 7h.	EL FÂSHER 7h.	GENEINA 7h. 30m.	MALAKAL
06 10 30	03 03 05	06 03 30	09 04 20	06 05 30	
09 09 30	06 36 05	09 04 50	15 08 30	09 08 30	
15 09 25	09 01 10	15 05 05	21 04 30	30 10 15	
21 03 25	15 05 15	21 23 10	30 04 05		
30 03 35		30 14 10	33 05 05		
		33 13 10	39 29 05		
		39 10 25	45 13 20		
		45 11 30	57 13 45		
		60 10 35			
		75 09 30			

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	Date	1947	1946
	16.12	1736	1933
	15.12	1736	2026

Station	Mean of day: Humidity % on 15th	Diff from normal	Wet Bulb Temp °C on 15th	Diff from normal
Alexandria	39	-26	11.0	-2.2
Ezbekiya	48	-21	10.8	-0.9
Giza	51	-23	10.9	-0.4
Helwân	51	-6	9.3	-1.5

GÎZA — GRASS MINIMUM TEMP. ON 16th 3.9 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON .... °C

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16.12.1947			13.62	+0.14
Nâsser		12.49	+0.42	10.47	+1.31
Malakâl				12.48	+0.39
J. Aulia Res.				377.27	—
J. Aulia D.S				312.20	-0.10
Roseires		13.56	+0.69	13.57	+0.69
Sennar Res.				20.74	—
Khartûm				11.50	-0.14
Kh. el Girba					
'Atbara		11.09	+0.05	11.10	+0.04
Kajnarti				134.18	-0.40
Aswân Res.		120.40	–	120.46	–
Aswân D.S		86.44	+0.25	86.45	+0.26
Roda (Cairo)		16.47	+0.49	16.47	+0.46

CYPRUS SYNOPTIC 8h ON 16th
34780 01824 28464 13121 00307 02111 (struck through)
34880 01863 00013 12090 80301 00680

UPPER AIR TEMP. ALMÂZA AT 14 G.M.T. ON 16th

Height feet	P.P.P m.b.	TT °F	tt °F
Surface	1006	65	59
500	989	57	51
1000	970	55	49
1500	952	53	48
2000	935	51	46
4000	869	43	39
6000	806	39	29
8000	747	33	24
10000	692	25	20
12000	640	18	15
14000			
16000			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

PRESENT WEATHER ww

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick ,, ,, ,, ,, 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
,, of Snow 83, 84
,, of Sleet 85, 86
,, of Hail 88, 89
Thunderstorm 90-99
,, ended, now Rain 91
,, with Hail 94-96
,, with Duststorm 98
,, heavy, with Hail 99

PAST WEATHER (W)

Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)

Objects not visible at
50 metres 0
200 ,, 1
500 ,, 2
1 Kilometre 3
2 ,, 4
4 ,, 5
10 ,, 6
20 ,, 7
50 ,, 8
Visible over 50 kms. 9

CLOUD AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)

Cirrus 1
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato-cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 6 44
Sunset h. m. 16 57

Month DECEMBER 1947

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

شهر ديسمبر ١٩٤٧

At 14h. on TUESDAY 16th — الساعة ١٤ يوم ١٦ / At 20h. on 16th — الساعة ٢٠ يوم الثلاثاء ١٦

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 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	22	3	0	0	–	144	18.6	37	0	00	9	22	2	0	0	–	16.8	11.9	31	0	131
	MARIUT	00	7	21	3	0	2	8	14	19	52	0	00	7	00	0	0	0	–	16	13	72	0	150
	ALEXANDRIA	01	9	20	4	2	4	8	15.0	18.0	55	0	01	6	16	2	2	4	4	16.3	17.0	53	0	132
	DAMIETTA	00	8	20	2	0	2	8	14.6	19.2	51	0	00	7	16	1	0	0	–	16.0	12.5	76	0	159
	PORT SA'ÎD	00	8	22	4	0	1	8	15	18	42	0	00	7	20	3	0	0	–	17	16	59	0	134
	EL 'ARÎSH																							135
LOWER EGYPT	DAMANHÛR	00	7	28	4	0	0	–	15.4	19.6	42	0	00	6	28	3	0	0	–	16.6	13.6	74	0	136
	MANSÛRA	01	8	20	1	1	3	8	15.1	19.5	47	0	00	6	24	1	1	0	–	17.0	11.6	76	0	137
	TANTA	00	8	20	1	1	3	8	14.8	18.7	48	0	01	8	00	0	1	4	8		11.6	64	0	138
	ZAGAZIG	00	6	32	2	0	2	8	15.2	18.6	52	0	00	6	32	2	0	0	–	16.2	12.4	86	0	139
	SHEBÎN EL KÔM	00	8	22	3	0	0	–	15.8	20.1	32	0	00	7	22	1	0	0	–	16.0	12.9	58	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	25	2	0	0	–	15.2	19.0	32	0	00	7	18	1	0	0	–	17.5	13.2	33	0	141
	CAIRO EZBEKÎYA	00	8	26	2	0	0	–	15.5	19.3	34	0	00	7	00	0	0	0	–	17.2	12.6	56	0	—
	CAIRO GÎZA	00	8	26	2	0	0	–	15.8	20.0	35	0	00	7	00	0	0	0	–	18.0	14.8	51	0	—
	HELWÂN	00	7	22	1	0	0	–	15.5	18.7	31	0	00	7	00	0	0	0	–	17.8	14.0	37	0	143
	SUEZ	00	9	32	1	0	0	–		18.8	41	0	00	9	32	1	0	0	0		13.8	57	0	144
UPPER EGYPT	FAIYÛM	00	8	00	0	0	0	–	16.0	20.0	31	0	00	8	30	1	0	0	–	17.5	12.0	63	0	153
	MINYA	00	9	01	1	1	3	1	17	19	32	0	00	7	00	0	0	3	1	18	10	67	0	154
	ASYÛT																							155
	NAG HAMÂDI	02	7	24	1	2	6	4	16.4	14.0	52	0	00	8	00	0	0	0	–	17.0	12.6	61	0	164
	QENA	03	8	24	4	2	8	9	13.9	17.0	41	0	03	8	24	3	2	8	9	15.5	13.6	54	0	156
	LUXOR	03	9	02	2	2	8	7	13.4	22.0	29	0	03	8	26	2	2	8	4	15.8	16.0	36	0	157
	ASWÂN	01	9	30	3	1	4	4	11.8	22.4	22	0	00	9	32	4	0	0	.	15.1	20.0	32	0	158
WESTERN DESERT	SÎWA	00	8	20	4	0	0	–	17.9	18.8	58	0	00	7	20	2	0	0	–	19.6	9.4	66	0	148
	BAHARÎYA	01	8	24	2	1	3	6	16.4	17.4	38	0	00	7	24	1	0	0	–	18.7	10.0	50	0	149
	KHÂRGA	03	9	32	1	2	8	6		17.1	29	0	00	9	30	1	0	0	–	–	13.9	39	0	151
	DAKHLA	02	8	32	2	2	6	5	16.2	16.8	52	0	01	8	28	1	1	4	5	18.2	13.7	62	0	152
RED SEA	TÔR	01	8	28	3	0	5	5	14.2	20.8	39	0	01	7	28	3	0	0	–	14.4	18.2	37	0	145
	HURGHÂDA	22	8	30	5	6	8	7,5	12	19	49	dw	01	8	30	5	6	5	8	16	20	41	dw	146
	QUSEIR	01	8	32	5	1	4	5	12.6	23.6	62	0	01	8	32	4	0	3	1	14.4	20.3	58	0	147
	PORT SÛDÂN	01	8	12	3	1	4	4,2	9	28	62													208
NORTH SÛDÂN	WÂDI HALFA	18	6	32	6	0	2	1	11	26	16													165
	KAREIMA	01	8	02	2	1	4	2	6	34	25													166
	'ATBARA	02	8	08	2	1	7	2	3	35	13													167
	KHARTÛM	00	8	30	2	0	0	–	4	35	20													209
	KASSALA	00	8	02	2	0	0	–	2	37	22													170
CENTRAL SÛDÂN	WAD MEDANI	00	8	32	4	0	0	–	2	37	17													171
	RENK	00	9	04	3	0	0	–	2	37	20													182
	ROSEIRES	00	8	28	3	0	0	–	2	37	17													172
	EL OBEID	00	8	30	3	0	0	–	3	34	20													174
	EL FÂSHER	01	8	32	2	1	4	2	—	33	19									—				175
	GENEINA								—											—				179
	KADUGLI	00	8	04	2	0	0	–	4	36	19													187
S. SÛDÂN	MALAKÂL	02	8	20	1	1	6	2	3	35	25													176
	WÂU	02	8	10	1	1	8	2,2	2	35	37													177
	JUBA	02	8	28	2	1	6	8,4,2	3	35	25													1[illegible]3

At 8h. on WEDNESDAY 17th — الساعة ٨ يوم الاربعاء ١٧

	STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff from norm °C	Minimum Today °C mm	Min. Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct. 1 mms	Rainfall Norm from Oct. 1 mms
MEDITERRANEAN	SALÛM												—		—				
	MATRÛH	00	9	18	4	0	0	–	16.8	-1.5	10.0	19	-1	8	-3	42	0		56
	MARIUT	01	7	20	3	0	3	1	18		9	19	—	7	—	62	0	21	53
	ALEXANDRIA	01	9	20	2	1	4	1	18.0	-0.6	10.7	20	0	9	-3	50	0	67	69
	DAMIETTA	01	9	20	2	1	3	1	18.2	+0.2	8.7	20	—	6	—	77	0	11	31
	PORT SA'ÎD	01	7	21	3	0	3		18		13	19		11		55	0	10	23
	EL 'ARÎSH																	dw	26
LOWER EGYPT	DAMANHÛR	01	6	20	3	1	4	3	18.2	-0.5	7.8	20	-2	6	-4	73	0	15	26
	MANSÛRA	01	8	30	1	1	4	6	18.3	-0.3	9.0	21	-1	6	-3	67	0	14	13
	TANTA	02	8	00	0	1	5	8	18.8	-0.3	7.8	21	-1	5	-3	75	0	4	11
	ZAGAZIG	02	6	28	2	2	5	8	18.4	-0.3	9.2	21	0	7	-1	100	0	7	8
	SHEBÎN EL KÔM	01	8	22	1	1	3	8	19.1	0.0	8.8	22	—	7	—	66	0	2	—
MIDDLE EGYPT	CAIRO ALMAZA	05	6	18	2	0	4	1	19.0		10.2	20	—	9	—	58	0	1	—
	CAIRO EZBEKÎYA	02	7	00	0	1	5	1	19.1	0.0	10.6	20	-1	9	-1	58	0	14	6
	CAIRO GÎZA	02	7	00	0	1	5	1	18.6	-0.5	12.7	21	0	6	-2	59	0	19	8
	HELWÂN	02	7	00	0	2	5	1	19.9	+0.5	9.3	19	-1	8	-2	55	0	9	6
	SUEZ	01	9	00	0	1	4	5			10.8	21	-1	7	-4	76	0	5	7
UPPER EGYPT	FAIYÛM	02	7	00	0	2	5	6	19.4	0.0	9.0	21	-1	6	-2	61	0	4	1
	MINYA	01	7	14	1	1	5	4,1	19		8	19		4		71	0	dw	—
	ASYÛT	01	7	22	1	1	3	1	19.8	0.0	10.5	17	-4	6	-2	55	0	0	3
	NAG HAMÂDI	00	8	00	0	0	0	–	18.3	-0.6	9.4				—	65	0	0	—
	QENA	01	7	24	2	1	3	1	18.7	.00	14.2	20	-4	8	-1	61	0	5	—
	LUXOR	01	9	08	1	1	3	1	17.1	-1.7	13.5	23	-3	7	—	52	0	0	—
	ASWÂN	02	9	32	3	1	5	1	16.6	-2.0	14.5	25	0	12	+1	36	0	0	—
WESTERN DESERT	SÎWA	00	8	00	0	0	0	–	19.5	-0.2	2.2	19	-3	-2	-7	85	0	dw	3
	BAHARÎYA	02	7	00	0	1	5	4	19.3	-0.4	7.8	19	-2	3	-3	61	0	dw	3
	KHÂRGA	00	9	00	0	0	0	–			9.2	18	-6	5	-3	50	0	0	—
	DÂKHLA	01	8	00	0	1	3	1	19.5	-0.4	6.0	18	-5	3	-4	60	0	0	—
RED SEA	TÔR	01	8	00	1	1	4	1	16.3	-1.3	12.4			9	-1	29	0	0	5
	HURGHÂDA																R	dw	3
	QUSEIR	01	8	30	3	0	3	1	15.8	-1.7	12.4	24	0	17	+1	62	0	0	4
	PORT SÛDÂN																0	226	72
NORTH SÛDÂN	WÂDI HALFA																0	0	—
	KAREIMA																0	0	1
	'ATBARA																0	dw	2
	KHARTÛM																0	dw	4
	KASSALA																0	dw	8
CENTRAL SÛDÂN	WAD MEDANI																0	7	12
	RENK												—		—		—	—	49
	ROSEIRES																0	33	36
	EL OBEID																0	1	16
	EL FÂSHER								—	—								0	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI												—		—		—	—	89
S. SÛDÂN	MALAKÂL																0	53	88
	WÂU																0	48	142
	JUBA																0	49	136

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 13 h. m.	KHARTÛM 13 h. m.	KASSALA 13 h. m.	EL OBEID 13 h. m.	MALAKAL 13 h. m.	JUBA 13 h. m.
							03 01 20	03 05 05	06 01 15	06 05 15	30 15 05	06 22 05	06 12 05
							06 36 20	06 05 10	09 03 30	09 05 15	33 13 05	09 22 05	09 13 05
							09 02 15	09 03 20	15 04 15	15 03 20		15 14 10	15 09 15
							15 23 10	15 20 15	21 12 10	21 03 15		21 08 15	21 05 20
							21 24 30	21 21 05	24 10 15	24 05 10		24 05 20	24 04 30
							24 26 35	24 12 05		30 07 15		30 03 20	30 05 35
							30 24 40	30 15 05		33 10 10		33 03 20	33 04 35
							33 23 45	33 19 15		39 14 15			39 04 35
								39 18 25		45 15 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	1947	1946
	17.12	1734	1852
	16.12	1736	1933

STATION	Mean of day: Humidity % on 16th	Diff from normal	Wet bulb temp °C on 16th	Diff from normal
Alexandria	49	-16	11.6	-1.5
Ezbekiya	47	-22	9.0	-2.6
Giza	43	-31	10.3	-1.0
Helwân	33	-24	7.9	-2.8

GÎZA — GRASS MINIMUM TEMP. ON 17th 1.3 °C

CAIRO — WATER TEMP RIVER NILE AT 8h ON. °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	17.12.1947			12.62	+0.15
Nâsser					
Malakâl				12.49	+0.42
J. Aulia Res				377.21	-
J. Aulia D.S				372.19	-0.10
Roseires				13.56	+0.69
Sennar Res.					
Khartûm				11.48	-0.14
Kh. el Girba					
'Atbara				11.09	+0.05
Kajnarti		134.18	-0.32	134.18	-0.39
Aswân Res.		120.22	-	120.40	-
Aswân D.S		86.44	+0.25	86.44	+0.25
Roda (Cairo)		11.49	+0.56	11.47	+0.49

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 7 h. m.	MARIUT h. m.	PORT SA'ÎD 7 h. 30 m.	HELWÂN 8 h. 50 m.	[struck out] 7 h. m.	ASYÛT 7 h. m.	[struck out] 7 h. 30 m.	ASWÂN 7 h. m.	WÂDI HALFA h. m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 6 h. 15 m.
03 24 55		03 26 20	02 16 05	03 29 15	02 01 15	03 27 25	02 36 25		06 02 40	03 04 25	06 36 40
06 25 50		06 22 10	05 30 30	06 29 20	05 35 35	06 27 20	05 02 30		09 05 55	06 04 60	09 02 45
09 25 50		09 22 15	08 31 20	09 28 15	10 35 35	09 28 20	10 03 05		15 05 35	09 04 35	12 05 45
12 26 35		12 29 20	10 30 15	12 29 15	16 35 15	12 28 20	15 22 10		21 01 25	15 03 20	15 01 45
15 26 45		15 27 30	15 05 10	21 26 25		15 27 30	20 20 35		24 01 20	21 03 30	21 06 30
18 26 40		18 21 30	20 25 10	27 27 20		18 25 30	25 24 40		30 01 10	24 09 05	24 05 30
21 27 40		21 29 35	22 23 20	31 26 50		21 24 35			33 33 10	30 16 15	30 36 05
		24 22 50	25 25 10	39 26 75		24 24 40				33 18 30	
		27 22 25	30 26 20	42 27 85		27 25 50				39 23 10	

KASSALA h. m.	PORT SÛDÂN 7 h. 05 m.	EL OBEID 7 h. m.	EL FÂSHER 7 h. m.	GENEINA h. m.	MALAKAL h. m.
	03 03 15	06 36 20	09 05 30		
	06 07 15	09 04 55	15 10 25		
	09 11 20	15 06 40	21 06 30		
	15 13 30	21 10 15	24 05 30		
	21 14 35	24 10 15	30 08 35		
	24 15 30	27 07 10	33 09 30		
		30 05 05	39 11 35		
		33 02 05			

CYPRUS SYNOPTIC 8h ON 17th
34670 01973 21253 15131 10305 03121
34880 01163 12103 15090 90304 00021

UPPER AIR TEMP. ALMÂZA AT G.M.T. ON — HEIGHT FEET	P.P.P mb.	TT °F	tt °F
Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 6h 24m
Sunset 16h 58m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on WEDNESDAY 17 — الساعة ١٤ يوم الاربعاء ١٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN: SALÛM												130
MATRÛH	01	8	22	4	0	4	1	16.2	17.9	43	0	131
MARIUT	02	7	24	3	1	5	1	19	18	40	0	150
ALEXANDRIA	02	8	20	3	2	5	6	17.0	17.5	40	0	132
DAMIETTA	02	8	18	2	2	5	1	17.0	18.0	40	0	159
PORT SA'ÎD	01	8	24	2	1	4	2	18	17	34	0	134
EL 'ARÎSH												135
LOWER EGYPT: DAMANHÛR	02	7	24	3	2	6	5	17.6	17.8	56	0	136
MANSÛRA	02	8	24	1	2	5	6	17.6	17.5	35	0	137
ṬANṬA	02	8	20	1	2	5	8	17.9	17.8	44	0	138
ZAGAZIG	02	6	32	2	0	5	8	17.6	17.5	63	0	139
SHEBÎN EL KÔM	01	8	22	2	1	5	5	16.8	17.9	35	0	—
MIDDLE EGYPT, CAIRO: ALMÂZA	02	8	25	2	1	6	2	17.3	18.2	27	0	141
EZBEKÎYA	02	8	28	1	1	5	1	17.5	18.6	31	0	—
GÎZA	02	8	28	1	1	5	1	17.1	18.7	34	0	—
HELWÂN	02	8	28	1	2	7	1	17.9	17.0	32	0	143
SUEZ	03	9	02	1	2	8	5		17.8	41	0	144
UPPER EGYPT: FAIYÛM	02	8	00	0	2	6	6	17.8	20.0	34	0	153
MINYA	01	8	01	3	1	5	1	17	18	37	0	154
ASYÛṬ	01	8	30	1	1	4	1	17.2	18.0	34	0	155
NAG' HAMÂDI	00	8	24	2	0	0	-	15.6	20.7	36	0	164
QENA	01	9	24	2	1	3	1	14.6	20.0	32	0	156
LUXOR	01	9	30	2	1	3	1	14.4	24.2	22	0	157
ASWÂN	02	9	02	2	1	5	1	12.6	23.8	18	0	158
WESTERN DESERT: SÎWA	01	8	20	4	1	4	2	19.2	18.2	62	0	148
BAHARÎYA	02	8	28	2	2	6	2	18.0	18.0	20	0	149
KHÂRGA	00	9	02	1	0	0	-	—	19.4	30	0	151
DAKHLA	01	9	28	2	1	4	1	16.4	18.0	54	0	152
RED SEA: TÔR	01	8	28	3	1	4	1	14.7	20.8	44	0	145
HURGHÂDA	01	7	32	5	1	4	2	14	20	50	0	146
QUSEIR	01	8	32	2	0	3	2	14.2	22.3	35	0	147
PORT SÛDÂN	02	8	10	3	1	5	8.2	10	28	70	0	208
NORTH SÛDÂN: WÂDI HALFA												165
KAREIMA	02	8	06	4	1	6	2	7	33	23	0	166
'ATBARA	01	7	32	2	1	3	1	4	34	25	0	167
KHARTÛM	00	8	02	3	0	0	—	4	34	20	0	209
KASSALA	01	8	32	3	0	3	1	0	37	27	0	170
CENTRAL SÛDÂN: WAD MEDANI	01	8	02	4	0	3	-	2	37	18	0	171
RENK	00	7	04	2	0	0	-	3	35	25	0	182
ROSEIRES												172
EL OBEID	02	7	32	3	1	5	2	3	33	23	0	174
EL FÂSHER	01	8	32	2	1	5	2	—	32	24	0	175
GENEINA	01	8	04	3	1	3	2	—	31	16	0	179
KADUGLI	01	8	04	2	1	3	1	5	35	18	0	187
S. SÛDÂN: MALAKÂL												176
WÂU	02	8	02	3	1	7	9.4	2	34	50	0	177
JUBA												173

At 20h. on 17 — الساعة ٢٠ يوم الاربعاء ١٧

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN: SALÛM											
MATRÛH	01	8	22	3	1	4	3	16.8	13.9	56	0
MARIUT	01	7	20	2	1	4	1	18	12	59	0
ALEXANDRIA	00	6	20	2	0	0	-	18.0	13.4	49	0
DAMIETTA	00	7	14	1	0	0	-	17.4	9.5	80	0
PORT SA'ÎD	00	7	21	2	1	1	1	18	13	63	0
EL 'ARÎSH											
LOWER EGYPT: DAMANHÛR	01	4	24	3	1	7	5	17.6	11.2	82	0
MANSÛRA	00	6	24	1	1	0	-	18.6	9.8	74	0
ṬANṬA	01	8	20	1	2	5	8	19.2	8.8	76	0
ZAGAZIG	01	6	32	2	0	4	8	18.7	12.8	85	0
SHEBÎN EL KÔM	01	7	22	2	1	3	4	17.9	11.3	62	0
MIDDLE EGYPT, CAIRO: ALMÂZA	01	7	10	1	1	4	6	18.5	13.8	32	0
EZBEKÎYA	01	7	28	2	1	4	1	18.6	12.7	52	0
GÎZA	01	7	28	2	1	4	1	18.0	10.8	61	0
HELWÂN	01	7	26	2	2	5	1	18.6	13.9	29	0
SUEZ	01	9	00	0	1	4	3		12.9	59	0
UPPER EGYPT: FAIYÛM	02	8	00	0	2	6	6	17.9	13.0	64	0
MINYA	01	7	03	2	1	5	1	18	12	63	0
ASYÛṬ	00	6	24	1	1	0	-	18.2	11.6	49	0
NAG' HAMÂDI	00	8	24	1	0	0	-	17.0	11.8	67	0
QENA	01	6	24	2	1	3	1	15.9	13.3	52	0
LUXOR	00	8	30	2	0	0	-	15.2	16.8	29	0
ASWÂN	00	9	32	2	0	0	-	15.2	19.4	30	0
WESTERN DESERT: SÎWA	00	6	00	0	0	0	-	19.2	11.6	75	0
BAHARÎYA	01	7	00	0	2	4	4	19.0	13.0	40	0
KHÂRGA	00	9	30	1	0	0	-	-	13.8	41	0
DAKHLA	00	8	28	2	1	3	1	18.2	11.4	58	0
RED SEA: TÔR	01	8	28	2	1	3	1	16.7		55	0
HURGHÂDA	00	9	30	4	1	0	-	16	17	56	0
QUSEIR	00	8	32	2	0	0	-	15.1	12.9	45	0
PORT SÛDÂN											
NORTH SÛDÂN: WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN: WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN: MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12h. 45m.	KHARṬÛM 13h. m.	KASSALA 12h. 45m.	EL OBEID 13h. m.	MALAKAL h. m.	JUBA h. m.
								03 02 30	06 02 30	06 05 05	06 03 20		
								06 09 30	09 02 30	09 04 10	09 02 45		
								09 03 30	12 02 35	12 05 20	15 03 20		
								15 01 35	21 06 25	21 07 20	21 05 10		
								21 04 30	30 07 35	30 09 35	30 07 25		
								30 12 20		33 08 40	33 08 35		
								33 15 15		39 07 40	39 11 40		
								39 20 05		45 08 40	45 11 05		
								45 30 10					

At 8h. on THURSDAY 18 — الساعة ٨ يوم الخميس ١٨

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
MEDITERRANEAN: SALÛM													—	—				
MATRÛH	02	8	26	3	2	6	6	18.6	+1.2	11.6	18	-2	10	0	62	0		57
MARIUT	02	7	21	2	0	5	4,2	19		12		—	9	—	63	0	26	57
ALEXANDRIA	02	8	16	2	1	5	2	18.6	0.0	12.6	18	-2	10	-2	59	0	67	71
DAMIETTA	02	8	20	2	2	6	5	18.2	+0.2	9.6	18	—	5	—	69	0	11	32
PORT SA'ÎD	05	6	24	1	2	7	4	19		12	17		11		63	0	10	23
EL 'ARÎSH																	dh	26
LOWER EGYPT: DAMANHÛR	03	6	24	3	2	8	6	17.0	+0.3	10.2	18	-3	8	-1	82	0	15	27
MANSÛRA	02	7	30	1	1	5	6	17.2	+0.6	9.0	19	-2	7	-2	67	0	14	13
ṬANṬA	02	8	16	1	2	6	8	17.4	+0.5	9.0	19	-3	5	-3	65	0	4	11
ZAGAZIG	02	6	18	2	2	5	8	17.6	-0.6	7.8	20	-1	7	-1	100	0	7	8
SHEBÎN EL KÔM	01	7	22	1	1	4	6	17.4	-0.3	9.8	20	—	7	—	60	0	2	—
MIDDLE EGYPT, CAIRO: ALMÂZA	01	7	00	0	0	5	4	18.6	-0.6	11.1	18	—	9	—	39	0	1	—
EZBEKÎYA	02	6	00	0	1	5	4	19.6	+0.4	11.2	20	-1	10	0	59	0	14	6
GÎZA	02	6	00	0	1	5	4	19.0	-0.2	10.0	20	-1	6	-2	72	0	19	8
HELWÂN	05	5	00	0	2	8	4	19.5	+0.1	10.9	18	-2	9	-1	40	0	9	6
SUEZ																	5	7
UPPER EGYPT: FAIYÛM	02	7	00	0	2	6	6	19.9	+0.5	11.5	20	-2	9	+1	59	0	4	1
MINYA	01	7	31	2	1	4	1	20			18		4		71	0	dh	—
ASYÛṬ																	0	3
NAG' HAMÂDI	00	8	00	0	0	0	-	17.6	-1.3	8.9	22	—	8	—	70	0	0	—
QENA	00	7	24	2	1	0	-	18.2	-0.5	8.6	21	-3	7	-2	78	0	5	—
LUXOR	00	9	02	2	0	0	-	18.3	-0.5	11.2	25	-3	4	-3	56	0	0	—
ASWÂN	00	9	32	2	0	0	-	17.0	-1.7	14.4	25	0	12	0	38	0	0	—
WESTERN DESERT: SÎWA	00	7	00	0	0	0	-	20.2	-0.1	10.0	19	-2	1	-4	68	0	dh	3
BAHARÎYA	02	8	24	1	1	5	4	19.9	-0.3	11.2	19	-2	5	-1	39	0	dh	3
KHÂRGA	00	9	00	0	0	0	-	-		8.1	20	-4	3	-5	58	0	0	—
DAKHLA	01	8	00	0	1	3	5	19.9	-0.3	4.9	19	-4	1	-5	64	0	0	—
RED SEA: TÔR	00	8	32	2	0	0	-	17.1	-0.6	12.0			6	-4	28	0	0	5
HURGHÂDA	00	9	26	4	0	0	-	17		13	23		18		88	0	0	3
QUSEIR	00	8	28	3	0	0	-	16.0	-1.5	17.0	23	-1	15	-1	34	0	0	4
PORT SÛDÂN	01	8	28	3	0	3	8.4	13		26			21		74	0	226	78
NORTH SÛDÂN: WÂDI HALFA	00	8	32	2	1	1	2	15		13			12		26	0	0	—
KAREIMA	00	7	06	4	0	0	-	12		21			19		41	0	0	1
'ATBARA	00	7	32	3	0	0	-	9		22			20		61	0	dh	2
KHARTÛM	00	8	02	3	0	0	-	9					20			0	dh	4
KASSALA	00	7	08	4	0	0	-	6		29					35	0	dh	8
CENTRAL SÛDÂN: WAD MEDANI																		
RENK												—		—				
ROSEIRES	00	8	28	1	0	0	-	4		19					64	0	33	36
EL OBEID																0	1	16
EL FÂSHER												—		—			0	6
GENEINA												—		—				4
KADUGLI	00	8		1	0	0	-	—		26		—		—	48			87
S. SÛDÂN: MALAKÂL																0	53	88
WÂU																0	48	142
JUBA																0	49	137

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 7h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	[illegible] 8h. m.	[illegible]	ASWÂN h. m.	WÂDI HALFA h. m.	ABU HAMAD h. m.	KAREIMA h. m.	KHARṬÛM h. m.
02 25 20			02 26 05		02 26 10		03 33 15				
06 27 30			05 25 20		06 27 15		06 33 20				
09 27 35			08 02 10		09 27 15		09 32 15				
12 27 25			10 09 10		12 28 25		12 28 10				
15 24 30			15 22 05		15 28 30		21 19 20				
18 25 40			20 24 15		18 27 25		27 26 40				
21 26 35			22 22 20		21 25 40		33 26 65				
24 25 45			25 24 35		24 25 40		39 25 70				
27 26 45			30 24 40		27 24 50		42 25 100				

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

CYPRUS SYNOPTIC 8h ON 18th

34780	02975	28265	16141	20302	04121
34890	02863	12117	17100	96203	01109

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: Humidity % on 17th	Humidity Diff. from normal	Wet Bulb Temp °C on 17th	Wet Bulb Temp Diff. from normal
Alexandria	45	-20	8.9	-4.1
Ezbekiya	48	-21	8.3	-2.8
Gîza	53	-21	9.3	-1.9
Helwân	57	-20	7.6	-3.0

GÎZA — GRASS MINIMUM TEMP ON 18th 2.6 °C

CAIRO — WATER TEMP AT 9h; RIVER NILE ON °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	18.12	1620	1759
	17.12	1736	1852

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	18.12.1947	—		13.60	+0.13
Nasser				10.43	+1.41
Malakâl		12.49	+0.44	12.49	+0.43
J. Aulia Res.				377.19	-
J. Aulia D.S				372.20	-0.02
Rogeires		12.50	+0.69	12.51	+0.67
Sennar Res.				20.70	-
Khartûm				11.47	-0.13
Kh. el Girba					
'Atbara		11.06	+0.04	11.07	+0.04
Kajnarti		134.20	-0.35	134.18	-0.32
Aswân Res.		120.29	-	120.32	-
Aswân D.S		86.31	+0.12	86.44	+0.25
Roda (Cairo)		16.58	+0.70	16.49	+0.56

UPPER AIR TEMP ALMÂZA AT 14 GMT ON 17th

HEIGHT FEET	PPP mb	TT °C	tt °F
Surface	1004	63	52
500	990	56	49
1000	972	55	47
1500	954	54	45
2000	937	53	43
4000	871	48	36
6000	808	46	34
8000	749	41	29
10000	693	35	29
12000	641	28	23
14000	592	26	22
16000	546	18	17

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m.
Sunset h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on THURSDAY 18th — الساعة ١٤ يوم 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	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	24	4	1	4	4	17.9	17.3	40	0	131
MARIUT	02	7	26	3	1	5	4,2	18	18	46	0	150
ALEXANDRIA	02	9	22	4	2	5	6	18.2	17.0	40	0	132
DAMIETTA	03	8	20	2	2	8	6	18.2	16.9	54	0	159
PORT SA'ÎD	02	7	25	2	2	7	4	19	16	52	0	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	03	7	24	3	2	8	6	18.6	18.2	60	0	136
MANSÛRA	03	7	24	1	2	8	6	18.3	16.5	81	0	137
TANTA	02	6	16	1	2	8	7	18.6	16.6	60	0	138
ZAGAZIG	02	6	18	2	2	5	8	17.9	17.2	61	0	139
SHEBÎN EL KÔM	02	8	28	2	2	6	6	18.7	17.2	49	0	—
MIDDLE EGYPT												
CAIRO ALMAZA	02	7	29	2	2	5	4,1	18.0	18	37	0	141
CAIRO EZBEKÎYA	02	8	20	2	1	5	4	18.6	17.8	36	0	—
CAIRO GÎZA	02	8	30	2	1	5	4	18.4	17.4	40	0	—
HELWÂN	02	7	20	2	2	6	4	17.9	17.6	35	0	143
SUEZ												144
UPPER EGYPT												
FAIYÛM	02	8	20	1	2	6	6	18.0	19.0	29	0	153
MINYA	01	7	02	5	1	5	4,1	18	19	20	0	154
ASYÛT												155
NAG' HAMÂDI	00	8	24	1	0	0	—	16.3	20.2	38	0	164
QENA	01	9	24	2	0	2	1	15.5	18.3	38	0	156
LUXOR	00	9	28	2	0	0	—	15.4	21.2	33	0	157
ASWÂN	00	9	30	1	0	0	—	14.3	24.5	36	0	158
WESTERN DESERT												
SÎWA	03	8	00	0	2	8	5	20.2	18.2	60	0	148
BAHARÎYA	02	8	32	1	1	5	4	18.7	18.2	31	0	149
KHÂRGA	02	8	02	3	1	5	1	17.1	20.0	29	0	151
DAKHLA	01	8	28	1	2	4	5	19.8	19.0	53	0	152
RED SEA												
TÛR	00	9	22	1	0	0	—	15.6	22.0	34	0	145
HURGHÂDA	01	9	02	3	0	4	2	16	21	53	0	146
QUSEIR	01	8	32	2	1	4		15.6	22.5	42	0	147
PORT SÛDÂN	00	8	06	3	1	2	8	11	28	20	0	208
NORTH SÛDÂN												
WÂDI HALFA												165
KAREIMA	01	8	06	3	0	4	2	8	33	23	0	166
'ATBARA	18	6	04	3	3	0	—	5	34	25	0	167
KHARTÛM	00	8	04	3	0	0	—	5	34	19	0	209
KASSALA	00	8	08	3	0	0	—	2	37	22	0	170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	02	5	0	0	—	9	28	18	0	171
RENK	00	9	04	2	0	0	—	7	35	30	0	182
ROSEIRES	00	8	28	1	0	0	—	6	27	24	0	172
EL OBEID	00	8	28	4	0	0	—	5	32	21	0	174
EL FÂSHER	01	8	04	2	1	8	1	—	31	21	0	175
GENEINA	03	8	04	4	1	8	2	—	33	10	0	179
KADUGLI	00	8	04	2	0	0	—	6	34	23	0	187
S. SÛDÂN												
MALAKÂL	00	8	28	2	0	0	—	4	36	10	0	176
WÂU	02	8	06	2	1	8	2	4	36	22	0	177
JUBA	03	8	02	1	1	5	8,2	2	37	24	0	173

At 20h. on 18th — الساعة ٢٠ يوم الخميس 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	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	8	26	2	0	3	3	20.0	18.4	49	0
MARIUT	02	7	00	0	2	5	4,2	20	18	76	0
ALEXANDRIA	01	6	24	2	2	4	4	20.3	18.0	50	0
DAMIETTA	02	6	14	1	2	5	5	19.4	18.0	95	0
PORT SA'ÎD	02	7	25	1	2	7	4	19	16	77	0
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	02	5	24	2	2	5	1	19.9	18.8	77	0
MANSÛRA	02	6	28	1	2	5	6	20.4	18.6	80	0
TANTA	01	8	00	0	1	4	8	20.0	18.0	86	0
ZAGAZIG	00	6	24	2	0	0	—	20.8	18.2	75	0
SHEBÎN EL KÔM	01	7	30	1	1	4	4	19.2	18.4	70	0
MIDDLE EGYPT											
CAIRO ALMAZA	01	7	32	1	2	5	4	20.0	16.6	46	0
CAIRO EZBEKÎYA	01	6	02	2	1	5	4	21.1	14.0	59	0
CAIRO GÎZA	01	6	02	2	1	5	4	21.1	12.7	65	0
HELWÂN	02	7	02	2	2	7	4	19.9	14.7	30	0
SUEZ											
UPPER EGYPT											
FAIYÛM	02	8	32	1	2	6	6	19.9	14.1	42	0
MINYA	00	7	31	2	1	2	4	19	14	67	0
ASYÛT											
NAG' HAMÂDI	00	8	00	0	0	0	—	18.0	13.4	60	0
QENA	01	6	24	2	1	0	—	16.8	13.0	61	0
LUXOR	01	8	20	2	1	4	1	17.2	14.0	57	0
ASWÂN	00	8	32	3	0	0	—	14.6	19.0	22	0
WESTERN DESERT											
SÎWA	00	6	00	0	0	0	—	21.1	9.6	69	0
BAHARÎYA	01	7	32	1	1	4	4	20.4	13.6	45	0
KHÂRGA	00	9	00	0	0	0	—	18.7	13.8	22	0
DAKHLA	00	8	00	0	0	0	—	19.0	9.3	60	0
RED SEA											
TÛR	00	8	22	1	0	0	—	—	14.8	47	0
HURGHÂDA	01	9	26	2	1	4	2	17	15	56	0
QUSEIR	00	8	32	2	0	0	—	17.1	20.0	47	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 18th — الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 18h 15m	ALMAZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 18h	KHARTÛM 18h 30m	KASSALA 18h. m.	EL OBEID 18h 15m	MALAKAL h. m.	JUBA 18h. m.
		03 30 15						03 03 20	06 05 15	06 07 30	06 02 20		06 04 05
		06 22 15						06 03 30	09 05 20	09 08 30	09 02 15		09 13 05
		09 22 10						09 04 35	15 06 40	15 09 30	15 06 30		15 10 15
		12 22 05						15 05 40	21 07 40	21 08 20	21 08 35		21 10 15
		15 24 10						21 08 25	30 08 25	30 11 35	30 09 30		30 10 15
		18 25 20						30 06 15		39 12 30	39 10 40		39 09 40
		21 24 20						39 15 15			45 11 50		45 08 35
		27 25 30						45 14 35			57 25 40		60 05 35

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day % HUMIDITY on 18th	Diff from normal	WET BULB TEMP on 18th	Diff from normal
Alexandria	59	-15	10.2	-2.8
Ezbekiya	52	-17	9.6	-1.9
Giza	61	-13	9.5	-1.6
Helwân	33	-24	7.9	-2.6

GÎZA — GRASS MINIMUM TEMP ON 19th 4.2 °C

CAIRO — WATER TEMP AT 9h; RIVER NILE ON ... °C

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	19.12	1620	675
	18.12	1620	1759

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	19.12.1947	13.60	+0.12	13.60	+0.12
Nâsser				10.41	+1.45
Malakâl		12.49	+0.47	12.49	+0.44
J. Aulia Res.				323.13	—
J. Aulia D.S				322.20	-0.07
Roseires		13.45	+0.67	13.50	+0.69
Sennar Res.		20.69	—	20.69	—
Khartûm		11.47	-0.02	11.46	-0.12
Kh. el Girba					
'Atbara		11.04	+2.95	11.06	+0.04
Kajnarti		134.22	-0.30	134.20	-0.35
Aswân Res.		120.26		120.27	—
Aswân D.S		26.39	+0.11	26.3.	+0.12
Roda (Cairo)		18.56	+0.76	18.58	+2.13

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on FRIDAY 19th — الساعة ٨ يوم الجمعة ١٩

STATION	PRESENT WEATHER ww	VISIBILITY v	WIND Dir. DD	WIND Force f	PAST WEATHER w	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct 1 mms.	RAINFALL Norm From Oct 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	01	9	22	3	1	4	3	22.4	+4.0	9.7	18	-2	8	-2	78	0		58
MARIUT	01	7	00	0	0	4	4,1	22		12	19	—	8	—	76	0	26	55
ALEXANDRIA	02	8	00	0	2	5	4	22.3	+3.6	13.8	18	-2	10	-2	62	0	67	73
DAMIETTA	01	8	18	2	1	3	3	21.2	+3.2	11.1	17	—	6	—	75	0	11	32
PORT SA'ÎD	01	7	22	2	0	4	6,1	22		12	16		11		76	0	19	24
EL 'ARÎSH																	4r	27
LOWER EGYPT																		
DAMANHÛR	01	6	24	3	1	4	1	21.6	+2.9	11.0	19	-2	8	-1	70	0	15	27
MANSÛRA	01	8	24	1	1	4	6	21.9	+3.3	8.3	17	-4	8	-1	77	0	14	14
TANTA	02	8	12	1	1	5	8	22.4	+3.3	10.0	17	-4	4	-4	74	0	4	11
ZAGAZIG	02	6	24	2	2	5	8	22.3	+3.1	11.9	19	-2	7	-1	74	0	7	8
SHEBÎN EL KÔM	01	8	26	1	1	4	4	22.4	+3.2	9.9	19	—	7	—	65	0	2	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	00	0	0	4	4,1	22.4	+3.2	10.0	18	—	9	—	58	0	1	—
CAIRO EZBEKÎYA	03	6	00	0	2	8	1	22.0	+2.8	11.2	19	-2	10	0	60	0	14	7
CAIRO GÎZA	03	6	00	0	2	8	1	22.2	+3.4	11.8	18	-2	8	+1	65	0	19	8
HELWÂN	02	7	02	1	2	6	3	22.6	+3.1	12.2	18	-2	11	+1	62	0	9	6
SUEZ																	5	7
UPPER EGYPT																		
FAIYÛM	02	8	32	2	2	6	6	22.4	+3.0	11.5	19	-2	9	+1	49	0	4	1
MINYA	04	7	31	3	0	4	4,1	21		10	20		5	—	50	0	dr	—
ASYÛT	00	7	22	1	0	0	—	21.4	+1.5	9.2	20	-1	7	0	71	0	0	3
NAG' HAMÂDI	00	8	24	1	0	0	—	20.4	+1.5	9.7	22	—	9	—	68	0	0	—
QENA	01	7	24	2	0	2	1	18.4	-0.4	8.0	19	-5	7	-1	79	0	5	—
LUXOR	01	8	06	2	1	4	1	18.3	-0.6	11.9	24	+1	9	+2	64	0	0	—
ASWÂN	02	8	32	3	1	5	1	18.0	-0.3	10.8	26	+1	13	+1	31	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	—	22.2	+2.8	2.8	19	-2	1	-4	72	0	dr	3
BAHARÎYA	02	7	32	1	2	6	4	22.7	+2.5	9.5	19	-2	6	0	58	0	dr	3
KHÂRGA	00	8	00	0	2	5	2	21.6	+2.4	12.8	21	-2	7	-1	35	0	0	—
DAKHLA	01	8	00	0	1	4	5	21.5	+1.3	12.3	19	-4	6	0	62	0	0	—
RED SEA																		
TÛR	00	8	22	2	0	—	—	18.6	+0.9	12.8			8	-2	42	0	0	5
HURGHÂDA	01	9	26	3	0	4	1	19		15	21		12		55	0	dr	3
QUSEIR	03	8	22	2	1	4	2	18.0	-0.5	17.8	23	-1	15	-1	42	0	0	4
PORT SÛDÂN	00	8	28	2	0	3	2,4	16		26			21		79	0	226	73
NORTH SÛDÂN																		
WÂDI HALFA																0	0	—
KAREIMA																0	0	1
'ATBARA																0	dr	2
KHARTÛM																0	dr	4
KASSALA																0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI																4	7	12
RENK												—		—		—	—	49
ROSEIRES																0	33	36
EL OBEID																0	1	16
EL FÂSHER								—	—							0	0	6
GENEINA								—	—			—		—		0	—	4
KADUGLI												—		—		—	—	39
S. SÛDÂN																		
MALAKÂL																0	53	28
WÂU	00	8	32	1	1	3	—	10		23			20		57	0	48	142
JUBA	01	8	02	4	1	3	2	14		20			16		46	0	49	137

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 7h 30m	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN h. m.	MINYA h. m.	ASYÛT h. m.	[illegible] 7h 30m	[illegible] 7h m.	WÂDI HALFA 7h 30m	ABU HAMAD 7h m.	KAREIMA 7h 15m	KHARTÛM 7h m.
03 28 30						03 10 25	03 01 20	03 01 20	09 07 40	03 05 25	06 04 25
06 29 30						06 30 20	06 01 30	06 04 35	15 08 20	06 07 30	09 06 15
09 29 20						09 07 30	09 01 20	09 04 30	21 09 10	09 06 10	15 07 35
12 28 20						12 08 30	12 01 30	15 07 30		15 08 35	21 07 40
15 27 15						15 11 30	15 34 20	21 11 15		21 06 30	27 06 40
18 27 20						18 26 20	18 23 05	24 16 20		24 07 30	33 01 35
21 26 30						21 24 30	21 24 10	30 24 15		30 08 20	
24 28 30						24 26 30	24 27 25	33 26 20		33 11 20	
						27 32 50	27 24 40	36 25 25		39 08 25	

KASSALA h. m.	PORT SÛDÂN 7h m	EL OBEID 7h 15m	EL FÂSHER 7h 15m	GENEINA 7h.	MALAKAL 7h. m.
	03 35 10	06 35 40	09 03 15	09 06 35	06 36 20
	06 03 15	09 01 45	15 07 40	15 08 40	09 01 30
	09 08 30	15 03 45	21 11 40	21 09 50	15 03 30
	15 10 30	21 04 25	24 11 45	24 10 45	21 03 10
	21 08 30	24 05 30	30 10 50	30 10 50	33 04 20
	24 08 30	21 06 35	33 10 40	33 10 40	39 06 30
	30 07 30	30 04 30	39 11 40	39 10 50	
	33 04 30	33 04 30		45 11 40	
	39 08 30	39 03 40		51 12 45	
	45 10 15			60 12 30	

CYPRUS SYNOPTIC 8h ON 19th

UPPER AIR TEMP — ALMAZA

AT 14 G.M.T ON 18th

HEIGHT FEET	PPP mb.	TT °F	tt °F
Surface	1009	61	55
500	991	60	52
1000	973	56	50
1500	955	54	48
2000	938	52	[illegible]
4000	872	47	43
6000	809	48	39
8000	750	45	36
10000	694	40	33
12000	642	32	[illegible]
14000	593	25	24
16000	546	16	16

WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 7 h. 45 m.
Sunset 16 h. 59 m.

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT
1417 F.O.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on FRIDAY 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)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 8-14 hr. mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	9	26	3	0	0	-	22.6	17.6	44	0	131
MARIUT	00	7	28	2	0	3	8	21	20	53	0	150
ALEXANDRIA	01	9	28	2	2	3	8	21.6	19.0	48	0	132
DAMIETTA	01	9	28	2	1	3	8	20.4	19.2	60	0	159
PORT SA'ÎD	00	8	23	2	1	3	6,1	21	18	56	0	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	00	7	28	3	1	3	8	21.2	22.2	42	0	136
MANŞÛRA	01	8	32	1	1	4	8	21.5	20.8	46	0	137
TANTA	01	8	28	2	2	4	8	21.2	19.7	44	0	138
ZAGAZIG	02	6	24	2	2	5	8	21.4	19.6	60	0	139
SHEBÎN EL KÔM	00	8	30	3	0	2	8	21.4	20.8	45	0	—
MIDDLE EGYPT												
CAIRO (ALMÂZA	01	7	02	2	1	5	4,8	20.9	18.8	58	0	141
CAIRO (EZBEKÎYA	02	8	04	3	1	5	1	21.1	18.8	55	0	—
CAIRO (GÎZA	02	8	04	2	1	5	1	21.1	18.6	58	0	—
HELWÂN	02	7	02	4	2	5	1	21.0	17.0	47	0	143
SUEZ												144
UPPER EGYPT												
FAIYÛM	02	8	32	2	2	6	6	21.0	18.5	42	0	153
MINYA	01	7	01	2	1	5	4	20	17	42	0	154
ASYÛT	00	8	32	1	0	0	-	18.3	21.1	34	0	155
NAG' HAMÂDI	00	8	24	1	0	0	-	17.8	21.4	39	0	164
QENA	01	9	24	2	1	3	1	17.8	19.3	30	0	156
LUXOR	01	9	02	2	1	3	1	17.8	23.0	31	0	157
ASWÂN	02	9	32	2	1	5	4	15.5	25.0	33	0	158
WESTERN DESERT												
SÎWA	00	8	00	0	0	0	-	22.5	19.0	60	0	148
BAHARÎYA	02	8	32	1	2	6	4	21.6	11	38	0	149
KHÂRGA	01	8	02	4	1	4	2	19.5	20.6	21	0	151
DAKHLA	01	9	32	2	1	4	5	19.1	20.2	54	0	152
RED SEA												
TÔR	01	9	28	4	1	4	1	17.5	21.6	50	0	145
HURGHÂDA	01	9	02	5	1	3	1	17	21	78	0	145
QUSEIR	01	8	02	3	1	3	8	17.4	22.7	44	0	147
PORT SÛDÂN	00	8	06	3	1	8	8,1	3	29	70	0	208
NORTH SÛDÂN												
WÂDI HALFA	01	8	02	3	1	5	2	15	26	21	0	165
KAREIMA	01	8	07	3	1	4					0	166
'ATBARA											0	167
KHARTÛM	00	8	04	3	0	0	-	5	36	12	0	203
KASSALA											0	170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	04	4	0	0	-	4	38	22	0	171
RENK	00	9	32	2	0	0	-	4	35	30	0	182
ROSEIRES	00	8	30	1	0	0	-	4	37	24	0	172
EL OBEID	00	8	30	3	0	1	1	9	33	24	0	174
EL FASHER	00	8	04	2	1	8	1	—	33	30	0	175
GENEINA	00	8	06	3	0	0	-	—	34	12	0	179
KADUGLI	00	8	04	2	0	0	-	5	37	17	0	187
S. SÛDÂN												
MALAKÂL											0	176
WÂU	02	8	02	2	1	6	2	5	34	22	0	177
JUBA											0	[illegible]

At 20h. on 19th — الساعة ٢٠ 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 PRESS M.S.L. 1000+ mbs. (PPP)	°C TEMP. (TTT)	% HUMIDITY (UU)	RAIN 14-20 hr. mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	24	2	0	0	-	23.9	11.2	65	0
MARIUT	00	7	00	0	1	3	6	23	16	68	0
ALEXANDRIA	01	6	28	2	2	4	8	23.2	17.0	59	0
DAMIETTA	00	7	20	1	1	0	-	22.0	13.0	87	0
PORT SA'ÎD	00	7	22	1	0	1	6	22	15	77	0
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	00	5	28	2	0	3	8	22.6	10.8	77	0
MANŞÛRA	00	6	02	1	1	0	-	23.2	14.0	71	0
TANTA	01	8	02	1	1	4	8	23.6	11.0	90	0
ZAGAZIG	00	6	24	2	0	2	8	—	14.4	72	0
SHEBÎN EL KÔM	00	7	30	2	0	0	-	22.3	13.2	68	0
MIDDLE EGYPT											
CAIRO (ALMÂZA	01	7	00	0	1	4	4	22.8	14.1	69	0
CAIRO (EZBEKÎYA	01	6	02	2	1	5	4	22.8	13.7	79	0
CAIRO (GÎZA	01	6	02	2	1	5	4	23.4	12.1	83	0
HELWÂN	01	7	32	2	2	5	4	23.2	14.8	63	0
SUEZ											
UPPER EGYPT											
FAIYÛM	02	8	02	1	2	6	6	22.7	15.3	61	0
MINYA	02	7	31	2	2	6	5	22	12	63	0
ASYÛT	01	6	32	1	1	4	1	20.2	13.1		0
NAG' HAMÂDI	00	8	00	0	0	0	-	20.0	14.4	60	0
QENA	01	6	24	2	1	3	1	18.7	15.3	56	0
LUXOR	01	8	30	2	1	3	1	18.2	15.7	41	0
ASWÂN	00	9	32	1	0	0	-	16.2	20.0	32	0
WESTERN DESERT											
SÎWA	00	6	00	0	0	0	-	23.6	8.2	79	0
BAHARÎYA	02	7	32	2	2	5	4	22.1	13.5	41	0
KHÂRGA	02	7	02	2	2	6	1	22.5	16.8	30	0
DAKHLA	01	8	32	1	1	3	5	20.6	14.9	63	0
RED SEA											
TÔR	01	8	28	1	1	4	1	19.4	18.2	53	0
HURGHÂDA	01	9	26	2	1	4	2	17	15	55	0
QUSEIR	00	8	32	3	0	0	-	17.4	20.2	65	0
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI HALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

At 8h. on SATURDAY 20th — الساعة ٨ يوم السبت ٢٠

STATION	PRESENT WEATHER (ww)	VISIBILITY (V)	WIND Dir. (DD)	WIND Force (F)	PAST WEATHER (W)	CLOUD Amount (N)	CLOUD Form (C)	CAR PRESSURE M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C (TTT)	MAXIMUM Yesterday °C (MM)	MAXIMUM Diff. from norm. °C	MINIMUM Today °C (mm)	MINIMUM Diff. from norm. °C	% HUMIDITY (UU)	RAINFALL Past 24 hrs. mms	RAINFALL Total From Oct. 1 mms	RAINFALL Norm. From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH																		59
MARIUT	00	7	00	0	0	8	6	24		12	20	—	9	—	78	0	26	56
ALEXANDRIA	01	9	28	1	2	4	8	24.2	+5.5	15.4	21	+1	12	0	57	0	67	75
DAMIETTA	01	7	20	1	1	4	6	23.4	+5.4	13.5	20	—	12	—	86	0	11	33
PORT SA'ÎD	01	7	22	2	0	3	6,4	23		14	19		12		77	0	10	24
EL 'ARÎSH																	dr	29
LOWER EGYPT																		
DAMANHÛR	01	5	28	2	1	3	8	23.5	+4.8	9.2	23	+2	6	-3	78	0	15	28
MANŞÛRA	01	8	02	1	1	4	6	23.6	+5.0	12.0	22	+1	8	-1	83	0	14	14
TANTA	00	8	00	0	1	0	-	24.0	+4.9	7.5	21	0	5	-3	93	0	4	11
ZAGAZIG	02	6	18	2	2	5	8	24.0	+4.8	8.6	22	+1	7	-1	84	0	7	8
SHEBÎN EL KÔM	00	7	22	1	0	1	8	24.0	+4.8	9.2	23	—	8	—	88	0	2	—
MIDDLE EGYPT																		
CAIRO (ALMAZA	01	7	10	1	1	4	4,5,8	23.7	+4.6	11.0	19	—	8	—	87	0	1	—
CAIRO (EZBEKÎYA	01	6	28	2	1	4		24.2	+4.9	11.4	20	-1	9	0	83	0	14	7
CAIRO (GÎZA	01	6	28	2	1	4		24.7	+5.4	12.	19	-1	7	0	75	0	19	8
HELWÂN	02	6	32	1	2	6	1	24.2	+4.7	11.8	18	-2	10	0	69	0	9	6
SUEZ																	5	7
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	6	6	24.0	+4.6	10.0	19	-2	9	+1	78	0	4	1
MINYA	02	7	01	2	1	5	4,1	22		12	17		10		76	0	dr	—
ASYÛT	01	7	22	1	1	4	6	22.2	+2.3	9.8	21	0	9	+2	83	0	0	3
NAG' HAMÂDI	00	8	24	1	0	0	-	21.2	+2.1	11.6	22	—	11	—	74	0	0	—
QENA	01	7	24	2	1	3	1	20.8	+2.0	10.6	20	-4	8	0	80	0	5	—
LUXOR	00	8	10	2	0	0	-	20.7	+1.8	15.0	24	+1	7	+1	63	0	0	—
ASWÂN	00	9	32	1	0	0	-	19.5	+0.7	15.0	26	+1	12	+2	47	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	-	24.4	+4.0	1.8	20	-1	.	-4	85	0	dr	3
BAHARÎYA	02	8	32	2	2	5	4	23.8	+2.6		17	-4	7	+1	68	0	dr	3
KHÂRGA	01	8	04	1	0	3	1	21.4	+2.8	11.2	21	-2	7	-1	47	0	0	—
DÂKHLA	01	8	00	0	1	3	5	22.4	+2.1	12.6	21	+2	8	+2	74	0	0	—
RED SEA																		
TÔR	01	9	32	1	1	3	1	20.0	+2.2	12.3			11	+1	82	0	0	6
HURGHÂDA	00	9	27	2	0	0	-	20		17	22		12		52	0	dr	3
QUSEIR	00	8	30	3	0	0	-	19.4	+1.9	18.4	23	-1	16	0	45	0	0	4
PORT SÛDÂN																0	226	74
NORTH SÛDÂN																		
WÂDI HALFA	00	8	32	2	0	2	1	19		14			12		16	0	0	—
KAREIMA																0	0	1
'ATBARA																0	dr	2
KHARTÛM																0	dr	4
KASSALA																0	dr	2
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	04	4	0	0	-	18		24					64	0	7	12
RENK												—		—		—	—	49
ROSEIRES																0	33	26
EL OBEID																0	1	16
EL FASHER	00	8	32	2	0	0	-	—	—	16			m		48	0	0	6
GENEINA								—	—			—		—		—	—	4
KADUGLI												—		—		—	0	89
S. SÛDÂN																		
MALAKÂL																0	53	88
WÂU																0	48	142
JUBA																0	49	128

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	12 h. 30 m.	12 h. m.	h. m.	12 h. m.	h. m.	h. m.
							09 04 05	09 08 25	09 03 20		15 03 55		
							15 06 05	15 11 40	15 05 20		21 03 35		
							21 11 05	21 10 45	21 00 30		27 11 15		
							24 16 10		27 09 30		30 17 20		
							30 25 15				33 18 20		
							33 27 15				36 17 20		
							35 26 20						

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	SÎWA	[illegible]	ABU HAMAD	KAREIMA	KHARTÛM
7 h. 15 m.	h. m.	7 h. m.	9 h. 15 m.	h. m.	7 h. m.	7 h. 15 m.	8 h. m.	7 h. m.	h. m.	h. m.	h. m.
03 24 30		03 30 15	03 36 10		03 34 25	03 01 05	03 09 20	03 04 25			
06 21 30		06 31 10	05 03 30		05 01 40	06 01 10	06 09 20	06 05 35			
09 30 30		09 33 05	08 04 35		10 01 20	09 03 20	09 08 05	09 05 30			
12 08 15		12 02 05	10 05 40			12 36 15	15 12 30	12 04 25			
15 28 10		15 06 05	15 06 45			15 36 30	18 15 05	15 32 15			
18 22 30		21 07 30	20 34 15			18 34 30	21 15 05	18 27 30			
		27 03 15	23 31 30			21 36 30	27 28 30	21 28 30			
		30 22 30	28 30 35			24 36 30	30 25 25	24 28 40			
		33 22 40	30 26 55			27 36 35		27 26 55			

KASSALA	PORT SÛDÂN	EL OBEID	EL FASHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

UPPER AIR TEMP. ALMÂZA — AT 13 G.M.T. ON 19th

HEIGHT FEET	P.P.P. m.b.	T.T. °F	t.t. °F
Surface	1013	63	57
500	994	61	56
1000	977	58	54
1500	959	56	53
2000	942	53	52
4000	875	44	41
6000	812	43	34
8000	752	41	31
10000	696	37	26
12000	644	32	24
14000	595	25	22
16000	549	23	17

CYPRUS SYNOPTIC 8h ON 20th

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

STATION	Mean of day: HUMIDITY % on 19th	HUMIDITY Diff from normal	WET BULB TEMP °C on 19th	WET BULB TEMP Diff from normal
Alexandria	56	-9	12.1	-0.8
Ezbekiya	62	-7	11.2	-0.3
Giza	67	-7	11.5	+0.4
Helwân	47	-10	10.0	-0.5

GIZA — GRASS MINIMUM TEMP. ON 20th 2.0 °C

CAIRO — WATER TEMP. AT 9h. RIVER NILE ON ..... °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m	Previous day Diff from normal m
Jûba				13.60	+0.13
Nasser					
Malakâl		13.49	+0.58	12.49	+0.47
J. Aulia Res.					
J. Aulia D.S					
Roseires	19.12.47	12.42	+0.67	12.46	+0.67
Sennar Res.				20.69	
Khartûm				11.43	-0.09
Kh. el Girba					
'Atbara	20.12.47	11.02	+0.03	11.04	+0.03
Kajnarti		134.25	-0.25	134.23	-0.30
Aswân Res.		120.27		120.26	
Aswân D.S		86.14	-0.05	86.30	+0.11
Roda (Cairo)		16.54	+0.87	16.54	+0.76

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	20.12	1504	1586
	19.12	1620	1678

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 6 46
Sunset h. m. 16 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on SATURDAY 20th — الساعة ١٤ يوم السبت ٢٠ | At 20h. on 20th — الساعة ٢٠ يوم السبت ٢٠

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 h. mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 h. mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	28	2	0	3	1	22.7	17.8	50	0	00	9	00	0	0	2	1	22.2	12.5	71	0	131
MARIUT	01	7	30	1	0	4	6,1	22	20	46	0	00	6	00	0	0	2	1	22	13	77	0	150
ALEXANDRIA	01	9	28	2	2	4	8	22.4	19.6	45	0	01	6	00	0	2	4	1	22.4	16.0	57	0	132
DAMIETTA	00	8	28	3	1	3	8	21.4	19.2	60	0	00	7	22	1	1	2	8	21.6	13.4	92	0	159
PORT SA'ÎD	00	8	31	2	0	3	8	21	19	73	0	01	7	08	2	0	4	9	22	18	73	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	32	3	1	3	8	21.9	20.3	48	0	01	6	32	3	1	3	8	21.9	12.8	76	0	136
MANSÛRA	01	8	04	1	1	4	8	21.8	21.0	49	0	00	6	02	2	1	0	-	22.4	14.6	75	0	137
TANTA	01	8	28	2	1	3	8	21.6	20.2	48	0	01	8	32	1	1	4	8	22.6	12.8	58	0	138
ZAGAZIG	01	6	04	2	1	4	8	21.1	19.8	60	0	00	6	32	2	0	0	-	21.6	14.4	78	0	139
SHEBÎN EL KÔM	01	8	04	2	1	4	8	21.4	21.7	45	0	00	7	04	1	0	0	-	22.7	13.8	80	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	02	3	1	5	8,1	21.1	20	40	0	01	7	04	3	1	4	2	21.4	15.7	62	0	141
CAIRO EZBEKÎYA	01	8	02	2	1	3	1	21.4	20.7	51	0	01	7	02	2	1	5	2	21.2	14.3	77	0	—
CAIRO GÎZA	01	8	02	2	1	2	1	21.5	20.2	50	0	01	7	02	2	1	5	2	22.2	12.9	80	0	—
HELWÂN	01	9	02	3	1	4	1	21.0	19.9	38	0	00	7	04	2	2	7	2	21.6	15.3	57	0	143
SUEZ	0																						144
UPPER EGYPT																							
FAIYÛM	02	8	02	2	2	5	6	20.7	19.2	35	0	02	8	02	1	2	5	1	20.8	14.9	68	0	153
MINYA	01	7	01	4	2	5	1	19	18	52	0	00	7	32	2	0	3	1	19	13	67	0	154
ASYÛT	01	8	26	1	1	4	6	19.0	20.0	48	0	01	6	28	1	1	4	1	19.2	14.0	78	0	155
NAG' HAMÂDI	00	8	00	0	0	0	-	17.5	21.7	46	0	00	8	00	0	0	0	-	18.8	14.3	67	0	164
QENA	01	9	24	2	1	3	1	17.2	20.0	40	0	01	6	24	2	1	3	1	17.5	16.3	51	0	156
LUXOR	00	9	30	2	0	0	-	16.7	23.5	36	0	00	8	28	2	0	0	-	17.5	15.4	47	0	157
ASWÂN	00	9	32	1	0	0	-	15.0	26.0	30	0	00	9	00	0	0	0	-	17.2	22.0	36	0	158
WESTERN DESERT																							
SÎWA	00	8	12	2	0	0	-	22.8	19.1	28	0	00	6	12	2	0	0	-	21.4	9.4	71	0	148
BAHARÎYA	01	8	32	1	1	4	8	20.7	20.5	37	0	02	7	28	1	2	6	5	21.0	16.0	50	0	149
KHÂRGA	01	9	02	1	0	3	1	19.2	22.2	29	0	00	8	32	1	0	0	-	19.6	12.9	38	0	151
DAKHLA	01	9	00	0	1	3	5	18.2	24.1	41	0	00	8	00	0	0	0	-	19.4	14.9	66	0	152
RED SEA																							
TÔR	01	8	28	1	1	3	1	18.2	21.8	43	0	01	8	28	1	1	3	1	18.5	18.2	37	0	145
HURGHÂDA	01	9	02	5	0	4	4,2	18	20	68	0	01	7	30	4	1	4	4	18	19	60	0	146
QUSEIR	00	8	32	4	0	0	-	18.2	22.4	53	0	00	8	32	3	0	0	-	17.9	19.7	61	0	147
PORT SÛDÂN	00	8	27	3	1	3	2,4	12	28	66	0												208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	00	7	10	4	0	1	1	8	34	30	0												166
'ATBARA	32	4	08	5	3	9		7	37	12	0												167
KHARTÛM	00	8	06	4	0	0	-	7	36	17	0												209
KASSALA	00	8	06	4	0	0	-	5	37	13	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	02	2	0	0	-	3	38	11	0												171
RENK	00	8	04	2	0	0	-	4	36	27	0												182
ROSEIRES	00	8	12	1	0	0	-	5	39	20	0												172
EL OBEID	00	8	04	3	0	0	0	7	33	32	0												174
EL FÂSHER	00	7	04	3	0	0	-	—	32	20	0								—				175
GENEINA	00	8	32	4	0	0	0	—	32	15	0								—				179
KADUGLI																							187
S. SÛDÂN																							
MALAKÂL	01	8	00	0	0	2	2,6	3	37	20	0												176
WÂU	02	8	06	3	2	6	2,4,2	3	37	22	0												177
JUBA	02	8	04	3	1	5	2,4	3	37	20	0												173

At 8h. on SUNDAY 21st — الساعة ٨ 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 Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total From Oct. 1 mms	Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	01	9	00	0	0	5	1	18.3	-0.2	12.0	19	0	8	-2	74	0		61
MARIUT	01	7	02	1	4	5	3	18		14	20	—	10	—	88	0	26	57
ALEXANDRIA	02	9	04	1	2	5	2	17.5	-1.2	16.6	21	+1	14	+2	66	0	67	77
DAMIETTA	01	6	10	1	1	4	1	17.6	-0.4	13.1	20	—	9	—	100	0	11	34
PORT SA'ÎD	01	7	31	1	1	5	6,4,6	18		14	20		12		100	0	10	25
EL 'ARÎSH																	dr	28
LOWER EGYPT																		
DAMANHÛR	01	5	04	2	1	5	6	18.7	0.0	12.3	21	0	9	0	75	0	15	29
MANSÛRA	01	8	04	1	1	4	6	17.6	-1.1	13.0	22	+1	10	+1	89	0	14	14
TANTA	01	8	32	1	1	5	8	18.0	-1.1	9.8	22	+1	6	-2	98	0	4	11
ZAGAZIG	02	6	02	2	2	5	8	17.6	-1.6	9.4	22	+1	7	-1	100	0	7	9
SHEBÎN EL KÔM	01	7	04	1	1	4	4	18.8	-0.2	11.2	23	—	8	—	95	0	2	—
MIDDLE EGYPT																		
CAIRO ALMÂZA	01	7	06	2	1	5	4	16.8	-2.5	11.5	21	—	8	—	78	0	1	—
CAIRO EZBEKÎYA	05	5	28	1	1	5	4	17.0	-2.3	10.6	21	0	10	+1	90	0	14	7
CAIRO GÎZA	05	5	28	1	1	5	4	17.1	-2.2	10.3	21	+1	8	+1	94	0	19	8
HELWÂN	03	6	00	0	2	7	4	16.6	-2.9	12.9	20	0	10	0	69	0	9	7
SUEZ																	5	8
UPPER EGYPT																		
FAIYÛM	02	8	30	1	2	7	6	17.0	-2.4	11.5	20	-2	9	+1	85	0	4	2
MINYA	01	7	01	2	1	5	4	17		11	19		9		76	0	dr	—
ASYÛT	00	7	00	0	0	0	-	17.5	-2.5	12.1	21	0	8	+1	76	0	0	3
NAG' HAMÂDI	00	8	00	0	0	0	-	17.8	-1.4	10.9	23	—	10	—	64	0	0	—
QENA	00	7	32	1	0	0	-	17.1	-1.7	12.4	21	-3	9	+1	48	0	5	—
LUXOR	00	9	06	2	0	0	-	17.4	-1.6	11.0	24	+1	7	0	81	0	0	—
ASWÂN	00	9	32	1	0	0	0	16.6	-2.2	15.8	27	+2	12	+2	48	0	0	—
WESTERN DESERT																		
SÎWA	03	7	00	0	2	8	9	18.4	-2.1	9.1	21	0	2	-2	78	0	dr	3
BAHARÎYA	02	7	00	0	2	8	4	17.2	-3.0	12.2	21	0	5	-1	86	0	dr	3
KHÂRGA	00	9	00	0	0	0	-	17.8	-1.6	11.2	23	0	7	-1	65	0	0	—
DÂKHLA	00	8	00	0	0	0	-	17.0	-3.3	9.6	24	+1	6	0	67	0	0	—
RED SEA																		
TÔR	00	8	04	2	0	0	-	17.0	-0.2	13.2	22	+1	7	0	34	0	0	6
HURGHÂDA	00	9	26	3	0	0	-	17		15	21		11	0	39	0	dr	3
QUSEIR	00	8	28	3	0	0	-	16.4	-1.1	18.6	23	-1	15	-1	41	0	0	4
PORT SÛDÂN	00	8	30	3	0	3	2,4	16		25			22		74	0	226	75
NORTH SÛDÂN																		
WÂDI HALFA	00	7	02	1	0	0	-	15		16			11		36	0	0	—
KAREIMA	00	8	02	2	0	0	-	12		22			21		61	0	0	1
'ATBARA	00	7	04	2	0	0	-	12		21			18		65	0	dr	2
KHARTÛM	00	8	04	3	0	0	-	11		22			18		53	0	dr	4
KASSALA	18	6	02	5	0	0	-	9		22			24		25	0	dr	3
CENTRAL SÛDÂN																		
WAD MEDANI	00	8	06	4	0	0	-	9		23					60	0	7	12
RENK	00	9	04	2	0	0	-	9		23		—		—	47	—	—	49
ROSEIRES	00	8	12	1	0	0	-	12		22					53	0	33	36
EL OBEID	00	7	30	2	0	0	-	11		21					50	0	1	16
EL FÂSHER	00	7	00	0	0	0	-	—	—	16			12		52	0	0	6
GENEINA	00	8	02	3	0	1	1	—	—	19		—	16	—	30	—	—	4
KADUGLI	00	8	29	2	0	0	-	9		25		—		—	36	—	—	89
S. SÛDÂN																		
MALAKÂL	00	7	16	2	0	3	4	9		24			21		61	0	53	88
WÂU	00	7	00	0	0	0	-	7		21			21		65	0	48	142
JUBA	02	8	16	1	1	7	4,2	9		21			21		61	0	49	138

UPPER WINDS ON 20th — الرياح العليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12h. 45m.	KHARTÛM 12h. 30m.	KASSALA 12h. 45m.	EL OBEID 12h. m.	MALAKAL 12h. m.	JUBA 12h. m.
								03 07 20	06 08 25	06 07 20	06 04 20	06 23 05	06 10 30
								06 07 25	09 07 30	09 07 30	09 05 20	09 20 05	09 10 20
								09 08 45	15 08 25	15 10 30	15 33 35	15 32 05	15 10 30
								15 08 50	21 08 25	21 13 30	21 12 30	21 19 05	21 11 55
								21 08 40	30 07 20	30 14 30			30 08 25
								30 08 30	39 08 25	39 17 25			39 07 20
													45 05 20

UPPER WINDS ON 21st — الرياح العليا يوم ٢١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD 8h. m.	HELWÂN 9h. 15m.	[crossed out] 8h. m.	ASYÛT 7h. m.	[crossed out] 7h. 30m.	ASWÂN 7h. m.	[crossed out] 7h. m.	ABU HAMAD 7h. m.	KAREIMA 7h. 15m.	KHARTÛM 6h. 45m.
		03 11 30	02 36 05	03 02 10	02 10 05	03 10 45	02 02 05	02 02 10	06 06 40	02 07 30	06 05 30
		06 11 30	05 13 15	06 11 20	05 16 10	06 11 40	05 10 20	06 13 10	09 07 55	06 07 40	09 06 55
		09 11 25	08 21 10	09 19 15	10 19 20	09 15 30	10 08 15	09 20 20	12 07 55	09 08 40	15 07 50
		12 13 15	10 22 15	15 22 20	15 07 35	12 19 40	15 17 05	12 21 30	21 05 35	15 08 50	21 07 45
		15 21 05		18 20 20		15 22 40	20 22 10	15 20 40	24 05 40	21 10 10	27 08 40
		18 14 15		21 25 40		18 24 45	25 22 10	18 24 55		30 08 20	30 09 30
		21 21 05		27 25 40		21 32 45		21 25 50		39 10 15	33 09 30
		24 14 05		30 25 50		24 26 55		24 25 40		45 11 20	
				33 20 40		27 24 50		27 25		60 11 15	

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. 10m.	EL FÂSHER 7h. 0m.	GENEINA 7h. m.	MALAKAL 7h. m.
06 10 50		03 02 36	06 25 15	09 04 30	06 01 05
09 11 45		09 03 35	09 16 40	15 07 30	09 23 05
15 12 40		15 05 50	21 12 25	21 09 30	15 05 05
21 11 40		21 12 20	30 12 30	30 09 35	21 05 05
30 11 40		30 13 30	39 12 40	39 08 40	30 05 05
39 09 40		33 18 15	45 14 30		39 07 15
45 08 40					
60 08 40					

UPPER AIR TEMP — ALMÂZA — AT 14 GMT ON 20

HEIGHT FEET	P.P.P. m.b.	TT °F	tt °F
Surface	1011	66	60
500	993	62	56
1000	975	60	54
1500	957	58	53
2000	940	56	51
4000	878	46	44
6000	810	48	33
8000	751	46	38
10000	695	40	27
12000	643	36	25
14000	594	31	24
16000	548	22	19

CYPRUS SYNOPTIC 8h ON 21st
34?20 02990 04215 10440 36300 00081
34827 02911 14217 20000 67902 00000

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	54	-11	12.3	-0.5
Ezbekiya	73	+4	12.4	+1.0
Giza	71	-3	12.3	+1.3
Helwân	69	+2	11.1	+0.7

GIZA — GRASS MINIMUM TEMP. ON 21st 4.2 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON — °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
21.12	1584	1594
20.12	1584	1586

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1947	m.	m.	m.	m.
Jûba	21.12.1947			13.59	+0.13
Nâsser				10.36	+1.58
Malakâl		12.48	+0.51	12.49	+0.50
J. Aulia Res.				377.13	–
J. Aulia D.S.				372.21	-0.05
Roseires		12.37	+0.64	13.42	+0.62
Sennar Res.				4.27	-0.06
Khartûm					
Kh. el Girba		11.02	+0.04	11.02	+0.03
'Atbara		124.26	-0.24	124.25	-0.25
Kajnarti		120.22		120.22	
Aswân Res.		86.13	-0.06	86.14	-0.05
Aswân D.S.		16.54	+0.96	16.54	+0.87
Roda (Cairo)				22.70	

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 6 h. 47 m.
Sunset 17 h. 00 m.

MINISTRY OF PUBLIC WORKS

DAILY WEATHER REPORT

PHYSICAL DEPARTMENT

1417 F.C.

Month DECEMBER 1947 شهر ديسمبر ١٩٤٧

At 14 h. on SUNDAY 21st الساعة ١٤ 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 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	00	0	1	5	3	14.3	20.8	42	•	131
MARIUT	01	7	12	1	2	4	4.8	15	20	56	•	150
ALEXANDRIA	02	9	12	2	2	6	5	13.9	19.2	55	•	132
DAMIETTA	02	8	16	2	1	6	6	14.3	19.9	74	•	159
PORT SA'ÎD	02	7	05	1	2	7	4	15	18	38	•	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	02	6	04	2	2	8	5	14.2	18.1	54	•	136
MANSÛRA											•	137
TANTA	02	8	32	1	1	5	7	14.6	18.5	70	•	138
ZAGAZIG	02	6	32	2	2	5	8	14.0	18.8	66	•	139
SHEBÎN EL KÔM	01	8	04	2	1	4	9	15.0	18.3	66	•	—
MIDDLE EGYPT												
CAIRO ALMÂZA	03	7	29	2	2	8	4	14.2	19.3	41	•	141
CAIRO EZBEKÎYA	03	7	20	2	2	8	4	14.6	18.5	60	•	—
CAIRO GÎZA	03	7	20	2	2	8	4	15.1	17.6	62	•	—
HELWÂN	05	5	28	1	2	7	4	15.1	17.0	57	•	143
SUEZ												144
UPPER EGYPT												
FAIYÛM	02	8	30	1	2	7	6	14.6	17.5	61	•	153
MINYA	02	8	18	2	1	5	4.1	14	23	38	•	154
ASYÛT	00	8	12	1	0	•	—	14.0	23.1	41	•	155
NAG' HAMÂDI	00	8	24	1	•	•	—	13.4	23.4	46	•	164
QENA	00	9	02	1	•	•	—	12.6	23.6	29	•	156
LUXOR	00	9	30	2	•	•	—	11.8	24.7	41	•	157
ASWÂN	00	9	32	1	•	•	—	11.2	29.0	24	•	158
WESTERN DESERT												
SÎWA	03	7	12	2	2	8	9	14.6	16.3	84	•	148
BAHARÎYA	03	7	32	1	2	6	5	14.2	19.0	56	•	149
KHÂRGA	00	9	00	0	•	•	—	12.9	26.2	29	•	151
DAKHLA	00	9	00	0	•	•	—	—	24.0	46	•	152
RED SEA												
TÔR	00	9	28	1	•	•	—	14.7	23.2	62	•	145
HURGHÂDA	00	9	00	0	•	2	1	14	22	65	•	146
QUSEIR	00	8	32	2	•	•	—	14.8	22.7	66	•	147
PORT SÛDÂN	01	8	04	3	•	3	8	13	28	70	•	208
NORTH SÛDÂN												
WÂDI HALFA	00	8	32	1	•	•	—	10	29	19	•	165
KAREIMA	00	8	08	2	•	•	—	7	36	20	•	166
'ATBARA	05	6	08	3	3	•	—	5	36	13	•	167
KHARTÛM	00	8	08	2	•	•	—	5	35	14	•	209
KASSALA	00	8	04	2	•	•	—	3	37	11	•	170
CENTRAL SÛDÂN												
WAD MEDANI	00	8	08	2	•	•	—	3	37	20	•	171
RENK												182
ROSEIRES	00	8	28	3	•	•	—	2	34	60	•	172
EL OBEID	00	8	04	3	•	•	—	3	35	37	•	174
EL FÂSHER	00	7	04	3	•	•	—	—	33	19	•	175
GENEINA	00	8	04	3	•	•	—	—	34	12	•	179
KADUGLI											•	187
S. SÛDÂN												
MALAKÂL	00	8	06	3	1	3	8.1	2	37	24	•	176
WÂU											•	177
JUBA	02	8	06	2	1	6	8	3	37	27	•	173

At 20 h. 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 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	00	9	00	0	•	•	—	14.4	12.9	67	•
MARIUT	03	7	00	0	2	8	2	15	14	88	•
ALEXANDRIA	02	6	12	2	2	5	5	15.1	15.6	80	•
DAMIETTA	03	6	08	1	2	7	5	14.2	15.0	95	•
PORT SA'ÎD	01	7	23	1	2	5	4.1	15	16	88	•
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	02	6	08	3	2	7	5	15.2	15.2	76	•
MANSÛRA	01	6	04	1	2	4	6	14.6	15.4	85	•
TANTA	01	8	00	0	1	4	8	15.2	14.7	94	•
ZAGAZIG	00	6	32	2	•	•	—	14.8	15.6	91	•
SHEBÎN EL KÔM	02	7	04	2	2	5	9	—	15.4	84	•
MIDDLE EGYPT											
CAIRO ALMAZA	05	6	13	1	2	5	4	14.7	16.1	66	•
CAIRO EZBEKÎYA	02	6	00	0	1	5	4	14.8	15.8	64	•
CAIRO GÎZA	02	6	00	0	1	5	4	14.4	15.1	69	•
HELWÂN	03	7	00	0	2	7	4	15.2	16.4	43	•
SUEZ											
UPPER EGYPT											
FAIYÛM	09	6	00	0	2	7	5	15.2	14.2	77	•
MINYA	02	7	15	1	2	8	2	14	14	67	•
ASYÛT	00	6	20	1	0	•	—	15.4	13.8	80	•
NAG' HAMÂDI	00	8	00	0	•	•	—	13.5	14.7	88	•
QENA	00	6	24	2	•	•	—	14.8	16.4	60	•
LUXOR	00	8	30	2	•	•	—	—	16.0	53	•
ASWÂN	00	9	00	0	•	•	—	13.9	25.0	28	•
WESTERN DESERT											
SÎWA	03	5	00	0	2	6	5	14.3	10.4	75	•
BAHARÎYA	02	7	32	1	2	5	5	14.6	15.0	61	•
KHÂRGA	01	8	00	0	•	•	—	14.5	18.0	34	•
DAKHLA	00	8	00	0	•	•	—	14.6	15.7	62	•
RED SEA											
TÔR	00	9	28	1	•	•	—	15.9	18.2	45	•
HURGHÂDA	00	8	16	1	•	•	—	15	17	83	•
QUSEIR	00	8	32	2	•	•	—	15.3	20.9	81	•
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 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	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	13 h. 15 m.	h. m.	13 h. m.	h. m.	13 h. 15 m.
								06 10 15	06 10 20		06 03 15		06 09 20
								09 11 30	09 10 20		09 03 20		09 09 40
								15 10 35	15 09 25		15 12 30		15 09 50
								21 11 20	21 11 20		21 14 30		21 10 40
								24 12 25	24 11 15		24 14 20		24 4 35
								30 10 40	30 11 15		30 12 30		30 10 35
								33 11 50	33 12 15		33 11 15		33 10 35
								39 09 30			39 10 45		39 09 20
								45 11 20					

Remarks

Hours are Egyptian standard time, long. 30° E. and are two hours fast on Greenwich mean time

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	22.12	1329	1504
	21.12	1504	1504

STATION	Mean of day: Humidity % on 21st	Humidity Diff from normal	Wet Bulb Temp °C on 21st	Wet Bulb Temp Diff from normal
Alexandria	68	+3	13.8	+1.0
Ezbekîya	70	+1	12.1	+0.8
Gîza	74	0	11.9	+1.0
Helwân	51	-6	11.1	+0.7

GÎZA — GRASS MINIMUM TEMP ON 22nd 9.4 °C

CAIRO — WATER TEMP AT 9 h. RIVER NILE ON °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	22.12.1947				
Nâsser				10.34	+1.64
Malakâl		12.49	+0.51	12.49	+0.51
J. Aulia Res.					
J. Aulia D.S.					
Roseires		13.33	+0.63	13.37	+0.64
Sennar Res.				10.46	-0.05
Khartûm					
Kh. el Girba		11.02	+0.05	11.02	+0.04
'Atbara				134.26	-0.24
Kajnarti		126.32		126.28	
Aswân Res.		85.95	-0.24	86.13	-0.06
Aswân D.S.		16.54	+1.05	16.54	+0.96
Roda (Cairo)				20.32	

Printed by the Survey of Egypt, 1945 (45/306)

At 8 h. on MONDAY 22nd الساعة ٨ يوم الاثنين ٢٢

STATION	Present Weather WW	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Car Pressure Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM											—		—					
MATRÛH	00	9	22	3	0	0	—	15.1	-3.4	10.8	22	+3	8	-2	65	•		62
MARIUT	01	7	00	0	4	5	4	15		12	21	—	11	—	94	•	26	58
ALEXANDRIA	02	9	12	2	2	6	8	15.1	-3.6	13.7	22	+2	13	+1	97	•	67	77
DAMIETTA	02	6	16	1	2	6	6	14.8	-3.3	13.4	20	—	11	—	96	•	11	24
PORT SA'ÎD	02	7	19	1	2	7	4	16		15	19		14		88	•	19	26
EL 'ARÎSH																	dr	22
LOWER EGYPT																		
DAMANHÛR	03	5	20	2	2	8	9	14.8	-3.9	13.0	18	-3	12	+3	82	•	15	30
MANSÛRA	02	7	04	1	2	5	6	15.5	-3.2	12.8	21	0	12	+3	91	•	14	14
TANTA	03	5	00	0	2	3	7	16.0	-3.1	12.3	19	-2	8	0	97	•	4	12
ZAGAZIG	02	6	14	2	3	5	8	16.0	-3.2	13.4	20	-1	9	+1	82	•	7	9
SHEBÎN EL KÔM	02	7	16	1	2	5	9	15.6	-3.6	13.7	19	—	11	—	72	•	2	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	13	2	2	6	4	15.1		14.0	20	—	12	—	58	•	1	—
CAIRO EZBEKÎYA	05	6	00	0	2	8	4	15.6	-3.7	14.8	19	-1	13	+4	60	•	14	7
CAIRO GÎZA	05	6	00	0	2	8	4	15.9	-3.5	13.1	18	-2	11	+4	77	•	19	8
HELWÂN	03	7	01	0	2	8	4	16.0	-3.5	15.5	19	-1	15	+6	45	•	9	7
SUEZ																	5	8
UPPER EGYPT																		
FAIYÛM	08	4	00	0	2	8	5	16.3	-3.1	12.6	18	-4	11	+3	78	•	4	2
MINYA	01	7	17	1	0	4	4.1	16		10	24		10		76	•	dr	—
ASYÛT	00	7	22	1	0	0	—	16.3	-3.7	12.5	25	+4	9	+2	71	•	•	3
NAG' HAMÂDI	00	8	00	0	0	0	—	15.2	-4.1	11.2	25	—	11	—	85	•	•	—
QENA	01	7	08	2	0	3	1	15.5	-3.3	13.6	25	+1	8	0	44	•	5	—
LUXOR	01	9	04	1	1	4	1	15.5	-3.5	12.5	27	+2	8	+1	69	•	•	—
ASWÂN	02	9	00	0	1	4	1	15.6	-3.3	18.3	31	+6	14	+3	51	•	•	—
WESTERN DESERT																		
SÎWA	02	7	20	2	1	4	4	17.4	-3.1	6.6	17	-4	5	0	80	•	dr	3
BAHARÎYA	02	8	00	0	2	5	4	16.8	-4.0	13.0	21	0	9	+3	55	•	dr	3
KHÂRGA	00	9	00	0	•	•	—	16.4	-2.8	14.8	27	+4	9	+1	46	•	•	—
DAKHLA	00	8	00	0	•	•	—	16.6	-3.7	16.0	25	+2	7	+1	72	•	•	—
RED SEA																		
TÔR	00	9	00	0	•	•	—	15.0	-2.8	20.2	24	+2	13	+3	53	•	0	6
HURGHÂDA	00	9	00	0	•	3	4	15		17	24		12		72	•	•	3
QUSEIR	02	8	18	2	1	5	2	15.6	-0.9	19.0	23	-1	17	+2	78	•	•	4
PORT SÛDÂN	00	8	24	1	•	3	8	16		26			21		84	•	226	76
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	0	0	2	1	14		17			11		46	•	•	—
KAREIMA	00	8	08	3	0	•	—	13		22					53	•	•	1
'ATBARA	00	7	00	0	0	•	—	13		21			17		57	•	dr	2
KHARTÛM	00	8	06	3	0	•	—	10		23			14		47	0	dr	4
KASSALA	00	8	10	4	0	•	—	9		28			24		35	0	dr	2
CENTRAL SÛDÂN																		
WAD MEDANI																•	7	12
RENK											—		—			—	—	49
ROSEIRES																•	33	36
EL OBEID																•	1	16
EL FÂSHER	01	8	32	2	1	3	2	—	—	17			17		42	•	0	6
GENEINA	01	8	02	2	0	4	2	—	—	16		—	14	—	45	—	—	4
KADUGLI												—		—		•	0	25
S. SÛDÂN																		
MALAKÂL																•	53	88
WÂU																•	48	143
JUBA																•	49	139

UPPER WINDS ON 22nd الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h. 50 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. 30 m.	h. m.	h. m.
			02 17 05	—	02 29 05	—	02 02 05	03 30 60	03 22 20	03 17 15
			05 20 20	—	05 21 15	—	05 13 10	06 31 40	06 29 15	06 15 20
			08 26 25	—	10 22 15	—	10 15 15	09 31 40	09 21 30	09 18 15
			10 24 30	—	15 20 35	—	15 16 30	12 30 40	12 27 35	12 20 05
			15 23 30	—		—	20 14 25	15 28 40	15 26 35	15 23 15
			20 24 45	—		—	25 21 20	18 29 50	18 25 40	18 02 30
			23 24 50	—		—	30 21 30	21 26 70	21 25 45	
			26 23 80	—		—		24 23 90	24 23 60	
			30 2- -	—		—		27 24 85	27 23 90	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

CYPRUS SYNOPTIC 8h ON 22nd

UPPER AIR TEMP AT 14 G.M.T. ON 21st ALMÂZA			
HEIGHT FEET	PPP m.b	TT °F	TT °F
Surface	1004	65	53
500	986	65	56
1000	968	63	53
1500	951	63	52
2000	934	63	49
4000	867	62	48
6000	804	57	48
8000	746	52	44
10000	690	46	37
12000	639	31	29
14000			
16000			

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 6 h. 47 m.
Sunset 17 h. 00 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on MONDAY 22nd (الساعة ١٤ يوم الاثنين ٢٢) and At 20h. on 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 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	2	1	4	1	14.3	17.6	48	0	00	9	22	3	0	0	-	15.8	13.0	52	0	131
Mariut	02	7	21	3	2	7	4	14	18	68	0	02	7	15	1	2	7	8,4	16	14	67	0	150
Alexandria	02	9	20	3	2	6	5	14.4	17.0	67	0	03	6	26	4	2	7	5	15.9	17.8	46	0	132
Damietta	02	8	20	2	2	6	6	14.4	19.9	65	0	03	7	20	2	2	7	6	15.0	15.0	87	0	159
Port Sa'îd	02	7	21	3	2	7	4,3	14	20	49	0	02	7	24	3	2	7	4	15	17	72	0	134
El 'Arîsh																							135
Lower Egypt																							
Damanhûr	02	7	28	3	2	7	5	14.7	17.8	63	0	02	6	28	3	2	6	5	15.8	13.4	74	0	136
Mansûra	02	8	24	1	2	5	6	14.6	20.0	55	0	02	6	04	2	2	5	6	15.9	15.6	73	0	137
Tanta	02	6	20	1	2	8	4	15.2	19.4	64	0	01	8	00	0	2	4	8	16.6	14.0	84	0	138
Zagazig	13	6	20	2	2	8	7	14.3	17.4	72	0	01	6	32	2	1	4	8	16.7	15.4	89	0	139
Shebîn el Kôm	02	8	18	2	2	5	5	14.7	18.4	61	0	02	7	20	1	2	5	5	16.8	14.9	70	0	—
Middle Egypt																							
Cairo: Almâza	02	7	29	2	2	7	4	14.1	21.8	30	0	02	7	00	0	2	6	4	16.3	16.5	51	0	141
Cairo: Ezbekîya	02	8	30	2	1	5	4	14.6	22.1	39	0	01	7	00	0	1	4	2	16.4	16.0	57	0	—
Cairo: Gîza	02	8	30	2	1	5	4	15.0	22.0	40	0	01	7	00	0	1	4	2	16.7	15.6	61	0	—
Helwân	02	7	12	1	2	6	1	14.6	21.4	36	0	03	6	32	2	2	7	4	16.2	17.0	45	0	143
Suez											0												144
Upper Egypt																							
Faiyûm	02	8	00	0	2	7	5	14.4	22.0	43	0	02	8	00	0	2	7	5	16.3	14.2	79	0	153
Minya	00	8	31	1	1	3	1	14	25	24	0	00	7	00	0	0	3	1	15	14	55	0	154
Asyût	00	8	22	1	0	0	-	14.8	25.1	35	0	00	6	22	1	0	0	-	15.6	15.6	53	0	155
Nag' Hamâdi	00	8	32	1	0	0	-	13.0	25.9	44	0	00	8	00	0	0	0	-	14.6	17.4	73	0	164
Qena	00	9	18	1	1	0	-	12.4	25.3	40	0	00	6	24	1	0	0	-	12.5	18.0	60	0	156
Luxor	00	9	22	2	0	0	-	12.6	28.5	43	0	00	8	26	2	0	0	-	13.4	19.8	54	0	157
Aswân	00	9	00	0	0	0	-	11.4	31.7	30	0	00	9	00	0	0	0	-	14.4	27.0	37	0	158
Western Desert																							
Sîwa	03	8	20	3	2	8	5	15.7	16.8	61	0	03	6	20	2	2	8	5	19.5	10.5	71	0	148
Baharîya	01	8	24	2	1	4	2	15.1	22.0	29	0	01	7	24	1	1	4	2	17.2	14.9	77	0	149
Khârga	00	9	00	0	0	0	-	12.3	29.8	16?	0	01	8	02	2	1	3	1	15.6	22.9	--	0	151
Dakhla	00	9	28	2	0	0	-	13.1	26.1	48	0	00	8	28	1	0	0	-	15.4	14.8	63	0	152
Red Sea																							
Tôr	00	9	28	1	0	0	-	14.0	25.5	67	0	00	9	28	1	0	0	-	14.2	21.2	67	0	145
Hurghâda	00	9	02	2	0	3	8,4	14	25	74	0	01	9	00	0	0	4	8	15	22	88	0	146
Quseir	00	8	12	3	0	2	1	13.9	24.7	83	0	03	8	14	3	2	8	6	14.7	24.8	92	0	147
Port Sûdân	00	8	10	3	0	3	8	13	28	46	0												208
North Sûdân																							
Wâdi Halfa																							165
Kareima	00	8	06	3	0	0	-	8	34	20	0												166
'Atbara	18	5	08	4	0	0	-	6	37	10	0												167
Khartûm	00	8	06	1	0	0	-	5	37	13	0												209
Kassala	00	8	03	3	0	0	-	4	38	11	0												170
Central Sûdân																							
Wad Medani	00	8	32	2	0	0	-	4	38	8	0												171
Renk	00	9	04	2	0	0	-	5	36	27	0												182
Roseires	00	8	22	1	0	0	-	6	38	15	0												172
El Obeid	01	8	04	3	0	4	2	4	35	37	0												174
El Fâsher	01	8	06	1	1	3	-	—	35	12	0								—				175
Geneina	01	8	04	1	1	3	-	—	34	12	0								—				179
Kadugli	01	8	04	1	1	3	1	6	36	22	0												187
S. Sûdân																							
Malakâl	00	8	12	2	0	0	-	5	37	20	0												176
Wâu	03	8	10	3	0	8	8,1	3	38	17	0												177
Juba	08	8	32	3	1	8	2	4	37	13	0												1/3

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.	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												—		—				
Matrûh	18	9	24	4	3	0	-	16.6	-1.9	8.7	19	0	8	-2	50	0		63
Mariut	00	9	20	3	2	3	1	16		14	18	—	13	—	62	0	26	60
Alexandria	01	9	24	7	2	4	8	16.3	-2.4	14.6	18	-2	13	+1	50	0	67	81
Damietta	03	7	20	2	2	7	6	15.5	-2.6	12.2	20	—	10	—	76	0	11	35
Port Sa'îd	02	7	23	3	2	7	4	16		14	20		14		72	0	10	26
El 'Arîsh																	dr	29
Lower Egypt																		
Damanhûr	03	6	28	4	2	8	5	16.8	-1.9	13.0	18	-3	11	+2	76	0	15	31
Mansûra	02	7	20	1	2	5	6	16.8	-1.9	11.8	22	+1	11	+2	69	0	14	14
Tanta	03	6	20	1	2	8	7	17.1	-2.0	11.0	20	-1	9	+1	68	0	4	12
Zagazig	02	6	20	2	2	5	7	17.4	-1.8	10.8	20	-1	10	+2	75	0	7	9
Shebîn el Kôm	02	7	22	2	2	6	5	17.8	-4.4	11.4	19	—	11	—	55	0	2	—
Middle Egypt																		
Cairo: Almaza	02	7	22	3	1	5	4	18.0	-1.4	13.0	22	—	12	—	40	0	1	—
Cairo: Ezbekîya	03	6	28	1	2	8	4	18.6	-0.8	12.7	22	+2	12	+3	49	0	14	7
Cairo: Gîza	03	6	28	1	2	8	4	18.7	-0.7	12.7	23	+3	10	+3	45	0	19	8
Helwân	02	7	00	0	2	7	2	19.4	-0.2	11.6	22	+2	11	+2	67	0	9	7
Suez																	5	8
Upper Egypt																		
Faiyûm	02	8	00	0	2	6	4	19.4	0.0	13.0	24	+2	9	+1	50	0	4	2
Minya	03	7	32	1	1	8	2	20		9			6		71	0	dr	—
Asyût	00	7	22	2	0	0	-	20.0	0.0	11.1	26	+5	8	+1	59	0	0	3
Nag' Hamâdi	00	8	32	1	0	0	-	18.3	-1.1	13.3	27	—	13	—	67	0	0	—
Qena	01	7	24	2	0	3	1	16.8	-2.0	14.9	27	+3	11	+3	61	0	5	—
Luxor	01	9	10	1	1	3	3	16.3	-2.3	14.2	29	+4	9	+2	60	0	0	—
Aswân	00	9	02	1	0	0	-	15.5	-3.4	19.5	34	+9	13	+2	43	0	0	—
Western Desert																		
Sîwa	00	7	20	2	0	0	-	21.1	+0.5		18	-3	3	-2	66	0	dr	4
Baharîya	02	7	24	2	1	5	2	20.3	+0.1	11.3	23	+2	9	+4	60	0	dr	3
Khârga	03	8	32	1	2	5	1	19.8	+0.6	16.0	31	+8	13	+6	25	0	0	—
Dâkhla	01	8	28	1	1	3	5	20.4	0.0	12.4	27	+5	8	+2	64	0	0	—
Red Sea																		
Tôr	03	6	04	1	2	8	1	15.9	-2.0	20.3	27	+5	18	+2	77	0	0	6
Hurghâda	01	8	30	4	0	5	4	15		21	26		19		78	0	dr	3
Quseir	03	8	16	2	1	8	6	15.0	-2.5	24.0	25	+1	18	+3	83	0	0	4
Port Sûdân	00	8	21	1	0	3	8,4	11		26			32		79	0	236	77
North Sûdân																		
Wâdi Halfa	00	8	30	1	0	0	-	15		16			13		53	0	0	—
Kareima	01	8	02	2	0	4	2	13		22			19		38	0	0	1
'Atbara	00	7	02	2	0	0	-	10		21			23		24	0	dr	2
Khartûm	00	8	04	2	0	0	-	12		22			21		53	0	dr	4
Kassala																0	dr	8
Central Sûdân																		
Wad Medani																0	7	12
Renk												—		—		—	—	49
Roseires																0	33	36
El Obeid	01	7	30	1	0	3	2	11		23			17		41	0	1	16
El Fâsher	00	8	32	1	0	1	2	—	—	18			16		32	0	0	6
Geneina	01	8	04	1	1	4	2	—	—	18		—	13	—	37	0	0	4
Kadugli												—		—		—	0	29
S. Sûdân																		
Malakâl	00	8	04	1	0	0	-	11		24			19		54	0	53	88
Wâu	00	8	00	0	0	1	1	12		19			18		56	0	48	143
Juba	17	7	14	2	1	2	2	11		24			17		45	0	49	137

UPPER WINDS ON 22nd (الرياح العليا يوم ٢٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa h. m.	Kareima 12 h. 45 m.	Khartûm 12 h. 15 m.	Kassala 12 h. 30 m.	El Obeid 13 h. 15 m.	Malakal 14 h. m.	Juba 13 h. m.
								03 17 15	06 08 15	06 09 30	06 05 26	06 12 15	06 09 30
								06 16 20	09 08 15	09 09 30	09 05 20	09 12 15	09 07 25
								09 16 25	15 10 15	15 11 30	15 05 20	15 02 15	15 09 20
								15 17 30	21 10 25	21 11 20	21 05 25	21 03 15	18 09 20
								21 17 20	30 11 15	30 11 30	30 14 10	30 09 05	
								30 15 35	39 13 15	39 11 30	36 14 05	36 08 40	
								39 12 30	42 13 15	45 08 35	39 31 10		
								45 14 20		57 07 25			
								60 05 30		57 05 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.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Helwân 8 h. 35 m.	[illegible] 8 h. m.	Asyût 7 h. m.	[illegible] 8 h. m.	Aswân 7 h. m.	[illegible] 7 h. m.	Abu Hamad 7 h. m.	Kareima 7 h. 15 m.	Khartûm 7 h. m.
			02 31 05	03 36 30	02 32 30	03 27 55	02 36 10	03 32 40	06 06 15	03 06 15	06 07 10
			05 30 30	06 34 35	05 23 55	06 29 60	05 25 20	06 32 50	09 09 30	06 11 15	09 07 20
			08 22 20	09 35 30	10 22 35	09 29 50	10 30 05	09 30 50	15 10 20	09 16 05	21 01 05
			10 25 30	15 25 25		12 29 45	15 24 20	12 22 45	21 11 35	15 07 05	24 35 05
			15 26 40	20 22 30		15 29 40	20 18 30	15 27 40	24 11 30	21 04 20	27 36 10
			20 24 50	27 23 50			25 17 40	18 27 50	30 10 05	24 06 15	30 03 05
			23 24 50	30 22 60				21 26 50	33 10 10	30 10 15	33 03 05
			25 24 25	32 22 60				24 24 55	39 08 40	30 15 15	39 07 10
				39 22 90				27 24 100	45 08 40	45 15 15	45 08 10

Kassala h. m.	Port Sûdân h. m.	El Obeid 7 h. 15 m.	El Fâsher h. m.	Geneina 7 h. m.	Malakal 7 h. m.
		06 03 35		02 05 30	06 00 04
		09 06 35		15 09 40	09 11 20
		15 05 35		21 09 30	15 12 15
		21 07 15		24 10 20	21 08 15
		30 04		30 12 20	30 07 20
		27 05 10		33 13 15	36 08 20
				39 15 20	39 09 25
				45 17 15	39 06 25
				63 09 10	

Upper Air Temp. — Almâza, at 14 G.M.T. on 22nd

Height (feet)	P.P.P (m.b.)	TT (°F)	tt (°F)
Surface	1006	62	57
500	987	63	55
1000	969	64	54
1500	951	62	52
2000	934	60	50
4000	868	57	44
6000	805	55	40
8000	746	50	40
10000	691	44	32
12000	639	36	26
14000	590	26	23
16000	544	18	19

CYPRUS SYNOPTIC 8h ON 23rd

24783 01970 00044 11131 10202 01121

34883 01963 41100 1090 69701 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 22nd	Diff from normal	Wet Bulb Temp °C on 22nd	Diff from normal
Alexandria	67	+2	13.0	+0.3
Ezbekiya	53	-16	12.5	+1.3
Giza	62	-12	12.5	+1.6
Helwân	40	-17	11.6	+1.3

GÎZA — Grass minimum temp. on 23rd 7.4 °C

CAIRO — Water temp. River Nile at 8h. on — °C

Discharges at Aswân measured by sluices m³ per sec.	Date	1947	1946
	23.12	1389	1504
	22.12	1389	1504

Gauge

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23.12.1947			12.57	+0.11
Nâsser				10.31	-01.71
Malakâl		12.49	+0.52	12.41	+0.53
J. Aulia Res.				377.19	
J. Aulia D S				372.19	-0.05
Roseires		12.30	+0.62	12.32	+0.63
Sennar Res.				11.44	-0.05
Khartûm				20.71	
Kh. el Girba					
'Atbara		11.02	+0.04	11.02	+0.05
Kajnarti		134.24	-0.22	134.29	-0.20
Aswân Res.		120.36		120.32	
Aswân D.S		85.94	-0.25	85.95	-0.24
Roda (Cairo)		16.54	+1.14	16.54	+1.05

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 7 h. 48 m.
Sunset 17 h. 4 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on TUESDAY 23RD — الساعة ١٤ يوم ٢٣ / At 20h. on 23RD — الساعة ٢٠ يوم ٢٣ (القاهرة)

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	SALÛM																							130
	MATRÛH	18	4	24	5	3	0	-	15.8	16.6	44	0	00	9	24	3	6	3	8	18.4	13.1	73	2	131
	MARIUT	00	7	22	5	0	2	44	15	17	49	0	25	7	22	4	2	4	8	16	15	57	dr	150
	ALEXANDRIA	02	8	22	7	2	5	8	15.1	16.0	58	0	02	6	20	7	5	5	9	15.9	16.0	69	dr	132
	DAMIETTA	02	8	20	3	2	5	5	15.0	14.4	53	0	01	7	18	4	1	4	6	15.6	14.5	70	0	159
	PORT SA'ÎD	02	7	24	6	2	7	4	15	15	42	0	05	6	21	5	0	0	-	16	13	55	0	134
	EL 'ARÎSH																							135
LOWER EGYPT	DAMANHÛR	02	5	28	5	2	5	5	15.8	16.8	53	0	30	3	24	6	3	9		16.7	12.8	60	0	136
	MANSÛRA	02	8	20	3	2	5	8	16.0	15.5	45	0	02	6	02	2	2	5	6	17.1	11.2	66	0	137
	ṬANṬA	01	8	20	2	2	5	8	17.0	15.3	40	0	01	8	20	1	1	4	8	17.9	13.0	65	0	138
	ZAGAZIG	02	6	32	2	2	5	8	17.4	14.2	63	0												139
	SHEBÎN EL KÔM	02	8	28	4	2	5	9	16.8	15.2	35	0	00	7	28	8	1	0	-	18.0	12.1	54	0	—
MIDDLE EGYPT	CAIRO ALMÂZA	02	7	23	5	2	7	4	16.4	16.2	25	0	00	7	21	5	2	2	4	19.2	13.0	43	0	141
	CAIRO EZBEKÎYA	03	7	28	4	2	8	4	17.4	15.6	30	0	01	6	22	3	1	3	4	19.4	12.6	53	0	—
	CAIRO GÎZA	03	7	28	4	2	8	4	17.4	15.7	34	0	01	6	22	3	1	3	4	19.2	11.8	59	0	—
	ḤELWÂN	03	7	24	4	2	8	4	17.8	16.0	23	0	00	6	22	3	0	1	4	20.2	12.3	44	0	143
	SUEZ	13	9	06	1	2	8	5		18.0	44	0	01	9	24	1	1	5	5		15.0	30	0	144
UPPER EGYPT	FAIYÛM	02	2	30	2	2	6	4	18.0	17.0	24	0	02	8	30	1	2	6	4	20.4	12.8	47	0	153
	MINYA	01	8	29	4	2	4	1	18	18	19	0	01	7	27	2	1	5	1	21	18	38	0	154
	ASYÛT	00	8	26	2	0	0	-	18.6	18.1	32	0	00	6	16	1	0	0	-	21.6	12.3	40	0	155
	NAG' ḤAMÂDI	00	8	18	2	0	0	-	16.7	19.6	45	0	00	8	24	1	0	0	-	20.6	13.0	47	0	164
	QENA	01	9	24	4	1	4	2	14.4	21.2	39	0	01	6	24	3	1	3	1	19.2	15.0	34	0	156
	LUXOR	01	9	26	2	1	4	8	14.3	25.0	38	0	01	8	02	3	1	4	1	18.8	16.5	38	0	157
	ASWÂN	02	9	32	4	1	5	1	[illegible]	28.3	24	0												158
WESTERN DESERT	SÎWA	00	6	20	6	0	0	-	21.5	16.2	71	0	00	6	20	2	0	0	-	22.2	10.4	88	0	148
	BAHARÎYA	02	7	24	2	2	6	2	19.5	15.5	27	0	00	7	24	2	1	0	-	21.6	11.8	45	0	149
	KHÂRGA	02	9	32	2	2	6	2	—	20.4	17	0	00	9	30	2	0	0	-	19.6	15.1	20	0	151
	DAKHLA	01	9	28	3	1	4	5	18.0	21.0	42	0	00	8	28	1	0	0	-	19.8	14.1	66	0	152
RED SEA	ṬÔR	00	8	28	3	0	2	1	14.4	24.2	44	0	02	7	28	5	2	5	1	16.0	20.2	55	0	145
	HURGHÂDA	02	9	02	4	1	5	2	13	23	65	0	01	8	30	5	1	5	2	16	20	43	0	146
	QUṢEIR	02	8	08	2	1	6	2	13.4	26.4	81	0	00	8	30	2	0	0	-	15.5	22.0	58	0	147
	PORT SÛDÂN	00	8	10	3	0	2	8	13	28	70	0												208
NORTH SÛDÂN	WÂDI ḤALFA																							165
	KAREIMA	01	8	08	1	0	3	2																166
	'AṬBARA	00	8	16	1	0	0	-	8	36	17	0												167
	KHARTÛM	01	8	02	1	0	4	1	7	37	13	0												209
	KASSALA	00	8	32	1	0	0	-	8	38	15	0												170
CENTRAL SÛDÂN	WAD MEDANI																							171
	RENK																							182
	ROSEIRES																							172
	EL OBEID																							174
	EL FÂSHER	01	8	04	2	1	4	1	7	36	11	0								—				175
	GENEINA	01	8	04	2	1	4	1	8	36	10	0								—				179
	KADUGLI	01	8	04	2	1	3	1	6	38	11	0												187
S. SÛDÂN	MALAKÂL																							176
	WÂU																							177
	JUBA																							[illegible]

At 8h. on WEDNESDAY 24th — الساعة ٨ يوم (الاربعاء) 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	SALÛM												—		—				
	MATRÛH	01	9	24	3	1	4	9	20.7	+2.2	12.9	17	-2	9	+1	81	2		64
	MARIUT	02	7	25	4	1	7	8	19		17	17	—		—	68	dr	26	61
	ALEXANDRIA	02	8	24	5	5	5	9	19.2	+0.4	17.0	18	-2	10	-2	72	dr	67	82
	DAMIETTA	02	7	23	3	2	0	6	19.2	+1.1	11.7	16	—	8	—	96	dr	11	35
	PORT SA'ÎD	02	7	23	4	1	6	8	19		12	15		11		88	0	10	27
	EL 'ARÎSH																	dr	29
LOWER EGYPT	DAMANHÛR	03	5	24	4	[illegible]	7	5	19.[illegible]	+0.5	13.5	17	-4	10	+1	72	0	15	32
	MANṢÛRA	01	8	20	1	5	4	6	19.1	+0.4	11.8	16	-5	9	0	85	i	16	14
	ṬANṬA	01	8	20	1	1	4	8	19.5	+0.4	11.4					79	0	4	12
	ZAGAZIG	01	6	20	2	1	4	8	19.8	+0.6	9.9	16	-5	7	-1	83	0	7	9
	SHEBÎN EL KÔM	01	8	28	2	1	4	8	19.9	+0.7	11.7	15	—	8	—	70	0	2	—
MIDDLE EGYPT	CAIRO ALMAZA	00	7	16	4	1	1	4	20.9		10.3	16	—	9	—	60	0	1	—
	CAIRO EZBEKÎYA	02	6	18	3	1	5	4	21.6	+2.2	9.6	16	-4	9	0	62	0	14	7
	CAIRO GÎZA	02	6	18	3	1	5	4	22.2	+2.8	11.2	16	-4	8	+1	63	0	19	8
	ḤELWÂN	01	6	14	1	1	4	2	22.3	+2.7	8.9	16	-3	8	-1	62	0	9	7
	SUEZ	01	9	22	1	1	5	5	—	—	13.4	19	-2	9	-1	71	0	5	8
UPPER EGYPT	FAIYÛM	00	8	18	1	0	0	-	22.7	+3.3	9.0	18	-4	6	-1	68	0	4	2
	MINYA	00	7	19	1	0	0	-	23		8	19		4		66	0	dr	—
	ASYÛṬ	00	7	22	1	0	0	-	23.8	+3.7	9.1	19	-2	—	—	53	0	0	3
	NAG' ḤAMÂDI	00	8	00	0	0	0	-	23.8	+3.8	9.5	20	—	9	—	68	0	0	—
	QENA	00	7	20	3	1	0	-	22.3	+3.5	10.2	22	-2	8	0	60	0	5	—
	LUXOR	00	9	30	2	0	0	-	22.2	+3.1	11.8	26	[illegible]	8	[illegible]	56	0	0	—
	ASWÂN	00	9	32	4	0	0	-	22.3	+3.4	11.7	29	+4	11	0	46	0	0	—
WESTERN DESERT	SÎWA	00	7	20	2	0	0	-	24.7	+4.1	7.2	17	-4	5	0	98	0	dr	4
	BAHAR[illegible]	00	7	24	2	0	0	-	23.8	+3.6	8.0	17	-3	6	+1	72	0	dr	4
	KHÂRGA	00	9	00	0	0	0	-	25.0	+5.8	10.3	23	0	6	-1	67	0	0	—
	DÂKHLA	00	8	28	1	0	0	-	25.8	+4.8	9.0	21	-1	4	-2	73	0	0	—
RED SEA	ṬÔR	00	8	28	4	0	0	-	19.1	+1.2	15.4	26	+4	13	+3	48	0	0	6
	HURGHÂDA	00	8	28	5	0	0	-	19		15	23		12		48	0	dr	3
	QUSEIR	00	8	28	3	0	0	-	20.6	+3.1	15.7	27	+3	13	-2	34	0	0	4
	PORT SÛDÂN	01	8	28	2	1	4	244	15		28			29		74	0	226	72
NORTH SÛDÂN	WÂDI ḤALFA	00	7	32	4	1	0	0	22		12					26	0	0	—
	KAREIMA	00	7	02	4	0	0	-	19		17			10		20	0	0	1
	'AṬBARA	33	3	30	6	3	9		14		21			14		25	0	dr	2
	KHARTÛM	18	8	30	4	0	0	-	14		21			19			0	dr	4
	KASSALA	00	8	16	2	0	0	-	11		22			14		61	0	dr	8
CENTRAL SÛDÂN	WAD MEDANI	00	8	32	3	0	0	-	13		22					31	0	7	18
	RENK	00	8	26	3	0	0	-	13		23		—		—	41	—	—	49
	ROSEIRES	00	1	16	1	0	0	-	12		17					78	0	33	36
	EL OBEID	05	5	02	4	0	1	1	16		18					58	0	1	16
	EL FÂSHER	05	6	32	3	0	0	-	—	—	18			15		30	0	0	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI	10	8	12	2	1	3	1	13		26		—		—	28	—	—	89
S. SÛDÂN	MALAKÂL	08	8	16	1	1	8	8	12		23			17		47	0	53	88
	WÂU																0	48	143
	JUBA																0	49	140

UPPER WINDS ON 23RD — الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	18 h. m.	13 h. m.	18 h. 30 m.	13 h. 30 m.	13 h. 15 m.	13 h. m.	18 h. m.
							03 25 25	03 26 05	06 01 05	06 22 05	06 05 15	06 19 05	06 09 15
							06 26 25	06 32 05	09 01 05	09 09 35	09 02 20	09 15 10	09 07 15
							09 26 20	09 33 15	15 36 10		15 02 20	15 12 10	15 07 20
							15 23 20	15 02 15	21 32 15		21 01 20	21 12 15	21 06 30
							21 21 25	21 25 05	30 32 15		26 21 05	30 11 40	
							30 23 15	30 24 05	36 01 05		30 19 10	32 10 40	
							39 21 35	39 17 15			42 19 15		
							45 21 35	42 16 20					
							60 22 50						

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	HELWÂN	[illegible]	[illegible]	[illegible]	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h. 45 m.	8 h. m.	7 h. m.	7 h. 45 m.	7 h. m.	6 h. 30 m.	7 h. m.	7 h. 15 m.	6 h. 30 m.
			03 12 20	03 35 15	03 30 30	03 29 55	03 34 15	03 01 65	06 25 45	03 36 30	06 35 40
			06 16 25	06 36 35	06 31 40	06 30 55	05 34 35	06 02 65	09 36 50	06 02 75	09 01 55
			09 29 30	09 36 45	09 32 40	09 31 45	10 01 50	09 02 55		09 03 05	15 03
			12 29 40	12 36 50	12 32 35	12 33 40	15 31 15	15 30 35		15 25 30	27 03 40
			15 30 40	15 36 40	15 34 35	15 32 40	20 22 40				
			20 32 40	18 36 35	18 32 40	18 33 30					
			23 32 40		21 32 40	21 32 30					
			25 29 40		24 31 50						
			28 30 75		27 30 55						

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. m.
	03 25 10		03 36 30		06 03 10
	06 07 15		15 04 10		09 03 40
	09 11 20				15 03 40
	15 13 30				21 03 40
	21 13 30				
	30 03 05				
	33 03 05				
	36 07 20				

Remarks

Hours are Egyptian standard time, long 30° E. and are two hours fast on Greenwich mean time

Station	Mean of day Humidity % on 23rd	Diff from normal	Wet bulb temp °C on 23rd	Diff from normal
Alexandria	55	-10	11.5	-1.2
Ezbekîya	44	-25	8.4	-2.8
Gîza	45	-29	8.4	-2.4
Helwân	51	-6	8.0	-2.3

GÎZA — GRASS MINIMUM TEMP. ON 24th 5.0 °C

CAIRO — WATER TEMP RIVER NILE AT 8h ON °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
24.12	1273	1504
23.12	1389	1504

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m	Previous day Diff from normal m
Jûba	24.12.1947			13.57	+0.12
Nâsser				10.27	+1.74
Malakâl		12.49	+0.56	12.49	+0.53
J. Aulia Res				377.28	
J. Aulia D.S				372.18	-0.05
Roseires				10.71	
Sennar Res.		12.25	+0.60	12.30	+0.62
Khartûm				11.43	-0.06
Kh. el Girba					
'Atbara		11.02	+0.07	11.02	+0.06
Kajnarti		134.23	-0.22	134.26	-0.22
Aswân Res.		120.36		120.36	
Aswân D.S		85.72	+0.41	85.74	-0.25
Roda (Cairo)		16.54	+1.24	16.54	+1.1[illegible]

CYPRUS SYNOPTIC 8h ON 24th

34880 01968 57482 [illegible] 40807 07022

UPPER AIR TEMP. ALMÂZA — AT 6 GMT ON 23RD

Height feet	PPP mb	TT °F	tt °F
Surface	1008	57	49
500	990	51	46
1000	972	50	44
1500	954	48	42
2000	937	46	41
4000	871	44	43
6000	808	39	31
8000	749	38	28
10000	693	31	26
12000	641	28	24
14000	546	25	23
16000	542	18	17

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

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ANNUAL SUBSCRIPTION P.T. 150

CAIRO
Time of Sunrise h. m. 6 47
Sunset 17 4

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.O.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on WEDNESDAY 24th (الساعة ١٤ يوم ٢٤) / At 20h. on 24th (الساعة ٢٠ يوم الأربعاء ٢٤)

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 8-14 mms	20h ww	V	DD	F	W	N	C	PPP	TTT	UU	Rain 14-20 mms	Station Number
Mediterranean																							
SALÛM																							130
MATRÛH	01	9	28	3	1	4	9	20.6	18.4	59	0	01	9	28	4	1	4	8	22.7	17.5	61	0	131
MARIUT	81	7	28	4	8	7	8	20	17	68	dr	02	7	30	1	2	5	8,4	22	17	77	6	150
ALEXANDRIA	02	8	28	3	5	1	9	19.6	16.6	79	dr	02	6	32	3	2	5	5	22.2	17.0	61	0	132
DAMIETTA	01	8	28	3	1	3	8	18.4	18.4	60	0	01	8	22	2	1	3	8	20.4	14.0	78	0	159
PORT SAÏD	01	7	23	4	2	3	9	19	16	77	0	00	7	32	2	6	3	8,4	21	14	77	0	134
EL ARÎSH																							135
Lower Egypt																							
DAMANHÛR	02	6	32	4	2	7	5	20.2	17.0	73	0	81	5	32	3	5	8	5	21.5	14.2	74	dr	136
MANSÛRA	02	8	24	1	5	5	6	19.5	17.5	80	1	00	6	28	1	1	0	-	21.6	13.0	89	0	137
TANTA	01	8	00	0	1	4	8	19.5	19.3	69	0	01	8	20	1	1	4	8	21.5	13.3	93	0	138
ZAGAZIG	02	6	16	2	2	5	0	19.5	19.1	69	0	00	6	32	2	1	2	8	20.6	14.3	88	0	139
SHEBÎN EL KÔM	01	8	28	3	5	4	9	20.0	17.2	74	dr	01	7	28	2	2	4	8	21.2	14.6	84	0	—
Middle Egypt																							
CAIRO ALMÂZA	02	7	26	3	2	6	8	19.9	18.8	52	0	03	7	00	0	2	8	6	21.7	15.8	72	0	141
CAIRO EZBEKÎYA	02	8	00	0	1	5	6	20.2	19.3	62	0	01	7	00	0	1	4	6	21.9	15.2	79	0	—
CAIRO GÎZA	02	8	00	0	1	5	6	20.4	19.6	52	0	01	7	00	0	1	4	6	22.2	14.7	84	0	—
HELWÂN	05	6	00	0	1	5	6	20.7	17.6	51	0	01	6	00	0	1	5	6	22.2	15.2	70	0	143
SUEZ	12	8	28	1	2	8	5		17.2	64	0	20	9	06	1	6	8	5		15.0	85	[illegible]	144
Upper Egypt																							
FAIYÛM	00	8	30	2	0	1	8	20.2	19.0	44	0	00	8	00	0	0	1	8	20.6	13.6	71	0	153
MINYA	00	8	31	4	0	0	-	20	20	33	0	00	7	00	0	0	0	-	22	12	59	0	154
ASYÛT	00	8	30	1	0	0	-	20.3	17.8	42	0	00	6	28	1	0	0	-	21.9	14.0	57	0	155
NAG HAMÂDI	00	8	24	2	0	0	-	20.0	17.9	49	0	00	8	00	0	0	0	-	20.0	12.6	75	0	164
QENA	00	9	24	2	0	0	-	18.8	20.0	35	0	01	6	24	2	0	4	1	21.0	18.8	68	0	156
LUXOR	00	9	30	3	0	0	-	18.8	20.0	40	0	00	8	26	3	0	0	-	20.6	13.3	57	0	157
ASWÂN	00	9	32	4	0	0	-	18.4	18.7	32	0	00	9	32	4	0	0	-	20.4	15.0	49	0	158
Western Desert																							
SÎWA	00	8	28	3	0	0	-	23.5	19.2	63	0	00	6	00	0	0	0	-	24.6	10.3	76	0	148
BAHARÎYA	00	7	24	2	0	0	-	21.4	17.5	48	0	00	7	24	1	0	0	-	22.6	11.5	70	0	149
KHÂRGA	00	9	32	2	0	0	-	21.5	18.8	30	0	00	9	00	0	0	0	-	23.6	17.0	46	0	151
DAKHLA	00	9	28	2	0	0	-	22.0	17.4	46	0	00	8	28	1	0	0	-	23.4	12.7	73	0	152
Red Sea																							
TÔR	00	9	28	5	0	0	-	18.4	20.5	51	0	00	9	28	4	0	0	-	18.8	19.2	49	0	145
HURGHÂDA	00	8	30	3	0	0	-	18	20	60	0	00	8	28	4	0	0	-	19	18	60	0	146
QUSEIR	00	8	32	4	0	0	-	18.2	21.3	47	0	00	8	32	4	0	0	-	19.0	19.2	50	0	147
PORT SÛDÂN	01	8	06	4	1	3	8,4	13	29	66	0												208
North Sûdân																							
WÂDI HALFA	18	6	02	4	0	0	-	19	19	16	0												165
KAREIMA	00	7	04	4	0	0	-	14	28	10	0												166
'ATBARA	32	3	30	6	3	9		9	31	19	0												167
KHARTÛM	18	6	30	4	0	0	-	10	32	11	0												209
KASSALA	00	8	32	3	0	0	-	6	37	13	0												170
Central Sûdân																							
WAD MEDANI	05	5	32	6	0	0	-	8	34	16	0												171
RENK	00	9	26	3	0	0	-	7	34	32	0												182
ROSEIRES	00	8	18	1	0	0	-	6	38	15	0												172
EL OBEID	08	4	04	4	4	0	-	10	29	12	0												174
EL FÂSHER	05	6	32	3	1	3	2	—	27	19	0							—					175
GENEINA	18	6	02	5	1	3	1	—	28	10	0							—					179
KADUGLI	00	8	04	2	0	0	-	9	32	17	0												187
S. Sûdân																							
MALAKÂL	01	8	02	3	1	5	1	6	36	12	0												176
WÂU	01	8	02	3	0	3	8,1	6	37	22	0												177
JUBA	08	8	02	2	1	8	2	6	37	17	0												173

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 SAÏD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	12 h. 15 m.	12 h. 30 m.	12 h. 30 m.	12 h. m.	13 h. m.	12 h. m.	12 h. 15 m.
							09 34 40	03 01 35	06 36 30	06 36 15	09 01 45	09 05 15	09 09 05
							15 01 40	15 32 30	09 36 20	09 01 10	16 03 55	15 05 30	15 06 10
								21 32 30	15 36 35	15 02 15		21 04 30	21 07 15
								21 32 30	21 03 35	21 02 15		24 03 30	24 08 15
								24 33 35		30 36 25		30 06 25	30 08 10
								30 31 20		39 33 20		33 07 25	33 10 15
												39 10 20	39 11 15
													45 09 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	1947	1946
	25.12	1223	1504
	24.12	1223	1504

STATION	Mean of day Humidity % on 24th	Diff from normal	Wet bulb temp °C on 24th	Diff from normal
Alexandria	62	-3	13.8	+1.2
Ezbekiya	64	-5	11.3	+0.2
Giza	67	-7	11.9	+1.1
Helwân	61	+4	10.3	0.0

GÎZA — GRASS MINIMUM TEMP. ON 25th 4.0 °C

CAIRO — WATER TEMP RIVER NILE AT 8h ON °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m
Jûba	25/12/1947	—	—	13.57	+0.12
Nâsser				10.24	+1.84
Malakâl		12.48	+0.56	12.49	+0.56
J. Aulia Res				377.07	
J. Aulia D.S				372.22	00.00
Roseires				13.25	+0.62
Sennar Res.				20.69	
Khartûm		—	—	11.37	-0.09
Kh. el Girba					
'Atbara		11.01	+0.07	11.02	+0.07
Kajnarti				124.23	-0.22
Aswân Res.		120.46		120.36	
Aswân D.S		85.75	-0.44	85.78	-0.41
Roda (Cairo)		11.51	+1.31	11.54	+1.24

At 8h. on THURSDAY 25th (الساعة ٨ يوم الخميس ٢٥)

Station	ww	V	DD	F	W	N	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	Rain Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct. 1 mms
Mediterranean																		
SALÛM												—		—				
MATRÛH	01	9	00	0	1	4	8	18.0	-0.6	12.2	19	0	10	0	78	0		65
MARIUT	00	7	00	0	0	2	8				20	—	11	—	82		27	62
ALEXANDRIA	01	9	02	2	2	4	8	17.0	-1.8	17.7	20	0	15	+3	57	dr	67	84
DAMIETTA	01	8	20	1	1	3	8	22.8	+4.7	15.0	19	—	8	—	76	0	11	36
PORT SAÏD	01	7	26	2	0	3	8,4	22		14	17		12		82	1	11	27
EL ARÎSH																	dr	30
Lower Egypt																		
DAMANHÛR	00	7	24	2	1	2	8	23.4	+4.7	9.6	21	0	10	+1	84	0	15	32
MANSÛRA	00	8	30	1	0	0	-	23.4	+4.7	11.0	18	-2	9	0	87	0	16	15
TANTA	01	8	20	1	1	3	8	23.4	+4.3	9.8	20	-1	7	-1	95	0	4	12
ZAGAZIG	00	6	32	2	1	2	8	22.0	+3.8	9.2	20	0	7	0	100	dr	7	9
SHEBÎN EL KÔM	09	7	28	1	4	0		23.8	+4.6	9.9	19	—	9	—	89	dr	2	—
Middle Egypt																		
CAIRO ALMAZA	00	7	12	1	0	0	-	23.9	+4.5	11.2	20	—	8	—	83	0	1	—
CAIRO EZBEKÎYA	05	5	00	0	0	0	-	24.3	+4.9	11.5	20	0	10	+1	93	0	14	8
CAIRO GÎZA	05	5	00	0	0	0	-	23.5	+4.0	12.2	20	0	6	-1	97	0	19	9
HELWÂN	09	9	00	0	0	0	-	24.4	+4.8	11.0	19	0	10	+1	85	0	9	7
SUEZ	09	9	02	1	0	0	-			14.4	19	-2	9	-1	95	tr	5	2
Upper Egypt																		
FAIYÛM	00	8	00	0	0	0	-	24.3	+4.9	11.2	20	-2	8	+1	85	0	4	2
MINYA	00	7	31	1	0	2	1	24		10	20		6		71	0	dr	—
ASYÛT	00	7	22	1	0	0	-	24.0	+3.9	10.1	19	-2	7	0	74	0	0	3
NAG HAMÂDI	00	8	32	1	0	0	-	22.8	+3.3	9.0	19	—	9	—	86	0	0	—
QENA	00	7	24	2	0	0	-	22.3	+3.5	12.0	21	-2	8	0	74	0	5	—
LUXOR	00	9	06	2	0	0	-	23.0	+3.9	13.5	21	-3	8	+1	66	0	0	—
ASWÂN	01	9	32	3	1	4	4	21.8	+2.9	12.2	19	-5	10	-1	62	0	0	—
Western Desert																		
SÎWA	00	7	00	0	0	0	-	25.8	+5.2	7.2	20	-1	4	-1	88	0	dr	4
BAHARÎYA	00	7	12	1	0	0	-	24.6	+4.4	8.0	19	-1	5	0	79	0	dr	4
KHÂRGA	00	9	02	1	0	0	-	24.3	+5.1	10.4	19	-4	9	+2	74	0	0	—
DÂKHLA	00	8	28	1	0	0	-	24.8	+3.8	10.0	18	-4	6	0	78	0	0	—
Red Sea																		
TÔR	00	9	04	4	0	0	-	20.3	+2.4	17.5	21	-1	12	+2	51	0	0	6
HURGHÂDA	00	8	28	4	0	2	6	20		16	21		8		68	dr	0	3
QUSEIR	01	8	32	4	1	4	8	19.9	+2.4	17.9	22	-2	15	0	61	0	0	4
PORT SÛDÂN	18	6	30	5	1	5	8,4	15		23			20		78	0	226	78
North Sûdân																		
WÂDI HALFA	00	8	32	2	0	2	2	22		10			8		50	0	0	—
KAREIMA	01	7	04	3	0	3	1	18		13			10		41	0	0	1
'ATBARA	00	8	30	2	0	3	1	15		17			15		22	0	dr	2
KHARTÛM	00	7	30	4	0	0	-	16		16			14		30	0	dr	4
KASSALA	00	8	02	4	0	0	-	11		18			17		83	0	dr	8
Central Sûdân																		
WAD MEDANI																0	7	12
RENK												—		—		—	—	49
ROSEIRES																0	33	36
EL OBEID	05	6	32	2	0	0	-	16		14			12		45	0	1	16
EL FÂSHER	00	7	32	3	0	0	-	—	—	13			12		34	0	0	6
GENEINA	05	7	00	0	1	7	2	—	—	19		—		—	33	—	—	4
KADUGLI																—	—	22
S. Sûdân																		
MALAKÂL	00	7	04	4	0	0	-	11		17			13		72	0	53	88
WÂU	00	7	02	3	0	0	-	11		14			13		55	0	48	143
JUBA	05	7	02	3	0	0	-	11		14			13		55	0	49	140

UPPER WINDS ON 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

MATRÛH	MARIUT	PORT SAÏD	HELWÂN	MINYA	[struck-out station]	[struck-out station]	ASWÂN	WÂDI HALFA	ABU HAMAD	KAREIMA	KHARTÛM
h. m.	h. m.	h. m.	8 h. 30 m.	h. m.	8 h. m.	7 h. m.	7 h. m.	8 h. m.	h. m.	7 h. 30 m.	h. m.
			02 36 05		03 01 35	03 01 15	02 36 20	03 30 05		09 03 30	
		01	05 01 30		06 02 30	06 02 30	05 01 40	06 20 10		15 33 15	
		02	08 02 35		09 02 35	09 02 35	10 02 30	09 35 25		21 31 10	
		02	10 02 35		12 02 30	12 02 35	15 02 10	12 35 30		27 31 20	
		02	15 02 40		15 35 20	15 01 40	20 31 20	15 36 30			
		01	20 01 45		18 32 20	18 01 35	25 31 20	18 36 40			
		01	23 36 30		21 35 20	21 02 35	30 29 20	21 20 35			
			25 01 20		24 36 30	24 03 35		24 06 20			
			30 33 45			27 35 35		27 04 15			

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
6 h. 45 m.	7 h. m.	h. m.	h. m.	h. m.	7 h. m.
09 04 30	09 01 50		09 05 40		09 01 30
15 02 30	15 01 35		15 04 30		15 05 30
21 03 05	21 01 20		21 04 20		21 06 30
	30 01 20		24 03 20		
	37 01 20				

UPPER AIR TEMP ALMAZA AT 14 G.M.T. ON 24th

HEIGHT feet	PPP m.b.	TT [illegible]	tt [illegible]
Surface	1011	65	58
500	993	61	55
1000	975	52	54
1500	957	57	52
2000	940	55	51
4000	873	46	44
6000	810	38	37
8000	751	34	31
10000	696	33	29
12000	643	31	27
14000	594	24	23
16000	548	18	17

CYPRUS SYNOPTIC 8h ON 25th
24232 01232 18214 23504 40810 00071
24355 41322 02845 25 [illegible] 02211 00041

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 6 h. 49 m.
17 OR

MINISTRY OF PUBLIC WORKS
PHYSICAL DEPARTMENT
1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on THURSDAY 25th. — الساعة ١٤ 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 Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	Station Number
MEDITERRANEAN												
SALÛM												130
MATRÛH	01	9	28	2	1	4	8	24.2	18.9	57	0	131
MARIUT												150
ALEXANDRIA	01	9	33	3	2	3	8	25.1	19.4	47	•	132
DAMIETTA	01	8	02	3	2	3	9	23.0	18.0	69	•	159
PORT SA'ÎD	01	7	03	4	1	5	8,4	22.	17	64	•	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	01	7	28	3	1	3	8	23.8	20.2	48	0	136
MANŞÛRA	01	8	32	1	1	4	8	23.5	20.5	45	•	137
TANTA	02	8	20	2	1	4	8	22.2	21.8	38	•	138
ZAGAZIG	02	6	24	2	2	5	8	22.8	20.4	57	•	139
SHEBÎN EL KÔM	01	8	02	3	1	4	8	23.0	21.3	46	•	—
MIDDLE EGYPT												
CAIRO ALMÂZA	01	8	32	2	•	4	8	23	20	46	•	141
CAIRO EZBEKÎYA	00	8	32	3	1	3	8	23.0	20.5	45	•	—
CAIRO GÎZA	00	8	32	3	1	3	8	23.0	20.2	45	•	—
ḤELWÂN	00	8	32	3	•	3	8	22.4	19.2	41	•	143
SUEZ	01	9	02	2	1	4	8		19.2	50	•	144
UPPER EGYPT												
FAIYÛM	01	8	00	0	1	3	8	22.3	20.0	41	•	153
MINYA	00	8	01	4	•	1	8	22	20	46	•	154
ASYÛT	00	8	30	2	•	•	-	21.4	19.3	37	•	155
NAG' ḤAMÂDI	00	8	24	2	•	•	-	19.2	21.9	51	•	164
QENA	00	9	24	2	•	•	-	19.1	20.4	51	•	156
LUXOR	00	9	30	2	•	•	-	18.8	22.5	41	•	157
ASWÂN	01	9	32	2	1	4	1	18.4	20.8	39	•	158
WESTERN DESERT												
SÎWA	00	8	00	•	•	•	-	24.7	21.2	58	•	148
BAHARÎYA	01	8	16	1	•	3	8	22.4	19.4	38	•	149
KHÂRGA	00	9	32	2	•	•	-	22.3	20.0	30	•	151
DAKHLA	00	9	28	1	•	•	-	21.6	19.3	42	•	152
RED SEA												
TÔR	00	9	28	4	•	•	-	18.8	21.9	62	•	145
HURGHÂDA	00	8	32	4	•	•	-	18	20	56	•	146
QUŞEIR	01	8	32	3	1	4	5	19.1	22.2	59	•	147
PORT SÛDÂN	02	7	04	4	8	5	8,4	14	27	66	R	208
NORTH SÛDÂN												
WÂDI ḤALFA												165
KAREIMA	01	8	04	3	1	4	1	14	26	23	•	166
'ATBARA	01	7	32	3	•	4	1	11	28	25	•	167
KHARTÛM	00	7	32	3	•	•	-	10	28	19	•	209
KASSALA	00	8	02	3	•	•	-	7	33	24	•	170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER	00	6	32	3	•	1	1	—	26	16	•	175
GENEINA	18	6	04	4	•	•	-	—	27	20	•	179
KADUGLI												187
S. SÛDÂN												
MALAKÂL	00	8	02	4	•	•	-	7	36	17	•	176
WÂU	01	8	04	1	1	3	1	8	33	14	•	177
JUBA	05	7	30	3	1	4	2	6	35	23	•	173

At 20h. on 25th. — الساعة ٢٠ 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 Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	••	•	5	4	8	25.8	15.7	77	dw
MARIUT											
ALEXANDRIA	••	6	04	4	•	•	-	26.0	16.7	59	•
DAMIETTA	12	6	28	2	6	8	7	25.2	15.0	89	dw
PORT SA'ÎD	01	7	11	2	•	4	9	25	14	77	•
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	01	6	04	3	1	3	8	24.2	14.3	74	•
MANŞÛRA	01	6	04	1	1	4	8	25.6	14.6	72	•
TANTA	01	8	00	•	1	4	8	25.2	13.8	80	•
ZAGAZIG	01	6	24	2	1	4	8	24.3	13.4	87	•
SHEBÎN EL KÔM	••	7	02	1	•	5,2	8	23.6	13.8	73	•
MIDDLE EGYPT											
CAIRO ALMÂZA	••	7	04	1	•	•	-	25.0	14.3	75	•
CAIRO EZBEKÎYA	••	7	20	1	•	•	-	25.2	13.9	79	•
CAIRO GÎZA	••	7	20	1	•	•	-	26.3	13.7	80	•
ḤELWÂN	••	7	02	4	•	•	-	25.0	15.3	56	•
SUEZ	••	9	02	1	•	•	-		14.0	71	•
UPPER EGYPT											
FAIYÛM	••	8	32	2	•	•	-	24.0	15.0	59	•
MINYA	••	7	01	3	•	•	-	22	14	59	•
ASYÛT	••	6	24	1	•	•	-	22.6	12.7	58	•
NAG' ḤAMÂDI	••	8	••	•	•	•	-	20.7	13.7	70	•
QENA	••	6	24	2	•	•	-	20.0	14.8	75	•
LUXOR	••	8	22	2	•	•	-	19.5	16.0	68	•
ASWÂN	••	7	32	1	•	•	-	19.4	17.0	43	•
WESTERN DESERT											
SÎWA	••	6	••	•	•	•	-	24.7	10.5	68	•
BAHARÎYA	••	7	02	1	•	•	-	24.3	14.0	57	•
KHÂRGA	••	9	30	1	•	•	-	23.1	14.7	50	•
DAKHLA	••	8	••	•	•	•	-	23.2	12.7	71	•
RED SEA											
TÔR	••	9	28	1	•	•	-	19.6	19.8	62	•
HURGHÂDA	••	8	26	2	•	•	-	20		77	•
QUŞEIR	01	8	32	3	1	4	5	19.8	19.9	54	•
PORT SÛDÂN											
NORTH SÛDÂN											
WÂDI ḤALFA											
KAREIMA											
'ATBARA											
KHARTÛM											
KASSALA											
CENTRAL SÛDÂN											
WAD MEDANI											
RENK											
ROSEIRES											
EL OBEID											
EL FÂSHER											
GENEINA											
KADUGLI											
S. SÛDÂN											
MALAKÂL											
WÂU											
JUBA											

UPPER WINDS ON 25th. — الرياح العليا يوم ٢٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH	MARIUT	PORT SA'ÎD	ALMÂZA	MINYA	LUXOR	HURGHÂDA	WÂDI ḤALFA	[illegible]	[illegible]	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	13 h. m.	12 h. 30 m.	13 h. 15 m.	h. m.	13 h. 15 m.	13 h. 15 m.
								06 35 30	03 03 10	06 02 25		06 02 20	06 26 10
								09 34 30	06 01 15	09 02 25		09 03 20	09 01 15
								15 31 15	09 01 20	15 01 25		15 04 35	15 05 15
								21 31 15	15 34 15	21 01 30		21 02 30	21 05 10
								30 06 10	21 22 10	30 06 05		30 02 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	1947	1946
	26.12.	1216	1504
	25.12.	1273	1504

STATION	Mean of day: Humidity % on 25th	Humidity Diff from normal	Wet Bulb Temp °C on 25th	Wet Bulb Temp Diff from normal
Alexandria	53	-12	13.0	+0.4
Ezbekîya	79	+10	12.3	+2.3
Gîza	81	+7	12.6	+1.9
Ḥelwân	65	+8	11.1	+0.8

GÎZA — GRASS MINIMUM TEMP. ON 26th. 2.8 °C

CAIRO — WATER TEMP / RIVER NILE AT 8h. ON.. °C

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba	26.12.1947	12.56	+0.12	12.56	+0.12
Nâsser		10.15	+1.93	10.25	+1.95
Malakâl		12.48	+0.58	12.48	+0.57
J. Aulia Res.				371.95	—
J. Aulia D.S.				372.20	-0.01
Roseires		12.18	+0.58	12.22	+0.60
Sennar Res.		20.67	—	20.66	—
Khartûm		11.35	-0.06	11.35	-0.02
Kh. el Girba					
'Atbara		10.98	+0.05	11.01	+0.07
Kajnarti		134.11	+0.29	134.13	-0.29
Aswân Res.		120.09	—	120.45	—
Aswân D.S.		85.22	-0.53	85.75	-0.44
Roda (Cairo)		12.51	+1.39	16.51	+1.31

Printed by the Survey of Egypt, 1945 (45/306)

At 8h. on FRIDAY 26th. — الساعة ٨ يوم الجمعة ٢٦

Station	Present Weather ww	Visibility v	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total From Oct. 1 mms	Rainfall Norm From Oct. 1 mms
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	••	9	18	2	•	•	-	25.9	+7.3	12.4	20	+1	10	0	73	dw		66
MARIUT	••	7	••	•	•	1	42	26		11	20	—	7	—	95	•	27	63
ALEXANDRIA	01	7	12	1	2	4	8	26.3	+7.5	14.7	21	+1	12	+1	73	•	67	86
DAMIETTA	01	8	08	2	1	4	6	25.8	+7.7	15.9	19	—	10	—	70	3	14	36
PORT SA'ÎD	••	7	07	4	•	1	8,4	24		16.	20		13		59	•	11	28
EL 'ARÎSH																	dw	31
LOWER EGYPT																		
DAMANHÛR	01	6	02	2	1	4	9	26.0	+7.3	10.0	21	+1	10	0	92	•	15	33
MANŞÛRA	01	8	02	1	5	3	6	26.2	+7.5	11.8	22	+1	9	+1	78	2	18	15
TANTA	••	8	08	1	1	•	-	26.4	+7.3	10.0	22	+1	7	•	93	•	4	12
ZAGAZIG	••	6	24	2	•	•	-	26.2	+7.0	11.4	23	+3	7	•	69	•	7	9
SHEBÎN EL KÔM	09	7	04	2	4	•	-	26.2	+7.0	10.6	22	—	8	—	83	•	2	—
MIDDLE EGYPT																		
CAIRO ALMAZA	••	7	03	3	•	•	-	25.4	+5.9	10.0	20	—	8	—	67	•	1	—
CAIRO EZBEKÎYA	••	7	08	2	•	•	—	25.9	+6.4	8.8	21	+1	3	+1	76	•	14	8
CAIRO GÎZA	••	7	28	2	•	•	-	26.0	+6.5	8.9	21	+1	6	-1	88	•	19	9
ḤELWÂN	••	7	06	5	•	•	-	25.0	+5.4	13.6	20	+1	12	+3	50	•	9	7
SUEZ	••	9	02	1	•	•	-			13.0					62	•	5	8
UPPER EGYPT																		
FAIYÛM	••	8	••	•	•	•	-	25.0	+5.6	10.3	21	-1	8	+1	71	•	4	2
MINYA	05	6	31	2	•	•	-	23			20		7			•	dw	—
ASYÛT	••	7	22	1	•	•	-	23.6	+3.5	9.7	20	-1	6	-1	77	•	•	3
NAG' ḤAMÂDI	••	8	24	1	•	•	-	22.6	+3.1	11.3	23	—	11	—	79	•	•	—
QENA	••	7	26	2	•	•	-	22.4	+3.4	9.6	22	-1	7	-1	83	•	5	—
LUXOR	••	9	22	2	•	•	-	22.2	+3.0	12.0	24	—	7	—	74	•	•	—
ASWÂN	••	9	••	•	•	•	-	21.1	+2.2	13.0	22	-2	10	-1	66	•	•	—
WESTERN DESERT																		
SÎWA	••	7	••	•	•	•	-	25.6	+5.0	6.2	22	+1	3	-2	82	•	dw	4
BAHARÎYA	••	8	••	•	•	•	-	24.8	+4.6	9.5	21	+1	5	•	80	•	dw	4
KHÂRGA	••	9	02	1	•	•	-	23.6	+4.4	13.9	21	-2	10	+3	56	•	•	—
DAKHLA	••	8	••	•	•	•	-	24.0	+3.5	12.1	20	-2	7	+1	72	•	•	—
RED SEA																		
TÔR	••	9	••	•	•	•	-	22.8	+4.9	20.5	25	+3	11	+2	75	•	•	6
HURGHÂDA																	dw	3
QUSEIR	01	8	06	4	1	3	5	21.4	+3.9	23.0	23	-1	17	+2	60	•	•	4
PORT SÛDÂN																dw	226	79
NORTH SÛDÂN																		
WÂDI ḤALFA																•	•	—
KAREIMA																•	•	1
'ATBARA																•	dw	2
KHARTÛM																•	dw	4
KASSALA																•	dw	2
CENTRAL SÛDÂN																		
WAD MEDANI																•	7	12
RENK												—		—		—	—	42
ROSEIRES																•	33	31
EL OBEID																•	1	16
EL FÂSHER								—	—							•	•	6
GENEINA								—	—			—		—		—	•	4
KADUGLI												—		—		—	0	89
S. SÛDÂN																		
MALAKÂL																•	53	82
WÂU																•	42	143
JUBA																•	42	141

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

[illegible]	MARIUT	PORT SA'ÎD	ḤELWÂN	MINYA	ASYÛT	LUXOR	ASWÂN	[illegible]	[illegible]	[illegible]	KHARTÛM
7 h. 30 m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. 30 m.	7 h. m.	8 h. m.	h. m.
03 07 25								03 11 35	03 05 30	03 03 30	
06 07 35								06 10 35	06 06 40	06 05 20	
09 07 30								12 10 25	09 05 35	09 08 20	
12 06 20								15 11 25	12 05 35	12 09 20	
15 05 15								18 11 20	15 05 35	15 08 20	
18 35 05								21 11 10	18 05 35	18 04 20	
21 08 05								24 10 10	21 05 20	21 04 15	
24 11 15								27 15 05	24 05 05	24 06 20	
27 21 05								30 18 10	27 35 05	27 06 15	

KASSALA	PORT SÛDÂN	EL OBEID	EL FÂSHER	GENEINA	MALAKAL
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

CYPRUS SYNOPTIC 8h ON 26th.
34705 02990 04315 28090 50404 00519
34857 02975 16127 29060 17563 00020

UPPER AIR TEMP — ALMÂZA — AT 15 G.M.T. ON 26th.

HEIGHT FEET	P.P.P. m.b.	T.T. °F	T.T. °F
Surface	1014	65	60
500	995	59	56
1000	978	58	54
1500	960	56	51
2000	943	55	50
4000	876	48	44
6000	813	38	37
8000	753	37	30
10000	647	33	20
12000	645	31	26
14000	592	25	22
16000	550	18	16

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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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. 6 49
Sunset h. m. 17 02

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on FRIDAY 26th — At 20h. on 26th

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	00	9	08	2	0	0	-	24.3	20.2	44	0	00	8	00	0	0	0	-	23.8	14.0	74	0	131
MARIUT	01	7	06	2	0	3	9,4	25	20	46	0	00	7	05	1	0	0	-	24	11	82	0	150
ALEXANDRIA	01	9	12	2	2	4	8	24.0	19.6	48	0	01	6	12	2	2	3	8	24.6	14.0	78	0	132
DAMIETTA	00	8	12	2	1	2	8	24.2	16.9	73	0	00	8	06	3	0	0	-	23.9	15.0	68	0	159
PORT SA'ÎD	00	7	06	3	0	1	8	23	17	60	0	00	7	05	4	0	0	-	23		52	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	08	3	1	5	8	24.6	17.8	61	0	01	6	10	3	1	4	0	24.4	12.0	80	0	136
MANSÛRA	01	8	04	1	1	4	8	24.6	19.0	52	0	00	6	32	1	1	0	-	24.2	12.6	80	0	137
TANTA	00	8	08	2	0	0	-	23.4	19.4	43	0	00	8	08	1	0	0	-	23.9	11.6	92	0	138
ZAGAZIG	01	6	24	2	0	2	8	22.8	20.4	57	0	00	6	32	2	0	0	-	24.0	12.8	79	0	139
SHEBÎN EL KÔM	00	8	04	3	0	1	8	23.5	19.4	47	0	00	7	02	2	0	0	-	24.2	12.1	80	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	8	26	5	0	0	-	22.6	19.5	46	0	00	7	04	3	0	0	-	23.3	13.0	77	0	141
CAIRO EZBEKÎYA	00	8	02	3	0	0	-	23.1	19.9	40	0	00	8	04	2	0	0	-	23.5	12.4	73	0	—
CAIRO GÎZA	00	8	02	3	0	0	-	23.4	19.7	40	0	00	8	04	2	0	0	-	23.5	13.0	75	0	—
HELWÂN	00	9	04	5	0	0	-	21.8	19.3	30	0	00	7	04	5	0	0	-	22.8	13.2	49	0	143
SUEZ	00	9	02	1	0	0	-		19.4	36	0	00	9	28	1	0	0	-		12.6	54	0	144
UPPER EGYPT																							
FAIYÛM	00	8	02	3	0	0	-	21.6	20.7	29	0	00	8	32	2	0	0	-	22.3	13.0	58	0	153
MINYA	00	8	00	0	0	0	-	20	23	34	0	00	7	32	3	0	0	-	21	12	63	0	154
ASYÛT	00	8	26	1	0	0	-	20.7	18.3	51	0	00	6	22	1	0	0	-	21.0	13.3	63	0	155
NAG' HAMÂDI	00	8	00	0	0	0	-	18.8	22.8	51	0	00	8	32	1	0	0	-	19.8	15.1	74	0	164
QENA	00	9	24	2	0	0	-	17.8	22.0	52	0	00	6	18	1	0	0	-	19.5	16.8	68	0	156
LUXOR	00	9	02	2	0	0	-	18.7	24.2	48	0	00	8	06	2	0	0	-	19.1	18.5	54	0	157
ASWÂN	00	9	02	2	0	0	-	16.4	25.6	26	0	00	9	32	1	0	0	-	19.0	21.3	33	0	158
WESTERN DESERT																							
SÎWA	00	8	12	3	0	0	-	24.2	19.4	55	0	00	6	00	0	0	0	-	23.8	9.7	80	0	148
BAHARÎYA	00	8	32	2	0	0	-	21.2	20.5	33	0	00	7	32	2	0	0	-	22.2	14.2	45	0	149
KHÂRGA	00	9	32	1	0	0	-	20.6	21.8	34	0	00	9	32	1	0	0	-	20.8	17.8	40	0	151
DAKHLA	00	9	02	1	0	0	-	19.5	21.2	66	0	00	8	00	0	0	0	-	21.0	13.3	67	0	152
RED SEA																							
TÔR	00	9	28	2	0	0	-	20.3	21.2	68	0	00	9	28	2	0	0	-	19.1	21.2	57	0	145
HURGHÂDA												00	8	26	2	1	0	-	20	14	82	0	146
QUSEIR	00	8	32	3	0	0	-	21.1	23.2	60	0	00	8	32	3	0	0	-	19.8	22.0	45	0	147
PORT SÛDÂN	02	8	02	4	1	6	4,4	14	31	55	0												208
NORTH SÛDÂN																							
WÂDI HALFA																							165
KAREIMA	00	8	02	2	0	1	8	12	28	35	0												166
'ATBARA	00	8	04	2	1	0	-	10	31	29	0												167
KHARTÛM	00	8	04	2	0	0	0	12	31	28	0												209
KASSALA	00	8	32	2	0	0	-	6	33	32	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	02	4	0	0	-	7	33	26	0												171
RENK																							182
ROSEIRES	00	8	28	1	0	0	-	7	29	31	0												172
EL OBEID	00	8	04	2	0	0	-	10	28	19	0												174
EL FÂSHER	00	8	04	2	0	0	-	—	27	12	0								—				175
GENEINA	00	8	12	2	0	0	-	—	29	12	0								—				179
KADUGLI	00	8	04	3	0	0	-	9	31	19	0												187
S. SÛDÂN																							
MALAKÂL	00	8	02	4	0	0	-	7	33	19	0												176
WÂU	00	8	02	3	0	0	-	7	34	18	0												177
JUBA	01	8	04	2	1	3	2	7	33	26	0												173

At 8h. on SATURDAY 27th — الساعة ٨ يوم السبت ٢٧

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Car Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	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												—		—				
MATRÛH	00	9	32	1	4	0	-	23.0	+4.4	12.6	20	+1	10	0	78	0		67
MARIUT	05	6	00	0	4	0	-	23		12	20	—	7	—	94	0	27	64
ALEXANDRIA	01	8	12	1	2	3	8	23.0	+4.2	15.9	21	+2	12	+1	63	0	67	88
DAMIETTA	00	7	06	2	0	0	-	21.9	+3.8	14.0	19	—	8	—	90	0	14	37
PORT SA'ÎD	05	6	00	0	0	0	-	22		13	13		10		82	0	11	28
EL 'ARÎSH																	dr	31
LOWER EGYPT																		
DAMANHÛR	00	7	08	2	0	0	-	22.7	+4.5	8.9	19	-2	8	-1	93	0	15	33
MANSÛRA	00	8	02	1	0	0	-	22.0	+3.3	12.0	21	0	9	+1	76	0	18	15
TANTA	00	8	08	1	0	0	-	22.4	+3.3	7.0	20	-1	4	-3	94	0	4	13
ZAGAZIG	00	6	08	2	0	0	-	21.5	+2.3	4.9	20	0	5	-2	100	0	7	9
SHEBÎN EL KÔM	01	7	04	1	4	0	-	22.4	+3.2	8.9	20	—	1	—	86	0	2	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	6	09	1	0	0	-	22		10	20	—	6	—	88	0	1	—
CAIRO EZBEKÎYA								22.4	+3.0	8.0	21	+1	7	-1	86	0	14	8
CAIRO GÎZA	46	3	28	1	4	9	—			5.2	20	0	4	-2	97	0	19	9
HELWÂN	05	5	00	0	0	0	0	22.2	+2.6	10.9	19	0	8	-1	67	0	9	8
SUEZ	00	9	30	1	0	0	-			11.4	20	-1	8	-2	71	0	5	8
UPPER EGYPT																		
FAIYÛM	00	8	00	0	0	0	0	22.0	+2.6	11.5	22	+1	6	-1	68	0	4	8
MINYA	00	7	32	2	0	2	1	21		7	23		4		87	0	dr	—
ASYÛT	00	7	22	1	0	0	-	21.2	+1.1	10.3	22	+1	7	0	71	0	0	3
NAG' HAMÂDI	00	8	00	0	0	0	-	21.1	+1.5	9.2	23	—		—	83	0	0	—
QENA	01	7	04	3	0	3	1	20.7	+1.9	14.1	23	0	10	+2	60	0	5	—
LUXOR	01	9	32	2	1	3	2	20.0	+0.8	14.5	21	+2	10	[illegible]	65	0	0	—
ASWÂN	00	9	32	2	0	0	-	19.6	+0.6	15.0	27	+3	12	+1	68	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	-	23.4	+2.7	5.1	21	0	2	-2	83	0	dr	4
BAHARÎYA	00	8	00	0	0	0	-	22.2	+2.0	10.0	21	+1	3	-2	72	0	dr	4
KHÂRGA	02	8	00	0	2	5	8	21.2	+2.0	14.2	22	-1	10	+3	54	0	0	—
DÂKHLA	02	8	00	0	1	4	5	20.8	+0.3	7.9	23	+1	4	-2	54	0	0	—
RED SEA																		
TÔR	00	9	32	2	0	0	-	20.2	+2.9	15.0	23	+1	9	0	41	0	0	6
HURGHÂDA	00	9	26	2	0	0	-	21		14	22		10		67	0	dr	3
QUSEIR	00	8	28	3	0	0	-	19.6	+2.0	19.0	24	0	16	+1	63	0	0	4
PORT SÛDÂN																2 ×	228	20
NORTH SÛDÂN																		
WÂDI HALFA																0	0	—
KAREIMA	00	7	06	4	0	0	-	15		19					46	0	0	1
'ATBARA	00	8	32	2	0	0	-	15		20			17		64	0	dr	2
KHARTÛM						—										0	dr	4
KASSALA	00	8	30	2	0	0	-	11		24			18		15	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI																0	7	12
RENK	00	9	02	2	0	0	-	13		26		—		—	42	—	—	49
ROSEIRES	00	8	10	1	0	0	-	12		26						0	33	36
EL OBEID	00	8	28	3	0	0	-	14		17			14		46	0	1	16
EL FÂSHER	00	8	00	0	0	0	—	—	—	12			7		41	0	2	6
GENEINA	00	8	04	3	0	0	—	—	—			—		—		—	—	4
KADUGLI	00	8	04	3	0	0	-	15		22		—		—	38	—	—	29
S. SÛDÂN																		
MALAKÂL																0	53	88
WÂU																0	48	143
JUBA																0	49	141

UPPER WINDS ON 26th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12h. m.	KHARTÛM 13h. m.	KASSALA 12h. 30m.	EL OBEID 13h. 15m.	MALAKAL 13h. m.	JUBA 13h. m.
								03 06 15	06 03 10	06 02 05	06 04 25	06 03 15	06 03 15
								06 06 15	09 03 15	09 04 05	09 03 25	09 03 15	09 08 15
								08 07 10	15 02 15	15 12 05	15 05 20	15 05 15	15 03 10
								15 09 05	21 02 05	21 10 05	21 02 05	21 05 20	21 04 25
								21 25 10		30 11 05	30 02 05	30 06 35	30 06 35
								30 33 10					39 09 05

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 6h. 40m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 8h. 40m.	[struck out] 7h. 45m.	[struck out] 7h. m.	[struck out] 7h. m.	ASWÂN 7h. m.	WÂDI HALFA 8h. m.	ABU HAMAD 7h. m.	KAREIMA h. m.	KHARTÛM 6h. 30m.
03 14 10			03 07 10	03 09 35	03 08 15	03 08 20	02 31 10	03 05 15	06 05 30		06 03 20
06 15 10			05 09 10	06 08 40	06 11 20	06 11 20	05 08 35	06 08 35	09 06 45		09 04 45
09 04 10			08 06 05	09 10 25	09 13 15	09 12 20	10 14 10	09 06 30	15 06 30		15 03 20
12 06 20			10 14 05	12 09 20	12 13 10	12 12 15	05 12 35	15 06 15	21 33 10		21 29 30
15 08 20			15 24 05	15 05 15	15 11 15	15 15 05	20 09 15	21 09 05	30 03 15		30 28 20
18 08 30			20 20 15	18 04 15	18 21 15	18 28 10	25 20 20	30 27 10			39 17 10
21 12 25			22 20 20	21 03 15	21 21 20	21 27 15		39 27 30			
24 08 25			25 21 30	24 23 10	24 22 30	24 26 30		45 23 15			
27 08 30			30 21 30	27 28 15	27 23 35	27 27 20					

KASSALA 7h. m.	PORT SÛDÂN h. m.	EL OBEID 7h. m.	EL FÂSHER 7h. m.	[struck out] 7h. m.	[struck out] 7h. m.
06 03 10		06 26 30	12 03 15	06 03 10	09 25 30
09 06 10		09 03 05	15 05 15	09 03 20	15 08 30
15 06 10		15 09 15	21 24 05	15 05 55	21 07 30
21 08 20		21 05 15	33 24 05	21 15 20	30 03 15
30 01 15		30 18 20			39 33 05
39 24 15		39 18 25			45 27 20
45 33 10		45 11 15			60 24 20
		60 11 10			

UPPER AIR TEMP. — ALMÂZA — AT 16 G.M.T ON 26th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1013	62	54
500	995	61	50
1000	977	58	49
1500	959	56	48
2000	942	53	46
4000	875	47	37
6000	812	41	33
8000	752	44	30
10000	696	35	24
12000	644	28	23
14000	595	21	20
16000	549	14	13

CYPRUS SYNOPTIC . 8h ON 27th
34734 01932 04333 25110 70300 00090
34857 02972 14226 27080 44301 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 26th	Diff from normal	Wet Bulb Temp °C on 26th	Diff from normal
Alexandria	71	+6	12.6	0.0
Ezbekiya	68	-1	10.0	-1.0
Giza	75	+1	10.3	-0.4
Helwân	45	-12	9.6	-0.6

GÎZA — GRASS MINIMUM TEMP. ON 27th 0.3 °C

CAIRO — WATER TEMP. AT 8h. RIVER NILE ON .... °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
27.12	1216	1504
26.12	1216	1504

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27/12/1947			13.56	+0.12
Nâsser				10.15	+1.93
Malakâl		12.48	+0.60	12.48	+0.58
J. Aulia Res.					
J. Aulia D.S					
Roseires		13.14	+0.56	13.18	+0.58
Sennar Res.				20.67	
Khartûm				11.35	-0.06
Kh. el Girba					
'Atbara		10.94	+0.02	10.98	+0.05
Kajnarti		134.09	-0.28	134.11	+0.29
Aswân Res.		120.55		120.49	
Aswân D.S		85.66	-0.53	85.66	-0.53
Roda (Cairo)		16.31	+1.24	16.51	+1.29

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 or Haze 08; Distant Fog 09; Rain in sight 10; Thunder, no rain 11; Distant Duststorm 12; Squally 14; Slight Duststorm 18; Rain in past hour 20-29; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick ,, ,, ,, ,, 42; Fog in patches 49; Drizzle 50-59; Rain 60-69; Rain and Fog 67; Rain and Snow 68, 69; Snow 70-79; Showers 80-89; ,, of Snow 83, 84; ,, of Sleet 85, 86; ,, of Hail 88, 89; Thunderstorm 90-99; ,, ended, now Rain 91; ,, with Hail 94-96; ,, with Duststorm 98; ,, heavy, with Hail 99

PAST WEATHER (W)
Clear, slight cloud 0; Variable sky 1; Mainly overcast 2; Sandstorm, Duststorm 3; Fog, thick dust haze 4; Drizzle 5; Rain 6; Snow, sleet 7; Showers 8; Thunderstorm 9

VISIBILITY (V)
Objects not visible at 50 metres 0; 200 ,, 1; 500 ,, 2; 1 Kilometre 3; 2 ,, 4; 4 ,, 5; 10 ,, 6; 20 ,, 7; 50 ,, 8; Visible over 50 kms. 9

CLOUD 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. 47 m.
Sunset 17 h. 03 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month December 1947 — ١٩٤٧ شهر ديسمبر

At 14h. on Saturday 27th — الساعة ١٤ يوم ٢٧ ; At 20h. on 27th — الساعة ٢٠ يوم السبت ٢٧

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14 mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 14-20 mms	Station Number
MEDITERRANEAN																							
SALÛM																							130
MATRÛH	01	9	28	2	1	4	8	21.2	18.0	65	0	01	8	32	2	1	4	8	21.4	16.9	69	0	131
MARIUT												00	7	00	0	0	2	8,1	21	13	88	0	150
ALEXANDRIA	01	9	32	2	1	4	8	20.0	19.0	54	0	01	6	04	1	2	4	3	21.4	16.5	66	0	132
DAMIETTA	00	8	04	3	0	0	–	19.5	19.0	64	0	08	4	00	0	4	3	1	19.8	17.0	100	0	159
PORT SA'ÎD	00	7	07	2	0	0	–	20	17	72	0	00	7	03	2	0	0	–	20	16	77	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	08	3	1	3	8	20.2	19.8	51	0	01	6	04	3	1	5	1	20.4	12.8	73	0	136
MANSÛRA	00	8	04	1	0	0	–	19.8	21.5	46	0	00	6	02	1	0	0	–	20.3	13.6	87	0	137
TANTA	00	8	00	0	0	0	–	19.6	20.0	47	0	00	8	00	0	0	0	–	20.7	12.8	91	0	138
ZAGAZIG	00	6	32	2	0	0	–	19.2	18.8	57	0	00	6	32	2	0	0	–	20.4	12.2	84	0	139
SHEBÎN EL KÔM	00	8	04	3	0	0	–	19.8	20.8	46	0	00	7	02	1	0	0	–	20.2	13.0	75	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	00	7	32	2	0	0	–	19.1	19.9	36	0	00	7	00	0	0	0	–	20.2	12.3	69	0	141
CAIRO EZBEKÎYA	00	8	30	2	0	0	–	19.5	20.0	48	0	00	7	00	0	0	2	1	20.6	12.5	83	0	—
CAIRO GÎZA	00	8	30	2	0	0	–	19.5	19.9	48	0	00	7	00	0	0	2	1	20.7	9.9	89	0	—
HELWÂN	00	7	22	1	0	0	–	19.1	19.8	39	0	00	7	22	1	0	0	–	20.3	14.1	60	0	143
SUEZ	00	9	00	0	0	0	–		21.8	47	0	00	9	30	1	0	0	–		15.2	51	0	144
UPPER EGYPT																							
FAIYÛM	00	8	00	0	0	2	8	19.5	20.2	42	0	00	8	00	0	0	2	3		12.4	72	0	153
MINYA	01	8	31	1	1	4	1	19	22	41	0	01	7	01	2	1	3	1	19	12	76		154
ASYÛT	00	8	30	1	0	0	–	18.7	20.2	54	0	00	6	26	1	0	0	–	19.8	14.5	78	0	155
NAG' HAMÂDI	01	8	24	1	1	4	4	17.3	21.9	53	0	00	8	00	0	0	0	–	18.0	15.7	84	0	164
QENA	02	9	24	3	1	5	2	18.4	22.7	51	0	02	6	24	1	2	5	4	17.4	16.8	76	0	156
LUXOR	01	9	02	2	1	4	2	16.8	25.0	44	0	01	8	30	3	1	3	2	17.8	19.8	54	0	157
ASWÂN	01	9	00	0	1	4	1	16.0	27.8	34	0	01	9	00	0	1	4	1	16.2	23.5	44	0	158
WESTERN DESERT																							
SÎWA	00	8	26	2	0	0	–	21.2	19.8	51	0	00	6	00	0	0	0	–	21.5	10.2	75	0	148
BAHARÎYA	01	8	28	1	1	3	2	19.2	22.5	34	0	02	7					2	19.9	14.0	67	0	149
KHÂRGA	01	8	00	0	1	4	3	19.0	24.9	41	0	02	7	00	0	2	6	6	19.1		48	0	151
DAKHLA	02	8	28	1	2	5	5	17.4	21.4	38	0	01	8	00	0	1	4	5	19.4	4.8	45	0	152
RED SEA																							
TÔR	00	9	28	1	0	0	–	17.6	21.8	54	0	00	9	28	1	0	0	–	18.0	20.8	54	0	145
HURGHÂDA	01	9	32	1	0	4	2	18	21	57	0												146
QUSEIR	01	8	32	3	1	4	2	18.4	22.8	67	0	01	8	32	3	1	4		18.0	20.0	81	0	147
PORT SÛDÂN	01	8	08	3	1	3	8,4	13	28	58	0												208
NORTH SÛDÂN																							
WÂDI HALFA	00	8	02	2	0	1	1	14	26	27													165
KAREIMA	00	8	08	1	0	0	–	11	29	35													166
'ATBARA	00	8	28	3	0	0	–	9	31	29													167
KHARTÛM	00	8	32	3	0	0	–	8	32	21													209
KASSALA	00	8	02	2	0	0	–	6	33	32													170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	32	4	0	0	–	7	34	20													171
RENK																							182
ROSEIRES	00	8	28	1	0	0	–	7	36	22													172
EL OBEID	00	8	32	3	0	0	–	8	30	22													174
EL FÂSHER	00	8	31	1	0	0	–	—	28	20									—				175
GENEINA	00	8	04	2	0	0	–	—	31	9									—				179
KADUGLI	00	8	04	3	0	0	–	7	33	23													187
S. SÛDÂN																							
MALAKÂL	00	7	04	3	0	3	4	5	34	22													176
WÂU	01	8	04	3	1	3	4,1	5	34	19													177
JUBA																							173

At 8h. on Sunday 28th — الساعة ٨ يوم الأحد 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 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												—		—				39
MATRÛH	01	9	20	2	1	3	1	23.0	+4.4	13.2	20	+1	4	+1	72	0		68
MARIUT	01	7	00	0	0	5	8	22		14	21	—	8	—	88	0	27	65
ALEXANDRIA	01	9	04	2	2	4	8	22.2	+3.4	16.4	22	+3	15	+4	66	0	67	90
DAMIETTA	04	5	16	1	4	4	6,1	21.0	+2.9	11.9	20	—	8	—	99	0	14	38
PORT SA'ÎD	01	7	27	2	1	3	6	21		14	19		12		82	0	11	29
EL 'ARÎSH																	dr	32
LOWER EGYPT																		
DAMANHÛR	01	6	26	2	1	3	1	21.9	+3.3	10.2	21	0	9	+1	87	0	15	34
MANSÛRA	01	8	04	1	1	3	6	22.0	+3.4	11.3	22	+2	9	+1	84	0	18	15
TANTA	01	8	00	0	1	4	8	21.9	+2.8	8.0	22	+1	6	-1	100	0	4	13
ZAGAZIG	04	3	32	2	4	0	–	21.8	+2.6	5.8	21	+1	4	-3	100	0	7	9
SHEBÎN EL KÔM	09	6	22	1	4	4	8	21.9	+2.7	8.4	23	—	7	—	93	0	2	—
MIDDLE EGYPT																		
CAIRO ALMAZA	05	8	00	0	1	5	4,5	22.0	+2.6	9.1	21	—	7	—	83	0	1	—
CAIRO EZBEKÎYA	08	5	00	0	4	5	5	22.2	+2.8	9.5	22	+2	8	0	94	0	14	8
CAIRO GÎZA	08	5	00	0	4	5	5			7.2	20	0	4	-2	98	0	19	9
HELWÂN	09	5	04	1	2	6	6	22.2	+2.6	11.2	22	+3	8	-1	77	0	9	8
SUEZ	13	9	02	1	2	8	5			9.2	25	+4	7	-3	79	0	5	8
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	6	6	22.3	+2.9	10.0	23	+2	8	+1	76	0	4	2
MINYA	01	7	30	2	1	4	8	21		10	22		6		76	0	dr	—
ASYÛT	01	7	20	1	1	4	5	20.8	+0.7	11.1	24	+4	8	+1	66	0	0	3
NAG' HAMÂDI												—		—			0	—
QENA	00	6	24	2	0	0	–	18.0	-0.9	13.6	24	+1	11	+3	72	0	5	—
LUXOR	01	9	06	1	1	3	2	19.4	+0.2	15.0	26	+2	10	+4	68	0	0	—
ASWÂN	00	9	02	1	0	0	–	18.4	-0.6	17.2	28	+4	14	+3	59	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	–	23.4	+2.7	6.6	21	0	4	0	88	0	dr	4
BAHARÎYA	02	8	24	1	1	5	4	22.2	+2.0	10.2	23	+3	7	+2	77	0	dr	4
KHÂRGA	01	8	02	1	1	3	2	20.3	+1.1	15.0	26	+3	11	+4	51	0	0	—
DÂKHLA	02	8	00	0	1	5	5	20.2	-0.3	12.8	22	0	7	+1	50	0	0	—
RED SEA																		
TÔR	02	9	32	2	2	5	1	19.6	+1.6	16.6	24	+2	10	+1	35	0	0	6
HURGHÂDA	00	9	26	3	0	3	4,1	19		15	23		12		59	0	dr	3
QUSEIR	00	8	30	2	0	0	–	18.3	+0.7	19.4	24	0	16	+1	61	0	0	4
PORT SÛDÂN	01	8	32	2	1	4	6	15		26			21		74	0	228	81
NORTH SÛDÂN																		
WÂDI HALFA	00	8	00	1	0	0	–	17		16			11		59	0	0	—
KAREIMA	00	8	06	3	0	0	–	15		20			12		53	0	0	1
'ATBARA	00	8	32	2	0	0	–	18		21			17		65	0	dr	2
KHARTÛM	00	8	30	3	0	0	–	12		22			17		47	0	dr	4
KASSALA	00	8	24	2	0	0	–	12		22			17		69	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI	00	9	32	4	0	0	–	11		22					41	0	7	12
RENK	00	8	04	3	0	0	–	12		22		—		—	53	—	—	49
ROSEIRES	00	8	28	1	0	0	–	11		19					68	0	33	36
EL OBEID	00	8	32	2	0	0	–	13		18			14		37	0	1	16
EL FÂSHER	00	8	32	2	0	0	–	—	—	13			10		38	0	0	6
GENEINA	00	8	04	2	0	0	–	—	—	14		—	4	—	32	—	—	4
KADUGLI	00	8	22	1	0	0	–	9		23		—		—	41	—	—	29
S. SÛDÂN																		
MALAKÂL	00	8	02	3	0	3	4	10		24			18		28	0	53	88
WÂU	00	8	00	0	0	0	–	10		22			17		65	0	48	143
JUBA																	49	142

UPPER WINDS ON 27th — الرياح العليا يوم ٢٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 13 h. m.	KHARTÛM 13 h. 15 m.	KASSALA 12 h. 30 m.	EL OBEID 13 h. m.	MALAKAL 13 h. m.	JUBA h. m.
							03 03 15	06 05 15	06 03 20	06 04 05	06 36 30	06 04 30	
							06 06 15	09 06 35	09 01 25	09 05 10	09 02 40	09 04 35	
							09 05 10	15 05 10	15 35 30	15 03 10	15 04 45	15 06 30	
							15 05 10	21 05 20	21 28 20	21 36 15	21 11 15	21 09 05	
							21 07 10	24 30 10	24 28 30		24 11 10	24 16 10	
							30 27 10	30 34 10	30 24 35		30 12 05	30 10 20	
							33 23 05	33 35 10	33 22 45		33 13 05	33 07 25	
							39 23 10	39 31 10	39 19 10				
							45 28 20	45 23 10	45 13 10				

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT 7 h. 30 m.	PORT SA'ÎD h. m.	HELWÂN 8 h. 45 m.	Baharia 7 h. m.	ASYÛT 7 h. m.	Kharga 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	ABU HAMAD 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 6 h. 30 m.
	03 06 30		02 03 15	03 05 25	02 34 10	03 03 30	02 01 15	03 03 25	06 06 30	03 04 20	06 26 40
	06 05 30		05 03 30	09 03 30	05 03 30	06 04 30	05 05 15	06 07 30	09 07 35	06 05 30	09 02 35
	09 04 20		08 03 30	15 02 05	10 35 20	12 03 05	10 09 20	09 06 25	11 04 30	09 07 40	15 04 15
	12 05 20		10 03 40	18 32 15		15 04 20	15 08 25	15 12 10	21 02 10	15 07 25	21 35 25
	15 05 15		15 03 30	21 29 20		18 02 30	20 10 10	21 07 10	24 01 05	18 14 20	24 33 30
	18 06 15		20 35 25	24 26 25		21 22 40	25 13 05	30 01 05	30 30 15	24 30 10	27 30 25
	24 30 05		23 31 25	30 25 40		24 24 10	✓	33 35 10	33 31 10	30 34 10	30 23 30
	27 25 25		25 27 30	36 24 55		27 27 25		45 26 20		33 03 05	33 27 20
	30 25 40		30 26 40	45 24 20		30 22 15		60 22 35		39 08 10	36 26 20

KASSALA h. m.	PORT SÛDÂN 7 h. m.	EL OBEID 7 h. 15 m.	EL FÂSHER h. m.	GENEINA 7 h. m.	MALAKAL 7 h. m.
	03 06 25	06 01 30		09 05 35	06 03 45
	06 09 20	09 04 35		15 09 30	09 03 60
	09 10 20	15 06 20		21 11 30	15 05 55
	15 11 25	21 16 20		24 11 10	21 03 30
	21 14 35	24 18 10		30 16 20	24 03 30
	24 13 30	27 12 05			30 12 20
		30 07 10			39 12 20
		33 13 05			45 16 10

CYPRUS SYNOPTIC 8h ON 28th
34770 03775 28205 21010 60307 00050
34950 02966 14216 22080 40201 00050

UPPER AIR TEMP — ALMÂZA — AT 14 G.M.T. ON 27th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1010	65	59
500	992	63	54
1000	974	62	52
1500	956	59	50
2000	939	57	48
4000	872	50	40
6000	809	48	33
8000	750	44	31
10000	695	39	31
12000	642	31	27
14000	593	20	19
16000	547	12	12

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	1947	1946
	28-12	1216	1504
	27-12	1216	1504

STATION	Mean of day: Humidity % on 27th	Diff from normal	Wet Bulb Temp °C on 27th	Diff from normal
Alexandria	60	-5	13.2	+0.7
Ezbekiya	78	+9	10.7	-0.2
Gîza	96	+12	9.4	-1.3
Helwân	59	+2	10.4	+0.3
GÎZA	GRASS MINIMUM TEMP ON 28th 1.5 °C			
CAIRO	WATER TEMP RIVER NILE AT 8h. ON °C			

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.56	+0.13
Nâsser				10.10	+1.99
Malakâl		12.48	+0.62	12.48	+0.60
J. Aulia Res.				377.15	-
J. Aulia D.S				372.17	-0.02
Roseires		12.12	+0.56	12.14	+0.56
Sennar Res.				20.68	
Khartûm				11.34	-0.04
Kh. el Girba					
'Atbara		10.93	+0.02	10.94	+0.02
Kajnarti				134.09	-0.28
Aswân Res.		129.60	-	120.55	-
Aswân D.S		85.65	-0.54	85.66	-0.53
Roda (Cairo)		16.00	+0.99	16.31	+1.24

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 or Haze 08; Distant Fog 09; Rain in sight 10; Thunder, no rain 11; Distant Duststorm 12; Squally 14; Slight Duststorm 18; Rain in past hour 20-29; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick ,, ,, ,, ,, 42; Fog in patches 49; Drizzle 50-59; Rain 60-69; Rain and Fog 67; Rain and Snow 68, 69; Snow 70-79; Showers 80-89; ,, of Snow 83, 84; ,, of Sleet 85, 86; ,, of Hail 88, 89; Thunderstorm 90-99; ,, ended, now Rain 91; ,, with Hail 94-96; ,, with Duststorm 98; ,, heavy, with Hail 99

PAST WEATHER (W)

Clear, slight cloud 0; Variable sky 1; Mainly overcast 2; Sandstorm, Duststorm 3; Fog, thick dust haze 4; Drizzle 5; Rain 6; Snow, sleet 7; Showers 8; Thunderstorm 9

VISIBILITY (V)

Objects not visible at 50 metres 0; 200 ,, 1; 500 ,, 2; 1 Kilometre 3; 2 ,, 4; 4 ,, 5; 10 ,, 6; 20 ,, 7; 50 ,, 8; Visible over 50 kms. 9

CLOUD 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. 06 m. 00

Sunset h. 17 m. 04

MINISTRY OF PUBLIC WORKS

PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month December 1947

At 14h. on Sunday 28th — الساعة ١٤ يوم ٢٨

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 8-14 mms
MEDITERRANEAN											
SALÛM											
MATRÛH	01	9	28	1	1	3	1	22.3	18.8	57	0
MARIUT	01	7	02	2	0	4	9,1	22	20	56	0
ALEXANDRIA	01	9	04	2	2	3	8	22.0	19.8	54	0
DAMIETTA	01	8	04	3	1	4	3	21.2	18.5	67	0
PORT SA'ÎD	01	7	03	3	1	4	8	21	20	60	0
EL 'ARÎSH											
LOWER EGYPT											
DAMANHÛR	01	7	04	3	1	4	8	21.9	20.0	55	0
MANSÛRA	01	8	04	1	1	4	8	21.9	20.5	51	0
ṬANṬA	01	8	04	2	1	4	8	21.4	20.2	50	0
ZAGAZIG	02	6	04	2	2	5	8	21.2	18.4	69	0
SHEBÎN EL KÔM	02	8	04	3	1	5	8	22.0	19.9	54	0
MIDDLE EGYPT											
CAIRO ALMÁZA	02	8	32	3	2	5	6,2	20.7	17.7	58	0
CAIRO EZBEKÎYA	02	7	02	3	1	5	5	21.2	18.2	63	0
CAIRO GÎZA	02	7	02	3	1	5	5	21.1	18.0	59	0
ḤELWÂN	02	7	02	3	2	6	4	21.2	17.1	51	0
SUEZ	13	9	30	1	2	7	5		17.0	61	0
UPPER EGYPT											
FAIYÛM	02	8	02	3	2	6	6	21.9	13.5	52	0
MINYA	02	7	01	4	2	5	4,5	20	17	42	0
ASYÛṬ											
NAG' ḤAMÂDI	00	8	24	1	0	0	—	17.0	23.3	51	0
QENA	01	9	24	1	1	4	2	16.2	23.1	53	0
LUXOR	01	9	32	2	1	2	3	15.9	25.2	42	0
ASWÂN	00	9	08	1	0	0	—	13.8	28.6	26	0
WESTERN DESERT											
SÎWA	05	8	04	3	2	6	4	23.0	21.8	53	0
BAHARÎYA	02	8	32	1	2	6	4	20.7	17.5	50	0
KHÂRGA	01	8	02	2	1	4	1	19.1	23.2	36	0
DAKHLA	02	9	28	1	1	5	5	17.6	23.2	34	0
RED SEA											
ṬÔR	02	9	28	3	2	5	1	17.5	21.4	45	0
HURGHÂDA	01	9	32	4	0	4	2	17	21	65	0
QUSEIR	01	8	32	4	0	3	1	17.2	24.0	56	0
PORT SÛDÂN	01	8	06	2	1	4	8	12	29	55	
NORTH SÛDÂN											
WÂDI ḤALFA	00	8	02	2	0	0	—	13	27	20	
KAREIMA	00	8	06	3	0	0	—	10	31	29	
'ATBARA	00	8	28	1	0	0	—	8	32	28	
KHARTÛM	00	8	30	2	0	0	—	8	32	22	
KASSALA	00	8	04	1	0	0	—	5	37	13	
CENTRAL SÛDÂN											
WAD MEDANI	00	8	30	4	0	0	—	7	35	18	
RENK	00	9	32	4	0	0	—	5	34	32	
ROSEIRES	00	8	28	1	0	0	—	5	37	20	
EL OBEID	00	8	32	3	0	0	—	7	32	22	
EL FÂSHER	00	8	32	0	0	0	—	—	31	26	
GENEINA	00	8	04	2	0	0	—	—	31	12	
KADUGLI	00	8	04	2	0	0	—	6	34	19	
S. SÛDÂN											
MALAKÂL	00	8	04	3	0	0	—	5	36	15	
WÂU	01	8	06	3	1	3	1	4	37	18	
JUBA	01	8	04	2	1	2	8	4	32	38	

At 20h. on 28th — الساعة ٢٠ يوم الأحد ٢٨

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESS M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU	RAIN 14-20 mms	STATION NUMBER
MEDITERRANEAN												
SALÛM												130
MATRÛH	00	8	00	0	0	0	—	23.2	16.9	63	0	131
MARIUT	00	7	03	1	0	3	8	23	14	77	0	150
ALEXANDRIA	01	5	08	2	2	4	4	23.4	16.2	67	0	132
DAMIETTA	01	7	32	2	1	3	2	21.9	16.4	85	0	159
PORT SA'ÎD	01	7	05	3	1	3	1	22	17	68	0	134
EL 'ARÎSH												135
LOWER EGYPT												
DAMANHÛR	00	6	04	2	1	2	8	22.8	13.4	75	0	136
MANSÛRA	01	6	02	2	1	4	8	22.1	14.6	76	0	137
ṬANṬA	01	8	00	0	1	4	8	22.9	13.5	93	0	138
ZAGAZIG	00	6	32	2	0	0	—	21.5	13.4	85	0	139
SHEBÎN EL KÔM	00	7	04	2	1	2	4	22.0	12.6	81	0	—
MIDDLE EGYPT												
CAIRO ALMÁZA	02	7	04	2	2	5	2	21.9	15.0	72	0	141
CAIRO EZBEKÎYA	02	7	32	2	1	5	5	21.9	13.7	81	0	—
CAIRO GÎZA	02	7	32	2	1	5	5		14.4	75	0	—
ḤELWÂN	02	7	04	4	2	7	5	21.5	15.2	65	0	143
SUEZ	13	9	30	1	2	7	5		14.2	72	0	144
UPPER EGYPT												
FAIYÛM	02	8	02	1	2	6	6	20.2	14.4	66	0	153
MINYA	01	7	32	2	2	5	4,5	20	11	76	0	154
ASYÛṬ	01	6	32	1	1	2	1		12.0	76	0	155
NAG' ḤAMÂDI	00	8	00	0	0	0	—	17.9	15.4	68	0	164
QENA	01	6	24	1	1	2	1	17.2	17.0	66	0	156
LUXOR	01	8	30	2	1	2	2	17.4	17.8	66	0	157
ASWÂN	00	9	32	1	0	0	—	16.0	20.0	44	0	158
WESTERN DESERT												
SÎWA	02	5	00	0	1	8	6	23.2	14.2	59	0	148
BAHARÎYA	02	7	32	1	2	6	4	21.4	14.5	57	0	149
KHÂRGA	00	8	30	1	0	0	—	19.6	17.2	48	0	151
DAKHLA	01	8	00	0	1	4	5	19.2	14.2	48	0	152
RED SEA												
ṬÔR	01	9	04	2	1	4	1	18.0	18.8	51	0	145
HURGHÂDA	01	8	30	5	1	4	2	15	19	64	0	146
QUSEIR	00	8	32	3	0	0	—	15.0	20.6	66	0	147
PORT SÛDÂN												205
NORTH SÛDÂN												
WÂDI ḤALFA												165
KAREIMA												166
'ATBARA												167
KHARTÛM												209
KASSALA												170
CENTRAL SÛDÂN												
WAD MEDANI												171
RENK												182
ROSEIRES												172
EL OBEID												174
EL FÂSHER												175
GENEINA												179
KADUGLI												187
S. SÛDÂN												
MALAKÂL												176
WÂU												177
JUBA												183

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH 13h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÁZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI ḤALFA 13h. m.	KAREIMA h. m.	KHARTÛM 13h. m.	KASSALA 13h. 45m.	EL OBEID 13h. 45m.	MALAKAL 13h. m.	JUBA 13h. m.
			03 02 20	03 10	06 01 20	06 36 05	06 04 20	06 04 15	06 07 15				
			06 03 20	06 05 10	09 01 20	09 06 05	09 03 20	09 04 20	09 07 15				
			09 04 15	09 03 15	15 03 25	15 05 05	15 03 20	15 06 20	15 09 10				
			15 02 05	15 01 20	21 01 20	21 04 05	21 36 05	21 06 35	21 09 15				
			21 07 10		30 33 15	30 34 10	30 21 10	30 08 25	30 12 20				
			30 06 05		39 30 15	39 30 10		39 02 05	39 07 15				
			39 20 15		45 29 15	45 30 15			45 08 15				
			45 34 20										
			60 23 30										

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 7h. m.	ALMÁZA 7h. m.	EZBEKÎYA 7h. m.	ASYÛṬ 7h. m.	SÎWA 8h. m.	ASWÂN 7h. m.	WÂDI ḤALFA h. m.	ABU ḤAMAD h. m.	KAREIMA h. m.	KHARTÛM h. m.
			03 36 20	02 06 65	03 04 45	03 30 05	12 09 10	02 01 20				
			06 36 20	05 08 15	06 05 55	05 07 10	15 05 15	05 08 30				
			09 03 10	08 07 20	12 04 45		18 04 10	10 11 35				
			12 13 05	10 15 05	15 02 20		21 05 10	15 17 10				
			15 16 10	15 10 05	18 20 05			20 12 05				
			18 10 20	20 20 15	24 19 10			25 15 15				
			24 17 20	23 20 15	30 22 20			30 18 15				
			27 21 20	25 19 15	39 22 25			40 23 10				
			30 18 10	30 18 15	54 23 20			50 23 05				

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

CYPRUS SYNOPTIC 8h ON

STATION	PRESENT WEATHER WW	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	CAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm °C	MINIMUM Today °C mm	MINIMUM Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	RAINFALL Total From Oct 1 mms	RAINFALL Norm From Oct 1 mms
MEDITERRANEAN																		
SALÛM											—		—					40
MATRÛH	01	9	24	2	1	5	9	23.4	+4.8	16.0	19	0	11	+1	70	0		69
MARIUT	00	7	00	0	1	3	9	22		12	20	—	9	—	51	0	27	67
ALEXANDRIA	01	9	04	2	2	4	4	21.9	+3.0	17.2	21	+2	13	+2	64	0	67	92
DAMIETTA	01	8	04	2	1	4	8	21.1	+3.4	16.4	19	—	10	—	75	0	14	38
PORT SA'ÎD	01	7	12	2	1	5	6	21		16	20		15		68	0	11	30
EL 'ARÎSH																	dr	32
LOWER EGYPT																		
DAMANHÛR	00	6	04	2	0	2	8	21.9	+3.3	12.0	21	+1	10	+2	94	0	15	34
MANSÛRA	01	8	02	1	1	4	6	21.4	+2.8	12.8	22	+2	11	+3	94	0	18	15
ṬANṬA	01	8	04	1	1	4	8	21.0	+1.9	10.0	22	+1	7	0	87	0	4	13
ZAGAZIG	02	6	32	2	2	5	8			10.4	21	+1	6	-1	100	0	7	9
SHEBÎN EL KÔM	01	7	04	1	1	4	4	21.2	+2.0	10.8	22	—	10	—	87	0	2	—
MIDDLE EGYPT																		
CAIRO ALMAZA	02	7	03	2	2	5	2	20.5	+1.1	10.0	19	—	9	—	22	0	1	—
CAIRO EZBEKÎYA	02	4	32	1	4	6	5	20.8	+1.4	10.0	19	-1	9	+1	88	0	14	8
CAIRO GÎZA	02	4	32	1	4	6	5	19.9	+0.4	8.9	20	0	4	-2	98	0	19	9
ḤELWÂN	02	7	04	5	2	6	1	19.9	+0.3	14.3	18	-1	13	+4	57	0	9	8
SUEZ	01	9	30	1	1	5	2			13.6	19	-2	8	-2	67	0	5	8
UPPER EGYPT																		
FAIYÛM	02	8	32	2	2	6	6	19.9	+0.5	12.0	18	-3	9	+2	76	0	4	2
MINYA	02	7	31	2	2	7	5	19		10	18		9		82	0	dr	—
ASYÛṬ	01	7	30	1	1	5	1	19.5	-0.7	10.2	22	+2	8	+2	84	0	0	3
NAG' ḤAMÂDI	00	8	00	0	0	0	—	19.1	-0.5	15.9	24	—	11	—	81	0	0	—
QENA	01	7	24	2	1	3	1	18.3	-0.6	16.7	25	+2	10	+3	83	0	5	—
LUXOR	01	7	10	2	1	3	1	18.4	-0.8	14.5	26	+4	8	+4	62	0	0	—
ASWÂN	00	9	32	1	0	0	—			17.0	29	+5	15	+4	57	0	0	—
WESTERN DESERT																		
SÎWA	01	7	00	0	1	4	5	21.9	+1.2	9.1	22	+1	5	+1	86	0	dr	4
BAHARÎYA	02	7	32	2	1	5	2	21.0	+0.8	11.0	18	-2	9	+4	81	0	dr	4
KHÂRGA	01	8	00	0	0	3	0	19.2	-0.1	10.9	24	+1	8	+1	76	0	0	—
DAKHLA	00	8	00	0	0	0	—	19.8	-0.8	9.0	23	+1	7	+2	77	0	0	—
RED SEA																		
ṬÔR	02	8	04	1	0	5	1	17.1	-0.9	16.6	23	+1	10	+1	82	0	0	6
HURGHÂDA	00	9	26	2	0	0	—	17		14	22		11		52	0	dr	3
QUSEIR	00	8	30	2	0	0	—	17.1	-0.5	18.8	24	+1	17	+2	53	0	0	4
PORT SÛDÂN																dr	228	92
NORTH SÛDÂN																		
WÂDI ḤALFA	00	8	02	1	0	0	—	14		15					59	0	0	—
KAREIMA	00	7	06	3	0	0	—	11		20					53	0	0	1
'ATBARA	00	8	33	2	0	0	—	11		18					64	0	dr	2
KHARTÛM	00	8	32	2	0	0	—	10		19					52	0	dr	4
KASSALA	00	8	08	2	0	0	—	9		21					69	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI																0	7	12
RENK											—		—			—	—	49
ROSEIRES																0	33	36
EL OBEID																0	1	16
EL FÂSHER																—	0	6
GENEINA											—		—			—	—	4
KADUGLI											—		—			—	—	29
S. SÛDÂN																		
MALAKÂL																0	53	88
WÂU																0	48	143
JUBA																0	49	142

UPPER AIR TEMP AT 14h GMT ON 28th — ALMÁZA

HEIGHT FEET	P.P.P m.b.	T.T °F	t.t °F
Surface	1012	63	57
500	994	58	54
1000	976	56	53
1500	958	55	51
2000	941	52	50
4000	874	43	42
6000	811	42	34
8000	752	42	30
10000	696	37	27
12000	644	29	24
14000	595	23	19
16000	548	15	13

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	Humidity Diff from normal	Wet Bulb Temp °C on 28th	Wet Bulb Temp Diff from normal
Alexandria	62	-3	13.5	+1.0
Ezbekîya	81	+12	11.7	+0.8
Giza	79	+5	10.9	+0.3
Helwân	66	+9	11.1	+1.1

GÎZA — Grass minimum temp on 23rd 2.8 °C

CAIRO — Water temp at 9h. °C; River mile on

GAUGE	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff from normal m.
Jûba					
Nâsser					
Malakâl	12	12.47	+0.65	12.40	+0.62
J. Aulia Res				377.22	
J. Aulia D.S				372.16	-0.02
Roseires	12	13.10	+0.57	13.12	+0.56
Sennar Res.				20.68	-
Khartûm	1			11.32	-0.04
Kh. el Girba					
'Atbara	29	10.94	+0.04	10.93	+0.02
Kajnarti				134.09	-0.23
Aswân Res.		120.64	-	120.60	-
Arwân D.S		85.45	-0.54	85.65	-0.54
Roda (Cairo)		15.68	+0.70	16.00	+0.99

Discharges at Aswân measured by sluices m³ per sec.	DATE	1947	1946
	29-12	1216	1504
	28-12	1216	1504

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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 or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD 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 6 h. 51 m.
Sunset 17 h. 4 m.

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1947 شهر ديسمبر ١٩٤٧

At 14h. on MONDAY 29th (الساعة ١٤ يوم ٢٩) — At 20h. on 29th (الساعة ٢٠ يوم الاثنين ٢٩)

Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	Rain 8-14h 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	1	4	9	20.3	18.0	58	0	01	8	00	0	1	4	9	19.8	14.6	75	0	131
MARIUT	81	8	04	3	0	4	8	19	20	53	0	01	7	00	0	0	4	6,4	19	15	88	0	150
ALEXANDRIA	01	9	04	2	2	4	8	19.1	19.3	59	0	01	5	04	2	2	4	8	19.0	16.6	68	0	132
DAMIETTA	00	8	08	3	1	0	-	17.9	18.7	62	0	00	7	14	2	1	3	3	17.8	13.7	74	0	159
PORT SA'ÎD	00	7	06	1	0	3	1	18	18	73	0	08	7	05	2	0	1	1	17	17	68	0	134
EL 'ARÎSH																							135
LOWER EGYPT																							
DAMANHÛR	01	7	08	4	1	4	8	19.2	19.8	52	0	01	6	32	3	1	3	8	19.1	13.0	77	0	136
MANSÛRA	01	3	04	2	1	4	8	18.[illegible]	21.5	51	0	00	6	32	2	1	0	-	18.2	13.6	76	0	137
TANTA	01	8	32	3	1	4	8	19.0	20.0	55	0	01	8	32	1	1	4	8	19.1	12.3	93	0	138
ZAGAZIG	02	6	32	3	2	5	8	17.5	19.2	64	0	00	6	32	2	0	0	-	18.2	12.5	87	0	139
SHEBÎN EL KÔM	01	8	04	3	1	4	8	18.4	20.9	56	0	00	7	04	2	0	0	-	18.6?	12.2	87	0	—
MIDDLE EGYPT																							
CAIRO ALMÂZA	01	8	02	3	1	4	8,1	17.5	19.8	55	0	01	7	04	1	1	4	3	17.7	14.1	75	0	141
CAIRO EZBEKÎYA	01	8	30	3	1	4	8	17.9	20.0	55	0	01	7	00	0	1	4	1	17.9	13.3	83	0	—
CAIRO GÎZA	01	8	30	3	1	4	8	18.1	19.3	60	0	01	7	00	0	1	4	1		11.2	89	0	—
HELWÂN	01	8	04	4	1	4	8	17.2	19.9	39	0	00	7	02	3	0	3	1	17.6	14.8	62	0	143
SUEZ	01	9	30	1	1	5	2		20.6	35	0	01	9	28	1	1	5	1		14.8	47	0	144
UPPER EGYPT																							
FAIYÛM	02	8	32	2	2	6	6	17.0	20.6	35	0	01	8	32	1	1	5	6	17.6	13.9	75	0	153
MINYA	01	8	32	2	1	-	2	17	20	53	0	00	7	00	0	1	2	1	17	11	76	0	154
ASYÛT	01	8	3		1	3	1	16.7	20.0	40	0	00	6	26	1	1	0	-	17.4	13.1	76	0	155
NAG' HAMÂDI	00	8	24	1	0	0	-	15.6	22.0	50	0	00	8	32	1	0	0	-	16.3	15.8	73	0	164
QENA	00	9	20	2	0	0	-	14.3	22.0	47	0	01	6	24	2	0	3	1	15.1	17.0	64	0	156
LUXOR	00	9	02	2	0	0	-	14.3	25.5	45	0	00	8	30	2	0	0	-	15.1	18.0	71	0	157
ASWÂN	00	9	30	2	0	0	-	14.2	27.2	36	0	00	9	38	1	0	0	-	14.2	23.2	41	0	158
WESTERN DESERT																							
SÎWA	02	8	00	0	1	4	5	21.4	19.2	59	0	00	6	00	0	0	0	-	21.2	15.1	73	0	148
BAHARÎYA	02	8	04	2	1	4	2	17.8	19.5	43	0	02	7	32	1	1	5	2	19.1	14.0	57	0	149
KHÂRGA	01	8	00	0	0	3	6	17.1	23.8	25	0	01	7	00	0	0	3	0	17.9	14.4	60	0	151
DAKHLA	01	9	28	1	1	3	5	17.2	19.9	35	0	01	8	00	0	0	3	5	17.9	13.6	51	0	152
RED SEA																							
TÔR	00	9	28	3	0	0	-	16.0	21.8	53	0	00	9	28	3	0	0	-	16.4	21.9	58	0	145
HURGHÂDA	01	9	01	2	0	4	2	15	22	61	0	01	8	30	2	1	4	2	16	20	68	0	146
QUSEIR	01	8	32	2	0	2	2	15.6	22.0	59	0	01	8	32	2	0	3	2	15.2	20.6	83	0	147
PORT SÛDÂN	00	8	10	3	1	3	8	12	28	11	r												208
NORTH SÛDÂN																							
WÂDI HALFA											0												165
KAREIMA	00	8	12	1	0	0	-	10	32	36	0												166
'ATBARA	00	8	32	2	0	0	-	6	33	23	0												167
KHARTÛM	00	8	30	3	0	0	-	7	33	20	0												209
KASSALA	00	8	08	2	0	0	-	2	37	14	0												170
CENTRAL SÛDÂN																							
WAD MEDANI	00	8	32	2	0	0	-	5	36	15	0												171
RENK	00	9	04	3	0	0	-	6	36	33	0												182
ROSEIRES	00	8	28	2	0	0	-	4	38	12	0												172
EL OBEID	00	8	30	3	0	0	-	6	32	21	0												174
EL FÂSHER	00	8	04	2	0	2	1	—	29	25	0								—				175
GENEINA	01	8	04	2	1	4	1	—	32	14	0								—				179
KADUGLI	00	8	04	2	0	0	-	7	35	22	0												187
S. SÛDÂN																							
MALAKÂL	00	8	04	4	0	0	-	4	37	12	0												176
WÂU	01	8	06	3	1	4	2	4	36	15	0												177
JUBA	02	8	06	1	1	8	2	3	38	27	0												[illegible]

At 8h. on TUESDAY 30th (الساعة ٨ يوم الثلاثاء ٣٠)

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms.	Norm from Oct. 1 mms.
MEDITERRANEAN																		
SALÛM												—		—				
MATRÛH	00	9	26	3	0	0	-	18.3	-0.3	11.0	18	-1	9	0	68	0		70
MARIUT	01	7	28	2	2	5	8	18		17	20	—	12	—	60	4	31	68
ALEXANDRIA	01	9	28	5	5	5	9	17.6	-2.3	17.0	21	+2	15	+4	52	dr	67	94
DAMIETTA	01	7	20	2	1	4	9	16.0	-2.0	14.0	19	—	8	—	87	0	14	39
PORT SA'ÎD	00	7	25	4	0	2	6	16		14	19		13		88	0	11	31
EL 'ARÎSH																	dr	33
LOWER EGYPT																		
DAMANHÛR	01	6	24	3	1	4	8	18.0	-0.6	13.2	21	+1	10	+2	91	0	15	35
MANSÛRA	00	8	32	1	0	0	-	17.1	-1.5	12.0	22	+2	10	+2	95	0	18	15
TANTA	01	8	00	0	1	4	8	18.0	-1.1	10.3	23	+2	7	0	96	0	4	13
ZAGAZIG	00	6	24	2	0	2	8	17.5	-1.7	8.9	20	0	7	0	100	0	7	9
SHEBÎN EL KÔM	00	7	22	2	0	2	8	18.2	-1.0	11.2	22	—	8	—	89	0	2	—
MIDDLE EGYPT																		
CAIRO ALMAZA	00	7	18	1	0	0	-	18.4	-1.0	11.1	20	—	7	—	84	0	1	—
CAIRO EZBEKÎYA	00	7	14	2	0	2	1	18.4	-1.0	10.4	21	+1	9	+1	88	0	14	8
CAIRO GÎZA	00	7	14	2	0	2	1			9.3	20	0	4	-2	95	0	19	9
HELWÂN	09	6	00	0	0	8	8	19.4	-0.2	9.6	20	+1	8	-1	88	0	9	8
SUEZ	01	9	02	1	1	5	2			9.0	22	+1	7	-3	84	0	5	8
UPPER EGYPT																		
FAIYÛM	02	8	00	0	2	6	6	19.2	-0.2	10.0	21	0	8	+1	79	0	4	2
MINYA	00	7	31	1	0	0	-	19		10	21		4		88	0	dr	—
ASYÛT	00	7	22	1	0	0	-	19.2	-0.4	9.6	22	+2	7	+1	84	0	0	3
NAG' HAMÂDI	00	8	24	1	0	0	-	18.4	-1.2	11.4	22	—	11	—	78	0	0	—
QENA	01	7	24	3	1	3	1	17.1	-1.8	14.3	23	0	11	+4	62	0	5	—
LUXOR	01	9	22	2	1	5	3	17.4	-1.8	15.0	27	+2	10	+4	68	0	0	—
ASWÂN	00	9	32	2	0	0	-	16.3	-2.7	18.4	28	+4	16	+5	50	0	0	—
WESTERN DESERT																		
SÎWA	00	7	00	0	0	0	-	21.6	+0.9	7.0	22	+2	3	-1	85	0	dr	4
BAHARÎYA	00	8	22	2	0	0	-	20.3	+0.1	8.0	20	0	5	0	86	0	dr	4
KHÂRGA	02	6	02	1	1	5	1	20.2	+0.9	10.0	24	+1	8	+1	75	0	0	—
DÂKHLA	02	8	26	1	1	5	5	20.2	-0.4	10.2	21	-1	8	+3	68	0	0	—
RED SEA																		
TÔR	00	9	04	1	0	0	-	16.2	-1.8	15.6	24	+3	12	+3	47	0	0	6
HURGHÂDA	01	9	30	4	0	5	4,1	16		18	22		14		78	1	1	3
QUSEIR	01	8	32	3	1	4	4	16.4	-1.2	20.0	24	+1	18	+3	66	0	0	4
PORT SÛDÂN	01	8	24	2	3	4	8,6	14		25			23		84	dr	228	83
NORTH SÛDÂN																		
WÂDI HALFA	00	8	31	1	0	0	-			14			13		34	0	0	—
KAREIMA	02	8	06	2	1	6	2	14		21			13		50	0	0	1
'ATBARA	01	8	32	2	0	5	1	12		22			18		61	0	dr	2
KHARTÛM	01	8						13		21			19		50	0	dr	4
KASSALA	00	8	02	1	0	0	-	11		23			17		65	0	dr	8
CENTRAL SÛDÂN																		
WAD MEDANI																	7	12
RENK												—		—		—	—	41
ROSEIRES																	33	36
EL OBEID	01	8	28	4	0	4	1	13		19			17		49	0	1	16
EL FÂSHER	02	8	00	0	1	6	2	—	—	16			12		52	0	0	6
GENEINA	02	8	02	2	1	8	5	—	—	11		—	14	—	45	—	—	4
KADUGLI												—		—		—	—	89
S. SÛDÂN																		
MALAKÂL																	53	88
WÂU																	48	143
JUBA																	49	143

UPPER WINDS ON 29th (الرياح العليا يوم ٢٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA h. m.	KAREIMA 12 h. 30 m.	KHARTÛM 13 h. m.	KASSALA 12 h. 15 m.	EL OBEID 13 h. 15 m.	MALAKAL 13 h. m.	JUBA 13 h. 15 m.
								03 05 05	06 35 10	06 02 25	06 03 10	06 05 15	06 09 15
								06 06 05	09 35 10	09 03 30	09 03 10	09 05 30	09 10 20
								09 06 05	15 01 10	15 03 30	15 06 20	15 04 40	15 08 15
								15 18 05	21 01 15	21 31 05	21 07 30	21 07 35	21 09 05
								21 35 05	24 01 15	24 36 15	24 07 30	24 07 25	24 10 15
								24 06 05	27 01 20	30 31 05	27 07 30	30 08 25	30 09 15
								30 09 10		33 36 05	30 08 25	33 09 20	33 07 15
								33 20 05		39 01 05	33 09 20	39 13 15	
								39 20 15		45 15 05		45 17 15	

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 7 h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9 h. 15 m.	MINYA h. m.	ASYÛT 7 h. m.	[illegible] 8 h. m.	ASWÂN 7 h. m.	[illegible] 7 h. m.	[illegible] 8 h. m.	KAREIMA h. m.	KHARTÛM h. m.
03 18 20			03 16 05		02 31 20	03 29 35	02 02 15	03 35 15	03 01 25		
06 18 55			05 31 35		05 34 40	06 29 30	05 02 25	06 35 30	06 01 30		
09 36 55			08 31 40			09 27 30	10 36 10	09 34 35	09 01 30		
12 36 60						12 27 35	15 14 10	12 34 35	12 31 15		
15 36 60						18 26 30	20 18 15	15 33 30	15 28 15		
18 36 50						21 29 25	25 28 25	18 31 20	18 25 15		
21 36 55						24 29 20	30 25 30	21 28 30	21 27 20		
24 01 45						27 32 35		24 25 25	24 27 30		
						30 30 30		27 27 40	27 27 30		

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

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	1947	1946
	30.12	1216	1504
	29.12	1216	1504

STATION	Mean of day: Humidity % on 29th	Diff from normal	Wet bulb temp °C on 29th	Diff from normal
Alexandria	61	-4	13.9	+1.4
Ezbekîya	78	+9	12.0	+1.2
Gîza	87	+13	11.3	+0.7
Helwân	55	-3	11.4	+1.5

GÎZA — GRASS MINIMUM TEMP ON 30th 1.2 °C

CAIRO — WATER TEMP RIVER NILE AT 8h. ON .... °C

GAUGE	Date	Reading	Diff from normal	Previous day Reading	Previous day Diff. from normal
	1947	m.	m.	m.	m.
Jûba	30.12.1947				
Nâsser				10.00	+2.13
Malakâl		12.46	+0.66	12.47	+0.65
J. Aulia Res.					
J. Aulia D.S					
Roseires		13.08	+0.58	13.10	+0.57
Sennar Res.				20.70	
Khartûm				11.30	-0.04
Kh. el Girba					
'Atbara		10.94	+0.05	10.94	+0.04
Kajnarti					
Aswân Res.		120.72		120.64	
Aswân D.S		85.65	-0.54	85.65	-0.54
Roda (Cairo)		15.59	+0.54	15.68	+0.70

CYPRUS SYNOPTIC 8h ON 30th

34703 01990 06313 17110 60801 00060

34823 02862 12215 18070 46500 00050

UPPER AIR TEMP. ALMÂZA AT 14 G.M.T. ON 29th

HEIGHT FEET	P.P.P m.b.	TT °F	tt °F
Surface	1008	65	59
500	990	61	54
1000	972	59	52
1500	954	57	51
2000	937	54	49
4000	871	47	42
6000	808	50	36
8000	749	44	32
10000	693	38	26
12000	641	33	27
14000	592	26	23
16000	546	17	16

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD 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 6 h. 57 m.
Sunset 17 h. 03 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month DECEMBER 1947 — شهر ديسمبر ١٩٤٧

At 14h. on TUESDAY 30th — الساعة ١٤ يوم الثلاثاء ٣٠ ; At 20h. on 30th — الساعة ٢٠ يوم الثلاثاء ٣٠

	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	Humidity % UU	Rain 8-14h mms	20h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs. PPP	Temp. °C TTT	Humidity % UU	Rain 14-20h mms	Station Number
Mediterranean	SALÛM																							130
	MATRÛH	00	9	26	5	0	3	8	17.0	18.5	52	0	00	9	22	3	0	0	-	18.4	14.3	63	0	131
	MARIUT	01	7	24	4	0	3	8	17	18	56	0	00	7	26	3	0	1	8	18	17	68	0	150
	ALEXANDRIA	01	9	28	4	2	4	8	17.0	18.2	57	0	01	5	24	6	5	5	9	18.4	17.7	70	dw	132
	DAMIETTA	01	8	28	4	1	4	9	15.8	18.0	63	0	00	7	18	1	1	2	9	17.5	12.0	84	0	159
	PORT SA'ÎD	00	8	27	5	0	3	8,4	16	19	52	0	00	7	22	3	0	0	-	18	16	63	0	134
	EL 'ARÎSH	06	9	24	4	0	2	8	15.8	18.9	72	0												135
Lower Egypt	DAMANHÛR	00	7	28	5	1	3	8	17.5	18.2	52	0	00	6	28	3	1	3	8	18.0	13.0	80	0	136
	MANSÛRA	01	8	04	1	1	4	8	16.7	20.0	43	0	00	6	24	1	1	0	-	18.6	11.8	81	0	137
	TANTA	01	8	24	2	1	4	8	17.8	19.0	50	0	01	8	24	1	1	4	8	19.2	11.5	80	0	138
	ZAGAZIG	02	6	28	2	2	5	8	17.2	18.2	65	0	00	6	24	2	0	0	-	17.8	13.2	79	0	139
	SHEBÎN EL KÔM	01	8	28	3	1	3	8	17.6	20.8	37	0	00	7	30	2	1	0	-	18.8	13.0	68	0	—
Middle Egypt	CAIRO ALMÂZA	01	8	26	3	1	5	6	17.2	18.8	44	0	00	7	20	1	0	0	-	19.5	12.5	54	0	141
	CAIRO EZBEKÎYA	01	8	24	2	0	3	5	17.6	19.7	39	0	00	7	00	0	0	0	-	19.6	13.2	60	0	—
	CAIRO GÎZA	01	8	24	2	0	3	5		20.0	38	0	00	7	00	0	0	0	-	19.8	9.9	74	0	—
	HELWÂN	01	9	28	4	1	3	8	17.4	18.4	35	0	00	7	00	0	0	0	-	19.9	13.9	43	0	143
	SUEZ	01	9	28	2	1	5	4		20.4	45	0	00	9	24	1	0	0	-		15.0	49	0	144
Upper Egypt	FAIYÛM	01	8	30	3	1	4	6	18.0	19.5	26	0	00	8	00	0	0	0	-	19.9	12.0	68	0	153
	MINYA	01	9	01	3	1	3	8	18	19	37	0	00	7	00	0	0	3	1	19	10	62	0	154
	ASYÛT	00	8	30	2	0	0	-	18.2	18.8	47	0	00	6	22	1	0	0	-	19.2	12.3	59	0	155
	NAG' HAMÂDI	00	8	24	2	0	0	-	16.3	19.7	51	0	00	8	24	2	0	0	-	18.6	14.9	66	0	164
	QENA	01	9	24	2	1	4	3	16.2	22.4	35	0	01	6	24	2	1	4	3	17.5	16.4	59	0	156
	LUXOR	02	9	26	3	2	5	3	15.0	24.2	36	0	02	8	28	3	2	5	3	17.1	18.5	50	0	157
	ASWÂN	00	9	32	2	0	0	-	13.9	26.2	35	0	00	9	32	3	0	0	-	16.8	21.6	45	0	158
Western Desert	SÎWA	00	8	28	4	0	0	-	21.1	19.4	32	0	00	6	00	0	0	0	-	21.5	9.2	63	0	148
	BAHARÎYA	01	8	24	1	1	3	8	19.4	18.5	42	0	00	7	32	1	1	0	-	21.1	12.0	48	0	149
	KHÂRGA	02	6	32	2	1	5	3		20.0	39	0	00	8	32	1	0	0	-	20.2	15.1	40	0	151
	DAKHLA	02	9	32	2	2	5	5	18.2	19.4	41	0	01	8	30	1	1	3	5	20.8	14.3	34	0	152
Red Sea	TÔR	00	9	28	3	0	0	-	15.0	21.5	58	0	00	9	28	4	0	0	-	16.2	20.5	55	0	145
	HURGHÂDA	01	9	30	4	1	4	2	14	21	74	0	00	8	30	5	1	0	-	15	19	78	0	146
	QUSEIR	01	8	32	2	1	3	1	14.4	23.0	71	0	01	8	32	3	1	4	2	15.4	20.4	74	0	147
	PORT SÛDÂN	00	8	10	3	1	3	2,1	11	28	55	0												208
North Sûdân	WÂDI HALFA	01	8	32	3	1	3	2	14	26	32	0												165
	KAREIMA	01	8	23	2	1	4	2	10	32	28	0												166
	'ATBARA	02	8	32	2	1	7	2	7	33	26	0												167
	KHARTÛM	01	7	30	3	1	4	1	8	32	24	0												209
	KASSALA	00	8	04	3	0	1	8	4	37	17	0												170
Central Sûdân	WAD MEDANI	00	8	30	4	1	3	1	5	36	12	0												171
	RENK	00	9	04	4	0	0	-	6	33	36	0												182
	ROSEIRES	00	8	28	1	0	0	-	5	38	18	0												172
	EL OBEID	01	8	30	3	1	4	1	7	31	19	0												174
	EL FÂSHER	02	8	02	1	1	7	2	—	31	22	0								—				175
	GENEINA	02	8	32	2	1	6	2	—	31	17	0								—				179
	KADUGLI	00	8	04	3	0	0	-	7	34	19	0												187
S. Sûdân	MALAKÂL	00	8	04	4	0	3	1	5	36	12	0												176
	WÂU	02	8	06	3	1	5	2	4	37	17	0												177
	JUBA	01	8	02	2	1	4	2,4	4	37	27	0												1/3

At 8h. on WEDNESDAY 31st — الساعة ٨ يوم الأربعاء ٣١

	Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	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												—		—				
	MATRÛH	00	9	22	3	0	0	-	19.9	+1.3	10.4	19	0	8	-1	58	0	0	71
	MARIUT	01	7	22	2	1	3	8	20		14	18	—	12	—	88	tr	32	69
	ALEXANDRIA	02	9	20	2	2	5	8	19.8	+0.9	16.4	20	+1	14	+3	69	dw	67	96
	DAMIETTA	02	7	20	2	1	5	7	19.0	+1.0	11.7	19	—	7	—	93	1	15	39
	PORT SA'ÎD	00	7	22	3	0	2	6,4	20		13	20		12		77	0	11	31
	EL 'ARÎSH																	dw	33
Lower Egypt	DAMANHÛR	01	6	24	4	1	4	8	20.0	+1.4	11.0	21	+1	10	+2	77	0	15	36
	MANSÛRA	01	8	20	1	1	4	6	20.2	+1.6	10.2	20	0	8	0	87	0	18	15
	TANTA	50	4	00	0	1	8	7	20.4	+1.3	10.2	20	-1	7	0	82	0	4	13
	ZAGAZIG	01	6	24	2	1	4	8	21.4	+2.2	10.2	22	+2	8	+1	100	0	7	9
	SHEBÎN EL KÔM	00	7	30	2	0	0	-	20.7	+1.5	9.2	22	—	8	—	75	0	2	—
Middle Egypt	CAIRO ALMAZA	01	7	15	3	0	3	6	21.0	+1.6	11.9	20	—	10	—	59	0	1	—
	CAIRO EZBEKÎYA	01	7	12	1	0	3	5	21.4	+2.0	10.0	21	+1	10	+2	64	0	14	8
	CAIRO GÎZA	01	7	12	1	0	3	5	20.4	+1.0	10.1	22	+3	4	-2	88	0	19	9
	HELWÂN	05	6	12	1	0	3	6	22.2	+2.6	10.7	19	0	9	0	56	0	9	8
	SUEZ	01	9	02	1	1	4	3			10.6	22	+1	7	-3	68	0	5	8
Upper Egypt	FAIYÛM	01	8	00	0	1	4	6	21.6	+2.2	11.0	20	-1	6	-1	61	0	4	2
	MINYA	01	7	27	1	1	5	4	22		8	22		5		71	0	dw	—
	ASYÛT	01	7	22	1	1	5	6	22.2	+2.0	9.1	20	0	7	+1	63	0	0	3
	NAG' HAMÂDI	00	8	24	1	0	0	-	21.0	+1.3	10.6	21	—	10	—	65	0	0	—
	QENA	01	7	24	2	1	3	1	21.5	+2.5	13.0	24	+1	9	+2	55	0	5	—
	LUXOR	01	9	06	2	1	4	2	20.6	+1.4	12.5	27	+3	11	+5	60	0	0	—
	ASWÂN	01	9	32	3	1	4	1	19.5	+0.5	13.6	27	+3	12	+1	42	0	0	—
Western Desert	SÎWA	00	7	00	0	0	0	-	22.0	+1.3	3.9	20	0	2	-2	69	0	dw	4
	BAHARÎYA	01	8	00	0	0	3	4	21.9	+1.7	10.3	19	-1	5	0	65	0	dw	4
	KHÂRGA	01	8	32	2	1	5	3	22.2	+2.9	12.0	21	-2	8	+1	51	0	0	—
	DÂKHLA	02	8	00	0	2	5	6	22.3	+1.7	7.8	20	-2	5	0	59	0	0	—
Red Sea	TÔR	02	8	04	2	2	5	1	17.8	-0.2	17.3	23	+2	15	+6	31	0	0	6
	HURGHÂDA	01	9	26	3	0	4	2	19		16	21		12		48	0	1	3
	QUSEIR	01	8	28	4	1	4	2	18.3	+0.7	18.0	25	+2	16	+1	49	0	0	4
	PORT SÛDÂN	02	6	32	3	1	4	1			21					74	0	228	84
North Sûdân	WÂDI HALFA	00	8	31	3	0	1	1	19		13					41	0	0	—
	KAREIMA	02	8	04	1	1	5	2	16		12					63	0	0	1
	'ATBARA	01	8	04	2	1	4	1			16					77	0	dw	2
	KHARTÛM	01	7	32	2	1	4	1									0	dw	4
	KASSALA	00	9	00	0	0	0	-	12		21					57	0	dw	8
Central Sûdân	WAD MEDANI																0	7	12
	RENK												—		—		—	—	49
	ROSEIRES																0	33	36
	EL OBEID																0	1	16
	EL FÂSHER								—	—							0	0	6
	GENEINA								—	—			—		—		—	—	4
	KADUGLI												—		—		—	—	89
S. Sûdân	MALAKÂL																0	53	88
	WÂU																0	48	143
	JUBA																0	49	143

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	ALMÂZA h. m.	MINYA h. m.	LUXOR h. m.	HURGHÂDA h. m.	WÂDI HALFA 13 h. m.	KAREIMA 13 h. 15 m.	KHARTÛM 12 h. m.	KASSALA 12 h. m.	EL OBEID 13 h. m.	MALAKAL 12 h. m.	JUBA 13 h. m.
							09 35 25	06 34 25	06 01 20	06 02 10	06 02 15	06 06 15	06 02 10
							15 22 10	09 34 20	09 35 15	09 03 15	09 02 30	09 05 10	09 04 15
							21 19 15	15 34 20	15 34 20	15 36 15	15 01 35	15 04 35	15 02 15
							24 30 30	21 33 05	21 32 25	21 31 10	21 34 20	21 05 35	21 02 15
							30 29 30	24 36 25	24 31 45	24 29 25	24 33 02	24 05 25	24 05 15
							33 27 30	30 35 10	30 32 50	30 29 20	30 34 10	30 02 35	30 05 15
							39 27 30		33 32 50	33 34 15	33 26 10		33 06 15
							45 23 40		39 24 40	39 21 25	39 23 15		39 05 15
							60 23 25			45 22 25	45 [illegible] 15		45 09 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 30th	Diff from normal	Wet Bulb Temp °C on 30th	Diff from normal
Alexandria	56	-10	13.2	+0.7
Ezbekiya	67	-2	10.5	-0.3
Giza	77	+3	9.8	-0.8
Helwân	61	+3	9.5	-0.4

GÎZA — GRASS MINIMUM TEMP. ON 31st 3.5 °C

CAIRO — WATER TEMP. RIVER NILE AT 8h. ON ... °C

Discharges at Aswân measured by sluices m³ per sec. DATE	1947	1946
31.12	1216	1504
30.12	1216	1504

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31.12.1947	13.53	+0.09	13.54	+0.11
Nâsser				9.94	+2.15
Malakâl		12.46	+0.68	12.44	+0.66
J. Aulia Res.		377.16		377.21	
J. Aulia D.S		372.15	+0.00	372.15	-0.01
Roseires		13.04	+0.57	13.08	+0.52
Sennar Res.		20.70		20.70	
Khartûm		11.23	-0.06	11.26	-0.06
Kh. el Girba					
'Atbara		10.93	+0.05	10.94	+0.05
Kajnarti		124.03	-0.23	124.07	-0.21
Aswân Res.		120.73		120.72	
Aswân D.S		85.65	-0.54	85.65	-0.54
Roda (Cairo)		15.40	+0.45	15.50	+0.54

Printed by the Survey of Egypt, 1945 (45/306)

UPPER WINDS ON 31st — الرياح العليا يوم ٣١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

MATRÛH h. m.	MARIUT h. m.	PORT SA'ÎD h. m.	HELWÂN 9 h. m.	[illegible] 7 h. m.	ASYÛT 7 h. m.	[illegible] 8 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. 15 m.	[illegible] 8 h. m.	KAREIMA h. m.	KHARTÛM h. m.
			02 15 10	03 31 20	02 34 15	03 35 20	02 36 30	03 01 35	03 36 40		
			05 22 15	06 32 25	05 35 40	06 36 20	05 01 40	06 05 35	06 01 50		
			08 31 20	09 33 20	10 01 40	09 28 30	10 02 15	15 02 05	09 30 50		
			10 32 20	12 33 20	15 36 40	12 28 30	15 01 10	21 25 05	12 30 25		
			15 32 15	15 33 15	20 36 20	15 27 25		24 27 05	15 20 30		
			20 36 15	18 35 25		18 23 15		30 27 30	18 20 40		
			23 32 10	21 35 25		21 25 15		33 27 40	24 36 15		
			25 32 15	24 34 20		24 30 15		39 25 50	27 34 15		
			30 31 25	27 33 20		27 31 15		45 25 55			

KASSALA h. m.	PORT SÛDÂN h. m.	EL OBEID h. m.	EL FÂSHER h. m.	GENEINA h. m.	MALAKAL h. m.

CYPRUS SYNOPTIC 8h ON 31st

34700 00190 20160 18080 60308 01074
24854 00062 16212 21070 70212 00671

UPPER AIR TEMP. ALMÂZA AT 14 G.M.T. ON 30th

HEIGHT feet	P.P.P m.b.	TT °F	tt °F
Surface	1008	65	55
500	990	62	52
1000	972	60	49
1500	954	57	47
2000	937	55	46
4000	871	45	39
6000	808	36	31
8000	749	36	30
10000	693	29	25
12000	641	24	21
14000	592	11	15
16000	546	8	7

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 or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour .. 20-29
- Slight Thunderstorm .. 28
- Heavy Thunderstorm .. 29
- Duststorm 30-34
- Fog or Thick Haze .. 40-49
- Mod. Fog in last hour .. 41
- Thick ,, ,, ,, ,, .. 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow .. 83, 84
- ,, of Sleet .. 85, 86
- ,, of Hail .. 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain .. 91
- ,, with Hail 94-96
- ,, with Duststorm .. 98
- ,, heavy, with Hail .. 99

PAST WEATHER (W)

- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm .. 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)

Objects not visible at

- 50 metres 0
- 200 ,, ... 1
- 500 ,, ... 2
- 1 Kilometre 3
- 2 ,, ... 4
- 4 ,, ... 5
- 10 ,, ... 6
- 20 ,, ... 7
- 50 ,, ... 8
- Visible over 50 kms. 9

CLOUD 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 33
Sunset h. m. 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month ~~December~~ November 1947 — شهر ديسمبر ١٩٤٧

1417 F.C.

At 14h. on Sunday 30-11 (الساعة ١٤ يوم ٣٠-١١) — At 20h. on 30-11 (الساعة ٢٠ يوم الأحد ٣٠-١١)

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	02	9		1	1	5	3	18.8	21.3	64	0	02	8	00	0	1	6	6	16.6	17.7	83	0	131
	Mariut	04	7	02	2	2	6	6,1	18	22	74	0	00	7	01	1	0	0	–	18	18	88	0	150
	Alexandria	03	9	06	3	2	5	6	17.8	24.8	69	0	01	5	06	2	2	4	4	18.3	20.0	81	0	132
	Damietta	02	8	06	3	2	5	0	16.4	23.0	62	0	01	7	02	1	1	3	2	16.8	19.2	89	0	159
	Port Sa'îd	01	8	06	3	0	5	2	16	21	74	0	00	7	02	2	0	3	2	17	20	83	0	134
	El 'Arîsh																							135
Lower Egypt	Damanhûr	01	7	04	4	1	4	8	17.2	22.8	49	0	01	6	32	2	1	2	4	17.9	18.0	73	0	136
	Mansûra	01	8	04	1	1	4	4	16.2	25.8	63	0	00	6	04	2	1	0	–	17.8	18.0	86	0	137
	Tanta	02	8	32	3	1	5	8	16.8	25.0	61	0	01	8	00	0	1	4	8	17.6	17.0	97	0	138
	Zagazig	01	6	33	2	1	4	8	15.9	26.2	44	0	00	6	33	2	0	0	–	17.4	16.4	76	0	139
	Shebîn el Kôm	01	8	04	3	1	4	8	16.3	26.2	59	0	01	8	02	2	1	4	8	16.8	15.3	67	0	—
Middle Egypt	Cairo Almâza	01	8	32	2	0	4	8,3	16.1	25.6	58	0	00	7	04	1	0	0	–	16.9	20.0	79	0	141
	Cairo Ezbekîya	01	8	02	2	1	3	8	16.0	25.3	63	0	00	7	02	2	0	0	–	16.7	19.1	81	0	—
	Cairo Gîza	01	8	02	3	1	3	8	16.0	25.1	62	0	00	7	02	2	0	0	–	17.1	18.7	84	0	—
	Helwân	04	8	00	0	1	4	1	15.5	25.6	43	0	00	7	02	2	0	0	–	17.0	20.5	63	0	143
	Suez	01	9	02	1	1	4	1		25.8	41	0												144
Upper Egypt	Faiyûm	01	8	02	3	1	4	2	15.0	26.0	45	0	00	8	32	1	0	0	–	16.3	20.2	74	0	153
	Minya																							154
	Asyût	00	8	32	1	1	0	–	15.0	28.1	63	0	00	6	32	0	0	0	–	15.9	18.3	87	0	155
	Nag Hamâdi	00	8	34	1	0	0	–	13.5	27.8	49	0	00	8	00	0	0	0	–	14.6	19.8	77	0	164
	Qena	00	9	34	1	0	0	–	12.8	27.0	49	0	01	6	34	2	0	4		12.6	22.3	65	0	156
	Luxor	00	9	30	2	0	0	–	13.1	31.0	32	0	04	8	03	2	1	2	1	13.9	22.5	58	0	157
	Aswân	01	9	32	1	1	3	4	11.2	30.0	33	0	00	9	32	2	0	0	–	13.1	26.0	36	0	158
Western Desert	Sîwa	00	8	00	0	0	0	–	16.3	24.6	62	0	00		00	0	0	0	–	18.7	16.3	60	0	148
	Baharîya	01	8	32	2	1	3	6	16.0	25.0	51	0	01	7	02	1	0	3	6	16.6	19.3	70	0	149
	Khârga	00	9	02	1	0	0	–		25.3	46	0	00	7	00	0	0	0	–		21.7	63	0	151
	Dakhla	01	9	28	1	1	3	1	14.3	25.3	69	0	00	8	28	1	0	0	–	14.7	20.7	35	0	152
Red Sea	Tôr	00	9	32	2	0	0	–	15.6	26.5	66	0												145
	Hurghâda	00	9	00	0	0	0	–	15	26	70	0	00	8	00	0	0	0	–	14	22?	82?	0	146
	Quseir	00	8	02	2	0	2	3	13.8	26.0	85	0	00	8	02	2	0	0	–	14.4	23.0	76	0	147
	Port Sûdân	81	8	04	4	3	4	8	8	27	70	R												208
North Sûdân	Wâdi Halfa	00	7	02	4	0	1	8	10	29	21													165
	Kareima	00	8	04	3	0	2	8	7	31	26													166
	'Atbara	01	7	32	2	0	4	8	5	32	24													167
	Khartûm	00	8	30	3	0	0	–	6	34	26													209
	Kassala	00	8	02	2	0	0	–	3	34	27													170
Central Sûdân	Wad Medani	00	8	32	4	0	0	–	5	33	26													171
	Renk																							182
	Roseires	00	8	28	2	0	0	–	5	33	26													172
	El Obeid	00	8	30	3	0	0	–	5	31	16													174
	El Fâsher	00	8	04	2	0	0	–	—	29	18									—				175
	Geneina	00	8	02	3	0	1	2	—	31	10									—				179
	Kadugli	00	8	28	3	0	0	–	6	30	20													187
S. Sûdân	Malakâl	00	8	04	1	2	1	8	5	34	22													176
	Wâu																							177
	Juba	02	8	30	2	1	8	8,2	3	35	26													173

At 8h. on Monday 1-12 (الساعة ٨ يوم الاثنين ١)

Region	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.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm.	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Norm from Oct 1 mms
Mediterranean	Salûm												—		—				21
	Matrûh	50	8	24	2	5	8	5	19.2	+1.2	17.0	24	+3	16	+3	90	dr	—	23
	Mariut	48	9	08	1	1	6	8,3	19		20	25	—	17	—	88	0	25	35
	Alexandria	08	9	06	2	2	5	4	19.2	+0.8	20.8	24	+1	17	+4	75	0	62	60
	Damietta	47	3	32	1	0	0	–	18.3	+0.9	19.0	24	—	16	—	98	0	10	21
	Port Sa'îd	00	7	28	1	0	2	4	18		20	23		17		88	0	6	15
	El 'Arîsh																	dr	17
Lower Egypt	Damanhûr	01	6	28	2	1	5	3	18.7	+0.2	17.3	24	+1	15	+3	97	0	15	16
	Mansûra	48	2	00	1	4	0	–	19.1	+1.1	16.0	27	+3	13	+1	98	0	8	9
	Tanta	42	5	00	0	1	2	7	19.1	+0.5	16.6	26	+2	15	+2	98	0	1	2
	Zagazig	48	2	32	2	0	0	–	18.2	+0.3	14.8	28	+0	8	0	100	0	2	7
	Shebîn el Kôm	49	7	08	1	0	2	8	18.3	-0.1	15.6	28	—	10	—	100	0	1	—
Middle Egypt	Cairo Almaza	44	1	32	1	4	9	–	19		14	26	—	8	—	95	dr	2	—
	Cairo Ezbekîya	47	3	00	0	4	9	–	19.2	+1.0	14.9	27	+3	13	+1	96	dr	[illegible]	4
	Cairo Gîza	47	3	00	0	4	9	–	19.6	+1.3	14.7	26	+3	12	+2	98	dr	19	6
	Helwân	09	6	30	1	1	0	6	18.5	+0.7	14.0	26	+3	12	0	95	0	9	4
	Suez	00	9	02	1	0	0	–			16.4	27	+3	14	+1	81	0	2	6
Upper Egypt	Faiyûm	02	8	32	3	2	8	7	18.8	+0.2	16.8	26	+2	13	+3	90	0	4	0
	Minya																	0	—
	Asyût																	0	2
	Nag Hamâdi	00	8	00	0	0	0	–	17.8	+0.8	17.3		—		—	81	0	0	—
	Qena	00	7	32	2	8	0	–	18.1	-0.7	17.2	28	+1	13	+2	57	0	0	—
	Luxor	00	9	16	1	0	0	–	16.6	-0.7	20.8	32	+0	12	+2	61	0	0	—
	Aswân	00	9	00	0	0	0	–	17.0	-0.4	19.8	31	+3	16	+2	63	0	0	—
Western Desert	Sîwa	02	7	02	3	2	2	9	19.6	[illegible]	17.0	25	+1	12	+5	80	dr	dr	1
	Baharîya	03	7	02	3	2	2	8	19.6	+0.3	16.2	25	+1	14	+5	99	0	dr	2
	Khârga	00	9	00	0	0	0	–			16.9	29	+1	13	+3	79	0	0	—
	Dâkhla	00	8	28	1	0	0	–	18.2	-0.7	16.0	27	+2	13	+3	83	0	0	—
Red Sea	Tôr	00	7	04	1	0	0	–	15.9	-0.8	16.9			14	+2	69	0	0	4
	Hurghâda	00	9	16	1	0	0	–	16		20	25		15		83	0	0	2
	Quseir	00	8	26	2	0	2	3	18.6	-1.0	22.2	27	+1	19	+1	48	0	0	3
	Port Sûdân	00	8	30	2	1	2	20	12		25			21		70	10	165	58
North Sûdân	Wâdi Halfa																0	0	—
	Kareima																0	0	1
	'Atbara																0	dr	2
	Khartûm	00	8	04	2	0	0	–	11		30			24		38	0	dr	4
	Kassala																0	dr	8
Central Sûdân	Wad Medani	00	7	32	4	0	0	–	9		30					45	0	7	12
	Renk	00	9	32	3	0	0	–	8		28	—			—	45	—	—	49
	Roseires	00	8	28	1	0	0	–	10		19					60	0	23	26
	El Obeid																0	1	16
	El Fâsher								—	—							0	0	4
	Geneina	00	8	02	2	0	1	2	—	—	19		—	8	—	81	—	—	4
	Kadugli	00	8	04	2	0	0	–	11		26		—		—	32	—	—	29
S. Sûdân	Malakâl																0	52	87
	Wâu																0	48	142
	Juba	00	8	00	0	1	6	4	9		27			22		98	0	25	125

Upper Winds on 30th Nov (الرياح العليا يوم ٣٠-١١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matrûh h. m.	Mariut h. m.	Port Sa'îd h. m.	Almâza h. m.	Minya h. m.	Luxor h. m.	Hurghâda h. m.	Wâdi Halfa 7h. 15m.	Kareima 12h. m.	Khartûm h. m.	Kassala 12h. m.	El Obeid 12h. m.	Malakal 12h. m.	Juba h. m.
							03 02 05	03 03 15		06 29 16	06 36 08	06 06 10	06 03 30
							06 03 24	06 03 14		09 29 15	09 36 14	09 03 09	09 04 18
							09 03 24	09 03 16		15 30 08	15 30 16	15 06 20	15 05 18
							15 03 34	15 03 15		21 33 30	21 31 08	21 03 30	21 08 30
							21 04 40	21 04 35		24 33 32	24 31 08	24 03 30	24 08 15
							30 04 30	30 35 25		30 27 32	27 30 40	30 05 40	30 05 16
							33 36 40	33 36 16		33 30 28	30 24 30	33 06 40	33 07 15
							39 36 35	39 36 25		39 29 40	33 36 15		39 08 15
							45 33 30	45 33 20		45 29 30	45 03 40		45 01 05

Upper Winds on 1st (الرياح العليا يوم ١)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

Matrûh 7h. m.	Mariut h. m.	Port Sa'îd h. m.	Helwân 8h. m.	~~Minya~~ 7h. m.	Asyût h. m.	Luxor 7h. m.	Aswân 7h. m.	Wâdi Halfa 7h. m.	Abu Hamad h. m.	Kareima 7h. m.	Khartûm h. m.
03 36 15			00 30 40	00 32 08		03 30 35	00 00 00	03 04 30		03 07 30	
06 06 24			03 36 24			06 30 35	03 03 30	06 05 35		06 06 52	
09 03 24			09 06 15			09 35 30	06 06 30	09 05 40		09 05 30	
			Bal. ol			12 35 30	09 08 35	15 05 35		15 05 20	
							12 09 30	21 05 35		21 03 65	
								30 02 50		30 05 30	
								39 36 40		30 03 30	
								45 36 90			

Kassala 6h. m.	Port Sûdân 7h. m.	El Obeid 7h. m.	El Fâsher h. m.	Geneina h. m.	Malakal h. m.
03 05 05	03 03 30	06 36 00			
15 03 05	06 03 42	09 03 30			
18 02 24	09 05 30	15 06 30			
30 30 25	15 12 30	21 12 05			
30 33 30	21 12 30	27 36 05			
	24 11 20	27 01 05			
	30 07 30	30 02 05			
	33 02 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	1947	1946
	1-12		
	30-11	1736	2141

Station	Mean of day: Humidity % on 30-11	Diff from normal	Wet bulb temp °C on 30-11	Diff from normal
Alexandria	74	+9	18.0	+3.3
Ezbekiya	82	+13	18.4	+5.0
Gîza	81	+9	17.9	+4.4
Helwân	73	+16	17	+4.3

GÎZA — Grass minimum temp. on 1-12: 9.7°c

CAIRO — Water temp. River Nile at 8h. on .... °c

Gauge	Date 1947	Reading m.	Diff from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba					
Nâsser					
Malakâl				12.06	+0.19
J. Aulia Res.					
J. Aulia D.S	12				
Roseires				14.06	+0.62
Sennar Res.					
Khartûm				11.54	-0.26
Kh. el Girba	1				
'Atbara				11.12	-0.07
Kajnarti					
Aswân Res.				120.95	—
Aswân D.S				86.03	-0.32
Roda (Cairo)				16.21	+0.09

Upper Air Temp. Almâza at G.M.T. on	P.P.P m.b.	TT °F	tt °F
Height (feet) Surface			
500			
1000			
1500			
2000			
4000			
6000			
8000			
10000			
12000			
14000			
16000			

CYPRUS SYNOPTIC 8h. ON ....

PRESENT WEATHER ww
Clear 00; Partly cloudy 01; Cloudy 02; Overcast 03; Low Fog 04; Thin Haze 05; Dust Devils 06; Distant Lightning 07; Light Mist or Haze 08; Distant Fog 09; Rain in sight 10; Thunder, no rain 11; Distant Duststorm 12; Squally 14; Slight Duststorm 18; Rain in past hour 20-29; Slight Thunderstorm 28; Heavy Thunderstorm 29; Duststorm 30-34; Fog or Thick Haze 40-49; Mod. Fog in last hour 41; Thick ,, ,, ,, ,, 42; Fog in patches 49; Drizzle 50-59; Rain 60-69; Rain and Fog 67; Rain and Snow 68, 69; Snow 70-79; Showers 80-89; ,, of Snow 83, 84; ,, of Sleet 85, 86; ,, of Hail 88, 89; Thunderstorm 90-99; ,, ended, now Rain 91; ,, with Hail 94-96; ,, with Duststorm 98; ,, heavy, with Hail 99

PAST WEATHER (W)
Clear, slight cloud 0; Variable sky 1; Mainly overcast 2; Sandstorm, Duststorm 3; Fog, thick dust haze 4; Drizzle 5; Rain 6; Snow, sleet 7; Showers 8; Thunderstorm 9

VISIBILITY (V)
Objects not visible at 50 metres 0; 200 ,, 1; 500 ,, 2; 1 Kilometre 3; 2 ,, 4; 4 ,, 5; 10 ,, 6; 20 ,, 7; 50 ,, 8; Visible over 50 kms. 9

CLOUD 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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