CAIRO
Time of sunrise h. 06 m. 52
sunset h. 17 m. 06

Month January 1937 ١٩٣٧ يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

QC 991 .E3 D3 1937 (Jan-Jun)

DAILY WEATHER REPORT ١٩٣٧-١-١

Station	At 14h. on 31-12-36 (الساعة ١٤ يوم ٣١-١٢-١٩٣٦) Barometric Pressure Reduced to M.S.L.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Friday 1-1-37 (الساعة ٨ يوم الجمعة ١) Bar. Pressure to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
[redacted]		ENE	3	13.2	69	4	4	1032.8	+14.5	NNE	3	12.0	16	—	10	—	61	—	1	5	Cu	6	—	26	
		N	4	15.0	68	1	6	1031.5	+12.9	S	2	9.0	16	-2	9	+1	91	+13	4	6	Sc	6	2	93	87
	4	ESE	4	16.9	62	2	9	1032.3	+13.4	SE	2	10.0	20	+1	9	-2	66	-9	2	9	Cu	0	0	96	99
								1031.6	—	NNE	1	11.8	16	—	10	—	69	—	4	—	—	—	dr	29	44
	.1	NE	5	16.8	62	2	8	—	—	ENE	5	12.6	18	-1	11	0	67	-10	4	7	Cu	5	dr	20	32
	.2	NNE	3	13.0	55	2	6	1031.6	—	SSE	1	7.8	16	—	5	—	78	—	1	6	Cu	0	0	—	—
								1032.2	+13.5	E	2	8.0	17	-4	5	-3	76	-10	1	6	—	5	tr	23	42
								1031.8	—	N	1	11.5	19	-2	9	+1	64	-19	2	4	—	5	dr	9	15
								1032.3	+13.1	—	0	8.0	18	-2	3	-4	72	-12	6	6	—	6	3	14	13
								1031.6	—	NE	1	8.8	18	-3	5	-2	80	-3	3	6	—	—	dr	6	7
								1030.8	—	NNE	1	6.9	17	—	2	—	80	—	3	7	Sc	6	1	—	—
	1027.4	NNW	4	15.8	60	3	—	1031.5	+12.3	N	1	7.2	17	-3	5	-3	87	+7	3	—	Ac	5	dr	5	11
	1027.4	NNW	1	17.1	60	3	—	1031.8	+12.2	N	1	5.7	19	0	2	-4	91	+7	3	4	&	4	dr	9	9
	1027.5	NNW	2	16.9	53	2	6	1031.0	+11.4	NE	2	8.2	17	-2	4	-4	58	-10	2	5	Cu	5	dr	10	9
								1031.0	+12.2	NW	2	9.0	17	-3	6	-4	61	-15	0	—	—	—	0	7	15
								1031.0	+11.6	NNE	1	7.9	20	-1	4	-3	72	-5	1	6	—	1	0	4	6
								1030.6	+10.4	N	2	7.6	18	-2	4	-3	80	0	0	5	—	—	0	6	—
	1026.4	NNW	3	17.2	59	0	7	1029.8	+9.6	WSW	3	6.5	19	-1	3	-3	90	+18	0	6	—	0	0	0	4
								1027.6	+8.4	NNW	1	8.5	21	-2	5	-3	77	+11	0	6	—	—	0	dr	—
								1027.0	—	ESE	1	7.2	21	—	3	—	42	—	0	6	—	0	0	dr	—
	1023.5	NNW	2	22.0	26	0	6	1026.4	+7.3	N	1	10.2	20	-4	6	-4	64	+10	0	6	0?	0	0	1	—
	1021.4	N	1	18.8	51	2	6	1030.8	+14.9	—	0	8.9	20	+1	2	-2	63	-7	0	6	0?	0	0	25	3
	1022.9	N	2	16.1	65	1	7	1031.1	—	—	0	9.6	17	—	4	—	70	—	0	9	—	1	0	17	—
	1026.4	N	3	16.8	64	0	9	1029.2	+9.7	N	2	11.4	17	-6	6	-1	83	+20	0	9	—	0	0	0	0
DÂKHLA	1028.3	NNW	2	16.0	52	0	9	1029.9	+9.6	—	0	7.5	17	-5	4	-1	72	+17	0	9	—	—	0	dr	—
RED SEA: TÔR								1029.4	+11.2	N	3	12.0	19	-2	7	-2	43	-16	0	6	—	1	0	3	9
HURGHÂDA								1029.4	+11.2	WNW	4	13.5	19	-3	9	-2	56	-2	0	6	—	1	0	dr	0
QUSEIR								1026.4	+8.7	NNW	4	14.2	22	-1	14	-1	98	+48	4	7	—	5	tr	tr	7
PORT SUDAN								1018.4	+3.0	NW	5	22.2	22	-5	16	-4	58	-9	0	—	—	—	0	17	91
NORTH SUDAN: WÂDI HALFA								1026.7	+6.5	N	2	8.2	20	-4	6	-2	86	+34	0	8	—	0	—	—	—
KAREIMA								1021.9	+5.1	NNE	3	12.7	23	-7	9	-4	37	-1	0	8	—	0	0	dr	T
ATBARA								1021.2	+5.3	N	5	14.8	25	-6	10	-4	54	+17	0	—	—	—	0	5	1
KHARTÛM								1019.1	+4.9	N	5	14.6	27	-5	11	-4	41	+5	0	8	—	0	0	4	5
KASSALA								1012.3	-0.3	ENE	3	19.6	29	-5	15	-1	63	+2	0	9	—	—	0	0	11
CENTRAL SUDAN: WAD MEDANI								1016.[illegible]	+2.6	NW	4	16.2	28	-6	11	-4	42	+3	0	—	—		0	56	13
DUEIM								—	—	NW	4	20.2	27	-7	13	-1	20	-14	0	—	—		0	21	12
RENK																									
ROSEIRES								1014.4	+2.6	WNW	2	18.4	35	-7	15	-7	36	-9	0	—	—	.	0	3	37
EL OBEID								1019.7	+3.2	NNW	3	12.0	23	-8	8	-3	58	+22	0	8	—	0	0	23	19
EL FÂSHER								1023.4	+9.2	NW	2	8.0	26	-5	5	-5	34	-1	0	—	—		0	0	8
SOUTH SUDAN: MALAKÂL								1014.7	+3.2	NNE	4	20.1	31	-4	16	-1	38	+10	2	6	—	1	0	81	93
WÂU								1015.0	+3.7	N	3	18.8	31	-4	15	-2	27	-24	0	—	—		0	180	146
JÛBA																									

Upper Wind Observations on 1-1-1937 ارصاد الرياح العليا يوم ١-١-١٩٣٧

Height (m.)	[illegible] 07 h. 00 m. Dir. E. of N.	Kms. per hour	Aboukir 07 h. 00 m. R.A.F. Dir. E. of N.	Kms. per hour	Heliopolis R.A.F. 07 h. 00 m. Dir. E. of N.	Kms. per hour	Almaza 07 h. 00 m. Dir. E. of N.	Kms. per hour	Wadi Halfa 06 h. 00 m. Dir. E. of N.	Kms. per hour	Khartum 06 h. 00 m. Dir. E. of N.	Kms. per hour	Malakal 07 h. 00 m. Dir. E. of N.	Kms. per hour	Juba 11 h. 30 m. Dir. E. of N.	Kms. per hour	Geneina 07 h. 15 m. Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour	Salum 31-12 13 h. 00 m. Dir. E. of N.	Kms. per hour
	50	27	70	29	40	31	50	32	50	43	10	58	30	66	90	6	—	—									70	16
1000	70	29	60	39	50	34	40	37	40	47	30	69	30	72	20	13	30	43									50	32
1500			70	45			Ent Sc.		20	47	20	37			50	11	80	58									40	30
2000									10	31	20	18			50	24	30	[illegible]										
											310	11																

[redacted]

Station				
Alexandria	53	-12	[illegible]	
Ezbekiya	61	-10	9.9	-0.9
Giza	64	-11	10.7	-0.1
Helwân	64	+4	9.5	+0.1

Giza Grass minimum cm 0.0 °c

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Discharges at Aswân measured by sluices m.³ per sec.

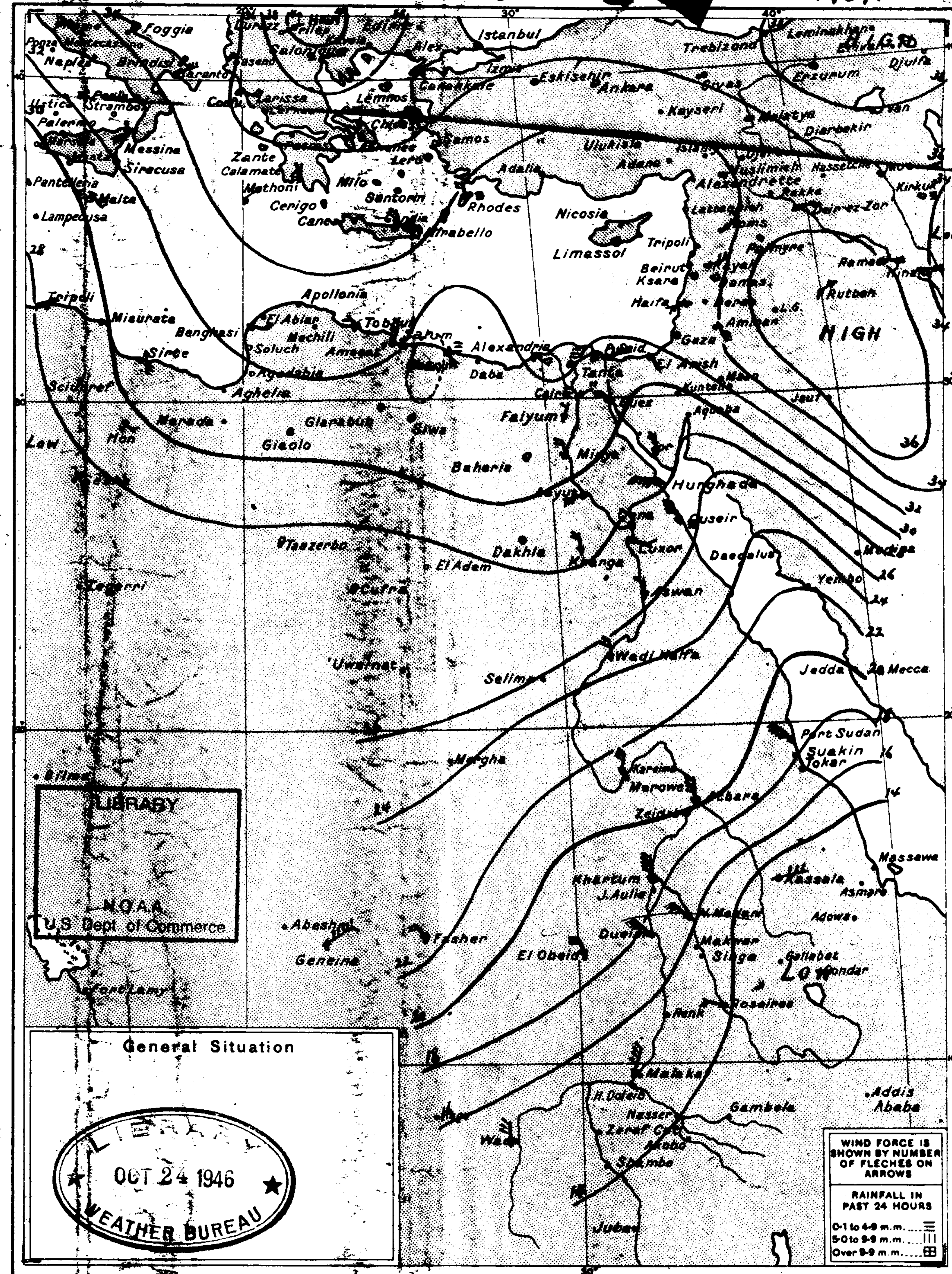
DATE	1937	1936
1-1-37	1098	[illegible]
31-12-36	1100	[illegible]

Station	Date				
[illegible]	1.1	[illegible]	-0.11	[illegible]	
Nasser	31.12	6.22	[illegible]	[illegible]	
Malakâl	1.1	10.98	-0.76	[illegible]	
Roseires	1.1	12.02	+0.39	12.24	
Sennâr Res.	1.1	20.68	—	20.69	—
Khartûm	1.1	11.11	-0.16	11.12	-0.19
Kh. el Girba					
Atbara	1.1	7.67	-0.20	[illegible]	-0.11
Kainarti	1.1	[illegible]	-0.22	[illegible]	-0.21
Wâdi Halfa					
Aswân Res.	1.1	[illegible]	—	[illegible]	—
D. S.	1.1	[illegible]	-0.19	[illegible]	[illegible]
Leisi	1.1	[illegible]	[illegible]	[illegible]	[illegible]
Roda (Cairo)	1.1	[illegible]	[illegible]	[illegible]	[illegible]

70306

Printed by Government of Egypt 1936. [illegible]

Pressure and Wind at 8h. 1-1-1937.



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General Situation

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WEATHER BUREAU

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

V[redacted]

Object[redacted]

50 metr[redacted]	
200 ,, [redacted]	
500 ,, [redacted]	
1 Kilometre	[redacted]
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

STATION	At 8h. on 31-12-1936 (الساعة ٨ يوم ٣١-١٢-١٩٣٦) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum To day °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.		مرصد
Salum	1031.5	+13.3	NNW	3	10.7	15	—	6	—	83	—	4	4	Cb	5	6.	54	—		السلوم
Juba	[illegible]	+1.2	NW	2	23.[illegible]	34	-3	18	-2	38	-22	2	9		—	0	131	141		جوبا
Limassol	1031	+1.3	ENE	4	7	—	—	—	—	—	—	—	—		—	0	—	198		ليماسول
Haifa	[illegible]	+14.4	WSW	2	8.5	16	-3	5	-4	71	+3	3	—		—	5	326	302		حيفا
Gaza	[illegible]	+11.0	—	0	9.9	16	-3	7	-1	88	+13	3	6		5	20	216	171		غزة

Remarks

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

CAIRO
Time of sunrise 06 h. 52 m.
sunset 17 h. 07 m.

Month JANUARY 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Region	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
		At 14h. on 1-1-37 الساعة ١٤ يوم ١٩٣٧/١/١							At 8h. on Saturday 2nd الساعة ٨ يوم السبت ٢																	
MEDITERRANEAN	SALÛM	1030.2	N	4	13.8	66	4	5	1028.7	+10.3	WSW	3	11.2	14	—	10	—	68	—	3	5	Sc	5	dr	56	—
	MATRÛH	1029.4	SSE	2	14.9	70	4	6	1027.4	+8.8	SSW	1	9.6	15	-3	8	0	82	+4	4	6	Sc	2	0	93	70
	DIKHEILA	1029.9	ENE	5	17.0	47	3	9																		
	ALEXANDRIA	1029.1	NE	5	15.3	60	2	7	1028.4	+9.5	SE	1	12.0	18	-1	10	-1	65	-10	3	8	Cu	1	0	96	101
	DAMIETTA								1027.6	—	NE	2	12.0	17	—	10	—	65	—	0	—	—	—	0	29	45
	PORT SAÏD								1027.6	+10.2	SSE	2	11.5	17	-2	8	-3	64	-13	0	7	—	0	0	20	33
	EL ʿARÎSH	1029.2	ENE	1	12.0	57	0	6	1027.9	—	ESE	1	5.0	14	—	2	—	84	—	0	6	—	0	0	—	—
[illegible] EGYPT	DAMANHÛR								1028.3	+9.6	ENE	1	7.8	16	-5	6	-2	76	-10	1	5	—	1	0	23	43
	MANSÛRA								1027.5	—	NNE	1	7.0	17	-4	5	-3	84	+1	1	6	—	1	0	9	16
	TANTA								1027.9	+8.6	—	0	7.0	16	-4	2	-5	85	+1	0	7	—	2	0	14	14
	ZAGÂZÎG								1028.2	—	NNW	1	6.8	15	-6	2	-5	82	-1	0	8	—	—	0	6	7
MIDDLE EGYPT	ALMÂZA								1026.6	—	E	1	7.8	15	—	2	—	68	—	3	7	Ci	1	0	—	—
	EZBEKÎYA	1028.3	NE	2	15.9	47	0	—	1027.4	+8.2	—	0	4.4	17	-3	3	-5	90	+10	3	4	Ci	1	0	5	11
	GÎZA	1025.6	NE	2	15.2	45	1	6	1027.5	+7.9	NE	1	4.0	16	-3	1	-5	87	+3	1	5	Ci	1	0	9	9
	HELWÂN	1028.2	NNE	5	14.4	36	0	9	1026.8	+7.2	—	0	7.8	15	-3	5	-3	59	-9	2	8	Ci	0	0	10	9
	SUEZ								1027.4	+8.6	N	2	6.7	16	-4	5	-5	54	-22	0	—	—	—	0	7	15
UPPER EGYPT	FAIYÛM								1026.8	+7.4	NNW	1	5.9	16	-5	1	-6	72	-5	1	6	—	0	0	4	6
	MINYA								1026.6	+6.3	N	2	5.8	16	-4	1	-6	75	-5	0	5	—	—	0	6	—
	ASYÛT	1026.2	WSW	3	17.0	52	0	7	1026.3	+6.1	WSW	2	5.9	18	-2	2	-4	72	0	2	5	—	0	0	0	4
	QENA								1025.4	+6.2	N	1	7.5	23	0	4	-4	65	-1	0	6	—	0	0	dr	—
	LUXOR								1025.4	—	E	1	6.2	23	—	3	—	82	—	0	6	—	0	0	dr	—
	ASWÂN	1021.9	N	1	21.5	39	1	6	1023.9	+4.8	—	0	9.6	23	-1	6	-4	66	+12	0	6	—	0	0	1	—
WESTERN DESERT	SÎWA	1028.2	SW	1	17.0	52	0	6	1026.6	+6.7	—	0	6.4	18	-1	2	-2	68	-2	0	6	—	0	0	25	3
	BAHARÎYA	1028.2	NNE	3	15.0	51	0	7	1027.4	—	NNE	1	6.0	15	—	3	—	81	—	0	9	—	0	0	17	—
	KHÂRGA	1026.8	N	2	17.9	56	0	—	1025.5	+6.0	—	0	6.8	18	-5	1	-6	78	+15	0	9	—	0	0	0	0
	DÂKHLA	1027.0	NNE	2	17.0	54	0	9	1026.7	+6.4	WNW	1	4.2	18	-4	1	-4	73	+18	0	9	—	0	0	dr	—
RED SEA	TÔR								1025.5	+7.3	N	1	9.5	18	-3	9	0	55	-4	0	6	—	0	0	3	9
	HURGHÂDA								1024.4	+6.1	WNW	3	12.5	18	-4	8	-3	54	-4	1	5	—	1	0	dr	0
	QUṢEIR								1023.9	+6.1	WNW	3	15.0	20	-3	13	-1	74	+24	2	7	—	0	0	tr	7
	PORT SUDAN								1017.9	+2.5	N	4	21.8	26	-1	17	-3	64	-3	0	—	—	—	0	17	91
NORTH SUDAN	WÂDI HALFA								1022.7	+3.5	N	2	8.9	21	-3	7	-1	80	+28	0	8	—	0	—	—	—
	KAREIMA								1018.1	+1.3	ENE	1	13.3	24	-6	10	-3	50	+12	0	8	—	0	0	dr	1
	ʿATBARA								1018.4	+3.5	N	3	15.2	26	-4	10	-4	49	+12	0	—	—	—	0	5	1
	KHARṬÛM								1017.5	+3.3	NW	5	14.9	27	-5	10	-5	38	+2	2	8	—	0	0	4	5
	KASSALA								1012.8	+0.2	ESE	3	19.2	30	-4	15	-1	72	+11	0	9	—	—	0	0	11
CENTRAL SUDAN	WAD MEDANI								1016.4	+3.0	NW	3	15.9	28	-6	11	-4	40	+1	0	—	—	—	0	56	13
	DUEIM								—	—	N	3	21.4	28	-6	14	0	17	-17	0	—	—	—	0	21	12
	RENK																									
	ROṢEIRES								1013.6	+6.8	WNW	2	18.3	32	-4	13	-3	30	-15	0	—	—	—	0	3	37
	EL OBEID								1017.5	+4.6	NNE	4	12.1	25	-6	7	-4	83	+47	0	8	—	0	0	23	19
	EL FÂSHER								1020.6	+6.4	NW	2	7.0	26	-5	3	-7	51	+16	0	—	—	—	0	0	8
S. SUDAN	MALAKÂL								1013.9	+2.4	NE	3	19.8	31	-4	15	-2	33	+5	1	7	—	1	0	81	93
	WÂU								1014.4	+3.1	NE	3	14.8	31	-4	15	-2	70	-19	0	—	—	—	0	180	146
	JÛBA								1013.3	+2.5	NW	2	22.2	32	-5	18	-2	72	+12	0	9	—	—	0	131	141

Upper Wind Observations on 2.1.1937 ارصاد الرياح العليا يوم

Height metres above M.S.L.	Salum 07h. 00m. Dir. E.of N.	Kms. per hour	Matruh 07h. 00m. Dir. E.of N.	Kms. per hour	Helwan 10h. 30m. Dir. E.of N.	Kms. per hour	Cairo 07h. 30m. Dir. E.of N.	Kms. per hour	Almaza 07h. 00m. Dir. E.of N.	Kms. per hour	Asyut 07h. 00m. Dir. E.of N.	Kms. per hour	Aswan 07h. 00m. Dir. E.of N.	Kms. per hour	W. Halfa 06h. 00m. Dir. E.of N.	Kms. per hour	Kareima 06h. 00m. Dir. E.of N.	Kms. per hour	Khartum 06h. 00m. Dir. E.of N.	Kms. per hour	Malakal 07h. 00m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour	Geneina 06h 45m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour
200	250	16	130	20	60	22	60	40	70	32	—	—	—	—	30	24	—	—	—	—	—	—					—	—		
500	—	—	90	24	70	35	60	49	60	53	150	16	20	34	40	40	50	47	30	50	20	69					—	—		
1000	160	24	80	—	80	38	70	32	60	42	340	3	60	47	60	45	50	63	30	35	30	66					30	40		
1500	110	37	40	18	50	18	70	12	50	20	80	19	70	23	20	31	10	42	30	18	40	39					70	35		
2000	70	23			30	14	60	18	50	19	70	19			70	31	40	16	30	21										
3000	Ent. Cu				310	14			310	31							20	21												
4000					290	43			140	101																				
5000					290	57			70	14																				
6000									70	91																				

Forecast for 24 hours from noon on ....

On the coast light to moderate variable winds, chiefly east to southeast.
Inland moderate to fresh northeast winds.
Occasional medium cloud.
Remaining cool.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ....

رياح سابية الخفيفة والمعتدلة مختلفة الإتجاه أغلبها شرقية الى جنوبية شرقية على السواحل ورياح سابية المعتدلة والشديدة نوعا شمالية شرقية فى الداخل ظهور بعض السحاب المتوسط من آن لآخر ويستمر الطقس باردا

Station	Mean of day: Humidity % on	Diff. from normal	Wet bulb temp. °C on	Diff. from normal
Alexandria	56	-9	9.6	-1.8
Ezbekîya	69	-1	8.1	-2.6
Gîza	73	-2	7.9	-2.9
Helwân	53	-7	6.6	-2.7

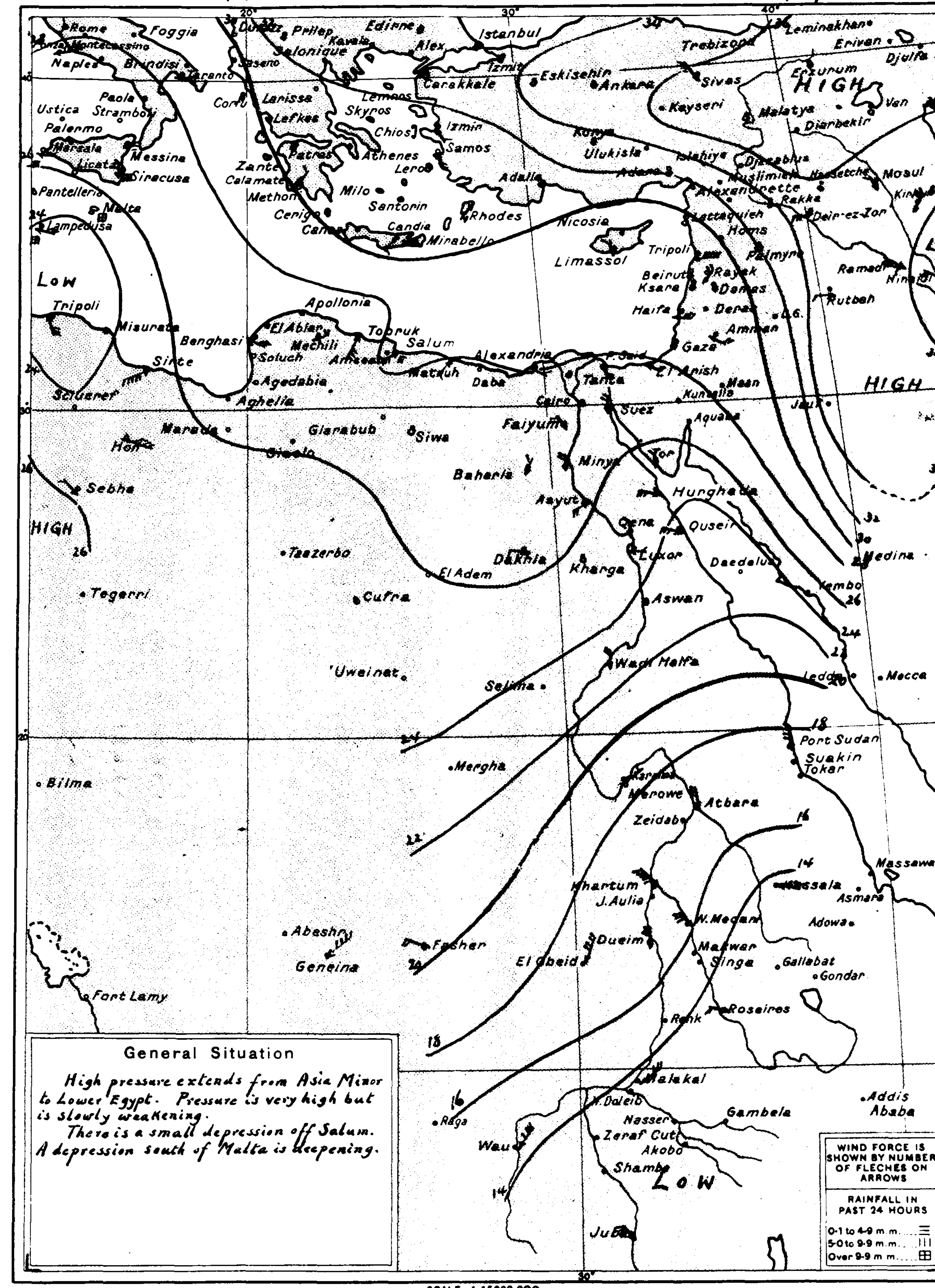
Gîza Grass minimum on .... -2.9 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
2.1	1100	1214
1.1	1098	1195

Gauge	Date	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
	1937	m.	m.	m.	m.
Jûba	1.1	13.28	-0.16	13.30	-0.14
Nâṣṣer	31.12	6.22	-1.48	6.26	-1.53
Malakâl	2.1	10.94	-0.76	10.98	-0.76
Roṣeires	2.1	12.80	+0.39	12.82	+0.39
Sennâr Res.	1.1	20.68	—	20.69	—
Kharṭûm	1.1	11.11	-0.16	11.12	-0.17
Kh. el Girba					
ʿAṭbara	2.1	10.64	-0.20	10.67	-0.20
Kajnarti	2.1	133.97	-0.22	134.01	-0.22
Wâdi Ḥalfa					
Aswân Res.	2.1	120.37	—	120.32	—
,, D.S.	2.1	86.10	-0.09	86.10	-0.09
El Leisi	2.	18.46	-0.02	18.46	-0.04
Rôda (Cairo)	2.1	14.63	-0.29	14.63	-0.32

١٩٣٧-١-٢ Pressure and Wind at 8 h. 2-1-1937



General Situation

High pressure extends from Asia Minor to Lower Egypt. Pressure is very high but is slowly weakening.
There is a small depression off Salum.
A depression south of Malta is deepening.

SCALE 1:15,000,000 — Kms. 200 100 0 200 400 600 Kms.

Station	Bar. Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
	At 8 h. on 1-1-1937 الساعة ٨ يوم ١-١-١٩٣٧																		
Limassol	1032	+14	—	0	6	—	—	—	—	—	—	—	—		—	0	—	202	ليماسول
Haifa	1033.1	+16.7	WSW	2	11.2	14	-5	3	-6	21	-47	0	—		—	0	326	309	حيفا
Gaza	1031.0	+14.3	—	0	4.6	14	-5	2	-6	90	+15	0	9		0	0	216	175	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ...... P.T. 100
Abroad ...... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. m. 06 52
sunset h. m. 17 08

Month January 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

STATION	At 14h. on 2-1-37 ٢/١/٣٧ الساعة ١٤ يوم: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 3rd الساعة ٨ يوم الأحد ٣: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
MEDITERRANEAN																									
SALÛM	1026.6	SE	1	15.3	59	1	5	1024.0	+5.6	S	2	9.0	16	—	8	—	78	—	2	5	Ac	1	0	56	—
MATRÛH	1025.0	WSW	2	16.2	69	2	6	1022.6	+4.0	ESE	3	8.6	12	-6	7	-1	89	+11	4	6	Sc	2	0	93	71
DIKHEILA														—		—		—							
ALEXANDRIA	1025.6	E	6	17.2	52	3	9	1023.5	+4.6	ESE	1	11.0	19	0	8	-3	71	-4	3	8	Ac	0	0	96	102
DAMIETTA								1023.1	—	E	1	9.9	17	—	6	—	87	—	4	—	—	—	0	29	46
PORT SAÏD	1025.2	ENE	3	14.3	56	1	7	1023.0	+5.6	ESE	3	14.0	16	-3	7	-4	60	-17	2	7	Cc	0	0	20	33
EL 'ARÎSH	1025.6	ENE	1	13.0	47	0	6	1023.6	—	ESE	1	7.0	13	—	1	—	71	—	0	6	Cu	0	0	—	—
LOWER EGYPT																									
DAMANHÛR								1023.6	+4.9	ENE	1	7.4	15	-6	4	-4	86	0	3	6	—	1	0	23	44
MANSÛRA								1023.1	—	NE	1	7.9	18	-3	5	-3	68	-15	2	6	—	1	0	9	16
TANTA								1023.2	+3.8	—	0	6.0	17	-3	1	-6	79	-5	0	7	—	0	0	14	14
ZAGÂZÎG								1024.3	—	ENE	1	4.4	15	-6	1	-5	90	+7	1	7	—	—	0	6	8
MIDDLE EGYPT																									
CAIRO ALMÂZA	1024.2	ENE	4	15.6	41	1	9	1022.7	—	E	1	3.2	16	—	0	—	75	—	1	7	—	1	0	—	—
CAIRO EZBEKÎYA	1024.3	NE	2	16.4	36	0	—	1022.4	+3.2	WNW	1	3.3	18	-2	2	-6	78	-2	1	4	Cc	1	0	5	12
CAIRO GÎZA	1024.6	NNE	3	16.0	32	1	5	1022.8	+3.1	NW	1	2.2	16	-3	0	-6	89	+5	1	5	Ci	1	0	9	10
HELWÂN	1023.8	NE	3	16.1	23	0	9	1021.9	+2.3	E	1	6.9	18	0	3	-5	44	-24	2	8	Cc	1	0	10	10
SUEZ								1022.0	+3.2	N	1	6.0	16	-4	4	-6	56	-20	1	—	—	—	0	7	15
UPPER EGYPT																									
FAIYÛM								1022.0	+2.6	—	0	7.0	18	-3	-1	-8	55	-22	1	6	—	1	0	4	6
MINYA								1022.2	+1.9	NNW	1	5.2	17	-3	0	-7	75	-5	0	5	—	—	0	6	—
ASYÛT	1022.6	N	3	18.5	58	0	7	1022.2	+2.0	WSW	3	6.8	21	+1	2	-4	74	+2	0	6	—	0	0	0	4
QENA								1021.2	+2.0	WSW	1	7.6	23	0	5	-3	62	-4	0	6	—	0	0	dr	—
LUXOR								1020.7	—	—	0	11.8	22	—	3	—	31	—	0	6	—	0	0	dr	—
ASWÂN	1018.2	NE	1	23.3	30	0	6	1020.3	+1.2	N	1	9.8	25	+1	7	-3	76	+22	0	6	—	0	0	1	—
WESTERN DESERT																									
SÎWA	1023.0	E	3	16.4	51	0	6	1021.1	+1.2	—	0	12.3	17	-2	3	-1	75	+5	0	6	—	0	0	25	3
BAHARÎYA	1023.0	E	2	16.4	47	0	9	1022.4	—	—	0	4.5	17	—	3	—	65	—	0	9	—	0	0	17	—
KHÂRGA	1021.5	N	1	19.2	56	0	9	1021.1	+1.5	—	0	9.2	20	-3	3	-4	74	+11	0	9	—	0	0	0	0
DÂKHLA	1021.4	—	0	18.6	49	0	7	1022.2	+1.9	—	0	3.5	20	-2	2	-3	73	+18	0	9	—	0	0	dr	—
RED SEA																									
TÔR								1021.9	+3.7	N	2	7.5	18	-3	4	-5	65	+6	0	6	—	1	0	3	9
HURGHÂDA								1022.2	+3.9	WNW	4	13.5	18	-4	8	-3	49	-9	0	7	—	1	0	dr	0
QUSEIR								1020.2	+2.4	W	2	16.9	21	-2	13	-1	69	+19	0	7	—	0	0	tr	7
PORT SUDAN								1016.2	+0.7	N	3	21.8	26	-1	19	-1	72	+5	3	—	—	—	0	17	92
NORTH SUDAN																									
WÂDI HALFA								1018.7	-0.5	N	2	9.8	21	-3	7	-1	87	+35	0	8	—	0	—	—	—
KAREIMA								1016.5	-0.3	—	0	14.4	24	-6	10	-3	53	+15	0	8	—	0	0	dr	1
'ATBARA								1015.2	+0.3	N	2	16.0	26	-4	11	-3	55	+18	0	—	—	—	0	5	1
KHARTÛM								1014.1	-0.1	NW	4	16.1	29	-3	12	-3	43	+7	0	8	—	0	0	4	5
KASSALA								1011.1	-1.6	NE	3	21.0	26	-8	16	0	65	+4	0	9	—	—	0	0	11
CENTRAL SUDAN																									
WAD MEDANI								1013.9	+0.5	NE	3	16.0	29	-5	13	-2	59	+20	0	—	—	—	0	56	13
DUEIM								—	—	NW	3	18.6	29	-5	13	-1	19	-15	0	—	—	—	0	21	12
RENK																									
ROSEIRES								1012.2	+0.3	NW	2	18.3	33	-3	14	-2	41	-4	0	—	—	—	0	3	37
EL OBEID								1015.2	-0.7	NNE	3	13.0	27	-4	8	-3	45	+9	0	8	—	0	0	23	19
EL FÂSHER								1016.6	+2.4	W	1	9.0	27	-3	6	-4	36	+1	0	—	—	—	0	0	8
S. SUDAN																									
MALAKÂL								1012.3	+0.8	NNE	4	19.7	32	-3	17	0	42	+14	2	7	—	1	0	81	43
WÂU								1011.8	+0.5	NW	2	18.9	32	-3	13	-4	73	+22	0	—	—	—	0	180	146
JÛBA								1011.1	+0.3	NW	1	24.2	35	-2	16	-4	41	-19	0	9	—	—	0	131	141

Upper Wind Observations on 3rd ارصاد الرياح العليا يوم ٣

Height metres above M.S.L.	Salam 07 h.00 m. Dir. E.of N.	Kms. per hour	Matruh 07 h.00 m. Dir.	Kms.	Helwan 07 h.00 m. Dir.	Kms.	Cairo 08 h.30 m. Dir.	Kms.	Almaza 07 h.00 m. Dir.	Kms.	Asyut 07 h.00 m. Dir.	Kms.	Aswan 07 h.00 m. Dir.	Kms.	W. Halfa 06 h.00 m. Dir.	Kms.	Kareima 06 h.00 m. Dir.	Kms.	Khartum 05 h.00 m. Dir.	Kms.	El Obeid 06 h.00 m. Dir.	Kms.	Malakal 07 h.00 m. Dir.	Kms.	h. m. Dir.	Kms.	Geneina 07 h.00 m. Dir.	Kms.	h. m. Dir.	Kms.
200	160	8	90	20	50	4	60	37	80	39	180	8	—	—	50	19	—	—	—	—	—	—	—	—			—	—		
500	—	—	80	17	70	26	70	35	60	43	130	13	40	29	80	27	60	34	30	43	—	—	30	64			—	—		
1000	90	43	70	14	80	14	70	20	60	27	150	12	70	27	60	27	60	37	30	31	30	74	40	55			30	23		
1500	70	48			50	4	90	14	100	12	100	14	120	30	70	27	50	11	10	24	50	29	50	39			0	13		
2000	110	12			280	7			310	6					50	5	40	24	330	5	40	19					320	5		
3000					230	19			250	13							30	13												
4000					240	44			250	29							310	18												
5000																														
6000																														

Forecast for 24 hours from noon on 3rd

On the coast fresh east to southeast winds, strengthening.
Inland, moderate to fresh northeast & east winds. High cloud, increasing.
Slightly milder by day.
Conditions becoming disturbed.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٣
رياح نسبية بين شرقية وجنوبية شرقية على السواحل
ثم تزداد شدة
ورياح بين المعتدلة والشديدة شمالية شرقية
وشرقية فى الداخل . تكاثر السحاب العالى
ترتفع درجة الحرارة قليلا أثناء النهار . وسيميل الطقس العام لعدم الاستقرار

STATION	Mean of day: Humidity % on	Diff. from normal	Wet Bulb Temp. °C on	Diff. from normal
Alexandria	63	-2	10.1	-1.2
Ezbekiya	65	-5	6.7	-3.9
Gîza	63	-12	5.7	-5.1
Helwân	45	-15	5.9	-3.4

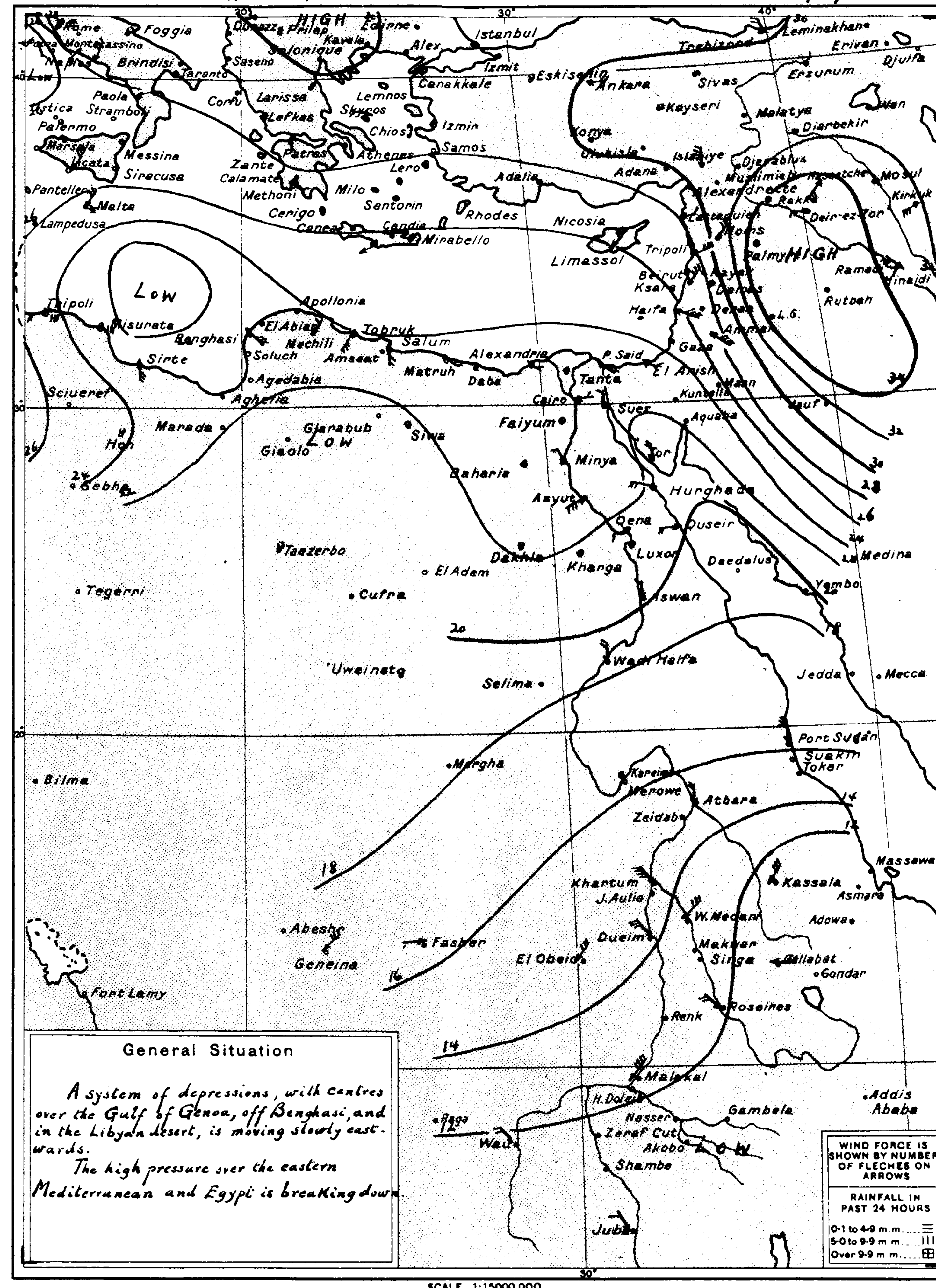
Gîza Grass minimum on 3rd -4.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
2.1	1100	1214
1.1	1098	1195

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2.1	13.28	-0.16	13.28	-0.16
Nâsser	2.1	6.13	-1.40	6.16	-1.47
Malakâl	3.1	10.90	-0.75	10.94	-0.76
Roseires	3.1	12.78	+0.39	12.80	+0.39
Sennâr Res.	2.1	20.69	—	20.68	—
Khartûm	2.1	11.11	-0.16	11.11	-0.16
Kh. el Girba					
'Atbara	2.1	10.64	-0.20	10.67	-0.20
Kajnarti	3.1	133.89	-0.26	133.97	-0.22
Wâdi Halfa					
Aswân Res.	2.1	120.37	—	120.32	—
,, D. S.	2.1	86.10	-0.09	86.10	-0.09
El Leisi	3.1	18.40	-0.05	18.46	-0.02
Rôda (Cairo)	3.1	14.59	-0.32	14.63	-0.27

Pressure and Wind at 8 h. 3-1-1937 ١٩٣٧-١-٣



General Situation

A system of depressions, with centres over the Gulf of Genoa, off Benghasi, and in the Libyan desert, is moving slowly eastwards.
The high pressure over the eastern Mediterranean and Egypt is breaking down.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

STATION	At 8 h. on 2-1-1937. الساعة ٨ يوم ٢-١-١٩٣٧: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limusol	1029	+11	NNW	1	6	—	—	—	—	—	—	0	—	—	—	0	—	205	ليماسول
Haifa	1030.0	+13.6	E	3	8.6	13	-6	4	-5	47	-21	0	—	—	—	0	326	316	حيفا
Gaza	1027.5	+10.8	—	0	4.3	16	-3	1	-7	80	+5	0	9	—	0	0	216	178	غزة

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

Almaza upper wind on 2nd.

Cancel readings above 3000 m.

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. 06 m. 52
sunset h. 17 m. 08

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	At 14h. on 3rd (الساعة ١٤ يوم ٣) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Monday 4th (الساعة ٨ يوم الاثنين ٤) Bar. Pressure Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
MEDITERRANEAN																									
SALÛM	1021.0	E	2	14.0	69	1	6	1019.4	+1.0	NW	4	8.3	14	—	8	—	91	—	4	5	Cb	6	9	65	—
MATRÛH	1019.4	E	4	16.4	68	3	6	1016.6	-2.0	WSW	2	9.9	17	-1	8	0	89	+11	4	6	Sc	2	0	93	73
DIKHEILA														—		—		—							—
ALEXANDRIA	1019.8	ESE	4	17.2	52	2	9	1014.8	-4.1	—	0	9.9	19	0	7	-4	63	-12	1	8	Cu	0	0	96	104
DAMIETTA								1014.7	—	SSW	1	5.0	18	—	4	—	92	—	0	—	—	—	0	29	47
PORT SAÏD	1019.9	ESE	4	14.8	58	2	7	1015.2	-2.2	SW	4	6.2	17	-2	5	-6	97	+20	0	5	—	0	0	20	34
EL 'ARÎSH	1019.5	—	0	14.0	57	1	6	1014.4	—	SSW	1	12.2	15	—	2	—	50	—	0	6	—	0	0	—	—
LOWER EGYPT																									
DAMANHÛR								1015.2	-3.5	SW	3	4.6	18	-3	3	-5	89	+3	0	6	—	1	0	23	45
MANSÛRA								1014.8	—	E	1	5.3	17	-4	0	-8	94	+11	8	0	—	4	0	9	17
TANTA							-	1016.0	-3.4	SW	3	0.0	17	-3	-2	-9	100	+16	8	3	—	4	0	14	14
ZAGÂZÎG								1015.5	—	—	1	5.4	16	-5	-1	-7	77	-6	0	8	—	—	0	6	8
MIDDLE EGYPT																									
CAIRO ALMÂZA	1019.0	NE	3	17.0	38	3	8	1016.2	—	SSE	3	8.1	17	—	0	—	59	—	0	6	—	1	0	—	—
CAIRO EZBEKÎYA	1018.4	NNE	1	17.3	36	3	8	1015.8	-3.4	S	3	6.3	18	-1	3	-5	63	-17	0	5	—	1	0	5	12
CAIRO GÎZA	1018.6	N	2	16.8	35	3	5	1016.3	-3.4	S	3	5.1	18	-1	0	-6	69	-15	0	5	—	1	0	9	10
HELWÂN	1018.6	SSW	1	17.4	33	3	7	1016.3	-3.3	SSE	2	6.0	18	0	4	-4	49	-19	0	5	—	1	0	10	10
SUEZ								1015.6	-3.2	—	0	8.6	18	-2	5	-5	50	-26	0	—	—	—	0	7	15
UPPER EGYPT																									
FAIYÛM								1017.1	-2.3	S	1	5.2	20	-1	1	-5	54	-18	0	5	—	1	0	4	6
MINYA								1019.1	-1.2	NE	2	8.0	18	-2	4	-3	59	-21	0	6	—	—	0	6	—
ASYÛT	1018.4	NW	2	19.0	54	0	7	1019.1	-1.1	SE	2	7.5	21	+1	2	-4	68	-4	0	6	—	0	0	0	4
QENA								1018.0	-1.2	WNW	1	9.3	23	0	6	-1	61	-5	0	6	—	0	0	dr	—
LUXOR								1017.0	—	ESE	1	7.2	22	—	5	—	83	—	0	6	—	0	0	dr	—
ASWÂN	1014.4	NNW	1	23.8	35	0	6	1017.1	-2.0	—	0	11.6	26	+2	9	-1	57	+3	2	6	Ac	1	0	1	—
WESTERN DESERT																									
SÎWA	1019.1	—	0	14.9	54	0	6	1020.4	+0.5	NW	2	7.9	15	-4	3	-1	65	-5	0	6	—	0	0	25	3
BAHARÎYA	1018.6	W	1	17.3	45	0	9	1018.4	—	SW	4	5.5	19	—	1	—	88	—	0	9	—	0	0	17	—
KHÂRGA	1017.6	—	0	21.3	51	0	9	1019.8	+0.2	—	0	10.4	21	-2	3	-3	70	+7	0	9	—	0	0	0	0
DÂKHLA	1017.9	—	0	19.9	45	0	9	1021.5	+1.2	WNW	3	6.0	20	-2	3	-2	70	+15	0	9	—	0	0	dr	—
RED SEA																									
TÔR								1015.6	-2.6	N	3	9.0	20	-1	5	-4	48	-11	0	6	—	0	0	3	9
HURGHÂDA								1015.5	-2.8	WNW	4	13.5	20	-2	7	-4	56	-2	0	7	—	1	0	dr	0
QUSEIR								1015.8	-2.0	WSW	2	15.9	23	0	14	0	77	+27	0	7	—	0	0	Tr	7
PORT SUDAN								1013.3	-2.2	N	2	22.0	26	-1	21	0	82	+15	4	—	—	—	2	19	92
NORTH SUDAN																									
WÂDI HALFA								1018.8	-0.4	N	1	10.6	21	-3	8	0	63	+11	2	8	—	1	—	—	—
KAREIMA								1014.9	-1.9	NNE	2	15.6	26	-4	11	-1	39	+1	0	8	—	0	0	dr	1
'ATBARA								1013.4	-1.5	NNE	2	19.0	28	-2	15	+1	57	+13	0	—	—	—	0	5	1
KHARTÛM								1012.4	-1.8	NNW	4	18.2	31	-1	14	-1	46	+10	0	8	—	0	0	4	5
KASSALA								1007.8	-2.9	E	3	19.7	33	-1	14	-2	75	+14	0	9	—	—	0	0	11
CENTRAL SUDAN																									
WAD MEDANI								1012.6	-0.8	N	3	17.4	31	-3	13	-2	40	+1	0	—	—	—	0	56	13
DUEIM								—	—	N	3	19.4	30	-4	15	+1	25	-4	0	—	—	—	0	21	12
RENK														—		—		—							
ROSEIRES								1011.4	-0.5	WNW	2	20.7	36	0	14	-2	42	-3	0	—	—	—	0	3	37
EL OBEID								1013.5	-2.4	N	3	15.2	28	-3	10	-1	54	+18	0	8	—	0	0	23	19
EL FÂSHER								1016.3	+2.1	N	1	11.5	30	0	7	-3	36	+1	0	—	—	—	0	0	8
S. SUDAN																									
MALAKÂL								1011.2	-0.3	NNE	4	21.9	34	-1	16	-1	53	+25	1	8	—	1	0	81	73
WÂU								1011.1	-0.2	N	2	19.7	34	-1	16	-1	44	-7	0	—	—	—	0	180	146
JÛBA								1011.0	+0.2	NW	1	25.0	37	0	19	-1	68	+9	0	9	—	—	0	131	141

Upper Wind Observations on 4th — ارصاد الرياح العليا يوم ٤

Dir. = Dir. E. of N.; Kms. = Kms. per hour

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms.	Matruh 07h.00m. Dir.	Kms.	Helwan 09h.00m. Dir.	Kms.	Cairo 08h.30m. Dir.	Kms.	Almaza 07h.00m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W.Halfa 06h.00m. Dir.	Kms.	Kareima 07h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	El Obeid 07h.00m. Dir.	Kms.	Malakal 07h.00m. Dir.	Kms.	h. m. Dir.	Kms.	Geneina 06h.00m. Dir.	Kms.	Salum 3rd 13h.00m. Dir.	Kms.
200	310	17	300	16	190	21	230	32	200	50	—	—	—	—	350	31	—	—	—	—	—	—	—	—			—	—	140	8
500	350	37	290	22	250	36	260	36	250	40	290	24	0	19	10	42	20	43	0	37	—	—	30	69			—	—	—	—
1000	Ent	Cb.	280	28	240	32	250	34	260	37	290	37	320	13	10	18	30	37	30	16	10	53	30	51			30	39	100	48
1500			Ent	Sc.	240	53			240	42	280	53	230	42	100	10	80	14	70	10	50	21	40	18			40	34	90	36
2000					240	48			250	46					70	21	290	18	330	21	350	21	40	11			350	11		
3000									240	70							300	18	340	13	210	18	60	8			70	3		
4000																	310	27			160	11	30	11						
5000																														
6000																														

Forecast for 24 hours from noon on 4th

On the coast, moderate southwest winds veering to northwest or north and freshening.

Inland moderate south to west winds. Low cloud developing. Rain in the north. Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٤
رياح معتدلة جنوبية غربية تتحول الى الشمال الغربى والشمال وتشتد على الساحل
ورياح معتدلة جنوبية الى غربية فى الداخل
تتكون السحب المنخفضة وتمطر فى الشمال
ودرجة حرارة الجو كما هى

STATION	Mean of day Humidity % on	Humidity Diff. from normal	Wet Bulb Temp. °C on	Wet Bulb Diff. from normal
Alexandria	69	+4	10.3	-0.9
Ezbekiya	67	-3	6.2	-4.3
Gîza	75	0	5.5	-5.2
Helwân	38	-22	6.4	-2.8

Gîza Grass minimum on 4th -4.1 °C

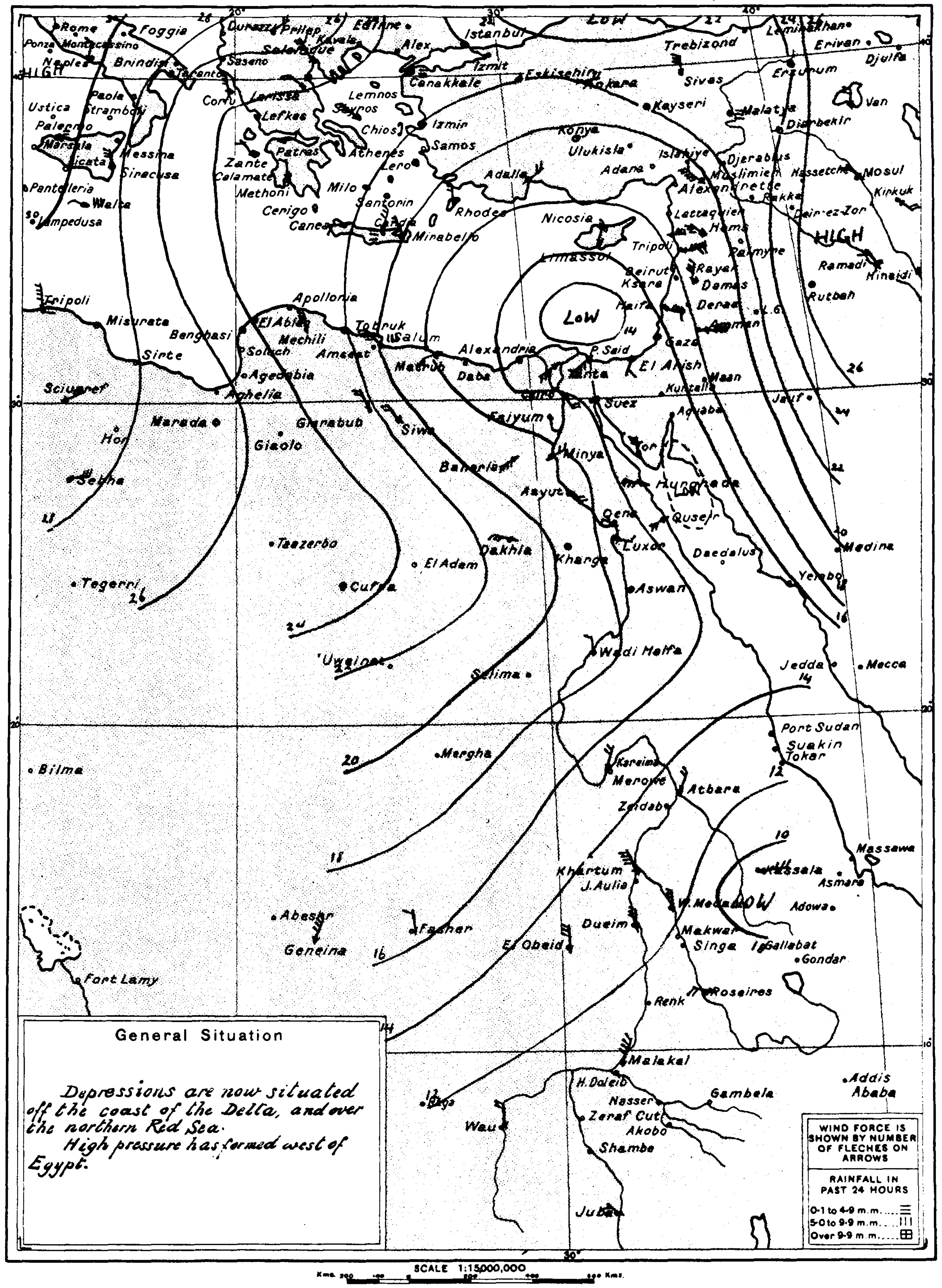
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
4.1	1099	1218
3.1	1098	1214

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba *	4.1	13.28	-0.14	13.28	-0.15
Nâsser	3.1	6.09	-1.34	6.13	-1.40
Malakâl	4.1	10.85	-0.77	10.90	-0.75
Roseires	4.1	12.76	+0.40	12.78	+0.39
Sennâr Res.	3.1	20.70	—	20.69	—
Khartûm	4.1	11.12	-0.14	11.12	-0.15
Kh. el Girba					
'Atbara	3.1	10.62	-0.19	10.64	-0.20
Kajnarti	4.1	133.84	-0.28	133.89	-0.26
Wâdi Halfa					
Aswân Res.	4.1	120.48	—	120.43	—
,, D. S.	4.1	86.09	-0.10	86.09	-0.10
El Leisi	4.1	18.38	-0.05	18.40	-0.05
Rôda (Cairo)	4.1	14.57	-0.32	14.59	-0.32

Printed by the Survey of Egypt, 1936. (36/530)

١٩٣٧-١-٤ Pressure and Wind at 8 h. 4-1-1937



General Situation

Depressions are now situated off the coast of the Delta, and over the northern Red Sea.

High pressure has formed west of Egypt.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

STATION	At 8h. on 3-1-1937 (الساعة ٨ يوم ٣/١ ١٩٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1025	+7	NE	3	7	—	—	—	—	—	—	0	—	—	—	0	—	209	ليماسول
Haifa	1025.6	+9.2	ESE	5	10.1	14	-4	4	-4	68	0	0	—	—	—	0	326	322	حيفا
Gaza	1022.2	+5.5	—	0	10.5	17	-2	3	-5	53	-22	0	9	—	0	0	216	181	غزة

Remarks

* Juba river gauge reading for 6.12.36 published on 7.12.36 should read 13.33 instead of 13.31 m.

ملحوظة: صحة قراءة النهر بمقياس جوبا يوم ٣٦/١٢/٦ المذكورة بنشرة يوم ٧ ديسمبر سنة ١٣,٣٣ بدلاً من ١٣,٣١ متراً

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise 06 h. 32 m.
sunset 17 h. 09 m.

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 4th — الساعة ١٤ يوم ٤ | At 8h. on Tuesday 5th — الساعة ٨ يوم الثلاثاء ٥

	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
MEDITERRANEAN	SALÛM	1018.6	NNW	4	14.4	69	2	6																		
	MATRÛH	1015.6	NW	5	15.1	80	3	6	1016.6	-2.0	NW	6	13.1	16	-2	7	-1	72	-6	4	6	Sc	6	6	99	74
	DIKHEILA																									
	ALEXANDRIA	1013.9	WNW	2	11.3	73	3	8	1014.3	-4.6	WNW	5	11.3	16	-3	9	-2	85	+10	4	7	Nb	6	5	101	106
	DAMIETTA								1014.0	—	SSW	2	7.7	16	—	5	—	93	—	2	—	—	—	2	31	48
	PORT SAÏD	1012.4	WSW	4	16.5	47	0	7	1015.1	-2.3	SW	4	9.6	17	-2	8	-3	87	+10	2	7	Ac	0	tr	20	35
	EL 'ARÎSH	1012.2	WSW	3	16.2	34	0	6	1015.4	—	WSW	3	12.0	17	—	8	—	76	—	0	6	—	0	0	—	—
LOWER EGYPT	DAMANHÛR								1015.1	-3.6	SW	5	9.2	19	-2	4	-4	87	+	4	7	—	6	1	24	46
	MANSÛRA								1014.7	—	SW	2	8.0	17	-4	—	—	86	+3	2	4	—	8	dr	9	17
	ȚANTA								1015.9	-3.6	SW	4	7.5	17	-3	5	-2	93	+8	4	5	—	6	1	15	15
	ZAGÂZÎG								1016.0	—	SW	4	9.4	16	-5	5	-1	83	0	1	7	—	—	dr	6	8
MIDDLE EGYPT	CAIRO ALMÂZA	1014.6	WSW	4	15.0	32	2	9	1016.8	—	S	4	9.0	15	—	5	—	78	—	3	7	Sc	5	1	—	—
	CAIRO EZBEKÎYA	1014.0	W	5	15.8	34	0	8	1016.7	-2.5	S	4	7.8	17	-2	6	-2	79	-1	2	6	Ac	5	dr	5	12
	CAIRO GÎZA	1014.4	W	3	16.4	36	1	5	1017.4	-2.3	SSE	3	7.1	17	-2	5	-1	86	+2	2	5	Sc	5	dr	9	10
	HELWÂN	1014.3	SW	3	14.4	30	0	9	1017.8	-1.8	SSE	3	7.6	15	-3	5	-3	77	+8	2	6	Sc	1	0	10	10
	SUEZ								1017.0	-1.7	S	1	14.0	17	-3	8	-2	57	-19	3	—	—	—	0	7	15
UPPER EGYPT	FAIYÛM								1018.3	-1.1	SSW	1	8.3	17	-4	5	-1	73	-4	1	5	—	1	0	4	6
	MINYA								1020.6	+0.3	ENE	2	7.9	17	-3	4	-3	73	-7	0	6	—	—	0	6	—
	ASYÛT	1017.0	WSW	3	16.2	54	0	7	1021.5	+1.3	SE	3	7.5	17	-3	4	-2	79	+7	0	6	—	0	0	0	4
	QENA								1020.7	+1.5	W	1	7.0	20	-3	4	-3	65	-1	1	6	Sc	0	0	dr	—
	LUXOR								1020.0	—	SE	1	6.8	21	—	2	—	70	—	2	5	Cu	1	0	dr	—
	ASWÂN	1014.7	N	2	21.8	17	2	6	1021.6	+2.4	N	1	7.4	23	-1	5	-5	53	-1	0	6	—	0	0	1	—
WESTERN DESERT	SÎWA	1018.3	WNW	3	15.2	65	2	6	1020.7	+0.8	—	0	10.1	17	-2	5	+1	66	-4	0	6	—	0	0	25	3
	BAHARÎYA	1017.0	NW	5	14.2	51	0	9	1020.0		W	1	8.0	15	—	5	—	86	—	1	8	Ac	1	0	17	—
	KHÂRGA	1017.6	N	3	20.3	58	0	9	1022.6	+3.0	—	0	7.4	20	-3	2	-4	74	+11	0	9	—	0	0	0	0
	DÂKHLA	1018.7	NW	6	15.3	26	0	5	1023.5	+3.2	WNW	1	6.0	16	-6	3	-2	78	+23	0	9	—	0	0	dr	—
RED SEA	TÔR								1017.5	-0.7	N	1	12.0	20	-1	6	-3	54	-5	0	6	—	0	0	3	9
	HURGHÂDA								1018.7	+0.3	WNW	3	12.8	23	+1	8	-3	54	-4	0	7	—	0	0	dr	0
	QUSEIR								1018.6	+0.7	WSW	3	13.0	25	+2	10	-4	36	-14	0	7	—	0	0	tr	7
	PORT SUDAN								1014.0	-1.5	N	4	23.2	26	-1	20	0	78	+11	3	—	—	—	17	36	92
NORTH SUDAN	WÂDI HALFA								1022.6	+3.4	N	2	8.8	20	-4	5	-3	73	+21	1	8	Ci	0	—	—	—
	KAREIMA								1019.5	+2.7	N	4	11.1	27	-3	9	-3	33	-5	0	6	—	0	0	dr	1
	'ATBARA								1016.4	+1.5	NNE	6	17.2	29	-1	15	+1	31	-5	0	—	—	—	0	5	1
	KHARȚÛM								1016.9	+2.7	NW	4	16.0	33	+1	13	-2	32	-4	1	8	Ci	0	0	4	5
	KASSALA								1012.7	0.0	N	1	19.2	34	0	14	-2	47	-15	0	9	—	—	0	0	11
CENTRAL SUDAN	WAD MEDANI								1013.6	+0.2	NW	4	18.4	32	-2	15	0	34	-5	0	—	—	—	0	56	13
	DUEIM								—	—	NNW	4	18.6	31	-3	15	+1	23	-11	0	—	—	—	0	21	12
	RENK																									
	ROSEIRES								1012.6	+0.7	WNW	2	21.3	35	-1	16	0	41	-4	0	—	—	—	0	3	37
	EL OBEID								1016.3	+0.4	N	4	13.0	26	-4	11	0	63	+27	0	8	—	0	0	23	19
	EL FÂSHER								1019.6	+5.4	N	2	12.0	29	-1	9	-1	33	-2	0	—	—	—	0	0	8
S. SUDAN	MALAKÂL								1012.6	+1.1	N	3	21.3	34	-1	17	0	51	+23	3	8	Cs	2	0	81	93
	WÂU								1012.0	+0.7	N	3	21.0	34	-1	17	0	27	-23	0	—	—	—	0	180	146
	JÛBA								1010.6	-0.2	NW	2	25.0	36	-1	18	-2	51	-8	0	9	—	—	0	131	141
	Geneina	9							—	—	NE	5	12	27	—	12	—	—	—	0	8	—	0	—		

Upper Wind Observations on 5th — ارصاد الرياح العليا يوم ٥

Height metres above M.S.L.	h. m. Dir. E.of N.	Kms. per hour	Helwan 09 h. 00 m. Dir. E.of N.	Kms. per hour	Cairo 08 h. 30 m. Dir. E.of N.	Kms. per hour	Almaza 07 h. 00 m. Dir. E.of N.	Kms. per hour	Asyut 07 h. 00 m. Dir. E.of N.	Kms. per hour	Aswan 07 h. 00 m. Dir. E.of N.	Kms. per hour	W. Halfa 07 h. 00 m. Dir. E.of N.	Kms. per hour	Kareima 07 h. 00 m. Dir. E.of N.	Kms. per hour	Khartum 06 h. 00 m. Dir. E.of N.	Kms. per hour	Malakal 07 h. 00 m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour	Geneina 07 h. 00 m. Dir. E.of N.	Kms. per hour	Salum 4th 13 h. 00 m. Dir. E.of N.	Kms. per hour	Juba 4th 10 h. 00 m. Dir. E.of N.	Kms. per hour
200			190	21	210	27	200	45	—	—	—	—	0	24	—	—	—	—	—	—					—	—	340	22	—	—
500			250	36	250	53	220	44	300	20	350	28	10	43	20	51	10	35	20	60					—	—	—	—	70	8
1000			240	32	260	57	230	74	300	36	0	47	0	88	30	56	20	32	30	69					40	37	—	56	70	24
1500			240	53	260	51	260	42	300	36	320	39	0	47	0	32	70	8	40	47					60	50			40	34
2000			240	48	250	60	250	54					340	47	350	18	330	8	50	40					300	6			50	34
3000							270	72							340	24	320	18							240	16				
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 5th

Fresh to strong winds, on the coast northwesterly, inland southwesterly becoming westerly.
Much low cloud.
Rain near the coast. Scattered showers inland. Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٥
رياح بين النسيمة والشديدة تكون شمالية غربية على
الساحل وجنوبية غربية ثم غربية فيما بعد في الداخل
يكثر السحاب المنخفض
يتساقط مطر بالقرب من الساحل وكذلك في جهات متفرقة في
الداخل
يستمر الطقس مائلا للبرودة

STATION	Mean of day Humidity % on	Diff. from normal	Wet Bulb Temp. °C on	Diff. from normal
Alexandria	64	-1	9.1	-2.1
Ezbekiya	55	-15	6.7	-3.7
Gîza	58	-17	6.6	-4.0
Helwân	43	-17	5.4	-3.7

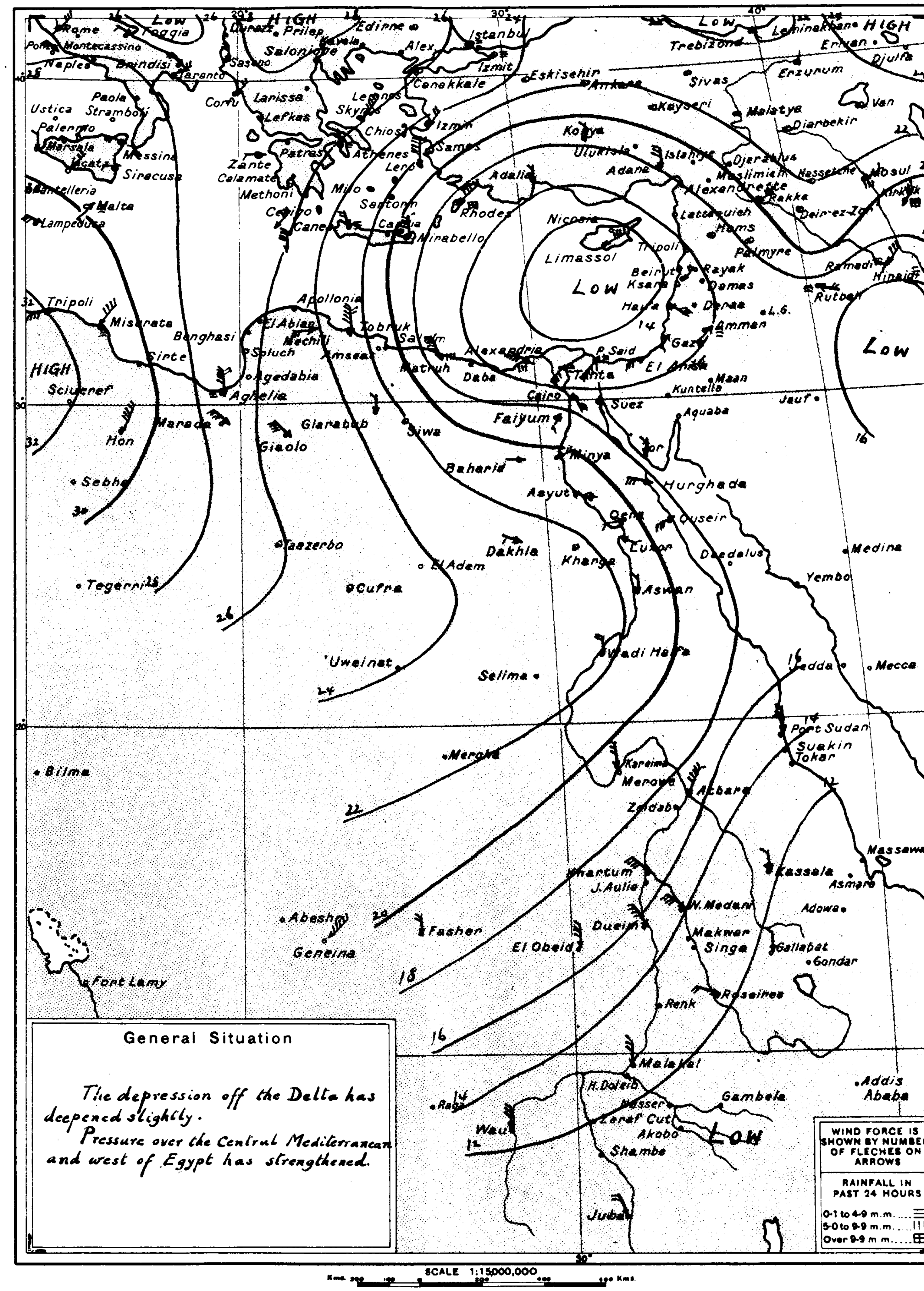
Gîza Grass minimum on 5th 3.4 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
5.1	1101	1216
4.1	1099	1218

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5.1	13.27	-0.15	13.28	-0.14
Nâșer	4.1	6.05	-1.29	6.09	-1.34
Malakâl	5.1	10.82	-0.77	10.85	-0.77
Roseires	5.1	12.74	+0.41	12.76	+0.40
Sennâr Res.	4.1	20.70	—	20.70	—
Kharțûm	4.1	11.12	-0.14	11.12	-0.15
Kh. el Girba					
'Atbara	4.1	10.62	-0.17	10.62	-0.19
Kajnarti	5.1	133.80	-0.29	133.84	-0.28
Wâdi Halfa					
Aswân Res.	5.1	120.53	—	120.48	—
,, D.S.	5.1	86.09	-0.10	86.09	-0.10
El Leisi	5.1	18.36	-0.05	18.38	-0.05
Rôda (Cairo)	5.1	14.57	-0.31	14.57	-0.32

Pressure and Wind at 8h. 5-1-1937. ١٩٣٧-١-٥



General Situation

The depression off the Delta has deepened slightly.
Pressure over the Central Mediterranean and west of Egypt has strengthened.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 4-1-37 — الساعة ٨ يوم ٤-١-٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1016	-2	NNE	3	10	—	—	—	—	—	—	0	—	—	—	0	—	212	ليماسول
Haifa	1016.6	+0.7	ESE	6	9.4	15	-3	6	-2	92	+24	0	—	—	—	0	326	329	حيفا
Gaza	1015.0	-1.9	—	0	4.3	19	0	2	-6	79	+4	0	9	—	0	0	216	134	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise 06 53
sunset 17 10

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

Month January, 1937 ١٩٣٧ شهر يناير

DAILY WEATHER REPORT ٦-١-٣٧

No.	Region	Station	14h. on 5th Bar. Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h. on Wednesday 6th Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1020.4	NW	6	12.0	61	2	6	1027.9	+9.4	NW	3	9.1	13	—	7	—	86	—	4	5	Cb	6	4	72	
131		MATRÛH	1016.2	NNW	8	12.4	86	4	6	1024.2	+5.6	N	5	13.9	15	-3	7	-1	61	-18	4	6	Sc	6	6	105	76
		DIKHEILA																									
132		ALEXANDRIA	1013.6	W	6	13.9	70	2	8	1022.3	+3.3	WNW	3	13.6	16	-3	10	-1	70	-5	3	7	Cb	6	6	107	108
		DAMIETTA								1021.1	—	NNW	1	12.2	15	—	8	—	74	—	1	—	—	—	5	36	50
134		PORT SAÎD	1012.8	SW	4	16.1	61	5	6																		
135		EL 'ARÎSH	1013.0	WSW	2	13.0	87	1	6	1020.3	—	WSW	2	9.9	16	—	8	—	100	—	2	6	Nb	6	6	—	—
136	Lower Egypt	DAMANHÛR								1022.8	+4.1	WSW	1	8.7	16	-6	7	-1	96	+10	2	7	—	6	5	24	47
[redacted]		MANSÛRA								1021.4	—	W	1	8.0	16	-5	6	-2	93	+10	0	7	—	6	2	11	18
		TANTA								1022.6	+3.1	—	0	8.5	15	-5	5	-2	96	+11	0	7	—	6	2	17	15
		ZAGÂZÎG								1022.7	—	SW	2	9.3	16	-5	5	-1	91	+7	2	7	—	—	0	6	8
	Middle Egypt (Cairo)	ALMÂZA	1015.8	W	5	14.6	53	3	8	1022.4	—	S	2	8.9	15	—	5	—	86	—	4	6	Cb	8	1	—	
		EZBEKÎYA	1015.0	W	4	14.9	51	3	8	1022.3	+3.1	SSE	3	9.0	16	-3	7	-1	81	+1	4	6	Ns	5	dr	5	12
		GÎZA	1014.7	W	4	16.2	44	3	5	1023.0	+3.2	S	2	9.6	17	-2	6	0	92	+7	3	5	Sc	5	dr	9	10
		HELWÂN	1015.1	W	5	14.1	48	4	8	1023.2	+3.6	SSE	2	8.0	15	-3	6	-2	79	+10	2	6	Sc	5	dr	10	11
144		SUEZ								1022.0	+3.3	—	0	12.5	—	—	—	—	82	+6	4	—	—	—	dr	7	15
153	Upper Egypt	FAIYÛM								1023.6	+4.2	—	0	8.3	18	-2	5	-1	78	+1	1	5	—	1	0	4	6
154		MINYA								1025.2	+4.9	N	2	7.8	18	-2	4	-3	73	-7	3	7	—	—	0	6	
155		ASYÛT	1018.3	SW	3	18.0	53	2	7	1025.6	+5.3	WSW	3	8.0	19	-1	3	-3	79	+7	2	5	Sc	1	0	0	4
156		QENA								1023.9	+4.7	WNW	1	9.0	19	-4	5	-2	71	+5	0	6	—	0	0	dr	—
157		LUXOR								1023.5	—	N	2	10.0	20	—	7	—	69	—	0	6	—	0	0	dr	—
158		ASWÂN	1018.2	—	0	18.0	38	0	6	1024.3	+5.1	NNE	2	9.9	20	-4	7	-3	51	-3	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1020.2	NNW	4	17.2	32	0	6	1026.2	+6.3	—	0	7.9	17	-2	3	-1	72	+2	0	6	—	0	0	25	3
149		BAHARÎYA	1018.6	NW	7	15.0	60	2	7	1024.4		NW?	7	8.3	16		6		79		0	9	—	0	0	17	
151		KHÂRGA	1019.0	N	1	18.4	63	0	9	1025.5	+5.9	N	1	8.2	19	-4	5	-1	82	+19	0	9	—	0	0	0	0
152		DÂKHLA	1020.3	NW	4	18.0	35	1	7	1027.4	+7.1	W	1	5.5	18	-4	3	-2	62	+7	0	8	—	0	0	dr	
145	Red Sea	TÔR								1022.2	+3.9	NW	3	14.0	19	-2	10	+1	57	-2	0	6	—	2	0	3	9
146		HURGHÂDA								1021.9	+3.8	NW	4	13.0	21	-1	8	-3	50	-8	0	7	—	0	0	dr	0
147		QUSEIR								1021.9	+4.0	W	3	15.2	21	-2	11	-3	41	-9	0	7	—	0	0	tr	7
169		PORT SUDAN								1019.0	+3.5	N	2	20.7	—	—	—	—	54	-13	3	—	—	—	—	36	72
165	North Sudan	WÂDI HALFA								1025.2	+6.0	N	2	8.9	19	-5	6	-2	73	+21	0	8	—	0	—	—	—
166		KAREIMA								1021.9	+5.1	NNE	2	11.8	23	-7	8	-4	45	+7	0	8	—	0	0	dr	1
167		'ATBARA								1018.2	+3.3	N	7	15.3	27	-3	11	-3	37	+1	0	—	—	—	0	5	1
168		KHARTÛM								1018.5	+4.3	NNW	5	12.8	29	-3	9	-6	35	-1	0	8	—	0	0	4	5
170		'KASSALA								1014.8	+2.1	NNE	2	21.4	31	-3	15	-1	82	+20	2	8	Sc	0	0	0	11
171	Central Sudan	WAD MEDANI								1015.8	+2.4	NNE	3	14.6	31	-3	11	-4	24	-14	0	—	—	—	0	56	13
173		DUEIM								—	—	N	4	17.2	28	-6	14	0	21	-13	0	—	—	—	0	21	12
182		RENK																									
172		ROSEIRES								1014.3	+2.4	WNW	2	18.7	33	-3	15	-7	31	-13	1	—	—	—	0	3	37
174		EL OBEID								1019.2	+3.3	NNW	3	11.3	24	-6	8	-3	47	+11	0	8	—	1	0	23	19
175		EL FÂSHER								1019.5	+5.3	NW	1	8.5	27	-3	5	-5	35	[illegible]	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1015.0	+3.5	NNE	4	19.2	33	-2	17	-1	18	-10	4	7	Ci,Ac	2	0	81	93
177		WÂU								1014.7	+3.4	N	3	18.5	32	-3	18	+1	62	+12	0	—	—	—	0	180	146
178		JÛBA								1012.3	+1.5	NW	3	24.4	36	-1	20	0	37	-22	0	9	—	—	0	131	141
179		Geneina								—	—	NE	5	11	25	—	10	—	—	—	0	8	—	0	—	—	—

Upper Wind Observations on 6th ارصاد الرياح العليا يوم ٦

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms. per hour	Helwan 08h.45m. Dir.	Kms. per hour	Cairo 08h.30m. Dir.	Kms. per hour	Almaza 07h.00m. Dir.	Kms. per hour	Asyut 07h.00m. Dir.	Kms. per hour	Aswan 07h.00m. Dir.	Kms. per hour
200	330	14	340	26	180	10	210	11	230	16	—	—	—	—
500	—	—	Ent.	St.	200	6	340	20	320	20	320	31	340	48
1000	Ent.	Cb			350	32	350	37	330	28	330	33	340	48
1500					350	35	350	30	Ent.	Cb.			340	60
2000					Ent.	Cb	Ent.	Ns.						
3000														
4000														
5000														
6000														

Height metres above M.S.L.	Wadi Halfa 06h.00m. Dir.	Kms. per hour	Kareima 06h.00m. Dir.	Kms. per hour	Khartum 05h.00m. Dir.	Kms. per hour	El Obeid 06h.00m. Dir.	Kms. per hour	Malakal 07h.00m. Dir.	Kms. per hour	Geneina 07h.00m. Dir.	Kms. per hour	Salum 5th 07h.00m. Dir.	Kms. per hour	Salum 5th 13h.00m. Dir.	Kms. per hour
200	20	27	—	—	—	—	—	—	—	—	—	—	340	21	340	32
500	20	53	20	63	10	79	—	—	20	63	—	—	—	—	—	—
1000	10	56	30	74	20	61	0	58	30	76	30	42	Ent.	Cb	340	48
1500	350	34	20	34	30	24	30	45	30	90	60	48			320	66
2000	350	27	340	35	30	21	20	27	40	—	310	14			330	78
3000			300	37	50	18	330	11								
4000																
5000																
6000																

Forecast for 24 hours from noon on 6th
On the coast moderate northwesterly and northerly winds.
Inland light southerly winds veering to west, and probably becoming moderate north or northeast later. Some low cloud. Further light rain in the north. Becoming settled. Less cool, but temperature remaining below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٦
رياح معتدلة شمالية غربية الى شمالية على السواحل
ورياح خفيفة جنوبية وتصير غربية وربما تتحول الى الشمال أو
الشمال الشرقي وتشتد فيما بعد
ظهور قليل من السحاب المنخفضة وأمطار خفيفة في الشمال ويستقر
الطقس ويكون أقل ميلا للبرودة ولكن درجة الحرارة تستمر دون المعدل

Station	Mean of day Humidity % on	Diff. from normal	Wet bulb temp. °C on	Diff. from normal
Alexandria	75	+10	10.5	-0.6
Ezbekîya	73	+3	8.1	-2.3
Gîza	73	-2	7.9	-2.7
Helwân	69	+9	7.5	-1.5

Gîza Grass minimum on 6th 3.7 °c

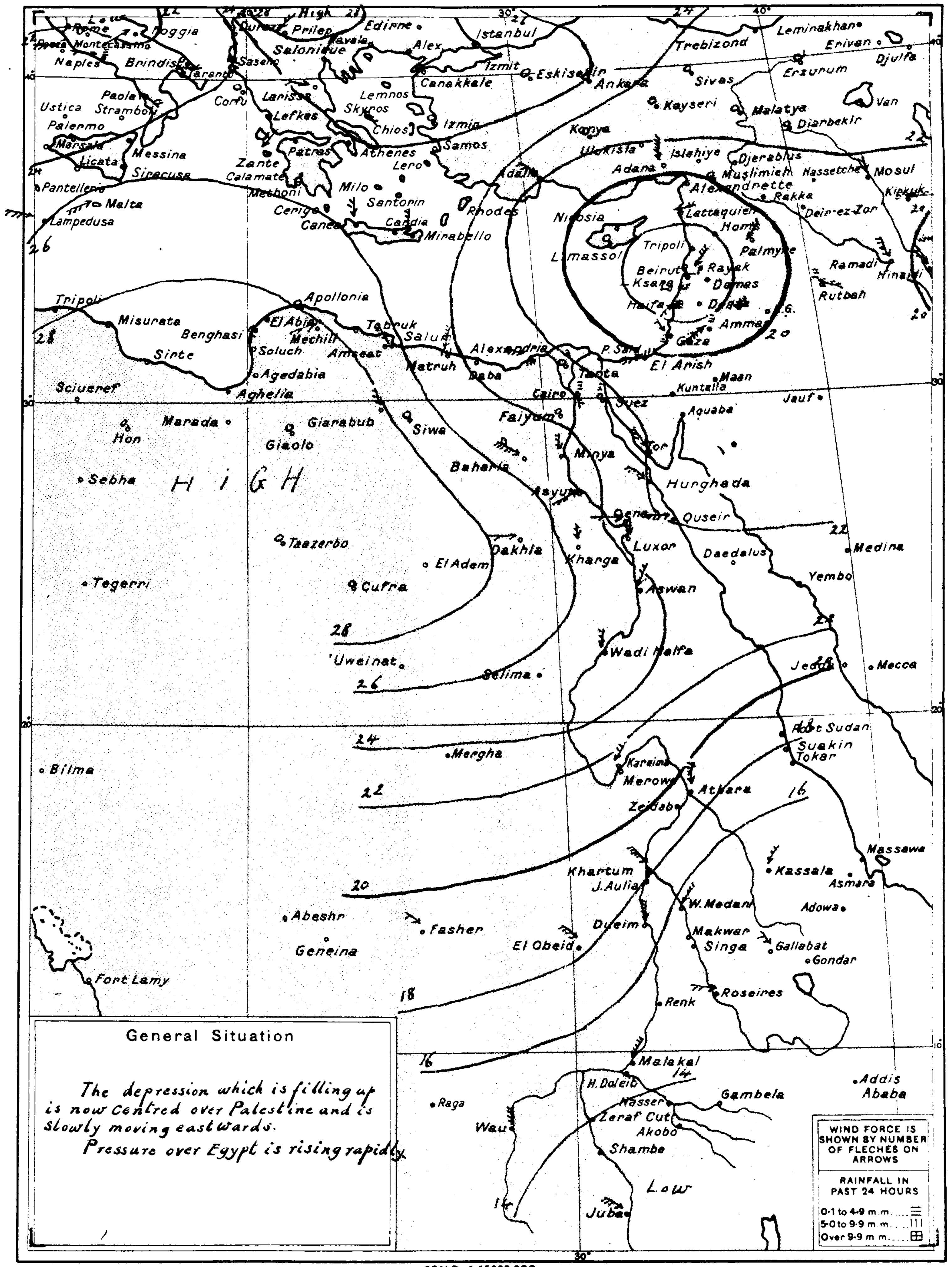
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
6-1	1099	1217
5-1	1101	1216

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-1	13.27	-0.15	13.28	-0.14
Nâsser	5-1	6.00	-1.24	6.05	-1.29
Malakâl	6-1	10.79	-0.77	10.82	-0.77
Roseires	6-1	12.72	+0.41	12.74	+0.41
Sennâr Res.	5-1	20.70	—	20.70	—
Khartûm	5-1	11.06	-0.19	11.12	-0.14
Kh. el Girba					
'Atbara	5-1	10.62	-0.16	10.62	-0.17
Kajnarti	5-1	133.80	-0.29	133.84	-0.28
Wâdi Halfa					
Aswân Res.	6-1	120.55	—	120.53	—
,, D. S.	6-1	86.08	-0.11	86.09	-0.10
El Leisi	6-1	18.36	-0.03	18.36	-0.05
Rôda (Cairo)	6-1	14.59	-0.28	14.57	-0.31

Printed by the Survey of Egypt, 1936. (36/530)

Pressure and Wind at 8 h. 6-1-37



General Situation

The depression which is filling up is now centred over Palestine and is slowly moving eastwards.
Pressure over Egypt is rising rapidly.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 5-1-37 الساعة ٨ يوم ٥-١-٣٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Salum	1020.3	+1.8	NW	4	9.0	15	—	7	—	71	—	5	5	Cb	6	3	68	—	السلوم
Limasol	1013	-5	ENE	5	10	—	—	—	—	—	—	3	—	—	—	0	—	215	ليماسول
Haifa	1015.9	-0.5	ESE	3	9.8	15	-3	5	-3	54	-14	0	—	—	—	0	326	343	حيفا
Gaza	1014.8	-2.1	SW	1	8.8	17	-2	4	-4	91	+16	3	5	—	1	0	216	140	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise 06 h. 53 m.
sunset 17 h. 11 m.

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

DAILY WEATHER REPORT

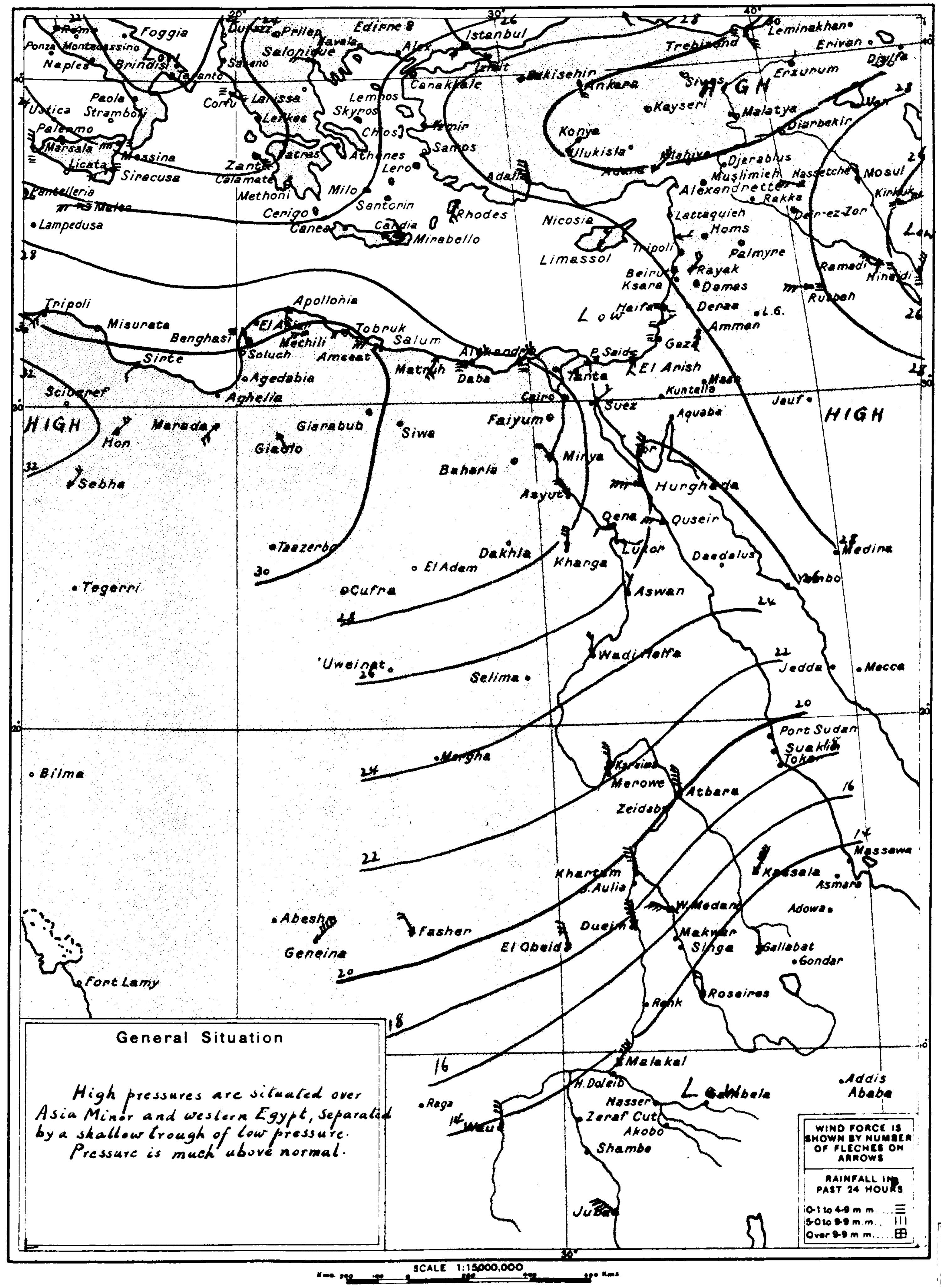
Month *January* 1937 ١٩٣٧ شهر يناير

At 14h. on 6th — الساعة ١٤ يوم ٦ | At 8h. on *Thursday 7th* — الساعة ٨ يوم الخميس ٧

No.	Region	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	Bar. Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1026.2	NNW	4	14.0	61	3	6	1029.9	+11.4	NNW	3	6.9	15	—	6	—	88	—	1	5	Cu	1	0	72	—
131	Mediterranean	MATRÛH	1023.8	NNW	4	14.9	58	4	6	1028.2	+9.6	SSW	2	10.9	17	-1	9	+1	92	+13	4	6	Sc	2	0	105	77
	Mediterranean	DIKHEILA														—		—		—							—
132	Mediterranean	ALEXANDRIA	1022.7	NNW	6	15.8	50	1	9	1028.0	+9.0	NE	2	13.3	17	-2	11	0	62	-13	3	7	Ac	0	2	109	109
	Mediterranean	DAMIETTA								—	—	SW	1	10.0	19	—	6	—	74	—	4	—	—	—	4	36	51
134	Mediterranean	PORT SAÎD	1021.5	NW	4	17.1	63	3	7	1026.6	+9.1	SW	2	13.6	19	0	10	-1	—	—	0	6	St	8	tr	20	36
135	Mediterranean	EL 'ARÎSH	1020.7	WSW	2	15.2	74	0	6	1027.2	—	SSW	1	12.8	16	—	9	—	80	—	1	6	Nb	6	1	—	—
136	Lower Egypt	DAMANHÛR								1028.2	+9.5	WNW	1	10.5	17	-3	9	+1	69	-17	0	8	—	2	0	29	48
137	Lower Egypt	MANSÛRA								1026.6	—	NW	1	7.8	18	-2	5	-3	82	-1	0	7	—	8	dr	11	18
138	Lower Egypt	TANTA								1027.5	+8.0	—	0	8.0	18	-2	4	-3	79	-6	0	7	—	1	0	17	15
139	Lower Egypt	ZAGÂZÎG								1027.9	—	SW	1	7.9	18	-2	3	-3	85	+1	2	6	—	—	dr	6	9
141	Middle Egypt (Cairo)	ALMÂZA	1022.4	W	2	15.9	60	3	9	1026.8	—	SSE	1	10.0	17	—	4	—	72	—	0	7	As.	2	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1022.3	N	1	16.3	56	0	7	1027.5	+8.3	S	1	7.8	18	-1	6	-1	88	+8	0	5	—	1	0	5	13
	Middle Egypt (Cairo)	GÎZA	1022.2	W	2	17.2	49	3	5	1029.8	+10.0	SSE	1	8.4	19	0	5	-1	81	-4	1	5	St	1	0	9	11
143	Middle Egypt	HELWÂN	1022.6	NW	1	15.7	48	3	8	1028.2	+8.6	—	0	8.4	16	-2	7	-1	71	+2	0	6	Cc	2	0	10	11
144	Middle Egypt	SUEZ								1027.8	+9.1	NE	1	10.5	18	-2	8	-2	69	-7	0	—	—	—	0	7	15
153	Upper Egypt	FAIYÛM								1028.4	+8.9	—	0	8.1	19	-1	5	-1	81	+4	3	3	—	1	0	4	6
154	Upper Egypt	MINYA								1028.7	+8.4	NNW	2	9.6	16	-4	6	0	78	-2	2	6	—	—	0	6	—
155	Upper Egypt	ASYÛT	1023.1	WSW	3	16.5	65	1	7	1028.4	+8.1	NNW	2	9.2	18	-2	4	-2	78	+6	0	6	—	1	0	0	4
156	Upper Egypt	QENA								1026.6	+7.4	WSW	1	8.0	20	-3	5	-2	79	+13	0	5	—	0	0	dr	—
157	Upper Egypt	LUXOR								1026.2	—	ESE	1	6.4	18	—	2	—	84	—	0	6	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1021.2	NW	2	17.2	33	0	6	1025.4	+6.2	NNE	1	9.2	18	-6	6	-4	71	+17	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1024.7	N	1	16.8	43	2	6	1029.2	+9.3	—	0	7.9	17	-2	2	-2	65	-5	0	6	—	0	0	25	3
149	Western Desert	BAHARÎYA	1023.6	N	2	16.0	59	1	8	1029.0	—	—	0	7.0	16	—	4	—	82	—	3	8	As	1	0	17	—
151	Western Desert	KHÂRGA	1022.8	N	4	16.4	67	0	9	1027.4	+7.8	N	3	12.0	17	-6	5	-1	37	-26	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1024.2	N	2	15.1	41	0	8																		—
145	Red Sea	TÔR								1025.9	+7.6	NNW	2	13.1	18	-3	9	0	44	-15	0	6	—	2	0	3	9
146	Red Sea	HURGHÂDA								1026.4	+7.8	WNW	4	13.0	19	-3	9	-2	61	+3	1	6	—	0	0	dr	0
147	Red Sea	QUSEIR								1025.0	+7.1	WNW	3	15.2	20	-3	13	-1	51	+1	1	7	—	0	0	tr	7
169	Red Sea	PORT SUDAN								1019.8	+4.3	N	2	20.0	21	-6	20	0	55	-12	1	—	—	—	0	36	93
165	North Sudan	WÂDI HALFA								1025.6	+6.4	N	2	10.1	20	-4	6	-2	62	+10	0	8	—	0	—	—	—
166	North Sudan	KAREIMA								1022.1	+5.3	N	3	10.2	22	-8	5	-7	37	-1	0	8	—	0	0	dr	1
167	North Sudan	'ATBARA								1019.1	+4.2	N	5	14.7	25	-5	10	-4	42	+6	0	—	—	—	0	5	1
168	North Sudan	KHARTÛM								1019.0	+4.8	NNW	5	12.7	27	-5	9	-6	33	-3	0	8	As	0	0	4	5
170	North Sudan	KASSALA								1014.4	+1.7	NNE	5	19.9	31	-3	17	+1	64	+2	0	8	St	0	0	0	11
171	Central Sudan	WAD MEDANI								1016.0	+2.6	NW	4	15.8	29	-5	13	-2	23	-15	0	—	—	—	0	56	13
173	Central Sudan	DUEIM								—	—	N	4	16.8	27	-6	13	-1	22	-12	0	—	—	—	0	21	12
182	Central Sudan	RENK									—					—		—		—							
172	Central Sudan	ROSEIRES								1013.4	+1.5	N	2	20.3	32	-4	17	+1	22	-22	0	—	—	—	0	3	37
174	Central Sudan	EL OBEID								1018.3	+2.4	NNW	3	11.8	25	-5	9	-2	45	+9	0	8	—	1	0	23	19
175	Central Sudan	EL FÂSHER								1020.3	+6.1	NW	2	7.5	25	-5	5	-5	39	+4	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1013.9	+2.4	NNE	4	20.1	31	-4	17	-1	20	-8	2	7	Cs	1	0	81	93
177	S. Sudan	WÂU								1013.5	+2.2	N	3	18.0	32	-3	15	-2	28	-22	0	—	—	—	0	180	146
178	S. Sudan	JÛBA								1012.0	+1.2	NW	4	24.8	36	-1	18	-2	28	-30	0	9	—	—	0	131	141
179		*Geneina*								—	—	NE	5	10	25	—	10	—	—	—	0	7	—	0	—	—	—

Upper Wind Observations on 7th — ارصاد الرياح العليا يوم ٧

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E. of N.	Salum Kms. per hour	Helwan 07 h. 00 m. Dir.	Helwan Kms.	Cairo 08 h. 30 m. Dir.	Cairo Kms.	Almaza 07 h. 00 m. Dir.	Almaza Kms.	Asyut 07 h. 00 m. Dir.	Asyut Kms.	Aswan 07 h. 00 m. Dir.	Aswan Kms.	W. Halfa 07 h. 00 m. Dir.	W. Halfa Kms.	Kareima 06 h. 00 m. Dir.	Kareima Kms.	El Obeid 06 h. 00 m. Dir.	El Obeid Kms.	h. m. Dir.	Kms.	h. m. Dir.	Kms.	h. m. Dir.	Kms.	Geneina 06 h. 45 m. Dir.	Geneina Kms.	Salum 6th 13 h. 00 m. Dir.	Salum 6th Kms.	Juba 6th 11 h. 00 m. Dir.	Juba 6th Kms.
200	—	—	180	7	320	5	340	14	—	—	—	—	20	23	—	—	—	—							—	—	0	22	—	—
500	—	—	0	18	20	21	350	27	10	30	0	38	30	40	30	60	—	—							—	—	—	—	0	8
1000	30	14	10	20	10	18	350	25	10	19	30	28	40	85	50	64	20	40							40	47	320	29	10	11
1500	00	10	50	16	90	17	10	18					330	34	10	27	40	50							60	77	330	20	0	24
2000	350	13	0	31			0	25					320	24	10	24	50	24											10	26
3000	280	14	320	18			330	27							350	21														
4000			Dis.	in			310	50																						
5000			haze																											
6000																														



General Situation

High pressures are situated over Asia Minor and western Egypt, separated by a shallow trough of low pressure. Pressure is much above normal.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Forecast for 24 hours from noon on 7th

On the coast light variable winds, becoming westerly.
Inland moderate variable winds chiefly northeasterly.
Occasional high cloud.
Day temperature slightly above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٧
رياح خفيفة متغيرة الاتجاه ثم تصير غربية على السواحل
ورياح معتدلة متغيرة الاتجاه واكثرها شمالية شرقية في الداخل
ظهور سحب عالية احيانا
درجة الحرارة نهارا فوق المعدل قليلا

Station	Mean of day Humidity % on	Humidity Diff. from normal	Wet bulb temp. °C on	Wet bulb Diff. from normal
Alexandria	57	-9	10.2	-0.8
Ezbekiya	71	+1	10.1	-0.3
Gîza	77	+3	10.3	-0.2
Helwân	68	+9	8.8	-0.7

Gîza Grass minimum on 7th 1.4 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
7.1	1099	1217
6.1	1099	1217

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6.1	13.27	-0.14	13.27	-0.15
Nâșser	6.1	5.95	-1.20	6.00	-1.24
Malakâl	7.1	10.77	-0.75	10.79	-0.77
Roseires	7.1	12.71	+0.42	12.72	+0.41
Sennâr Res.	6.1	20.70	—	20.70	—
Khartûm	6.1	10.99	-0.25	11.06	-0.19
Kh. el Girba					
'Atbara	6.1	10.62	-0.15	10.62	-0.16
Kajnarti	6.1	133.75	-0.31	133.80	-0.29
Wâdi Halfa					
Aswân Res.	7.1	120.56	—	120.55	
,, D. S.	7.1	86.08	-0.11	86.08	-0.11
El Leisi	7.1	18.36	-0.02	18.36	-0.03
Rôda (Cairo)	7.1	14.57	-0.29	14.59	-0.28

At 8h. on 6-1-1937 — الساعة ٨ يوم ٦ - ١ - ١٩٣٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1019	+1	—	0	7	—	—	—	—	—	—	0	—	—	—	0	—	218	ليماسول
Haifa	1017.4	+1.0	SSW	1	8.9	14	-4	5	-3	71	+3	4	—	—	—	33	359	343	حيفا
Gaza	1018.2	+1.3	NW	1	13.1	17	-2	7	-1	75	-1	4	4	—	6	4	220	190	غزة

Remarks
December 1936 was coldest December since 1922 in Cairo.
كان شهر ديسمبر ١٩٣٦ اكثر برودة سنة في جميع شهور ديسمبر منذ ١٩٢٢ في القاهرة

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. 06 m. 53
sunset h. 17 m. 11

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

DAILY WEATHER REPORT

Month January 1937 ١٩٣٧ شهر يناير

At 14h. on 7th — الساعة ١٤ يوم ٧ / At 8h. on Friday 8th — الساعة ٨ يوم الجمعة ٨

No.	Region	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1028.4	W	1	16.6	53	1	6	1026.4	+7.9	W	3	8.2	17	—	6	—	88	—	0	5	Cu	1	0	72	—
131	MEDITERRANEAN	MATRÛH	1027.5	NNE	1	16.6	68	2	6	1024.4	+5.8	WSW	3	10.2	18	0	10	+2	90	+11	2	6	Sc	1	0	105	79
	MEDITERRANEAN	DIKHEILA														—		—		—							—
132	MEDITERRANEAN	ALEXANDRIA	1027.1	NE	1	17.8	50	1	9	1025.9	+6.9	SW	1	10.6	19	0	9	-2	75	0	3	7	Cu	0	0	109	111
	MEDITERRANEAN	DAMIETTA								1024.8	—	WSW	1	12.0	20	—	9	—	73	—	0	—	—	—	dr	36	52
134	MEDITERRANEAN	PORT SAÎD	1025.8	WNW	3	19.0	61	1	7	1024.7	+7.2	WSW	2	12.9	20	+1	11	0	78	+1	4	6	Cu	1	0	20	37
135	MEDITERRANEAN	EL 'ARÎSH	1026.4	—	0	15.0	74	1	6	1025.2	—	SSE	2	12.0	17	—	5	—	64	—	0	6	Cs	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1026.7	+8.0	SW	2	7.8	19	-1	5	-2	86	0	4	6	—	2	0	29	48
137	LOWER EGYPT	MANSÛRA								1025.9	—	NW	1	10.5	18	-2	7	0	63	-20	0	7	—	1	0	11	19
	LOWER EGYPT	TANTA								1025.9	+6.4	—	0	9.0	20	0	4	-3	87	+2	0	7	—	1	0	17	16
	LOWER EGYPT	ZAGÂZÎG								1026.4	—	SW	1	7.1	18	-2	4	-2	90	+6	3	6	—	—	0	6	9
	MIDDLE EGYPT — CAIRO	ALMÂZA	1025.5	NNE	1	17.8	53	0	9	1025.4	—	SW	1	8.0	19	—	3	—	92	—	4	4	Sc	4	0	—	—
	MIDDLE EGYPT — CAIRO	EZBEKÎYA	1026.2	—	0	17.4	46	3	8	1026.2	+7.0	NNW	1	8.4	19	0	6	-1	94	+14	3	—	Sc	1	0	5	13
	MIDDLE EGYPT — CAIRO	GÎZA	1026.0	NW	1	18.5	42	1	6	1026.0	+6.2	NNW	1	7.6	20	+1	4	-2	93	+8	3	5	Sc	1	0	9	11
143	MIDDLE EGYPT	HELWÂN	1026.2	—	0	15.6	39	0	7	1025.6	+6.0	N	2	7.6	17	-1	5	-3	91	+22	4	5	Sc	0	0	10	11
144	MIDDLE EGYPT	SUEZ								1024.7	+6.0	N	1	11.0	18	-2	8	-2	75	-1	4	—	—	—	0	7	16
163	UPPER EGYPT	FAIYÛM								1026.2	+6.7	NNE	1	8.1	20	0	3	-3	79	+2	1	4	—	1	0	4	7
154	UPPER EGYPT	MINYA								1025.8	+5.5	NNW	2	5.7	17	-3	3	-3	74	-6	0	7	—	—	0	6	—
155	UPPER EGYPT	ASYÛT	1025.4	N	4	16.0	41	0	7	1025.9	+5.6	WSW	3	4.5	18	-2	3	-3	79	+7	0	6	—	0	0	0	4
156	UPPER EGYPT	QENA								1024.0	+4.8	WNW	2	7.7	22	-1	4	-3	73	+7	2	5	Ci	0	0	dr	—
157	UPPER EGYPT	LUXOR								1023.9	—	NE	2	5.4	21	—	2	—	82	—	2	5	—	1	0	dr	—
158	UPPER EGYPT	ASWÂN	1021.6	NE	2	20.9	28	0	6	1022.8	+3.6	N	1	10.0	22	-2	6	-4	56	+2	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1028.4	—	0	18.2	55	0	6	1027.1	+7.2	W	1	11.2	20	+1	5	+1	62	-8	0	6	—	0	0	25	3
149	WESTERN DESERT	BAHARÎYA	1025.4	NE	1	16.5	56	2	8	1025.2	—	—	0	7.0	17	—	2	—	77	—	0	9	—	0	0	17	—
151	WESTERN DESERT	KHÂRGA	1024.6	N	3	17.2	61	0	9	1025.6	+6.0	—	0	10.2	17	-6	9	+3	73	+10	0	9	—	0	0	0	0
152	WESTERN DESERT	DÂKHLA	1026.9	NNW	2	16.5	34	0	9	1027.0	+6.7	NW	2	7.0	17	-5	4	-1	65	+10	0	9	—	0	0	dr	—
145	RED SEA	TÔR								1023.0	+4.7	N	2	8.2	19	-2	5	-4	70	+11	0	6	—	0	0	3	9
146	RED SEA	HURGHÂDA								1024.6	+6.0	WNW	4	12.8	19	-3	8	-3	52	-6	0	7	—	0	0	dr	0
147	RED SEA	QUSEIR								1022.0	+4.1	W	2	16.1	21	-2	12	-2	58	+8	0	7	—	1	0	tr	7
169	RED SEA	PORT SUDAN								1017.9	+2.4	N	2	21.5	24	-3	16	-4	55	-12	1	—	—	—	0	36	93
165	NORTH SUDAN	WÂDI HALFA								1022.7	+3.5	N	2	8.3	20	-4	6	-2	73	+21	0	8	—	0	—	—	—
166	NORTH SUDAN	KAREIMA																									
167	NORTH SUDAN	'ATBARA								1017.4	+2.5	N	4	16.0	26	-4	11	-3	57	+12	0	—	—	—	0	5	1
168	NORTH SUDAN	KHARTÛM								1016.2	+2.0	NNW	4	15.0	28	-4	11	-4	36	0	0	8	-	0	0	4	5
170	NORTH SUDAN	KASSALA								1013.3	+0.6	ENE	1	19.5	30	-4	15	-1	63	+1	0	9	-	0	0	0	11
171	CENTRAL SUDAN	WAD MEDANI								1014.4	+1.0	NW	4	16.2	30	-4	12	-3	42	+4	0	—	—	—	0	56	13
173	CENTRAL SUDAN	DUEIM								—	—																
182	CENTRAL SUDAN	RENK									—					—		—		—							
172	CENTRAL SUDAN	ROSEIRES								1012.2	+0.3	N	2	19.8	33	-3	16	0	27	-17	0	—	-	—	0	3	37
174	CENTRAL SUDAN	EL OBEID								1016.5	+0.5	NNW	2	11.6	25	-5	8	-3	50	+14	0	7	-	0	0	23	19
175	CENTRAL SUDAN	EL FÂSHER								1018.3	+4.1	NW	3	8.0	25	-5	4	-6	40	+5	0	—	—	—	0	0	8
176	S. SUDAN	MALAKÂL								1012.4	+0.9	N	4	20.1	32	-3	16	-2	25	-2	0	7	-	0	0	81	93
177	S. SUDAN	WÂU								1012.7	+1.4	N	3	18.5	31	-4	15	-2	22	-27	0	—	-	—	0	180	146
178	S. SUDAN	JÛBA								1011.2	+0.5	NW	1	23.0	35	-2	19	-1	42	-16	0	9	-	—	0	131	141
179		Geneina								—	—	NE	7	10.0	25	—	10	—	87	—	0	7	—	0	0	—	—

Upper Wind Observations on 8th — ارصاد الرياح العليا يوم ٨

Height metres above M.S.L.	Almaza 08h 15m Dir. E. of N.	Almaza Kms per hour	Khartum 06h 00m Dir.	Khartum Kms	Wadi Halfa 06h 00m Dir.	Wadi Halfa Kms	El Obeid 06h 00m Dir.	El Obeid Kms	Juba 10h 20m Dir.	Juba Kms	Geneina 07h 00m Dir.	Geneina Kms	Ismailia R.A.F. 07h 00m Dir.	Ismailia Kms	Abukir R.A.F. 07h 00m Dir.	Abukir Kms	Ramleh R.A.F. 07h 00m Dir.	Ramleh Kms	Amman R.A.F. 07h 00m Dir.	Amman Kms	Salum 7th 13h 00m Dir.	Salum Kms
200	350	15	—	—	20	21	—	—	—	—	—	—	20	5	220	14	100	16	—	—	270	5
500	0	25	20	50	60	47	—	—	50	11	—	—	20	8	250	11	60	14	—	—	—	—
1000	10	14	30	37	20	35	20	60	10	13	40	50	20	11	280	13	50	14	160	13	280	36
1500	10	24	40	27	30	34	40	47	50	31	60	66	10	16	340	27	0	3	200	11	250	22
2000	ent	Sc.	30	19	30	18	40	27	120	34							340	6	200	5		
3000																	230	16	270	14		
4000																	250	29	230	24		
5000																						
6000																						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on	Diff. from normal	Wet bulb temp. °C on	Diff. from normal
Alexandria	60	-6	10.8	-0.2
Ezbekiya	73	+3	9.5	-0.8
Gîza	69	-5	7.4	-1.0
Helwân	58	-1	8.0	-1.0

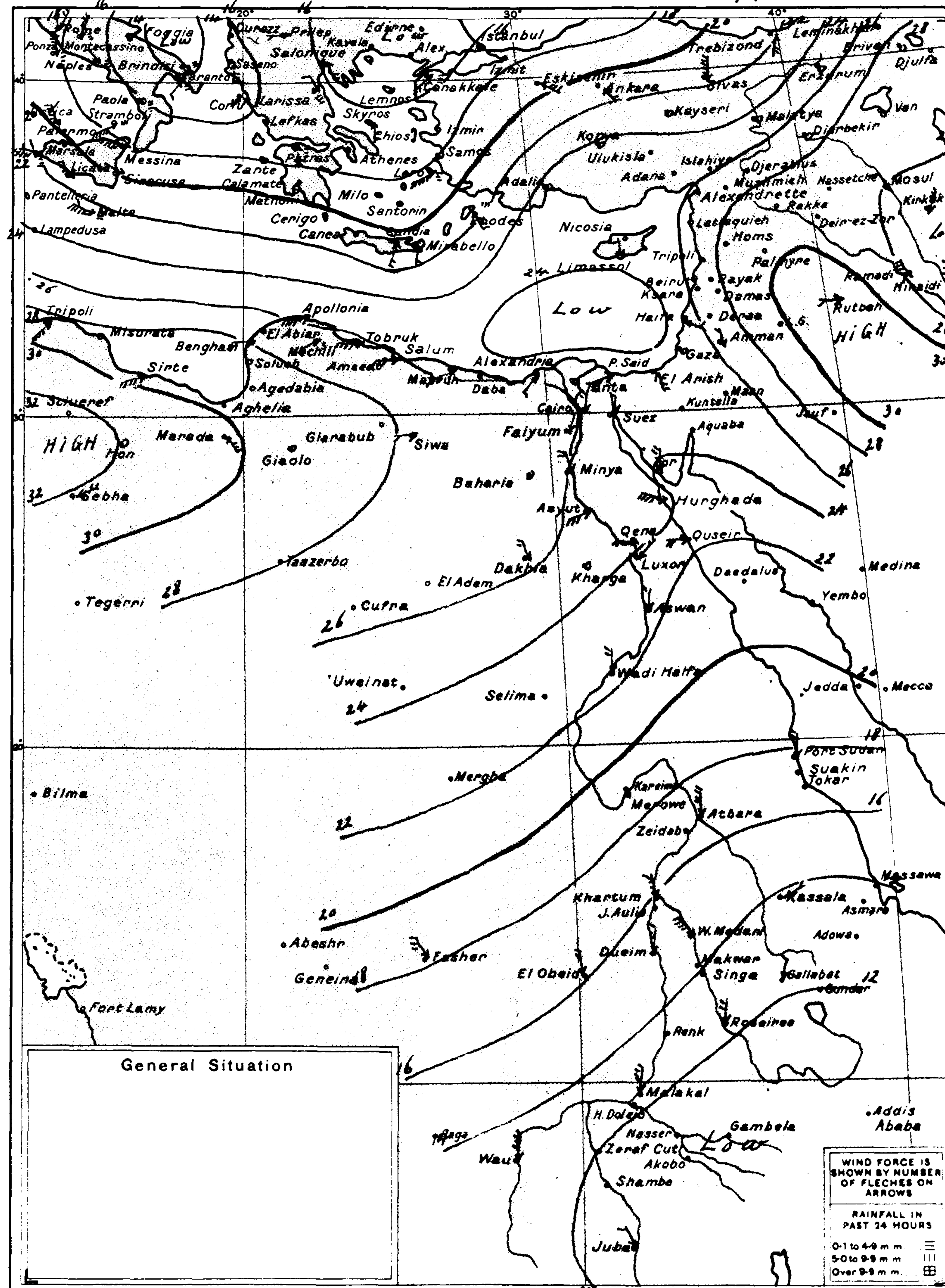
Gîza Grass minimum on 8th 0.0 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
8.1	1098	1219
7.1	1099	1217

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8.1	13.25	-0.16	13.25	-0.16
Nâsser	8.1	5.85	-1.13	5.91	-1.16
Malakâl	8.1	10.74	-0.74	10.77	-0.75
Roseires	8.1	12.70	+0.42	12.71	+0.42
Sennâr Res.	7.1	20.67	—	20.70	—
Khartûm	8.1	10.94	-0.27	10.96	-0.27
Kh. el Girba					
'Atbara	8.1	10.60	-0.15	10.62	-0.14
Kajnarti	8.1	133.74	-0.28	133.74	-0.30
Wâdi Halfa					
Aswân Res.	8.1	120.59	—	120.56	—
,, D. S.	8.1	86.09	-0.10	86.08	-0.11
El Leisi	8.1	18.35	-0.03	18.36	-0.02
Rôda (Cairo)	8.1	14.57	-0.27	14.57	-0.29

١٩٣٧-١-٨ Pressure and Wind at 8h. 8-1-1937



General Situation

At 8h. on 7-1-1937 — الساعة ٨ يوم ٧-١-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.	مرصد
Dakhla	1029.1	+8.8	NW	1	8.5	16	-6	5	0	60	+5	0	8	—	0	0	dr	—	الداخلة
Limasol	1027	+9	NNE	1	9	—	—	—	—	—	—	0	—	—	—	0	—	222	ليماسول
Haifa	1027.1	+10.7	SSE	1	10.1	16	-2	6	-2	78	+10	0	—	—	—	2	361	349	حيفا
Gaza	1026.7	+9.8	—	0	10.2	16	-3	8	0	96	+20	4	4	—	6	4	224	193	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. 06 m. 53
sunset h. 17 m. 12

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

DAILY WEATHER REPORT

Month *January* 1937 ١٩٣٧ شهر يناير — ١٩٣٧-١-٩ Pressure and Wind at 8 h. *9-1-1937*

At 14h. on *8th* — الساعة ١٤ يوم ٨ — At 8h. on *Saturday 9th* — الساعة ٨ يوم السبت ٩

No.	Region	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1023.0	W	4	15.1	54	1	6	1020.3	+1.8	WSW	4	9.8	16	—	8	—	88	—	2	5	Sc	0	0	72	—
131	MEDITERRANEAN	MATRÛH	1022.2	W	3	15.9	67	1	6	1019.8	+1.1	SW	3	10.0	16	-2	8	0	87	+8	4	6	Sc	2	0	105	80
	MEDITERRANEAN	DIKHEILA																									
132	MEDITERRANEAN	ALEXANDRIA	1023.1	W	3	16.9	63	1	9	1020.7	+1.7	SSW	3	11.1	18	-1	9	-2	75	+1	1	8	Cu	0	0	109	113
	MEDITERRANEAN	DAMIETTA								1022.0	—	S	1	9.0	20	—	6	—	87	—	0	—	—	—	0	36	53
134	MEDITERRANEAN	PORT SAÏD	1022.3	NW	3	20.0	51	1	7	1022.8	+5.3	SW	3	12.3	20	+1	9	-2	73	-4	0	7	—	0	0	20	37
135	MEDITERRANEAN	EL 'ARÎSH	1022.7	—	0	16.4	49	1	6	1022.8	—	SSW	2	11.3	18	—	6	—	72	—	0	6	—	0	0	—	
136	LOWER EGYPT	DAMANHÛR								1022.6	+3.9	SSW	2	8.2	19	-1	7	0	83	-3	0	5	—	1	0	29	49
137	LOWER EGYPT	MANSÛRA								1022.0	—	NW	1	7.8	19	-1	5	-2	82	-1	0	7	—	1	0	11	19
138	LOWER EGYPT	TANTA								1022.4	+2.9	SSW	2	10.0	19	-1	4	-3	74	-11	0	7	—	1	0	17	16
139	LOWER EGYPT	ZAGÂZÎG								1023.1	—	SSW	1	8.3	18	-2	4	-2	79	-5	2	6	—	—	0	6	9
141	MIDDLE EGYPT (CAIRO)	ALMÂZA	1022.4	SSW	1	18.1	57	1	9	1022.6	—	SSE	2	11.8	18	—	4	—	74	—	0	7	—	1	0	—	—
	MIDDLE EGYPT (CAIRO)	EZBEKÎYA	1022.7	—	0	16.6	49	1	—	1022.3	+3.1	SSE	3	9.1	19	0	6	-1	76	-4	3	7	C.	1	0	5	13
	MIDDLE EGYPT (CAIRO)	GÎZA	1022.4	NW	1	19.0	44	1	6	1023.0	+3.2	SSE	2	8.1	20	+1	4	-2	79	-6	1	5	St	1	0	9	11
[illegible]	MIDDLE EGYPT	HELWÂN	1022.6	NW	3	15.1	48	1	8	1023.2	+3.6	E	2	9.2	16	-2	5	-3	68	-1	0	6	—	0	0	10	12
[illegible]	MIDDLE EGYPT	SUEZ								1023.2	+4.5	E	1	10.6	18	-2	8	-2	56	-20	0	—	—	—	0	7	16
[illegible]	UPPER EGYPT	FAIYÛM								1023.5	+4.0	NNE	1	8.0	18	-2	4	-2	67	-10	0	4	—	1	0	4	7
[illegible]	UPPER EGYPT	MINYA								1024.0	+3.7	N	1	8.0	17	-3	4	-2	79	-1	0	6	—	—	0	6	—
[illegible]	UPPER EGYPT	ASYÛT	1022.0	NNW	3	16.2	49	0	7	1023.9	+3.6	NW	3	8.0	18	-2	3	-3	75	+3	0	5	—	0	0	0	4
156	UPPER EGYPT	QENA								1022.0	+2.8	W	2	7.6	20	-3	3	-4	73	+6	0	5	—	0	0	dr	—
157	UPPER EGYPT	LUXOR								1021.9	—	ESE	1	5.0	22	—	2	—	80	—	0	6	—	1	0	dr	—
158	UPPER EGYPT	ASWÂN	1019.4	N	2	20.2	36	2	6	1022.7	+3.5	—	0	9.0	21	-3	5	-5	67	+13	0	6	—	0	0	1	
148	WESTERN DESERT	SÎWA	1023.1	W	4	18.1	55	2	6	1022.0	+2.1	—	0	9.9	17	-2	3	-1	64	-6	2	6	Cu	1	0	25	3
149	WESTERN DESERT	BAHARÎYA	1023.1	N	1	17.0	54	1	8	1023.6	—	—	0	8.2	18	—	3	—	71	—	0	9	—	0	0	17	—
151	WESTERN DESERT	KHÂRGA	1021.9	N	2	16.8	53	0	9	1023.2	+3.6	N	1	14.8	18	-5	4	-2	76	+13	0	9	—	0	0	0	0
152	WESTERN DESERT	DÂKHLA	1022.4	NNE	1	17.5	35	0	4	1025.4	+5.1	WNW	1	6.6	18	-4	3	-2	62	+7	0	4	—	0	0	dr	—
145	RED SEA	TÔR								1021.8	+3.5	N	2	8.5	18	-3	5	-4	54	-5	0	6	—	0	0	3	9
146	RED SEA	HURGHÂDA								1021.9	+3.3	WNW	4	13.0	20	-2	8	-3	50	-8	0	7	—	0	0	dr	0
147	RED SEA	QUSEIR								1021.0	+3.0	W	2	15.8	22	-1	12	-2	42	-8	0	7	—	0	0	tr	7
164	RED SEA	PORT SUDAN								1016.7	+1.2	N	3	21.5	25	-2	17	-3	66	-1	3	—	—	—	0	36	94
165	NORTH SUDAN	WÂDI HALFA								1022.0	+2.8	N	1	7.6	20	-4	5	-3	73	+21	0	8	—	0	0	—	—
166	NORTH SUDAN	KAREIMA								1018.0	+1.2	NNE	1	12.7	25	-5	9	-3	41	+3	0	8	—	0	0	dr	1
167	NORTH SUDAN	'ATBARA								1017.1	+2.2	N	3	16.5	27	-3	12	-2	58	+22	0	—	—	—	0	5	1
168	NORTH SUDAN	KHARTÛM								1014.8	+0.6	N	4	15.9	29	-3	11	-4	40	+4	0	8	—	0	0	4	5
170	NORTH SUDAN	KASSALA								1012.3	-0.4	NE	4	21.0	31	-3	17	+1	57	-5	0	9	—	0	0	0	11
171	CENTRAL SUDAN	WAD MEDANI								1014.4	+1.0	NW	4	16.8	30	-4	12	-3	37	-1	0	—	—	—	0	56	13
173	CENTRAL SUDAN	DUEIM								—	—	N	3	18.4	28	-5	14	0	23	-11	0	—	—	—	0	21	12
182	CENTRAL SUDAN	RENK																									
172	CENTRAL SUDAN	ROSEIRES								1011.9	0.0	WNW	2	19.9	35	-1	16	0	32	-12	0	—	—	—	0	3	37
174	CENTRAL SUDAN	EL OBEID								1015.7	-0.3	N	4	12.7	27	-3	8	-3	58	+22	0	8	—	0	0	23	19
175	CENTRAL SUDAN	EL FÂSHER								1017.4	+3.7	NW	3	7.5	25	-5	4	-6	45	+10	0	—	—	—	0	0	8
176	S. SUDAN	MALAKÂL								1012.0	+0.5	NNE	4	20.5	33	-2	17	-1	33	+6	2	7	Ci Ac	1	0	81	93
177	S. SUDAN	WÂU								1012.2	+1.0	N	3	18.0	31	-4	15	-2	28	-21	0	—	—	—	0	180	146
178	S. SUDAN	JÛBA								1011.1	+0.4	SW	2	24.0	36	-1	18	-2	34	-24	0	9	—	—	0	131	141
179		*Geneina*								—	—	NE	4	9.2	25	—	—	—	87	—	0	8	—	0	0	—	—

Upper Wind Observations on 9th — ارصاد الرياح العليا يوم ٩

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms. per hour	Matruh 07h.00m. Dir.	Matruh Kms.	Helwan 08h.45m. Dir.	Helwan Kms.	Cairo 08h.15m. Dir.	Cairo Kms.	Almaza 07h.30m. Dir.	Almaza Kms.	Asyut 07h.00m. Dir.	Asyut Kms.	Aswan 07h.40m. Dir.	Aswan Kms.	Wadi Halfa 06h.00m. Dir.	Wadi Halfa Kms.	Kareima 06h.00m. Dir.	Kareima Kms.	Khartum 06h.00m. Dir.	Khartum Kms.	El Obeid 06h.00m. Dir.	El Obeid Kms.	Malakal 06h.00m. Dir.	Malakal Kms.	Geneina 07h.15m. Dir.	Geneina Kms.	Abukir (RAF) 07h.00m. Dir.	Abukir Kms.	Ramleh 07h.00m. Dir.	Ramleh Kms.
200	250	22	240	18	150	4	140	21	230	11	—	—	—	—	10	16	—	—	—	—	—	—	—	—	—	—	230	35	80	11
500	—	—	270	45	190	8	220	5	240	6	0	26	0	29	30	35	40	53	10	69	—	—	20	71	—	—	250	31	30	13
1000	Ent. Sc.		260	—	320	18	310	12	240	15	0	32	40	24	10	34	60	53	30	53	30	56	30	69	30	35	270	24	0	23
1500			260	45	60	6	140	2	100	6	20	20	10	14	10	23	40	37	30	24	50	50	40	60	70	42	230	14	330	21
2000					210	14	120	10	170	3					330	23	30	24	50	24	80	18	40	47	80	35	180	18	330	8
3000					280	32	290	62	280	34							20	39			80	24			90	35	290	39	270	3
4000					290	64			290	41																				
5000																														
6000																														

Forecast for 24 hours from noon on *9th*

On the Coast moderate southwest winds veering later to fresh or strong west.
Inland light southerly winds, becoming fresh south to west tomorrow.
Some low cloud later.
Rain in the north probable tomorrow.
Further outlook: Cooler

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٩

رياح جنوبية غربية معتدلة تتحول إلى غربية ثم تشتد فيما بعد على الساحل
رياح خفيفة جنوبية تشتد نوعا وتتحول إلى الجنوبية والغربية غدا
يظهر بعض السحاب المنخفض فيما بعد ويحتمل أنه تمطر في الشمال باكرا
ثم بعدها يأخذ الطقس في البرودة ثانية

Station	Mean of day Humidity % on	Humidity Diff. from normal	Wet Bulb Temp. °C on	Wet Bulb Diff. from normal
Alexandria	75	+4	11.2	+0.2
Ezbekiya	79	+4	9.4	-0.9
Gîza	83	+4	9.0	-1.4
Helwân	68	+4	8.3	-0.7

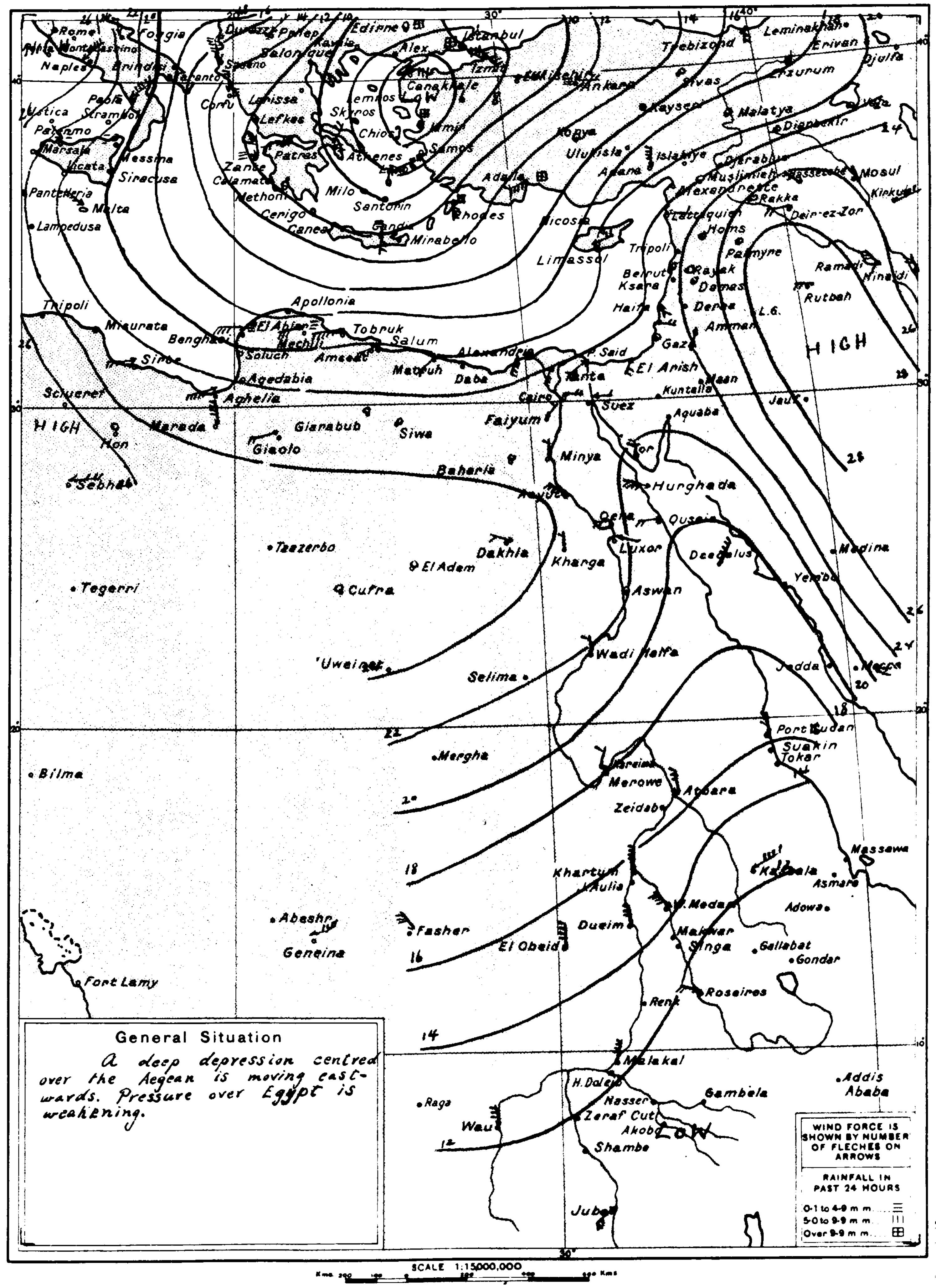
Gîza Grass minimum on 9th 0.0 °c

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
9-1	1097	1217
8-1	1096	1219

Gauge	Date 1937	Reading m	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9-1	13.25	-0.16	13.25	-0.16
Nâsser	8-1	5.85	-1.13	5.91	-1.16
Malakâl	9-1	10.72	-0.73	10.74	-0.74
Roseires	9-1	12.68	+0.44	12.70	+0.42
Sennâr Res.	8-1	20.69	—	20.69	—
Khartûm	8-1	10.94	-0.27	10.96	-0.27
Kh. el Girba					
'Atbara	8-1	10.60	-0.15	10.62	-0.14
Kajnarti	8-1	133.74	-0.28	133.74	-0.30
Wâdi Halfa					
Aswân Res.	9-1	120.63	—	120.59	—
,, D.S.	9-1	86.08	-0.11	86.09	-0.10
El Leisi	9-1	18.35	-0.01	18.35	-0.03
Rôda (Cairo)	9-1	14.57	-0.26	14.57	-0.27

Printed by the Survey of Egypt, 1936. (36/530)



General Situation

A deep depression centred over the Aegean is moving eastwards. Pressure over Egypt is weakening.

At 8 h. on *8-1-1937* — الساعة ٨ يوم ٨-١-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1024	+6	NNW	1	7	—	—	—	—	—	—	2	—	—	—	0	—	225	ليماسول
Haifa	1025.2	+8.8	ESE	1	9.7	16	-2	6	-2	54	-4	0	—	—	—	0	361	356	حيفا
Gaza	1024.2	+7.3	—	0	6.1	18	0	4	-4	87	+11	1	6	—	1	0	224	176	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO
Time of sunrise 06.59.
sunset 17.13.

Month January 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٠-١-١٩٣٧

1417 F.C.

No.	Station	At 14h. on 9th – Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 10th – Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1017.4	WSW	5	16.6	55	3	6	1017.9	-0.6	W	3	10.4	17	—	9	—	91	—	4	4	Sc	5	dr	72	—
131	MATRÛH	1017.1	WSW	5	16.9	72	4	6	1017.0	-1.7	SSW	2	11.2	17	-1	10	+2	86	+7	4	6	Sc	2	0	105	82
	DIKHEILA																									
132	ALEXANDRIA	1019.5	SSW	4	16.4	50	3	9	1017.4	-1.6	SW	1	12.8	18	-1	11	0	74	0	4	6	Ac	2	0	109	114
	DAMIETTA								1018.0	—	SSW	1	10.0	20	—	8	—	74	—	4	—	—	—	0	36	54
134	PORT SAÏD	1020.7	SW	3	19.5	45	0	7	1018.8	+1.3	SW	3	11.0	20	+1	9	-2	75	-2	2	6	Cc	1	0	20	38
135	EL 'ARÎSH	1020.8	—	0	17.2	57	0	6	1018.7	—	S	2	12.2	18	—	5	—	65	—	1	6	St	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1018.2	-0.5	SW	2	9.8	19	-1	8	+1	74	-12	3	6	—	1	0	29	50
137	MANSÛRA								1017.6	—	SW	1	8.6	20	0	7	0	77	-6	3	4	—	1	0	11	20
138	TANTA								1018.4	-1.2	SW	2	8.5	21	+1	8	+1	73	-12	3	7	—	1	0	17	16
139	ZAGÂZÎG								1018.4	—	SW	1	11.9	19	-1	6	0	67	-17	3	6	—	—	0	6	9
	MIDDLE EGYPT																									
141	CAIRO – ALMÂZA	—	—	—	—	—	—	—	1019.2	—	SSE	2	12.2	20	—	8	—	68	—	2	7	Cs	1	0	+	—
	CAIRO – EZBEKÎYA	1019.9	S	1	18.9	45	1	8	1018.4	-0.8	S	2	9.8	21	+2	8	+1	68	-12	2	4	Cc	1	0	5	14
	CAIRO – GÎZA	1019.8	SE	1	20.9	35	1	6	1018.6	-1.2	SSE	2	8.9	22	+3	6	0	74	-11	2	5	Sc	1	0	9	11
143	HELWÂN	1020.3	—	0	17.3	44	0	9	1019.4	-0.2	—	0	11.0	18	0	8	0	54	-15	1	8	Cc	0	0	10	12
144	SUEZ								1019.0	+0.4	NE	1	10.5	18	-2	8	-2	55	-21	1	—	—	—	0	7	16
	UPPER EGYPT																									
153	FAIYÛM								1019.2	-0.3	—	0	9.8	21	+1	4	-2	64	-13	2	4	—	1	0	4	7
154	MINYA								1019.8	-0.5	N	1	7.0	18	-2	4	-2	57	-23	2	5	—	—	0	6	—
155	ASYÛT	1019.8	NNW	3	18.0	46	0	7	1019.8	-0.5	WSW	3	9.2	19	-1	3	-3	71	-1	0	6	—	0	0	0	4
156	QENA								1018.6	-0.6	WSW	1	7.0	21	-2	3	-4	61	-6	0	5	—	0	0	dr	—
157	LUXOR								1017.9	—	ESE	1	4.8	21	—	1	—	81	—	0	6	—	0	0	dr	—
158	ASWÂN	1017.6	N	2	19.7	34	1	6	1017.8	-1.4	—	0	9.4	20	-4	7	-3	62	+8	0	6	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1019.6	WNW	2	19.2	42	1	6	—	—	—	0	10.1	19	0	5	+1	63	-7	4	6	Cu	1	0	25	3
149	BAHARÎYA	1020.0	W	1	18.2	49	0	9	1019.9	—	—	0	8.0	19	—	3	—	67	—	4	8	As	2	0	17	—
151	KHÂRGA	1019.4	N	3	18.4	63	0	9	1019.5	-0.1	N	1	11.0	19	-4	4	-2	75	+12	0	9	—	0	0	0	0
152	DÂKHLA	1020.7	NNW	1	17.0	34	0	9	1021.1	+0.8	—	0	4.5	18	-4	1	-4	68	+13	0	9	—	0	0	dr	—
	RED SEA																									
145	TÔR								1018.2	-0.1	N	2	8.5	19	-2	3	-4	54	-5	0	6	—	0	0	3	9
146	HURGHÂDA								1017.4	-1.2	WNW	3	14.0	18	-4	8	-3	49	-9	0	7	—	0	0	dr	0
147	QUSEIR								1018.0	0.0	W	2	17.0	21	-2	12	-2	49	-1	0	7	—	0	0	tr	7
169	PORT SUDAN								1014.6	-0.9	N	2	21.4	26	-1	19	-1	72	+5	3	—	—	—	0	36	94
	NORTH SUDAN																									
165	WÂDI HALFA								1016.8	-2.4	N	2	7.9	20	-4	5	-3	59	+7	0	8	—	0	—	—	—
166	KAREIMA								1015.6	-1.2	NE	1	13.0	26	-4	8	-4	43	+5	0	8	—	0	0	dr	1
167	'ATBARA								1013.8	-1.1	N	3	17.4	28	-2	13	-1	57	+22	0	—	—	—	0	5	1
168	KHARTÛM								1012.2	-2.0	N	3	17.2	30	-2	13	-2	41	+6	2	8	Ci	1	0	4	5
170	KASSALA								1010.2	-2.5	NE	2	20.4	31	-3	16	0	81	+19	0	9	—	0	0	0	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.2	-2.2	NW	3	18.0	31	-3	14	-1	53	+15	0	—	—	—	0	56	13
173	DUEIM								—	—	N	3	18.6	29	-4	14	0	26	-7	0	—	—	—	0	21	12
182	RENK									—					—		—		—							
172	ROSEIRES																									
174	EL OBEID								1013.7	-2.3	NNW	2	13.0	27	-3	9	-2	55	+19	0	8	Ci	1	0	23	19
175	EL FÂSHER								1015.2	+1.0	NNE	1	5.5	28	-2	1	-9	34	-1	0	—	—	—	0	0	8
	S. SUDAN																									
176	MALAKÂL								1010.0	-1.5	N	4	21.0	33	-2	15	-3	33	+6	2	8	Ci	1	0	81	93
177	WÂU								1010.2	-1.0	NW	3	20.0	31	-4	16	-1	25	-24	1	—	—	—	0	180	146
178	JÛBA								1011.1	+0.4	NW	2	25.0	36	-1	19	-1	34	-23	0	9	—	—	0	131	141
179	Geneina								—	—	NE	2	7.4	27	—	—	—	85	—	0	8	—	0	—	—	—

Upper Wind Observations on 10th ارصاد الرياح العليا يوم ١٠

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms. per hour	Matruh 07h.00m. Dir.	Matruh Kms.	Helwan 07h.00m. Dir.	Helwan Kms.	Cairo 06h.15m. Dir.	Cairo Kms.	Almaza 07h.30m. Dir.	Almaza Kms.	Asyut 07h.00m. Dir.	Asyut Kms.	Aswan 07h.00m. Dir.	Aswan Kms.	W. Halfa 06h.00m. Dir.	W. Halfa Kms.	Kareima 06h.00m. Dir.	Kareima Kms.	Khartum 06h.00m. Dir.	Khartum Kms.	Malakal 07h.00m. Dir.	Malakal Kms.	Ismailia R.A.F. 07h.00m. Dir.	Ismailia Kms.	Ramleh R.A.F. 07h.00m. Dir.	Ramleh Kms.	Geneina 08h.00m. Dir.	Geneina Kms.	Salum 13h.00m. Dir.	Salum Kms.
200	270	10	290	25	160	8	230	15	250	19	—	—	—	—	20	21	—	—	—	—	—	—	230	21	160	10	—	—	250	28
500	—	—	290	25	260	17	280	19	270	25	0	20	40	37	50	39	40	50	30	53	20	63	250	21	120	5	—	—	—	—
1000	250	8	Ent	St	290	15	280	18	260	17	10	25	20	29	40	31	50	42	50	50	30	66	270	21	200	10	30	35	260	46
1500	290	11			320	7	300	9	300	13			290	11	20	11	30	24	40	42	90	32	290	18	240	18	30	14		
2000	310	35			230	31	230	27	240	21					330	14	20	14	50	26	70	11	230	31			40	18		
3000	Ent	Sc			240	35	250	42	260	48							20	8	60	31			240	55			10	10		
4000					[illegible]																									
5000					Ci.																									
6000																														

Forecast for 24 hours from noon on 10th
On the coast moderate westerly winds.
Inland moderate winds between south and west.
Much cloud.
Light rain probable near the coast.
Changeable.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٠
رياح معتدلة غربية على السواحل
داخل البلاد رياح معتدلة بين جنوبية وغربية في الداخل
كثرة السحاب
يحتمل تساقط مطر خفيف بالقرب من السواحل
والطقس متقلب

Station	Mean of day – Humidity % on	Diff. from normal	Wet bulb temp. °C on	Diff. from normal
Alexandria	68	+2	10.3	-0.6
Ezbekiya	69	-1	9.5	-0.8
Giza	71	-3	8.9	-1.5
Helwân	55	-4	9.1	+0.2

Giza Grass minimum 10th 2.0 °C

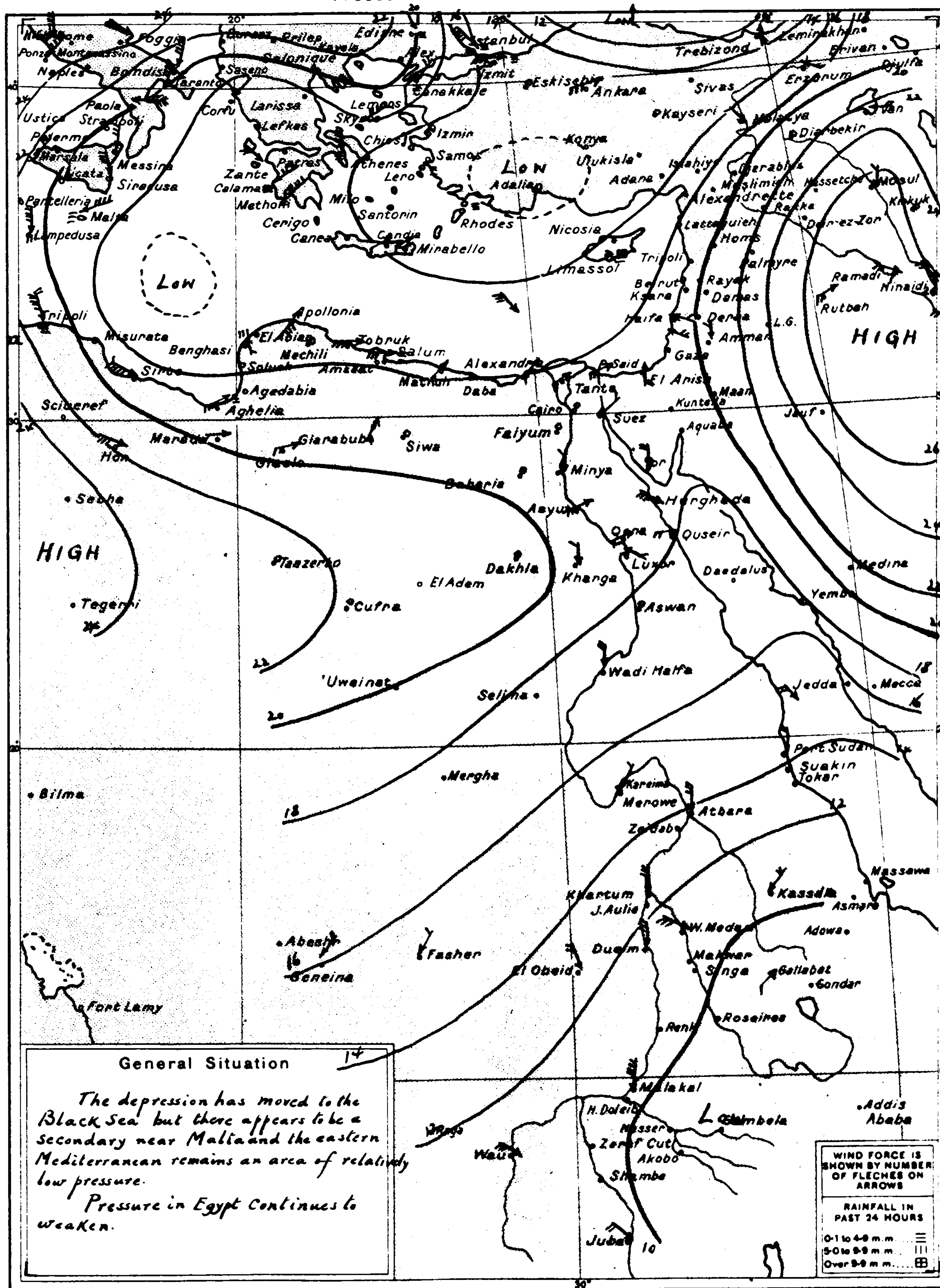
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
10.1	1100	1219
9.1	1099	1217

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10.1	13.24	-0.17	13.25	-0.16
Nâşer	9.1	5.93	-0.98	5.85	-1.13
Malakâl	10.1	10.69	-0.73	10.72	-0.73
Roşeireş	9.1	12.68	+0.44	12.70	+0.42
Sennâr Res.	9.1	20.70	—	20.69	—
Khartûm	9.1	10.94	-0.25	10.94	-0.27
Kh. el Girba					
'Atbara	10.1	10.56	-0.16	10.57	-0.16
Kajnarti	9.1	133.71	-0.29	133.74	-0.28
Wâdi Halfa					
Aswân Res.	10.1	120.66	—	120.63	—
,, D.S.	10.1	86.08	-0.11	86.08	-0.11
El Leisi	10.1	18.35	0.00	18.35	-0.01
Rôda (Cairo)	10.1	14.55	-0.27	14.81	-0.26

Printed by the Survey of Egypt, 1936. (36/530)

Pressure and Wind at 8h. 10-1-1937



General Situation

The depression has moved to the Black Sea but there appears to be a secondary near Malta and the eastern Mediterranean remains an area of relatively low pressure.
Pressure in Egypt continues to weaken.

SCALE 1:15,000,000

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

Present Weather	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

Cloud Form	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

At 8h. on 9-1-1937 الساعة ٨ يوم ٩-١-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1020	+2	NE	2	11	—	—	—	—	—	—	3	—	—	—	0	—	228	ليماسول
Haifa	1023.5	+7.2	SSE	1	10.1	16	-2	6	-2	79	+11	0	—	—	—	0	361	363	حيفا
Gaza	1023.0	+6.2	—	0	7.4	18	0	5	-3	89	+13	0	9	—	0	0	224	199	غزة

Hours are Egyptian Standard Time Long. 30° E and are two hours fast on Greenwich Mean Time

Remarks

Annual Subscription
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

CAIRO
Time of sunrise 06 h. 53 m.
sunset 17 h. 14 m.

Month *January* 1937 ١٩٣٧ شهر يناير

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

DAILY WEATHER REPORT

At 14h. on 10th الساعة ١٤ يوم ١٠ — At 8h. on Monday 11th الساعة ٨ يوم الاثنين ١١

No.	STATION	14h. Barometric Pressure Reduced to M.S.L. m.b.	14h. Wind Dir.	14h. Wind Force	14h. Temperature °C	14h. Humidity %	14h. Present Weather	14h. Visibility	8h. Bar. Pressure Reduced to M.S.L. m.b.	8h. Diff. from normal m.b.	8h. Wind Dir.	8h. Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1014.6	SW	2	16.3	44	2	6	1012.3	-6.2	W	5	6.5	17	—	5	—	83	—	2	5	Cb	5	dr	72	—
131	MATRÛH	1014.3	NNW	3	15.8	82	4	6	1010.7	-8.0	WSW	6	7.9	17	-1	7	-1	89	+10	1	6	Sc	1	0	105	83
	DIKHEILA																									
132	ALEXANDRIA	1015.4	SW	4	16.1	70	3	8	1011.8	-7.2	SSW	6	9.1	17	-2	8	-3	66	-8	2	7	Cu	0	0	109	116
	DAMIETTA								1012.6	—	SSW	2	8.0	19	—	6	—	75	—	0	—	—	—	0	36	55
134	PORT SAÏD	1015.5	SW	3	18.5	52	2	7	1013.5	-4.0	SSW	4	11.3	20	+1	9	-2	66	-11	1	7	Cc	1	0	20	38
135	EL 'ARÎSH	1015.9	WNW	1	16.6	55	1	6	1013.4	—	SSW	1	13.6	18	—	8	—	61	—	1	6	Cu	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1012.7	-6.0	SSW	4	8.9	19	-1	7	0	63	-23	2	7	—	1	0	29	51
137	MANSÛRA								1013.1	—	S	1	7.0	20	0	4	-3	74	-9	0	7	—	1	0	11	20
138	TANTA								1013.3	-6.3	SW	2	9.0	19	-1	4	-3	73	-12	0	7	—	1	0	17	17
139	ZAGÂZÎG								1013.5	—	SW	2	9.9	18	-2	5	-1	68	-16	1	7	—	—	0	6	9
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1016.7	WSW	2	19.5	58	3	8	1014.6	—	S	4	10.3	20	—	6	—	73	—	0	7	Ac	2	0	—	—
	CAIRO EZBEKÎYA	1015.8	S	2	20.4	42	3	8	1014.2	-5.0	SSE	3	8.4	21	+2	6	-1	76	-4	0	4	—	1	0	5	14
	CAIRO GÎZA	1015.6	—	0	21.0	40	3	6	1014.4	-5.5	SE	3	7.6	22	+3	6	0	77	-8	0	5	—	1	0	9	12
143	HELWÂN	1016.3	SSW	2	17.9	41	4	8	1015.0	-4.6	SSE	3	7.7	19	+1	6	-2	68	-1	0	6	—	1	0	10	12
144	SUEZ								1014.7	-3.9	SW	2	14.8	19	-1	8	-2	49	-27	0	—	—	—	0	7	16
	UPPER EGYPT																									
153	FAIYÛM								1015.5	-4.0	SSE	1	8.1	21	+1	3	-3	62	-15	1	5	—	1	0	4	7
154	MINYA								1017.4	-2.9	N	1	9.5	17	-3	6	0	67	-13	0	7	—	—	0	6	—
155	ASYÛT	1015.9	NNE	3	19.2	47	0	7	1017.9	-2.4	ESE	2	7.2	21	+1	3	-3	84	+12	0	6	—	0	0	0	4
156	QENA								1016.7	-2.5	WSW	2	8.0	21	-2	4	-3	75	+8	0	5	—	0	0	dr	—
157	LUXOR								1016.6	—	ESE	1	5.4	23	—	2	—	86	—	0	6	—	0	0	dr	—
158	ASWÂN	1013.4	NW	1	22.1	36	0	6	1016.6	-2.6	—	0	9.9	23	-1	6	-4	51	-3	0	6	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1015.9	W	2	19.1	53	0	6	1019.4	-0.5	WNW	3	10.2	20	+1	3	-1	66	-4	0	6	—	0	0	25	3
149	BAHARÎYA	1016.7	NW	1	18.0	49	1	8	1018.2	—	W	7	9.0	19	—	5	—	63	—	0	9	—	0	0	17	—
151	KHÂRGA	1015.5	N	2	18.3	60	0	9	1018.2	-1.4	—	0	10.4	19	-4	3	-3	69	+6	0	9	—	0	0	0	0
152	DÂKHLA	1016.4	NW	1	17.8	33	0	9																		—
	RED SEA																									
145	TÔR								1014.3	-4.0	N	0	9.0	20	-1	5	-4	61	+2	0	6	—	0	0	3	9
146	HURGHÂDA								1013.5	-5.0	WNW	3	13.0	21	-1	7	-4	50	-8	0	7	—	1	0	dr	0
147	QUSEIR								1014.4	-3.6	WNW	2	17.1	22	-1	13	-1	51	+1	0	7	—	0	1	1	7
169	PORT SUDAN								1013.3	-2.2	N	2	24.0	25	-2	21	+1	79	+13	3	—	—	—	0	36	94
	NORTH SUDAN																									
165	WÂDI HALFA								1018.4	-0.8	N	2	8.2	21	-3	5	-3	59	+7	0	9	—	0	—	—	—
166	KAREIMA								1014.3	-2.5	N	1	13.7	27	-3	10	-2	37	-1	0	8	—	0	0	dr	1
167	'ATBARA								1012.6	-2.3	NE	2	19.0	29	-1	15	+1	46	+11	0	—	—	—	0	6	1
168	KHARTÛM								1011.4	-2.8	NNW	3	18.4	32	0	13	-2	40	+5	0	8	—	0	0	4	5
170	KASSALA								1009.3	-3.4	NE	1	20.9	35	+1	16	0	74	+12	0	9	—	0	0	0	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1010.7	-2.7	NW	3	17.8	32	-2	14	-1	42	+4	0	—	—	—	0	56	13
173	DUEIM								—	—	N	3	21.4	31	-2	15	+1	15	-18	0	—	—	—	0	21	12
182	RENK									—					—		—		—							
172	ROSEIRES																									
174	EL OBEID								1012.3	-3.7	NNW	2	14.8	30	0	11	0	43	+8	0	8	—	0	0	23	19
175	EL FÂSHER								1015.6	+1.4	NE	1	8.0	29	-1	4	-6	34	-1	0	—	—	—	0	0	8
	S. SUDAN																									
176	MALAKÂL								1010.2	-1.3	NNE	2	21.8	35	0	17	-1	36	+9	4	8	Ci,Ac	2	0	81	93
177	WÂU								1010.4	-0.8	N	2	20.0	33	-2	15	-2	55	+7	0	—	—	—	0	180	146
178	JÛBA								1009.9	-0.8	NW	2	26.0	37	0	20	0	36	-21	0	9	—	—	0	131	141
179	Geneina								—	—	ENE	3	9.1	29	—	—	—	87	—	0	8	—	0	—	—	—
180	Gallabat								—	—	E	1	25.0	—	—	—	—	34	—	0	—	—	—	0	—	—

Upper Wind Observations on 11th ارصاد الرياح العليا يوم ١١

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms. per hour	Matruh 07h.00m. Dir.	Matruh Kms.	Helwan 08h.45m. Dir.	Helwan Kms.	Cairo 08h.15m. Dir.	Cairo Kms.	Almaza 07h.30m. Dir.	Almaza Kms.	Asyut 07h.00m. Dir.	Asyut Kms.	Aswan 07h.00m. Dir.	Aswan Kms.	W.Halfa 06h.00m. Dir.	W.Halfa Kms.	Kareima 06h.00m. Dir.	Kareima Kms.	Khartum 06h.00m. Dir.	Khartum Kms.	Malakal 07h.00m. Dir.	Malakal Kms.	El Obeid 06h.00m. Dir.	El Obeid Kms.	Geneina 06h.45m. Dir.	Geneina Kms.	Salum 10th 13h.00m. Dir.	Salum 10th Kms.	Juba 10th 11h.30m. Dir.	Juba 10th Kms.
200	270	23	260	34	190	26	210	40	210	33	—	—	—	—	10	19	—	—	—	—	—	—	—	—	—	—	180	6	—	—
500	—	—			230	50	240	56	230	76	300	38	0	33	10	39	30	37	10	56	20	66	—	—	—	—	—	—	10	10
1000	290	28			250	43	250	54	240	42	290	32	280	15	0	27	30	27	20	47	30	56	20	50	30	35	220	23	350	11
1500					260	59			250	49	280	36	280	29	20	14	10	24	20	21	10	14	70	23	70	19	230	29	30	16
2000									250	50					70	11	10	27	30	34			350	19	350	10	Ext.	St	110	21
3000																							250	18						
4000																							220	18						
5000																														
6000																														

Forecast for 24 hours from noon on 11th

On the coast, fresh to strong southwest to northwest winds at times of gale force.
Inland fresh to strong southwest to west winds.
Much low cloud.
Rain near the coast. Scattered showers probable inland.
Unsettled. Cooler.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١١

رياح ما بين الشديدة نوعا والشديدة جنوبية غربية الى شمالية غربية تصل لدرجة العاصفة أحيانا على الساحل
ورياح شديدة نوعا الى شديدة جنوبية غربية الى غربية فى الداخل . سحب كثيرة المنخفضة أحيانا وتمطر بالقرب من الساحل ويحتمل أمطار متفرقة أيضا فى أنحاء متفرقة فى الداخل والطقس متقلب ويزداد برودة

STATION	Mean of day Humidity % on 11th	Humidity Diff. from normal	Wet Bulb Temp. °c on 11th	Wet Bulb Diff. from normal
Alexandria	62	-4	11.3	+0.3
Ezbekiya	61	-9	10.1	-0.1
Giza	69	-5	9.7	-0.7
Helwân	51	-8	9.3	+0.4

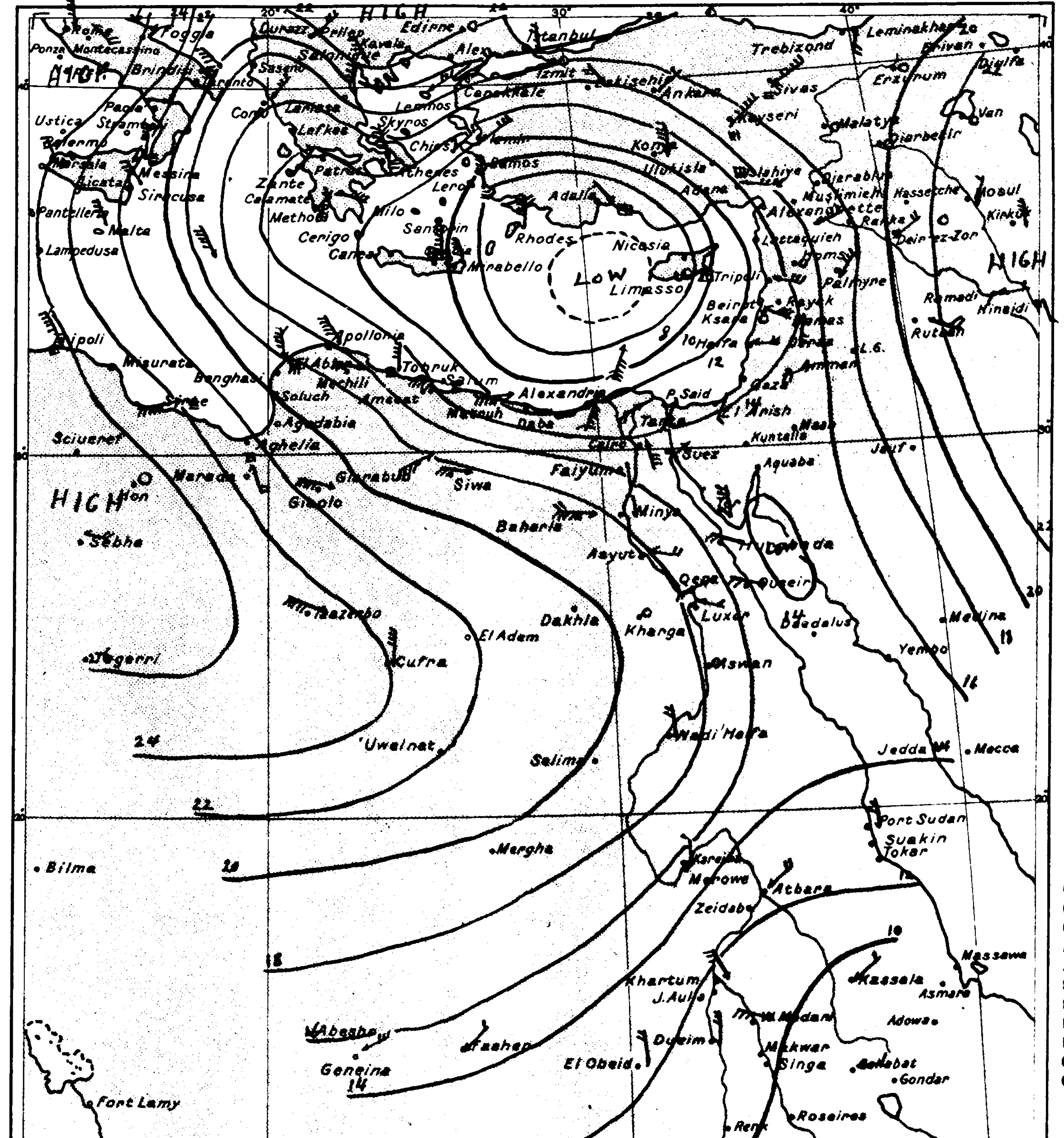
Gîza Grass minimum on 11th 4.0 °c

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
11.1	1101	1217
10.1	1100	1219

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11.1	13.24	-0.17	13.25	-0.16
Nâsser *	11.1	5.91	-0.91	5.93	-0.98
Malakâl	11.1	10.67	-0.72	10.69	-0.73
Roseires	9.1	12.68	+0.44	12.70	+0.42
Sennâr Res.	10.1	20.70	—	20.70	—
Khartûm	10.1	10.93	-0.24	10.94	-0.25
Kh. el Girba					
'Atbara	11.1	10.54	-0.17	10.56	-0.16
Kajnarti	10.1	133.68	-0.30	133.71	-0.29
Wâdi Halfa					
Aswân Res.	11.1	120.70	—	120.66	—
,, D.S.	11.1	86.07	+0.12	86.08	-0.11
El Leisi	8.1	18.30	-0.03	18.35	0.00
Rôda (Cairo)	11.1	14.55	-0.27	14.55	-0.27

١٩٣٧-١-١١ Pressure and Wind at 8h. *11-1-1937*



General Situation

Low pressure over the eastern Mediterranean has intensified, and pressure over Egypt has fallen.
High pressure extends from central Europe across the central Mediterranean.

At 8h. on *10-1-1937* الساعة ٨ يوم ١٠-١-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1016	-2	SSE	1	12	—	—	—	—	—	—	6	—	—	—	Rain	—	232	ليماسول
Haifa	1020.2	+3.9	ESE	1	10.7	16	-2	6	-2	53	-15	4	—	—	—	0	361	369	حيفا
Gaza	1020.3	+3.5	—	0	10.4	18	0	6	-2	76	0	0	9	—	0	0	224	202	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

** Nasser River Gauge Reading for 12.11.36 published on 13th Nov. 11.36 should read 10.39 instead of 10.42 M.*

ملحوظة . صحة قراءة مقياس النيل بالناصر يوم ١٢-١١-١٩٣٦ المذكورة بنشرة يوم ١٣-١١ سنة ١٩٣٦ ١٠٫٣٩ بدلا من ١٠٫٤٢ مترا

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MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

CAIRO Time of sunrise h. 06 m. 53 — sunset h. 17 m. 15

Month *January* 1937 ١٩٣٧ شهر يناير

No.	Region	STATION	14h. (11th) Bar. Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h. (Tuesday 12th) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1013.6	WNW	4	12.8	62	2	6	1018.3	-0.2	W	4	5.2	14	—	4	—	83	—	1	5	Cu	5	dr	72	—
131	Mediterranean	MATRÛH	1010.8	WNW	4	11.9	99	4	6	1015.5	-3.2	WSW	5	7.2	16	-2	7	-1	98	+19	2	6	Sc	6	2	107	85
	Mediterranean	DIKHEILA																									
132	Mediterranean	ALEXANDRIA	1010.4	SW	8	13.9	60	3	7	1015.0	-4.0	SW	7	8.3	15	-4	6	-5	86	+12	3	8	Cb	6	4	113	118
	Mediterranean	DAMIETTA								1015.2	—	SSW	3	8.0	16	—	6	—	72	—	0	—	—	—	0	36	56
134	Mediterranean	PORT SAÏD	1011.1	SW	5	15.9	47	0	7	1016.7	-0.7	SW	6	9.4	17	-2	8	-3	69	-8	0	7	—	0	0	20	39
135	Mediterranean	EL ARÎSH	1011.6	WSW	3	17.0	46	2	7	1017.0	—	SSW	2	13.2	18	—	8	—	73	—	0	6	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1016.6	-2.1	SW	4	7.1	15	-5	6	-1	77	-9	1	7	—	3	1	30	52
137	Lower Egypt	MANSÛRA								1015.9	—	SW	2	7.9	17	-3	5	-2	71	-12	0	7	—	Hail	dr	11	21
138	Lower Egypt	TANTA								1017.1	-2.5	WSW	5	8.0	16	-4	4	-3	72	-13	0	7	—	0	0	17	17
139	Lower Egypt	ZAGÂZÎG								1017.8	—	SW	4	8.9	14	-6	5	-1	70	-14	1	8	—	—	0	6	10
141	Middle Egypt (Cairo)	ALMÂZA	1013.4	WSW	6	16.2	22	7	4	1018.7	—	SSW	5	8.1	17	—	4	—	59	—	0	7	—	4	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1012.7	W	4	16.7	39	1	6	1018.8	-0.4	SSE	4	6.3	17	-2	5	-2	78	-2	0	6	—	3	0	5	14
	Middle Egypt (Cairo)	GÎZA	1010.2	W	2	17.8	34	1	5	1019.1	-0.8	S	1	5.9	18	-1	4	-2	77	-8	0	5	—	1	0	9	12
143	Middle Egypt	HELWÂN	1013.1	SW	5	16.2	31	0	6	1019.9	+0.3	SSE	3	6.0	16	-2	3	-5	63	-6	0	5	—	1	0	10	13
144	Middle Egypt	SUEZ								1018.6	0.0	SW	2	13.5	18	-2	11	+1	41	-35	0	—	—	—	0	7	16
153	Upper Egypt	FAIYÛM								1020.2	+0.7	WSW	1	7.8	18	-2	4	-2	62	-15	0	6	—	1	0	4	7
154	Upper Egypt	MINYA								1022.0	+1.7	NNW	1	8.3	18	-2	5	-1	65	-15	0	8	—	—	0	6	—
155	Upper Egypt	ASYUT	1017.2	WSW	3	18.0	44	0	7	1022.3	+2.0	WSW	3	8.7	19	-1	5	-1	67	-5	0	6	—	0	0	0	4
156	Upper Egypt	QENA								1021.8	+2.6	W	1	7.6	20	-3	3	-4	64	-3	0	5	—	0	0	dr	—
157	Upper Egypt	LUXOR								1021.8	—	WNW	1	10.9	20	—	5	—	61	—	8	4	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1015.2	NW	1	20.1	29	0	6	1021.0	+1.8	—	0	8.3	21	-3	6	-3	55	+1	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1017.8	NNW	3	15.9	54	0	6	1020.6	+0.7	—	0	10.4	16	-3	6	+2	76	+6	0	6	—	0	0	25	3
149	Western Desert	BAHARÎYA	1016.3	W	9	15.3	54	7	0	1021.5	—	WSW	3	12.2	16	—	5	—	29	—	0	9	—	0	0	17	—
151	Western Desert	KHARGA	1016.6	N	4	18.5	60	0	9	1023.4	+3.8	—	0	9.0	19	-4	2	-4	84	+21	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1017.9	NW	5	16.8	31	0	3	1024.0	+3.7	W	1	5.9	17	-5	1	-4	65	+10	0	9	—	0	0	dr	—
145	Red Sea	TOR								1019.8	+1.6	N	1	8.9	20	-1	6	-3	62	+3	2	6	—	0	0	3	9
146	Red Sea	HURGHÂDA								1016.3	-2.2	WNW	3	12.5	22	0	7	-3	47	-11	0	7	—	0	0	dr	0
147	Red Sea	QUSEIR								1019.5	+1.5	WSW	2	14.2	24	+1	11	-3	43	-7	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN								1014.6	-0.9	N	1	23.1	27	0	22	+2	90	+24	3	—	—	—	1	37	94
165	North Sudan	WADI HALFA								1022.2	+3.0	N	2	7.8	20	-4	5	-3	59	+7	0	8	—	0	0	—	—
166	North Sudan	KAREIMA								1017.2	+0.4	N	2	12.8	28	-1	9	-3	26	-11	0	8	Cs	0	0	dr	1
167	North Sudan	'ATBARA								1014.6	-0.3	N	4	14.2	30	0	15	+1	34	-1	0	—	—	—	0	5	1
168	North Sudan	KHARTÛM								1014.9	+0.7	NW	4	15.2	33	+1	13	-2	36	+1	0	8	—	0	0	4	5
170	North Sudan	KASSALA								1011.2	-1.5	ESE	1	20.9	34	0	17	+1	74	+12	0	9	—	0	0	0	11
171	Central Sudan	WAD MEDANI								1011.9	-1.5	NW	4	19.0	33	-1	15	0	24	-14	0	—	—	—	0	56	13
173	Central Sudan	DUEIM								—	—	NNW	3	19.6	32	-1	15	+1	21	-12	0	—	—	—	0	21	12
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1011.2	-0.7	WNW	2	21.8	36	0	17	+1	36	-8	0	—	—	—	0	3	37
174	Central Sudan	EL OBEID								1015.1	-0.9	NNW	3	13.4	29	-1	11	0	47	+12	0	8	—	1	0	23	19
175	Central Sudan	EL FÂSHER																									
176	S. Sudan	MALAKÂL								1010.8	-0.7	NNE	4	22.0	34	-1	18	0	23	-4	2	7	—	1	0	81	93
177	S. Sudan	WAU								1010.3	-0.9	NW	3	21.0	35	0	18	+1	30	-18	0	—	—	—	0	180	146
178	S. Sudan	JÛBA								1009.3	-1.4	NNE	2	25.0	37	0	19	-1	44	-13	0	9	—	—	0	131	141
179		Geneina								—	—	N	4	11.1	33	—	9	—	87	—	0	8	—	0	—	—	—
180		Gullabat								—	—	—	0	24.9	—	—	—	—	47	—	0	—	—	—	0	—	—

Upper Wind Observations on 12th — ارصاد الرياح العليا يوم ١٢

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms per hour	Matruh 07h.00m. Dir.	Matruh Kms	Almaza 07h.30m. Dir.	Almaza Kms	Cairo 08h.15m. Dir.	Cairo Kms	Helwan 08h.45m. Dir.	Helwan Kms	Asyut 07h.00m. Dir.	Asyut Kms	Aswan 07h.00m. Dir.	Aswan Kms	Wadi Halfa 06h.00m. Dir.	Wadi Halfa Kms	Kareima 07h.00m. Dir.	Kareima Kms	Khartum 06h.00m. Dir.	Khartum Kms	Geneina 07h.00m. Dir.	Geneina Kms	El Obeid 06h.00m. Dir.	El Obeid Kms	Malakal 07h.00m. Dir.	Malakal Kms	Salum 11th 13h.00m. Dir.	Salum 11th Kms	Juba 11th 11h.00m. Dir.	Juba 11th Kms
200	270	21	290	38	240	62	220	39	190	17	—	—	—	—	20	23	—	—	—	—	—	—	—	—	—	—	270	19	—	—
500	—	—	280	40	250	57	260	56	240	44	330	37	340	46	20	53	30	50	0	42	—	—	—	—	20	63	—	—	30	14
1000	310	38	Ext Sc.		260	57	260	55	260	54			350	48	10	50	30	34	10	64	30	32	10	53	30	72	310	37	340	13
1500	320	54			240	79	270	87	250	66			310	21	350	21	40	24	60	24	60	40	60	32	60	34	320	30	20	18
2000					250	85									350	24	0	11	50	29	40	6	70	21	80	21			10	8
3000																							180	5					30	14
4000																							230	8						
5000																														
6000																														

Forecast for 24 hours from noon on 12th

On the coast strong southwest winds, at times of gale force, veering later to northwest.

Inland fresh to strong winds between southwest and northwest.

Much low cloud. Rain near the coast; Scattered showers probable inland.

Remaining cool and unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٢
رياح جنوبية غربية شديدة على الساحل تصل احيانا الى حد العاصفة ثم تتغير الى شمالية غربية
ورياح بين المعتدلة والشديدة بين جنوبية غربية وشمالية غربية في الداخل
كثير من السحب المنخفضة - يسقط المطر بالقرب من الساحل ويحتمل ان ينزل رذاذ
أمطار متفرقة في الداخل - يستمر الطقس مائلا الى البرودة وغير مستقر

STATION	Mean of day: Humidity % on 11th	Diff. from normal	Wet Bulb Temp. °C on 11th	Diff. from normal
Alexandria	79	+13	9.3	-1.4
Ezbekiya	60	-9	8.5	-1.7
Gîza	59	-14	7.9	-2.4
Helwân	53	-5	7.2	-1.7

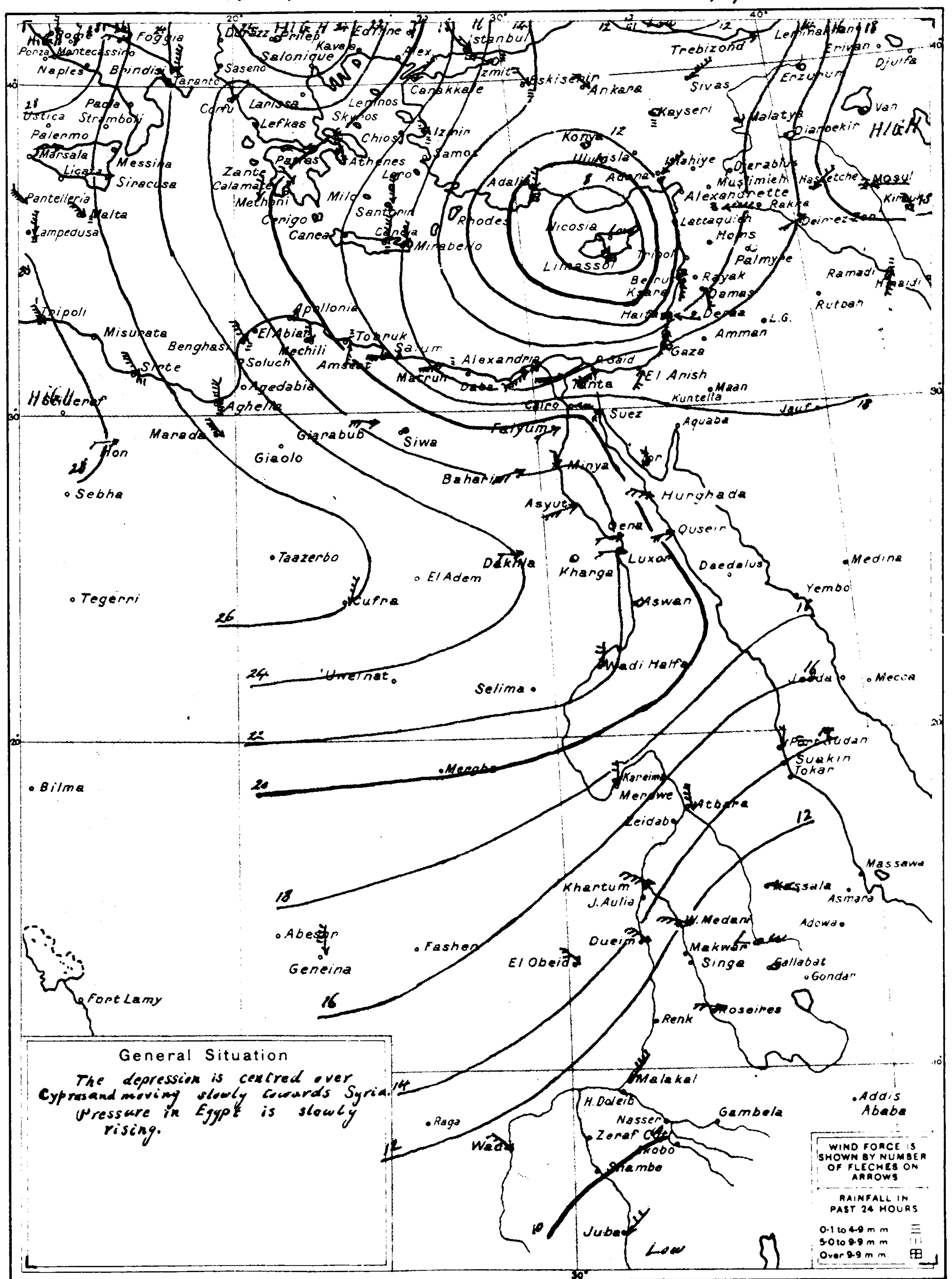
Gîza Grass minimum on 12th 2.4 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
12-1	1098	1219
11-1	1101	1217

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12-1	13.23	-0.17	13.24	-0.16
Nâsser *	11-1	5.87	-0.86	5.91	-0.91
Malakâl	12-1	10.65	-0.71	10.67	-0.72
Roseires	11-1	12.63	+0.43	12.67	+0.46
Sennâr Res.	11-1	20.69	—	20.70	—
Khartûm	11-1	10.92	-0.23	10.93	-0.24
Kh. el Girba					
'Atbara	11-1	10.54	-0.17	10.56	-0.16
Kajnarti	11-1	133.64	-0.32	133.68	-0.30
Wâdi Halfa					
Aswân Res.	12-1	120.71	—	120.70	—
,, D. S.	12-1	86.07	-0.12	86.07	-0.12
El Leisi	12-1	18.39	-0.02	18.38	-0.03
Rôda (Cairo)	12-1	14.54	-0.27	14.55	-0.27

١٩٣٧-١-١٢ Pressure and Wind at 8h. 12-1-1937



General Situation

The depression is centred over Cyprus and moving slowly towards Syria. Pressure in Egypt is slowly rising.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 11-1-1937 — الساعة ٨ يوم ١٩٣٧-١-١١

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Dakhla	1019.4	-0.9	WNW	1	5.8	18	-4	3	-2	58	+3	0	9	—	0	0	dr	—	الداخلة
Rosieres	1009.5	-2.4	WNW	2	23.2	32	-4	17	+1	35	-9	0	—	—	—	0	3	37	الرصيرص
Limasol	1008	-1.0	—	0	12	—	—	—	—	—	—	5	—	—	—	Rain	—	235	ليماسول
Haifa	1012.4	-2.9	E	2	9.7	15	-3	5	-3	57	-11	4	—	—	—	0	361	376	حيفا
Gaza	1013.8	-3.0	SSE	1	9.2	19	+1	6	-2	75	-1	3	5	—	1	0	224	205	غزة

Remarks

x Nasser River Gauge Reading for 28.11.36 published on 29.11.36 should read [illegible] instead of 9.53 m.

ملحوظة. صحة قراءة مقياس ناصر يوم ٢٨ / ١١ / ١٩٣٦ المذكورة بنشرة يوم ٢٩ [illegible] بدلا من ٩٫٥٣ مترا

ANNUAL SUBSCRIPTION
Inland Post ..... P.T 100
Abroad ..... P.T 150

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CAIRO
Time of sunrise 06 h. 53 m.
sunset 17 h. 16 m.

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

DAILY WEATHER REPORT

Month *January* 1937 ١٩٣٧ شهر يناير

No.	STATION	At 14h. on 12th (الساعة ١٤ يوم ١٢) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Wednesday 13th (الساعة ٨ يوم الاربعاء ١٢) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN SALÛM	1020.4	NNW	3	10.6	68	5	5	1023.2	+4.6	WNW	3	4.9	13	—	4	—	82	—	2	5	Cb	5	1	73	—
131	MATRÛH	1017.8	WNW	5	12.9	60	2	6	1019.9	+1.2	WSW	2	9.6	15	-3	7	-1	71	-8	4	6	Sc	6	6	113	86
	DIKHEILA	1017.5	WNW	5	12.9	67	3	—	1021.4	—	NNW	5	13.2	14	—	7	—	66	—	4	8	As	6	6	—	—
132	ALEXANDRIA	1016.4	WNW	7	13.5	63	3	8	1020.3	+1.3	N	6	12.0	15	-4	8	-3	71	-3	4	8	Cb	6	4	117	120
	DAMIETTA								1019.4	—	SW	2	8.2	14	—	6	—	91	—	4	—	—	—	dr	36	57
134	PORT SAÎD	1015.6	WSW	6	14.8	53	1?	7	1020.3	+2.9	SW	5	9.5	15	-4	7	-4	82	+5	1	7	Cc	1	0	20	40
135	EL 'ARÎSH	1015.4	WSW	4	15.0	60	7?	2	1019.5	—	WSW	3	10.1	15	—	8	—	83	—	0	5	—	0	0	—	—
136	LOWER EGYPT DAMANHÛR								1020.8	+2.1	SW	2	8.3	14	-6	6	-1	92	+6	2	7	—	6	2	32	53
137	MANSÛRA								1019.8	—	SW	1	7.9	15	-5	5	-2	90	+7	2	4	—	Hail	2	13	21
138	TANTA								1021.1	+1.5	WSW	2	8.0	15	-5	5	-2	86	+1	4	5	—	6	1	18	17
139	ZAGÂZIG								1021.8	—	SW	1	8.9	15	-5	5	-1	77	-7	1	7	—	—	0	6	10
141	MIDDLE EGYPT CAIRO ALMÂZA	1017.8	W	5	14.9	39	6	4	1021.9	—	SSW	3	7.9	15	—	5	—	72	—	2	7	Sc	3	0	—	—
	CAIRO EZBEKÎYA	1017.6	WSW	4	15.7	44	0	5	1021.9	+2.7	S	3	6.9	16	-3	6	+1	79	0	1	5	Sc	3	0	5	14
	CAIRO GÎZA	1017.6	W	4	16.0	40	1	5	1022.4	+2.5	SSE	3	6.6	16	-3	5	+1	80	-5	2	5	Sc	1	0	9	12
143	HELWÂN	1017.9	W	6	14.1	40	7	5	1023.1	+3.5	SSE	2	6.7	15	-3	4	-4	69	0	2	6	Cu	3	0	10	13
144	SUEZ								1021.1	+2.3	W	2	12.5	19	-1	8	-2	44	-32	1	—	—	—	0	7	16
153	UPPER EGYPT FAIYÛM								1022.8	+3.3	SSE	1	7.4	18	-2	4	-2	69	-8	0	4	—	1	0	4	7
154	MINYA								1024.6	+4.3	NNW	1	7.0	18	-2	4	-2	71	-9	0	5	—	—	0	6	—
155	ASYUT	1020.4	WNW	3	17.2	50	0	7	1024.4	+4.1	WNW	2	7.3	18	-2	4	-2	68	-4	0	6	—	0	0	0	4
156	QENA								1023.1	+3.9	WNW	1	8.3	19	-3	4	-3	66	-1	0	6	—	0	0	dr	—
157	LUXOR								1023.0	—	W	2	9.0	19	—	4	—	66	—	6	5	—	0	0	dr	—
158	ASWÂN	1019.2	N	3	17.3	29	0	4	1023.8	+4.6	NNW	1	8.3	18	-6	5	-4	59	+5	2	6	Ci	4	0	1	—
148	WESTERN DESERT SÎWA	1020.4	NNW	2	15.3	48	0	6	1023.4	+3.5	—	0	7.2	16	-3	2	-2	61	-9	0	6	—	0	0	25	3
149	BAHARÎYA	1019.9	W	8	15.0	64	2	8	1024.6	—	SSW	1	5.6	16	—	2	—	75	—	0	9	—	0	0	17	—
151	KHÂRGA	1021.0	N	4	17.0	63	0	9	1024.7	+5.1	N	1	9.2	17	-6	2	-4	79	+16	0	9	—	0	0	0	0
152	DÂKHLA	1022.0	WNW	1	16.0	29	0	5	1026.3	+6.0	WNW	1	5.9	18	-4	2	-3	57	+2	0	9	—	0	0	dr	—
145	RED SEA TÔR								1021.8	+3.6	N	1	9.6	18	-3	6	-3	54	-5	1	6	—	2	0	3	9
146	HURGHÂDA								1021.2	+2.7	WNW	4	13.0	20	-2	7	-3	40	-18	0	7	—	0	0	dr	0
147	QUSEIR								1021.2	+3.2	W	2	14.0	21	-2	11	-3	50	0	0	7	—	0	0	1	7
164	PORT SUDAN								1016.8	+1.3	N	3	21.6	26	-1	20	0	73	+7	3	—	—	—	3	49	94
165	NORTH SUDAN WÂDI HALFA								1024.1	+4.9	N	2	7.1	19	-5	5	-3	71	+19	4	8	Ci	1	—	—	—
166	KAREIMA								1020.5	+3.7	N	2	10.0	25	-4	6	-6	29	-7	1	8	Ci	0	0	dr	1
167	'ATBARA																									
168	KHARTÛM								1016.1	+1.9	NNW	6	13.9	31	-1	11	-4	38	+3	1	6	Cs	2	0	4	5
170	KASSALA								1011.5	-1.2	N	3	21.7	33	-1	17	+1	74	+12	2	8	Nb	0	0	0	11
171	CENTRAL SUDAN WAD MEDANI								1014.6	+1.2	NE	3	17.0	32	-2	15	0	30	-7	0	—	—	—	0	56	13
173	DUEIM								—	—	N	4	18.6	30	-3	14	0	23	-10	0	—	—	—	0	21	12
182	RENK																									
172	ROSEIRES								1012.4	+0.5	WNW	2	21.2	35	-1	18	+2	36	-7	0	—	—	—	0	3	37
174	EL OBEID								1016.7	+0.8	NNW	4	12.3	27	-3	10	-1	41	+6	0	8	—	0	0	23	19
175	EL FÂSHER								1018.2	+4.0	NW	1	10.2	30	0	6	-4	37	+3	0	—	—	—	0	0	8
176	S. SUDAN MALAKÂL								1012.8	+1.3	NE	4	20.9	34	-1	19	+1	22	-4	1	6	Ci	1	0	81	93
177	WÂU								1012.2	+1.0	NE	3	19.0	33	-2	16	-1	26	-22	0	—	—	—	0	180	146
178	JÛBA								1011.0	+0.4	NW	2	23.6	36	-2	20	0	56	0	0	9	—	—	0	131	141
179	Geneina								—	—	NE	4	9.3	31	—	—	—	87	—	1	8	Ci	0	—	—	—
180	Gallabat								—	—	N	1	22.6	37	—	18	—	47	—	0	—	—	—	0	—	—

Upper Wind Observations on 13th — ارصاد الرياح العليا يوم ١٢

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms per hour	Matruh 07h.00m. Dir.	Kms	Dikheila 07h.30m. Dir.	Kms	Almaza 07h.30m. Dir.	Kms	Cairo 08h.15m. Dir.	Kms	Helwan 08h.45m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	Wadi Halfa 06h.00m. Dir.	Kms	Kareima 06h.00m. Dir.	Kms	Khartum 04h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 07h.00m. Dir.	Kms	Salum 12th 13h.00m. Dir.	Kms
200	270	8	290	17	320	30	240	24	240	19	190	18	—	—	—	—	30	23	—	—	—	—	—	—	—	—	—	—	320	20
500	—	—	310	16	320	29	270	29	290	31	310	13	0	17	350	44	20	56	20	60	340	23	—	—	—	—	20	53	—	—
1000	340	33	320	19	320	28	260	42	280	32	280	34	340	32	340	38	10	48	30	53	350	26	40	29	350	48	30	69	320	34
1500	330	30					280	33	290	35	270	28	340	29	340	30	0	42	350	23	40	24	50	53	40	42	50	66	Ent. Cu.	
2000	310	42					280	42	280	34	290	53	310	38			290	32			60	23	290	10	50	23	70	51		
3000	300	51							Ent. Sc.														200	21	60	2				
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 13th

On the Coast strong westerly winds becoming moderate or fresh northwest.
Inland moderate to fresh winds between Southwest and northwest.
Much low cloud. Scattered showers.
Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٢

رياح غربية شديدة على الساحل تتغير معتدلة او شديدة شمالية غربية
ورياح معتدلة الى شديدة في الداخل تهب ما بين الجنوب الغربي
والشمال الغربي. يكثر السحاب المنخفض
قطرات امطار متفرقة ويستمر الطقس باردا

STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet Bulb Temp. °C on 12th	Diff. from Normal
Alexandria	71	+5	8.9	-1.8
Ezbekiya	67	-2	7.7	-2.5
Gîza	71	-2	6.6	-3.7
Helwân	56	-2	6.1	-2.8

Gîza Grass minimum on 13th °C

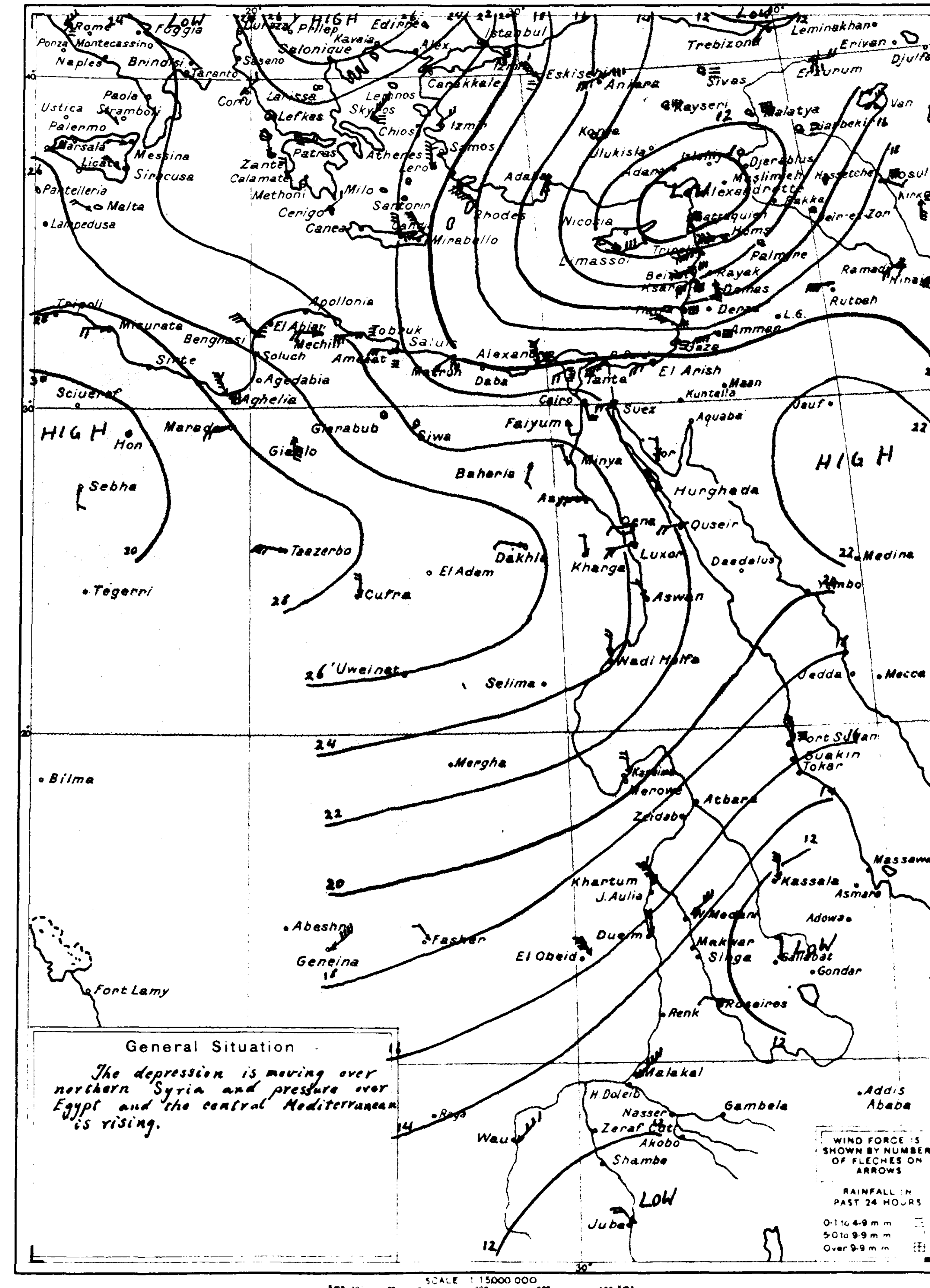
Discharges at Aswan measured by sluices m.³ per sec

DATE	1937	1936
13-1	1098	1217
12-1	1098	1219

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from Normal m
Jûba	13-1	13.23	-0.17	13.23	-0.17
Nâsser	12-1	5.82	-0.86	5.87	-0.86
Malakâl	13-1	10.63	-0.69	10.65	-0.71
Roseires	13-1	12.60	+0.42	12.62	+0.43
Sennâr Res.	12-1	20.70	—	20.69	—
Khartûm	12-1	10.66	-0.25	10.42	-0.23
Kh. el Girba					
'Atbara	12-1	10.52	-0.18	10.54	-0.17
Kajnarti	12-1	133.59	-0.34	133.64	-0.32
Wâdi Halfa					
Aswân Res.	13-1	120.72	—	120.71	—
D. S.	13-1	86.07	-0.12	86.07	-0.12
El Leisi	13-1	18.29	-0.01	18.29	-0.02
Rôda (Cairo)	13-1	14.54	-0.25	14.54	-0.27

Printed by the Survey of Egypt 1936. (36/530)

١٩٣٧-١-١٣ Pressure and Wind at 8h. 13-1-1937



General Situation

The depression is moving over northern Syria and pressure over Egypt and the central Mediterranean is rising.

At 8h. on 12-1-1937 (الساعة ٨ يوم ١٢-١-١٩٣٧) STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
El Fasher	1017.6	+3.4	NW	1	9.5	32	+2	5	-5	28	-7	0	—	—	—	0	0	8	الفاشر
Limasol	1008	-10	NNW	2	9	—	—	—	—	—	—	5	—	—	—	Rain	—	238	ليماسول
Haifa	1014.4	-1.9	ESE	2	11.7	18	0	8	0	83	+15	4	—	—	—	15	376	383	حيفا
Gaza	1017.0	+0.2	—	0	7.6	18	0	6	-2	80	+4	0	9	—	0	0	224	208	غزه

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. 06 m. 52
sunset h. 17 m. 16

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

DAILY WEATHER REPORT

Month *January* 1937 ١٩٣٧ شهر يناير

No.	Region	STATION	At 14h. on 13th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 14th — Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1022.2	NW	2	11.2	72	3	5	1018.7	+0.1	WSW	4	5.4	12	—	3	—	87	—	4	5	Cb	6	2	75	—
131	Mediterranean	MATRÛH	1020.2	WSW	2	10.2	74	4	6	1017.0	-1.7	SSW	4	6.0	14	-4	5	-3	91	+12	0	6	Sc	6	1	114	88
	Mediterranean	DIKHEILA	1020.6	WSW	5	13.6	62	3	X	1019.2	—	SW	4	9.3	14	—	8	—	86	—	4	7	Cb	6	15	—	—
132	Mediterranean	ALEXANDRIA	1019.4	W	5	14.0	68	4	8	1019.2	+0.2	SW	5	10.5	16	-3	9	-2	79	+5	4	7	Cb	6	14	131	121
	Mediterranean	DAMIETTA								1019.5	—	SW	3	6.6	14	—	5	—	91	—	0	—	—	—	2	38	58
134	Mediterranean	PORT SAÏD	1019.2	NW	6	12.5	76	3	7	1019.9	+2.5	SW	4	9.5	17	-2	7	-4	80	+3	7	0	—	5	dr	20	40
135	Mediterranean	EL 'ARÎSH	1018.0	WSW	3	15.0	61	0	5	1019.5	—	WSW	2	9.9	15	—	6	—	78	—	6	1	Cu	0	0	—	←
136	Lower Egypt	DAMANHÛR								1019.8	+1.1	SSW	2	8.0	15	-5	6	-1	86	0	6	2	—	6	2	34	54
137	Lower Egypt	MANSÛRA								1019.0	—	SW	1	5.8	15	-5	4	-3	87	+4	0	7	—	6	2	15	22
138	Lower Egypt	TANTA								1020.2	+0.6	SSW	1	6.0	16	-4	3	-4	93	+8	7	0	—	2	0	18	18
139	Lower Egypt	ZAGÂZÎG								1020.3	—	SW	1	7.4	16	-4	3	-3	77	-7	2	6	—	—	0	6	10
141	Middle Egypt — Cairo	ALMÂZA	1020.6	WNW	3	14.1	53	3	9	1021.0	—	S	3	8.5	15	—	4	—	64	—	2	7	Sc	5	dr	—	—
	Middle Egypt — Cairo	EZBEKÎYA	1020.2	WNW	3	15.2	53	3	8	1020.8	+1.6	S	2	7.0	17	-2	6	-1	74	-5	2	6	Sc	1	0	5	15
	Middle Egypt — Cairo	GÎZA	1020.0	W	2	15.8	47	3	5	1021.1	+1.2	SSE	2	6.8	17	-2	3	-3	71	-14	3	5	Sc	1	0	9	13
143	Middle Egypt	HELWÂN	1020.3	W	4	14.0	46	2	8	1021.5	+1.9	SE	2	6.8	15	-3	4	-4	63	-6	0	7	—	0	0	10	14
144	Middle Egypt	SUEZ								1020.8	+2.2	—	0	8.2	17	-3	7	-3	57	-19	0	—	—	—	0	7	16
153	Upper Egypt	FAIYÛM																									
154	Upper Egypt	MINYA								1022.7	+2.5	NNE	1	7.7	17	-3	4	-2	65	-15	0	7	—	—	0	6	—
155	Upper Egypt	ASYÛT	1021.9	NNW	3	14.0	57	2	7	1022.4	+2.1	W	2	7.5	17	-3	3	-3	72	0	0	5	—	1	0	0	4
156	Upper Egypt	QENA								1021.5	+2.3	NW	2	6.3	20	-2	3	-4	71	+4	0	5	—	0	0	dr	—
157	Upper Egypt	LUXOR								1021.1	—	ESE	1	6.2	19	—	2	—	79	—	0	6	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1019.9	N	3	16.7	28	1	6	1021.1	+1.9	—	0	7.2	18	-6	4	-5	58	+4	1	6	—	1	0	1	—
148	Western Desert	SÎWA	1022.0	W	2	15.5	54	0	6	1020.7	+0.9	—	0	7.9	16	-3	2	-2	59	-11	0	6	—	0	0	25	3
149	Western Desert	BAHARÎYA	1021.6	W	7	15.3	56	0	9	1022.3	—	—	0	7.0	16	—	2	—	72	—	0	9	—	0	0	17	—
151	Western Desert	KHARGA	1021.6	N	4	15.5	67	0	9	1022.6	+3.0	—	0	9.7	16	-7	3	-3	79	+16	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1022.6	NNW	2	15.0	25	0	9	1023.9	+3.6	—	0	3.5	16	-6	2	-3	54	-1	0	9	—	0	0	dr	—
145	Red Sea	TOR								1020.0	+1.8	N	2	10.0	17	-4	6	-3	50	-9	0	6	—	0	0	3	10
146	Red Sea	HURGHÂDA								1019.9	+1.4	WNW	4	12.0	18	-4	7	-3	40	-18	0	7	—	0	0	dr	0
147	Red Sea	QUSEIR								1019.6	+1.6	W	2	14.3	20	-3	10	-4	43	-7	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN								1016.3	+0.7	N	1	20.4	23	-4	19	-1	65	-1	3	—	—	—	0	40	95
165	North Sudan	WADI HALFA								1021.9	+2.7	N	2	7.6	19	-5	5	-3	59	+7	3	8	Cs	2	—	—	—
166	North Sudan	KAREIMA								1019.1	+2.3	N	1	9.4	23	-6	5	-7	39	+3	1	8	—	0	0	dr	1
167	North Sudan	'ATBARA								1015.8	+0.9	N	6	15.3	26	-4	11	-3	39	+5	0	—	—	—	0	5	1
168	North Sudan	KHARTÛM								1015.4	+1.2	NW	6	13.2	29	-3	10	-5	41	+6	1	7	—	2	0	4	5
170	North Sudan	KASSALA								1011.5	-1.2	N	4	19.7	32	-2	15	-1	81	+19	3	8	Sc	2	0	0	11
171	Central Sudan	WAD MEDANI								1014.2	+0.8	WNW	3	15.8	30	-4	13	-2	25	-12	0	—	—	—	0	56	13
173	Central Sudan	DUEIM								—	—	NW	4	18.4	28	-5	13	-1	15	-18	0	—	—	—	0	21	12
182	Central Sudan	RENK														—		—		—							
172	Central Sudan	ROSEIRES								1012.4	+0.5	NNE	2	19.9	33	-3	17	+1	31	-12	0	—	—	—	0	3	37
174	Central Sudan	EL OBEID								1016.4	+0.5	NNW	3	11.3	25	-5	9	-2	49	+14	0	7	—	1	0	23	19
175	Central Sudan	EL FÂSHER								1017.2	+3.0	NNW	2	9.0	25	-5	5	-5	40	+6	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1012.2	+0.7	NNE	4	19.8	33	-2	17	-1	15	-11	2	6	Cs	1	0	81	93
177	S. Sudan	WAU								1011.1	-0.1	NW	3	19.0	32	-3	17	0	19	-28	0	—	—	—	0	180	146
178	S. Sudan	JÛBA								1010.7	+0.1	NW	1	23.2	37	-1	19	-1	43	-13	0	9	—	—	0	131	141
179		Geneina								—	—	ENE	4	9.0	28	—	9	—	87	—	1	8	Cu	0	—	—	—
180		Gallabat								—	—	N	2	21.8	34	—	18	—	62	—	0	—	—	—	0	—	—

Upper Wind Observations on 14th ارصاد الرياح العليا يوم ١٤

Height metres above M.S.L.	Salum 07h00m Dir E. of N.	Salum Kms per hour	Matruh 07h00m Dir	Matruh Kms	Almaza 08h15m Dir	Almaza Kms	Cairo 08h15m Dir	Cairo Kms	Helwan 08h45m Dir	Helwan Kms	Asyut 07h00m Dir	Asyut Kms	Aswan 07h00m Dir	Aswan Kms	W. Halfa 07h00m Dir	W. Halfa Kms	Kareima 07h00m Dir	Kareima Kms	Khartum 06h00m Dir	Khartum Kms	Geneina 07h00m Dir	Geneina Kms	Obeid 07h00m Dir	Obeid Kms	Malakal 06h00m Dir	Malakal Kms	Salaalt 13h00m Dir	Salaalt Kms	AbuKir R.A.F. 07h00m Dir	AbuKir Kms
200	270	20	250	44	200	15	190	34	150	16	—	—	—	—	20	24	—	—	—	—	—	—	—	—	—	—	270	10	240	10
500	—	—	260	42	240	20	240	24	200	16	330	22	350	26	20	53	20	60	350	58	—	—	—	—	10	69	—	—	290	11
1000	Ent. Cb		260	36	270	16	260	14	270	11	340	20	0	46	30	53	40	45	10	58	40	27	10	55	30	76	340	37	330	8
1500					290	19	300	22	300	22	340	26	200	6	0	39	0	31	40	11	50	47	50	27	50	56	330	24	300	24
2000					310	28	320	23	300	17	310	35			310	23	0	21	350	16	270	11	20	24			320	32	290	34
3000							300	29	260	34							290	11	280	19	260	19							260	34
4000																			20	6										
5000																			30	10										
6000																			30	21										

Forecast for 24 hours from noon on 14th

On the coast fresh southwest & west winds strong at times.
Inland moderate southerly winds.
Clear or occasional medium cloud.
Light showers probable near the coast.
Remaining cool.
Further outlook: unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٤
رياح نشيطة بين جنوبية غربية وغربية تشتد أحيانا على الساحل
ورياح معتدلة جنوبية في الداخل
السماء صحو أو قليل السحاب المتوسط الارتفاع أحيانا
احتمال تساقط مطر خفيف بالقرب من الساحل
يستمر الطقس مائلا للبرودة
وفيما بعد ستكون الطقس متقلبا

STATION	Mean of day — Humidity % on 13th	Diff. from normal	Wet bulb temp. °C on 13th	Diff. from normal
Alexandria	72	+6	9.9	-0.8
Ezbekiya	73	+4	8.1	-2.1
Gîza	77	+4	7.3	-3.0
Helwân	63	+5	6.8	-2.1

Gîza Grass minimum on 14th 0.0 °C

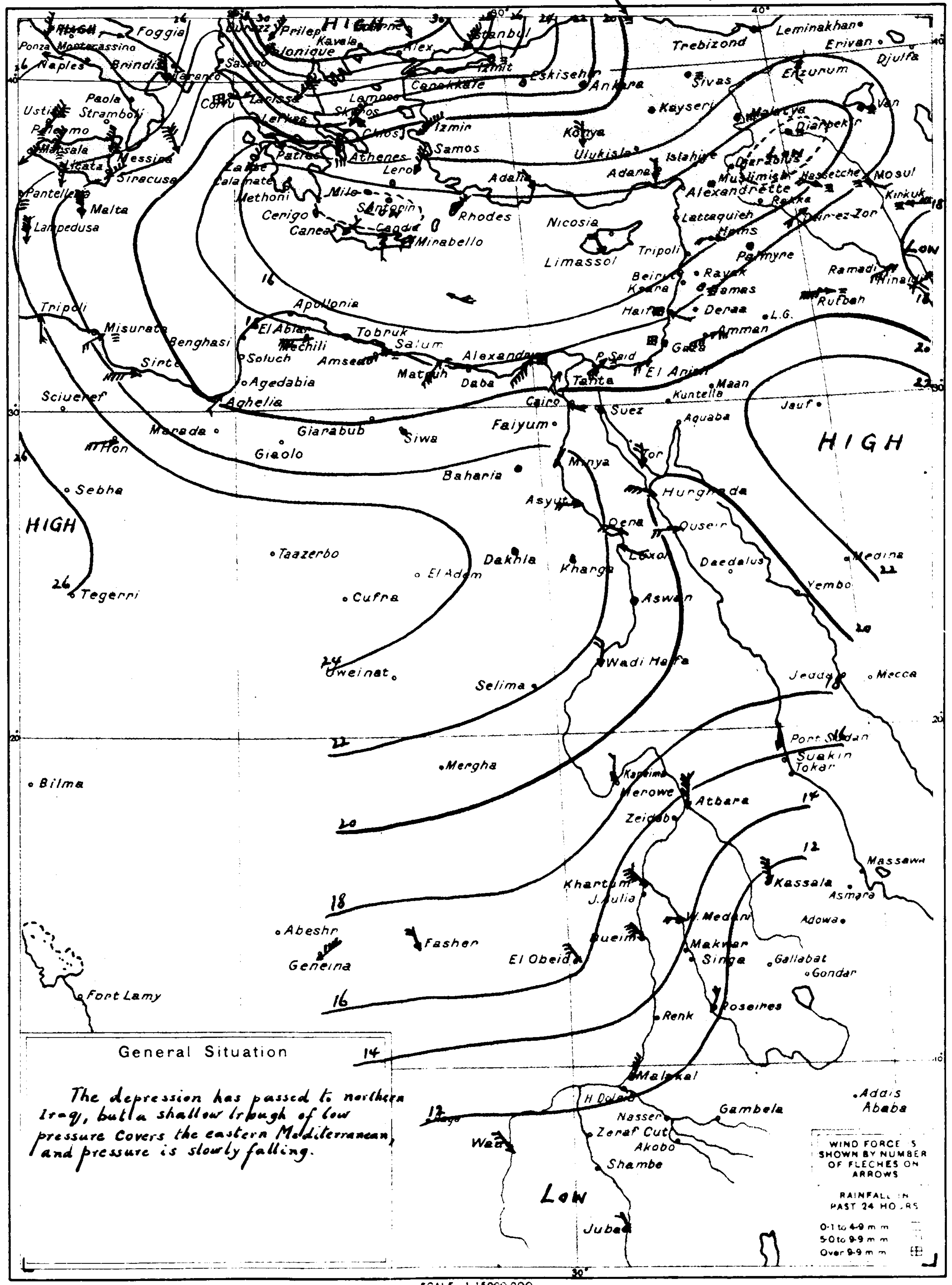
Discharges at Aswân measured by sluices m^3 per sec

DATE	1937	1936
14.1	1698	1300
13.1	1698	1217

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	13.1	13.23	-0.17	13.23	-0.17
Nâsser	13.1	5.78	-0.81	5.82	-0.86
Malakâl	14.1	10.63	-0.67	10.63	-0.69
Roseires	14.1	12.58	+0.42	12.60	+0.43
Sennâr Res.	13.1	20.69	—	20.70	—
Khartûm	13.1	10.79	-0.32	10.88	-0.25
Kh. el Girba					
'Atbara	13.1	10.51	-0.18	10.52	-0.18
Kajnarti	13.1	133.53	-0.36	133.59	-0.34
Wâdi Halfa					
Aswân Res.	14.1	120.73	—	120.72	—
D S	14.1	86.07	-0.12	86.07	-0.12
El Leisi	14.1	18.29	+0.01	18.29	-0.01
Roda (Cairo)	14.1	14.52	-0.26	14.54	-0.25

Printed by the Survey of Egypt 1936 (36/530)

Pressure and Wind at 8h 14-1-1937 ١٩٣٧-١-١٤



General Situation

The depression has passed to northern Iraq, but a shallow trough of low pressure covers the eastern Mediterranean, and pressure is slowly falling.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m m
5·0 to 9·9 m m
Over 9·9 m m

SCALE 1:15,000,000

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h on 13-1-1937 الساعة ٨ يوم ١٣-١-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1011	-7	WNW	5	8	—	—	—	—	—	—	2	—	—	—	Rain	—	241	ليماسول
Haifa	1016.4	+0.1	WNW	1	14.5	16	-2	7	-1	57	-11	0	—	—	—	13	389	390	حيفا
Gaza	1018.7	+1.9	—	0	8.0	16	-2	6	-2	85	+9	4	4	—	6	3	227	211	غزة

Ships 53291 — 32806 — 29301 — 21956 — 31003 — 80013 — 46301 سفن

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. m. 06 52
sunset 17 17

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

	STATION	At 14h. on 14th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Friday 15th — Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1013.9	SW	5	11.2	80	2	6	1009.5	-9.1	NNW	6	7.9	13	—	4	—	84	—	4	4	Cb	7	6	81	—
131	MATRÛH	1013.8	WSW	5	14.6	59	3	6	1006.7	-12.0	WSW	4	6.8	15	-3	6	-2	87	+8	2	6	Sc	1	0	114	89
	DIKHEILA	1015.8	SW	5	14.7	55	2	8	1008.2	—	SW	6	8.6	15	—	7	—	74	—	2	7	Cb	6	1	—	—
132	ALEXANDRIA	1016.6	SW	5	13.6	62	1	9	1008.6	-10.4	SSW	7	8.5	15	-4	8	-3	91	+17	3	8	Cb	6	1	132	123
	DAMIETTA								1011.4	—	SSW	3	7.5	16	—	6	—	90		5	—	—	—	1	34	59
134	PORT SAÏD	1017.1	WSW	4	16.0	55	0	7	1012.2	-5.2	SSW	4	4.4	17	-2	9	-1	70	-7	5	7	Cu	5	tr	20	41
135	EL ʿARÎSH	1017.0	WNW	2	14.5	71	0	6	1013.1	—	SSE	3	10.8	15	—	6	—	67		1	5	Cu	0	0	—	
136	LOWER EGYPT: DAMANHÛR								1010.0	-8.6	SW	4	8.9	16	-4	8	+1	86	0	2	7	—	6	1	35	55
137	MANSÛRA								1010.7	—	S	2	7.5	17	-3	5	-2	86	+3	2	4	—	6	2	17	22
138	TANTA								1010.8	-8.7	SW	4	7.0	18	-2	7	0	71	-14	2	7	—	1	3	21	18
39	ZAGÂZÎG								1012.0	—	SW	6	8.4	17	-3	5	-1	82	-2	4	7	—	—	1	7	10
41	MIDDLE EGYPT: CAIRO ALMÂZA	1017.9	WSW	3	14.9	47	3	9	1012.8	—	S	5	8.3	15	—	5	—	78	—	4	8	Nb	6	1	—	—
	EZBEKÎYA	1017.5	WSW	2	15.8	45	2	9	1012.0	-7.2	SSE	3	8.0	17	-2	7	0	76	-3	4	—	Nb	6	tr	5	15
	GÎZA	1017.4	SW	2	17.9	36	3	5	1012.4	-7.5	SSE	3	7.6	18	-1	6	0	82	-3	4	5	Nb	5	dr	9	13
143	HELWÂN	1017.5	SW	2	14.9	41	2	8	1013.4	-6.2	S	4	7.2	15	-3	5	-3	80	+11	4	8	Nb	5	dr	10	14
144	SUEZ								1013.6	-4.9	SSE	3	15.0	18	-2	8	-2	49	-27	3	—	—	—	0	7	16
153	UPPER EGYPT: FAIYÛM																									
154	MINYA								1015.9	-4.3	S	4	7.5	18	-2	5	-1	65	-15	4	6	—	—	dr	6	—
155	ASYÛT	1019.1	NNW	3	14.8	60	0	7	1017.6	-2.7	SE	3	7.2	18	-2	2	-4	72	0	0	6	—	0	0	0	4
156	QENA	1017.4	N	2	17.0	26	1	6	1018.2	-1.0	WSW	1	4.6	20	-2	0	-7	74	+7	0	6	—	0	0	dr	—
157	LUXOR								1018.6	—	ESE	1	9.3	20	—	0	—	24		0	6	—	0	0	dr	
158	ASWÂN								1019.2	0.0	—	0	8.5	18	-6	4	-5	61	+7	0	6	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1016.8	NNW	4	17.4	43	0	6	1014.2	-5.6	NNW	5	10.0	17	-2	3	-1	69	-1	0	6	—	0	0	25	3
149	BAHARÎYA	1018.3	WSW	7	16.2	55	0	9	1014.4	—	W	9	10.0	17	—	7	—	69	—	1	8	Ac	0	0	17	
151	KHÂRGA	1019.6	N	2	15.8	61	0	9	1021.6	+2.0	—	0	5.5	17	-6	5	-1	74	+11	0	9	—	0	0	0	0
152	DÂKHLA	1020.3	NNW	1	15.1	31	0	9	1020.2	-0.1	E	1	3.2	17	-5	0	-5	47	-7	0	9	—	0	0	dr	
145	RED SEA: TÔR								1017.6	-0.6	N	1	8.6	17	-4	5	-4	52	-7	0	6	—	0	0	3	10
146	HURGHÂDA								1016.4	-2.1	NW	3	11.5	19	-3	6	-4	40	-18	0	7	—	0	0	dr	0
147	QUSEIR								1017.2	-0.8	WSW	3	14.0	20	-3	10	-4	41	-9	0	7	—	0	0	1	7
169	PORT SUDAN								1015.1	-0.5	N	1	21.7	22	-5	20	0	68	+2	3	—	—	—	0	40	95
165	NORTH SUDAN: WÂDI HALFA								1020.7	+1.5	N	2	6.4	18	-6	5	-3	71	+19	2	8	As	1	—	—	—
166	KAREIMA								1018.0	+1.2	—	0	8.8	—	—	5	-7	38	+2	2	8	Ci	1	0	dr	1
167	ʿATBARA								1016.0	+1.1	N	3	14.6	26	-4	10	-4	44	+10	0	—	—	—	0	5	1
168	KHARTÛM								1015.7	+1.5	N	3	14.3	29	-3	9	-6	33	-2	1	8	Cs	1	0	4	5
170	KASSALA								1012.7	0.0	NNE	1	18.1	30	-4	13	-3	80	+18	2	8	Ci	0	0	0	11
171	CENTRAL SUDAN: WAD MEDANI								1014.2	+0.8	NW	3	15.4	29	-5	12	-3	27	-10	0	—	—	—	0	56	13
173	DUEIM								—	—	N	3	17.6	27	-6	13	-1	16	-17	0	—	—	—	0	21	12
182	RENK																									
172	ROSEIRES								1012.3	+0.4	WNW	2	19.2	32	-4	15	-1	43	0	0	—	—	—	0	3	37
174	EL OBEID								1016.4	+0.5	NNW	3	11.3	—	—	8	-3	56	+21	3	8	Ci	1	0	23	19
175	EL FÂSHER								1018.6	+4.4	NW	1	10.0	27	-3	6	-4	33	-1	0	—	—	—	0	0	8
176	S. SUDAN: MALAKÂL								1012.0	+0.5	NE	4	14.4	32	-3	16	-2	21	-5	2	7	Ci	1	0	81	93
177	WÂU								1011.6	+0.4	N	3	14.9	32	-4	15	-2	22	-25	0	—	—	—	0	180	146
178	JÛBA								1011.0	+0.4	NW	1	23.2	36	-2	18	-2	60	+5	0	9	—	—	0	131	141
179	Geneina.								—	—	NE	4	9.9	25	—	—	—	74	—	1	8	Ci	0	—	—	—
180	Gallabat.								—	—	NNW	1	21.0	33	—	15	—	57	—	0	—	—	—	0	—	—

Upper Wind Observations on 15th

ارصاد الرياح العليا يوم ١٥

Height metres above M.S.L.	Dekheila 07h 45m Dir. E.of N.	Kms. per hour	Almaza 09h 30m Dir.	Kms. per hour	Ismailia 07h R.A.F. Dir.	Kms. per hour	Abukir 07h 00m R.A.F. Dir.	Kms. per hour	Ramleh 07h 00m R.A.F. Dir.	Kms. per hour	Amman 07h 00m Dir.	Kms. per hour	Wadi Halfa 06h 00m Dir.	Kms. per hour	Khartum 06h Dir.	Kms. per hour	Geneina 07h 00m Dir.	Kms. per hour	El Obeid 06h 00m Dir.	Kms. per hour	Malakal 06h 00m Dir.	Kms. per hour	Heliopolis 07h 00m R.A.F. Dir.	Kms. per hour	Juba 10h 30m Dir.	Kms. per hour	h. m. Dir.	Kms. per hour	h. m. Dir.	Kms. per hour
200	230	65	190	50	240	64	230	61	170	29	—	—	10	16	—	—	—	—	—	—	—	—	210	63	—	—				
500	240	61	210	68	260	92	230	76	190	31	—	—	10	34	10	40	—	—	—	—	20	66	230	77	50	10				
1000	250	60	260	58	260	82	240	74	200	32	160	21	10	27	20	27	30	27	20	50	40	66			20	16				
1500	250	61	230	69	270	50			220	24	180	21	0	34	340	18	330	18	50	21	70	47			40	76				
2000			Ent. Cb.						200	18	190	31	340	21	250	21			340	31					110	14				
3000									210	21	230	31			270	37			230	23					120	14				
4000															230	24														
5000															260	27														
6000																														

Forecast for 24 hours from noon on ...

تغيرات الطقس المنتظرة في ٢٤ ساعة مرطبة

STATION	Mean of day — Humidity % on 14th	Diff from normal	Wet Bulb Temp. °C on 14th	Diff. from normal
Alexandria	70	+4	9.2	-1.5
Ezbekiya	65	-4	7.7	-2.5
Gîza	54	-14	7.5	-2.7
Helwân	51	-7	6.5	-2.4

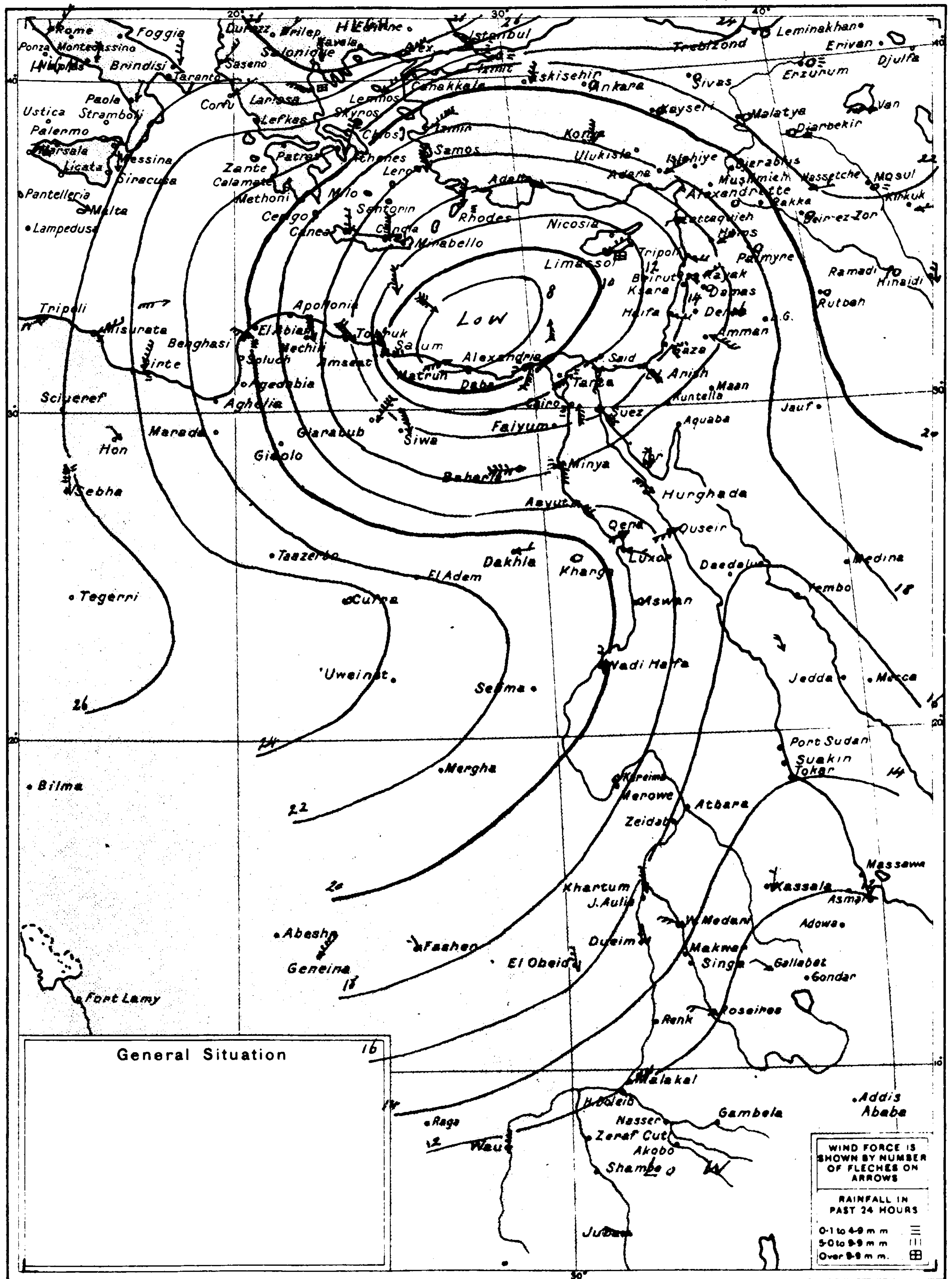
Gîza Grass minimum on 15th 3.4 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
15-1	1099	1298
14-1	1098	1300

GAUGE	Date 1937	Reading m.	Diff. from Normal m.	Previous day Reading m.	Previous day Diff. from Normal m.
Jûba					
Nâsser	15-1	13.23	-0.17	13.23	-0.17
Malakâl	14-1	5.73	-0.81	5.78	-0.81
Roseires	15-1	10.61	-0.67	10.63	-0.67
Sennâr Res.	15-1	12.55	+0.41	12.58	+0.42
Khartûm	14-1	20.68	—	20.69	—
Kh. el Girba	15-1	10.76	-0.28	10.75	-0.33
ʿAtbara					
Kajnarti	15-1	10.48	-0.19	10.50	-0.18
Wâdi Halfa	15-1	133.48	-0.40	133.49	-0.40
Aswân Res.					
D. S.	15-1	120.75	—	120.73	—
El Leisi	15-1	86.06	-0.13	86.07	-0.12
Rôda (Cairo)	15-1	18.27	+0.01	18.29	+0.01
	15-1	14.48	-0.29	14.52	[illegible]

Pressure and Wind at 8 h. 15-1-1937 ١٩٣٧-١-١٥



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 14-1-1937 الساعة ٨ يوم ١٤-١-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b	Diff. from Normal m.b	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm. °C	Min. To day °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr Oct 1 to yesterday m.m.	Normal fr Oct 1 to yesterday m.m.	مرصد
Limassol	1016	-2	NNW	2	6	—	—	—	—	—	—	0	—	—	—	0	—	245	ليماسول
Haifa	1018.2	+1.9	ESE	1	11.2	16	-2	7	-1	79	+11	3	—	—	—	14	403	396	حيفا
Gaza	1019.2	+2.4	—	0	7.8	15	-3	6	-2	90	+14	5	4	—	6	14	241	214	غزه

Remarks

ANNUAL SUBSCRIPTION
Inland Post ....P.T 100
Abroad ....P.T 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. 06 m. 52
sunset h. 17 m. 18

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٢٧-١-١٦

1417 F.C.

At 14h. on 15th — الساعة ١٤ يوم ١٥ ; At 8h. on Saturday 16th — الساعة ٨ يوم السبت ١٦

No.	Region	Station	14h Bar. (M.S.L.) m.b.	14h Wind Dir.	14h Force	14h Temp. °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Hum. Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1014.6	NNW	5	10.4	69	4	5	1024.8	+6.1	NW	2	5.9	12	—	5	—	83	—	4	5	Sc	5	tr	81	—
131	Mediterranean	MATRÛH	1008.4	NNW	8	10.1	98	5	6																		
	Mediterranean	DIKHEILA	1005.8	SW	6	12.8	67	6	6	1020.3	—	NNW	7	14.8	15	—	6	—	68	—	4	7	Cb	6	4	—	—
132	Mediterranean	ALEXANDRIA	1005.3	SW	6	11.4	63	4	7	1019.2	+0.2	NNW	7	13.4	13	-6	9	-1	69	-5	4	7	Nb	6	10	142	125
	Mediterranean	DAMIETTA								1017.8	—	SW	1	8.5	12	—	6	—	93	—	0	—	—	—	3	42	61
134	Mediterranean	PORT SAÏD	1008.7	SW	4	11.5	66	4	6	—	—	WSW	4	10.3	14	-5	8	-2	90	+13	2	7	Sc	5	tr	20	42
135	Mediterranean	EL 'ARÎSH	1010.6	SSW	2	9.9	95	2	5	1018.0	—	WSW	2	9.8	14	—	7	—	89	—	0	6	—	6	7	—	—
136	Lower Egypt	DAMANHÛR								1019.4	+0.8	NW	1	10.8	12	-8	8	+1	90	+4	3	7	—	6	4	39	56
137	Lower Egypt	MANSÛRA								1017.9	—	N	1	10.1	14	-6	6	-1	92	+9	2	5	—	6	3	20	23
138	Lower Egypt	TANTA								1019.0	-0.5	—	0	8.5	15	-5	5	-2	100	+15	5	5	—	5	1	22	18
139	Lower Egypt	ZAGÂZÎG								1019.4	—	SW	1	10.3	14	-6	6	0	94	+10	4	7	—	—	1	8	11
141	Middle Egypt (Cairo)	ALMÂZA	1009.0	SW	7	13.4	51	7	2	1019.6	—	WSW	2	10.3	14	—	6	—	92	—	4	7	Nb	8	2	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1008.6	SW	3	13.9	48	4	-	1019.4	+0.2	WSW	1	9.8	14	-5	7	0	95	+16	5	6	NS	3	3	8	15
	Middle Egypt (Cairo)	GÎZA	1008.4	SW	3	14.0	43	4	3	1019.4	-0.5	NW	2	10.5	14	-5	8	+2	90	+5	4	5	Nb	6	1	10	13
143	Middle Egypt	HELWÂN	1009.1	SSW	5	12.8	40	6	1	1020.4	+0.8	NW	3	8.6	13	-5	7	-1	91	+22	4	8	Cb	6	2	12	14
144	Middle Egypt	SUEZ								1019.0	+0.5	—	0	12.5	16	-3	11	+1	73	-3	1	—	—	—	1	8	15
153	Upper Egypt	FAIYÛM																									
154	Upper Egypt	MINYA								1024.6	+4.5	NNW	3	7.7	16	-4	5	-1	76	-4	0	7	—	—	dr	6	—
155	Upper Egypt	ASYÛT	1012.4	WSW	3	17.0	52	2	7	1023.6	+3.3	WSW	3	7.5	17	-3	4	-2	86	+14	0	6	—	2	0	0	4
156	Upper Egypt	QENA								1022.6	+3.4	WSW	2	9.5	18	-4	3	-4	67	0	0	6	—	3	0	dr	—
157	Upper Egypt	LUXOR								1022.6	—	ESE	1	9.7	20	—	5	—	70	—	0	6	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1016.3	NW	1	19.4	28	1	6	1023.8	+4.7	N	2	9.0	21	-3	7	-2	58	+4	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1015.9	WNW	5	17.0	33	2	6	1024.8	+5.0	W	1	7.2	—	—	2	-2	68	-2	0	6	—	0	0	25	4
149	Western Desert	BAHARÎYA	1012.7	W	9	13.7	71	7	8	1023.9	—	W	1	5.2	14	—	3	—	89	—	0	9	—	0	0	17	—
151	Western Desert	KHÂRGA	1017.8	N	3	20.2	38	0	9	1025.1	+5.5	—	0	8.9	21	-2	4	-2	71	+8	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1017.0	NW	8	17.0	24	7	8	1026.6	+6.3	NW	2	4.7	18	-4	2	-3	60	+6	0	5	—	0	0	dr	—
145	Red Sea	TÔR								1019.4	+1.3	NW	3	12.7	18	-3	10	+1	75	-16	5	6	—	5	tr	3	10
146	Red Sea	HURGHÂDA								1019.5	+1.1	WNW	4	13.0	20	-2	9	-1	53	-5	8	7	—	0	0	dr	0
147	Red Sea	QUSEIR								1020.2	+2.2	WSW	3	13.8	21	-2	12	-2	57	+7	0	7	—	0	0	1	7
164	Red Sea	PORT SUDAN								1018.2	+2.6	N	1	20.8	25	-2	17	-3	62	-4	2	—	—	—	0	40	96
165	North Sudan	WÂDI HALFA								1024.4	+5.2	N	2	8.2	19	-5	5	-3	72	+20	6	6	—	0	—	—	—
166	North Sudan	KAREIMA								1021.6	+4.8	N	3	11.2	—	—	6	-6	38	+2	6	6	Ci	0	0	dr	1
167	North Sudan	'ATBARA								1017.6	+2.7	N	4	14.8	26	-4	11	-3	56	+22	0	—	—	—	0	5	1
168	North Sudan	KHARTÛM								1019.1	+4.9	NW	4	14.0	30	-2	7	-8	28	-7	0	8	Ci	1	0	4	5
170	North Sudan	KASSALA								1016.7	+4.0	NNE	1	16.4	30	-4	13	-3	65	+3	2	9	Ci	0	0	0	11
171	Central Sudan	WAD MEDANI								1016.2	+2.8	N	4	15.9	30	-4	11	-4	20	-17	0	—	—	—	0	56	13
173	Central Sudan	DUEIM								—	—	NW	4	15.0	28	-5	12	-2	15	-18	0	—	—	—	0	21	12
182	Central Sudan	RENK									—					—		—		—							
172	Central Sudan	ROSEIRES								1013.6	+1.7	NNW	2	18.8	33	-3	15	-1	33	-10	0	—	—	—	0	3	37
174	Central Sudan	EL OBEID								1018.3	+2.4	NNE	3	12.0	—	—	7	-4	41	+6	0	8	—	7	0	23	17
175	Central Sudan	EL FÂSHER								1020.0	+5.8	NW	1	9.5	29	-1	5	-5	32	-2	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1014.2	+2.7	NNE	4	20.0	33	-2	17	-1	13	-13	3	7	Cs	2	0	81	146
177	S. Sudan	WÂU								1013.1	+2.0	N	3	18.9	33	-3	17	0	27	-20	0	—	—	—	0	180	142
178	S. Sudan	JÛBA																									
179		Geneina								—	—	NE	4	12.0	26	—	10	—	76	—	0	8	Ci	0	0	—	—
180		Gallabat								—	—	N	2	20.6	34	—	16	—	56	—	0	—	—	—	0	—	—

Upper Wind Observations on 16th — ارصاد الرياح العليا يوم ١٦

Height metres above M.S.L.	Almaza 07h.30m. Dir. E.of N.	Kms. per hour	Helwan 09h.45m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W.Halfa 07h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Ismailia R.A.F. 07h.00m. Dir.	Kms.	Abukir R.A.F. 07h.00m. Dir.	Kms.	Ramleh R.A.F. 07h.00m. Dir.	Kms.	Heliopolis R.A.F. 07h.00m. Dir.	Kms.	Salum 07h.00m. Dir.	Kms.
200	250	32	290	8	—	—	—	—	10	27	—	—	—	—	340	21	330	89	180	13	290	40	290	12
500	Ent	NS	Ent	Cb	320	42	330	47	0	48	10	76	10	69	10	19	330	84	140	16			—	—
1000					330	59	330	43	0	50	20	76	30	77	10	21	330	61	180	8			330	29
1500											20	32	50	63	20	37			240	5			330	14
2000											240	34			20	45			320	10			Ent	Sc
3000											290	21			0	63								
4000																								
5000																								
6000																								

Forecast for 24 hours from noon on 16th.

On the coast strong northwesterly winds moderating tomorrow.
Inland moderate winds between south-west and northwest.
Much low cloud decreasing later.
Further rain throughout Lower Egypt. Weather becoming less unsettled tomorrow but remaining cool

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٦
رياح شديدة شمالية غربية تقل سرعتها غدا على الساحل
ورياح معتدلة ما بين الجنوب الغربى والشمال الغربى فى الداخل
كثير من السحاب المنخفض ثم يتناقص فيما بعد
ومطر مرة أخرى على عموم الوجه البحرى
وحالة الطقس تزعزعا غدا ولكنه سيستمر باردا

Station	Mean of day Humidity % on 15th	Diff. from normal	Wet Bulb Temp. °C on 15th	Diff. from normal
Alexandria	81	+15	8.5	-2.2
Ezbekiya	75	+6	8.5	-1.7
Gîza	79	+6	8.3	-1.9
Helwân	78	+20	7.5	-1.4

Gîza Grass minimum on 16th 6.8 °C

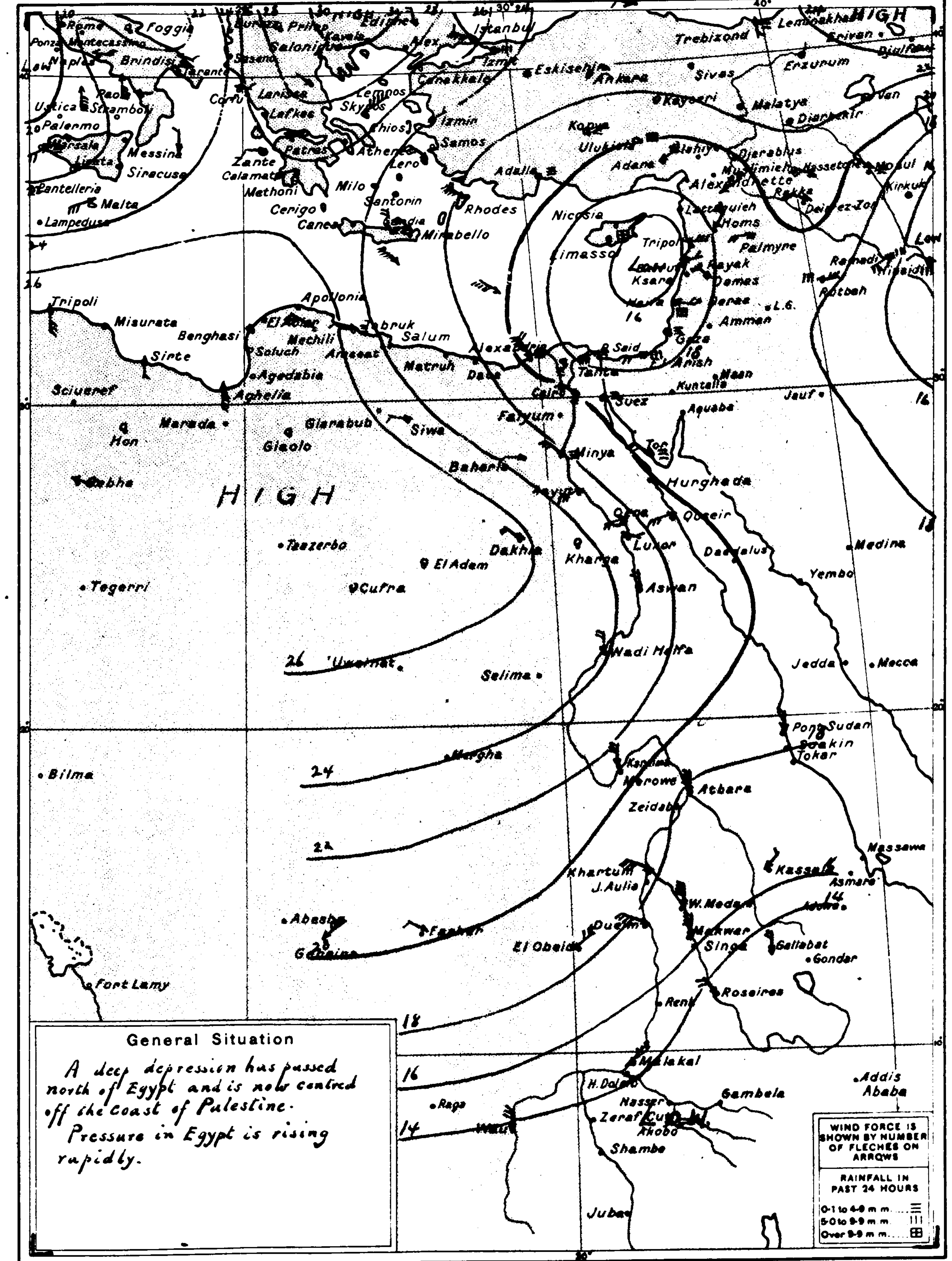
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
16.1	1099	1299
15.1	1099	1298

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16.1	13.23	-0.16	13.23	-0.17
Nâsser	14.1	5.73	-0.81	5.78	-0.81
Malakâl	16.1	10.59	-0.60	10.61	-0.67
Roseires	16.1	12.53	+0.41	12.55	+0.41
Sennâr Res.	15.1	20.69	—	20.68	—
Khartûm	16.1	10.76	-0.38	10.75	-0.33
Kh. el Girba					
'Atbara	16.1	10.48	-0.19	10.50	-0.18
Kajnarti	16.1	133.48	-0.40	133.49	-0.40
Wâdi Halfa					
Aswân Res.	16.1	120.76	—	120.75	—
,, D. S.	16.1	86.06	-0.13	86.06	-0.13
El Leisi	16.1	18.26	+0.03	18.27	+0.01
Rôda (Cairo)	16.1	14.52	-0.24	14.68	-0.29

Printed by the Survey of Egypt, 1936. (36/530)

Pressure and Wind at 8 h. 16-1-37



General Situation

A deep depression has passed north of Egypt and is now centred off the coast of Palestine.
Pressure in Egypt is rising rapidly.

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

PRESENT WEATHER
- Clear 0
- ¼ Clouded 1
- ½ Clouded 2
- ¾ Clouded 3
- Entirely clouded 4
- Raining 5
- Sand haze 6
- Sand storm 7
- Mist or Fog 8
- Thunderstorm 9

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

CLOUD FORM
- Cirrus Ci
- Cirro-cumulus Cc
- Cirro-stratus Cs
- Alto-stratus As
- Alto-cumulus Ac
- Strato-cumulus Sc
- Stratus St
- Nimbus Nb
- Nimbo-stratus Ns
- Cumulus Cu
- Cumulo-nimbus Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 15-1-37 — الساعة ٨ يوم ١٥ - ١ - ٢٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1011	-7	NE	3	8	—	—	—	—	—	—	5	—	—	—	Rain	—	248	ليماسول
Haifa	1014.4	-1.8	ESE	2	11.5	15	-3	7	-1	63	-5	3	—	—	—	0	403	403	حيفا
Gaza	1014.4	-2.4	SSE	1	8.0	14	-4	6	-2	75	-1	2	5	—	6	6	247	217	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise 06h. 52m.
sunset 17h. 19m.

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

DAILY WEATHER REPORT

Month *January*, 1937 ١٩٣٧ شهر جنايـر — ١٧-١-٣٧ — Pressure and Wind at 8 h. *17-1-37*

No.	STATION	At 14h. on 16th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 17th: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1024.6	WNW	3	10.5	76	4	5	1027.1	+8.4	W	2	8.3	13	—	6	—	81	—	4	5	Cb	5	tr	81	—
131	MATRÛH	1021.9	WNW	4	13.4	61	4	6																		
	DIKHEILA	1021.5	W	5	14.8	67	3	7	1024.2	—	NW	4	14.5	15	—	11	—	70	—	4	8	Sc	6	4	—	
132	ALEXANDRIA	1020.6	NW	5	14.3	66	4	8	1023.9	+4.9	N	5	13.2	17	-2	10	0	69	-5	4	7	Cb	6	7	149	126
	DAMIETTA								1023.1	—	SSW	2	10.0	18	—	7	—	87	—	4	—	—	—	1	43	62
134	PORT SAÏD	1019.1	WNW	4	16.5	62	1	7	1023.6	+6.2	SW	4	10.9	19	+1	9	-1	89	+12	3	7	Cu	5	tr	20	42
135	EL 'ARÎSH	1017.4	WNW	1	15.0	78	0	6	1021.9	—	WSW	2	11.2	16	—	8	—	84	—	1	6	Cu	0	0	—	—
136	LOWER EGYPT: DAMANHÛR								1024.3	+5.7	SSW	2	9.4	16	-4	9	+2	93	+7	3	7	—	6	4	43	57
137	MANSÛRA								1023.6	—	SW	1	9.9	17	-3	6	-1	88	+5	2	4	—	8	dr	20	23
…38	TANTA								1024.2	+4.7	SW	2	9.5	18	-2	6	-1	94	+9	2	6	—	6	1	23	18
…39	ZAGÂZÎG								1025.1	—	SW	1	9.6	18	-2	6	0	86	+2	3	5	—	—	dr	8	11
…41	MIDDLE EGYPT: CAIRO ALMÂZA	1020.2	NW	4	15.0	77	3	8	1025.0	—	SSW	3	9.0	16	—	5	—	81	—	4	6	Nb	5	dr	—	—
	CAIRO EZBEKÎYA	1019.4	NW	4	15.7	70	3	8	1025.1	+5.9	SSE	1	8.8	17	-2	7	0	86	+7	4	4	Sc,cb	5	dr	8	15
	CAIRO GÎZA	1019.4	NNW	3	16.8	61	3	5	1025.2	+5.3	SSE	2	8.1	17	-2	6	0	86	+1	3	5	Sc	5	dr	10	13
…3	HELWÂN	1019.9	NW	4	14.5	64	4	8	1025.8	+6.3	NW	1	8.5	15	-3	7	-1	79	+10	3	6	Cb	5	dr	12	14
144	SUEZ								1023.6	+5.1	E	1	11.6	17	-2	10	0	69	-7	3	—	—	—	dr	8	16
153	UPPER EGYPT: FAIYÛM																									
154	MINYA								—	—	N	2	8.0	18	-2	4	-2	68	-12	1	6	—	—	0	6	—
155	ASYÛT	1021.9	NNW	4	16.0	59	2	7	1027.2	+6.9	WNW	3	7.2	19	-1	4	-2	83	+11	0	7	—	1	0	0	4
156	QENA								1025.4	+6.2	WNW	1	8.0	19	-3	4	-3	72	+5	0	6	—	1	0	dr	—
157	LUXOR								1025.2	—	—	0	5.8	18	—	2	—	85	—	0	6	—	0	0	dr	—
158	ASWÂN	1021.2	N	2	17.0	33	0	6	1025.1	+6.0	—	0	9.0	18	-6	6	-3	63	+9	2	6	Ce	1	0	1	—
148	WESTERN DESERT: SÎWA	1023.2	WNW	2	16.0	45	0	6	1026.8	+7.0	—	0	7.0	16	-3	1	-3	66	-4	0	6	—	0	0	25	4
149	BAHARÎYA	1022.3	WNW	4	15.8	81	0	9	1027.5	—	S	1	6.0	16	—	1	—	66	—	0	9	—	0	0	17	—
151	KHÂRGA	1022.8	N	3	16.4	61	0	9	1026.8	+7.2	N	1	7.5	17	-6	3	-3	82	+19	0	9	—	0	0	0	0
152	DÂKHLA	1023.6	NNW	1	14.9	20	0	7	1027.9	+7.6	NW	1	6.0	15	-7	3	-2	63	+9	0	9	—	0	0	dr	—
145	RED SEA: TÔR								1024.2	+6.1	NNW	4	14.2	17	-4	9	0	45	-14	0	6	—	2	0	3	10
146	HURGHÂDA								1024.6	+6.2	NW	3	13.5	19	-3	8	-2	48	-10	8	7	—	3	0	dr	0
147	QUṢEIR								1023.9	+5.9	W	2	14.9	22	-1	12	-2	53	+3	0	7	—	0	0	1	7
169	PORT SUDAN								1019.5	+3.9	W	2	19.8	24	-3	15	-5	57	-9	1	—	—	—	0	40	96
165	NORTH SUDAN: WÂDI HALFA								1025.2	+6.0	N	3	7.6	18	-6	5	-3	71	+19	2	8	Cs	0	—	—	—
166	KAREIMA								1022.3	+5.5	NE	1	10.2	21	-8	7	-5	34	-2	3	7	Ci	2	0	dr	1
167	'ATBARA								1019.0	+4.1	N	4	14.2	23	-7	10	-3	57	+23	0	—	—	—	0	5	1
168	KHARṬÛM								1018.7	+4.5	NNW	6	12.8	27	-5	9	-6	36	+1	4	6	Ci	1	0	4	5
170	KASSALA								1015.1	+2.4	SE	1	18.4	30	-4	15	-1	71	+9	2	8	Ci	0	0	0	11
171	CENTRAL SUDAN: WAD MEDANI								1016.4	+3.0	NW	4	13.6	28	-6	11	-4	27	-10	0	—	—	—	0	56	13
173	DUEIM								—	—	NW	3	12.2	27	-6	10	-4	43	+10	0	—	—	—	0	21	12
182	RENK																									
172	ROSEIRES								1014.3	+2.4	NNW	2	17.8	34	-2	14	-2	23	-20	0	—	—	—	0	3	37
174	EL OBEID								1018.5	+2.6	NNW	2	10.5	25	-5	8	-3	49	+14	0	5	—	0	0	23	19
175	EL FÂSHER								1019.4	+5.2	NNW	1	9.0	27	-3	5	-5	42	+8	1	—	—	—	0	0	8
176	S. SUDAN: MALAKÂL								1014.6	+3.1	N	4	18.9	32	-3	17	-1	16	-9	3	7	Ci,Ac	2	0	81	93
177	WÂU								1013.5	+2.4	E	3	19.0	33	-3	16	-1	23	-23	0	—	—	—	0	180	147
178	JÛBA								1013.5	+2.9	NW	1	22.4	37	-1	18	-2	41	-14	1	9	—	—	0	131	142
179	Geneina								—	—	NE	5	10.7	29	—	—	—	75	—	4	6	Ci,Ac	0	—	—	—
180	Gallabat								—	—	N	1	21.0	33	—	15	—	41	—	0	—	—	—	0	—	—

Upper Wind Observations on 17th — ارصاد الرياح العليا يوم ١٧

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Dikheila 08h.00m. Dir.	Kms.	Cairo 08h15m. Dir.	Kms.	Almaza 07h.00m. Dir.	Kms.	Helwan 09h30m. Dir.	Kms.	Asyut 07h00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W.Halfa 06h00m. Dir.	Kms.	Kareima 06h00m. Dir.	Kms.	Khartum 05h00m. Dir.	Kms.	Geneina 07h00m. Dir.	Kms.	Obeid 06h00m. Dir.	Kms.	Malakal 06h00m. Dir.	Kms.	Matruh 16th 07h00m. Dir.	Kms.	Salum 16th 13h00m. Dir.	Kms.
200	290	8	320	35	240	11	240	19	180	15	—	—	—	—	20	29	—	—	—	—	—	—	—	—	—	—	320	18	310	8
600	—	—	330	36	310	17	290	26	220	16	330	13	350	36	30	56	30	50	10	51	—	—	—	—	20	71	310	18	—	—
1000	350	17	330	30	300	21	290	28	290	19	330	31	20	34	40	47	40	56	20	32	40	32	20	66	30	84	Ent Sc		310	15
1500	330	14			310	36	300	34	Ent Ab.		320	19	0	22	340	24	20	18	20	26	60	61	50	40	30	121			330	29
2000	Ent Cb.				Ent Cu		Ent Sc										330	11	350	18	170	13							Ent Nb.	
3000																					330	16								
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 17th

On the coast fresh northwest winds.
Inland moderate southwest to northwest winds.
Much low cloud at times.
Light scattered showers.
Improving somewhat but remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٧
رياح نسيمية شمالية غربية على الساحل
ورياح معتدلة ما بين الجنوب الغربي والشمال الغربي في الداخل
تظهر السحب المنخفضة في بعض الأوقات ومطر خفيفاً في أماكن متفرقة
ويتحسن الطقس قليلاً إلا أنه يستمر مائلاً للبرودة

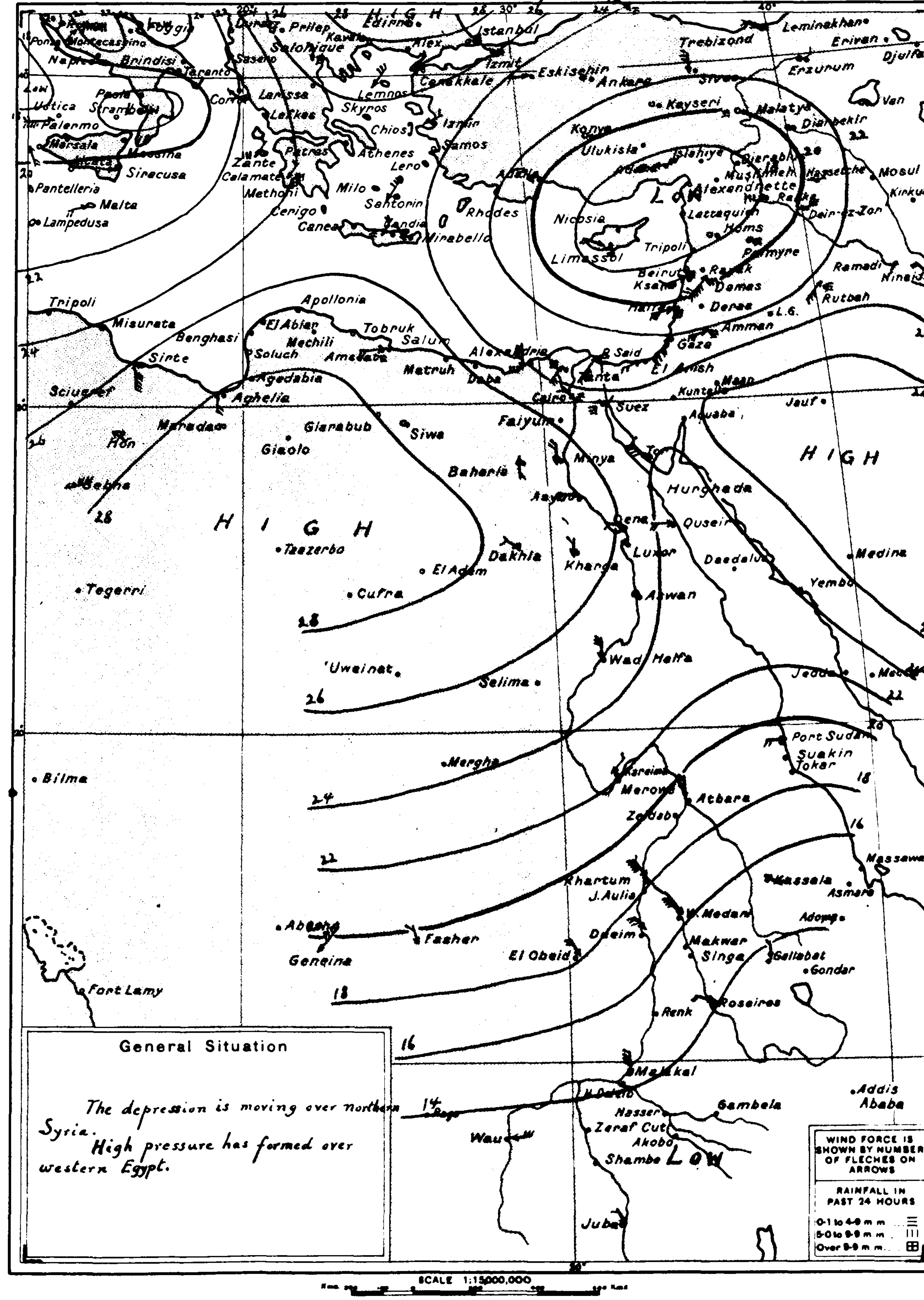
STATION	Mean of day: Humidity % on 16th	Diff. from normal	Wet Bulb Temp. °C on 16th	Diff. from normal
Alexandria	56	-8	10.3	+0.4
Ezbekiya	73	+15	10.8	+0.6
Gîza	81	+9	10.3	+0.1
Helwân	80	+23	9.5	+0.6

Gîza Grass minimum on 17th 2.1 °C

Discharges at Aswân measured by sluices m^3 per sec.

DATE	1937	1936
17.1	1099	1344
16.1	1099	1299

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17.1	13.26	-0.19	13.23	-0.16
Nâṣser	16.1	5.66	-0.74	5.70	-0.79
Malakâl	17.1	10.55	-0.66	10.59	-0.65
Roṣeireṣ	17.1	12.52	+0.42	12.53	+0.41
Sennâr Res.	16.1	20.69	—	20.69	—
Khartûm	16.1	10.76	-0.24	10.76	-0.28
Kh. el Girba					
'Atbara	16.1	10.45	-0.21	10.48	-0.19
Kajnarti	16.1	133.50	-0.35	133.48	-0.40
Wâdi Halfa					
Aswân Res.	17.1	120.77	—	120.76	
,, D. S.	17.1	86.07	-0.12	86.06	-0.13
El Leisi	17.1	18.25	+0.04	18.26	+0.03
Rôda (Cairo)	17.1	14.52	-0.23	14.52	-0.24



General Situation

The depression is moving over northern Syria.
High pressure has formed over western Egypt.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on *16-1-37* — الساعة ٨ يوم ١٦-١-٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from Normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1016	-2	—	0	7	—	—	—	—	—	—	3	—	—	—	Rain	—	251	ليماسول
Haifa	1017.8	+1.6	ESE	2	10.0	15	-3	8	0	72	+4	1	—	—	—	15	418	410	حيفا
Gaza	1017.6	+0.8	—	0	8.1	16	-2	7	-1	96	+20	0	9	—	6	3	256	220	غزة
Matruh	1022.6	+3.9	NNW	3	13.4	14	-4	6	-2	58	-21	4	6	Sc	6	11	125	91	مطروح

Remarks

ANNUAL SUBSCRIPTION
Inland Post ....P.T. 100
Abroad ........P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise 06 h. 51 m.
sunset 17 h. 20 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *January* 1937 ١٩٣٧ شهر يناير

1417 F.C.

١٩٣٧-١-١٨ Pressure and Wind at 8 h. *18-1-1937*

	STATION	At 14 h. on 17th ١٧ يناير الساعة ١٤							At 8 h. on Monday 18th ١٨ يوم الاثنين الساعة ٨																		
		Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY	BAR. PRESSURE Reduced to M.S.L. m.b.	BAR. PRESSURE Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																										
130	SALŪM	1024.6	W	2	14.2	54	3	6	1024.8	+6.1	W	3	5.6	15	—	5	—	73	—	1	5	Ci	1	0	81	—
131	MATRŪH	1023.5	NW	4	14.8	60	3	6	1024.3	+5.7	SSW	2	7.6	15	-3	6	-2	76	-3	1	6	Sc	1	0	126	94
	DIKHEILA														—		—		—								
132	ALEXANDRIA	1022.7	NNW	3	16.1	60	2	9	1025.0	+6.1	—	0	10.8	17	-2	10	0	69	+15	4	7	Ac	5	dr	149	128
	DAMIETTA								1024.3	—	SSW	1	9.8	16	—	7	—	92	—	0	—	—	—	dr	43	63
134	PORT SAÏD	1021.8	WSW	3	14.8	75	4	7	1024.4	+7.1	SSW	3	12.6	17	-1	10	0	85	+8	0	7	—	5	dr	20	43
135	EL 'ARÎSH	1021.1	WNW	2	15.0	78	1	6	1024.7	—	WSW	1	11.8	16	—	10	—	86	—	2	5	Cb	5	Fr	—	—
	LOWER EGYPT																										
136	DAMANHŪR								1025.8	+7.3	SSW	2	9.9	17	-3	8	+1	83	-3	4	6	—	5	Fr	43	58
137	MANSŪRA								1024.8	—	NW	1	7.5	18	-2	6	-1	86	+3	0	7	—	8	dr	20	24
8	TANTA								1025.4	+6.0	—	0	7.0	16	-4	4	-3	100	+15	0	7	—	5	Fr	23	19
9	ZAGĀZIG								1025.9	—	SW	2	9.2	16	-4	4	-2	88	+4	3	6	—	—	dr	8	11
	MIDDLE EGYPT — CAIRO																										
	ALMĀZA	1023.2	WSW	3	13.9	70	4	9	1025.2	—	SSE	1	8.7	14	—	4	—	83	—	1	7	Sc	5	dr	—	—
	EZBEKĪYA	1023.0	W	1	14.7	64	4	8	1025.5	+6.3	S	1	8.0	15	-4	6	-1	90	+11	1	4	Ci	2	0	8	16
	GĪZA	1022.6	NW	2	14.7	61	4	5	1026.0	+6.1	SE	2	7.5	16	-3	3	-3	93	+9	1	5	Sc	5	dr	10	14
	HELWĀN	1023.2	SSE	1	13.4	62	4	8	1025.6	+6.1	—	0	8.2	14	-4	6	-2	85	+16	0	6	—	5	dr	12	15
144	SUEZ								1025.6	+7.1	—	0	9.8	17	-2	8	-2	76	+1	0	—	—	—	0	8	16
	UPPER EGYPT																										
153	FAIYŪM																										
154	MINYA								1027.2	+7.2	N	1	7.5	17	-3	4	-2	79	-1	0	4	—	—	0	6	—
155	ASYUT	1023.5	NNW	3	16.0	59	0	7	1025.6	+5.3	WNW	3	7.4	18	-2	4	-2	77	+5	0	6	—	0	0	0	4
156	QENA								1023.5	+4.3	W	1	8.6	21	-1	5	-2	65	-2	0	6	—	0	0	dr	—
157	LUXOR								1023.5	—	—	0	5.3	21	—	2	—	83	—	0	6	—	0	0	dr	—
158	ASWĀN	1021.1	N	1	19.0	27	1	6	1023.1	+4.0	—	0	8.3	20	-4	6	-3	69	+15	1	6	Ci	1	0	1	—
	WESTERN DESERT																										
148	SĪWA	1024.6	—	0	16.8	50	0	9	1025.9	+6.1	—	0	6.8	18	-1	0	-4	45	-25	0	6	—	0	0	25	4
149	BAHARĪYA	1023.5	NW	3	16.2	45	0	9	1026.6	—	—	0	5.0	16	—	0	—	69	—	0	9	—	0	0	17	—
151	KHĀRGA	1023.9	N	3	16.8	65	0	9	1025.1	+5.6	N	1	9.5	17	-6	2	-4	70	+7	0	9	—	0	0	0	0
152	DĀKHLA	1024.6	NNE	2	16.0	32	0	9	1026.3	+6.0	—	0	5.0	17	-5	0	-5	57	+3	0	7	—	0	0	dr	—
	RED SEA																										
145	TŌR								1024.0	+5.9	N	2	10.2	18	-3	8	-1	60	+1	0	6	—	0	0	3	10
146	HURGHĀDA								1023.6	+5.3	WNW	3	13.8	19	-3	9	-1	68	+10	0	7	—	1	0	dr	0
147	QUSEIR																										
149	PORT SUDAN								1018.6	+3.0	N	1	21.2	22	-5	17	-2	64	-2	2	—	—	—	0	40	76
	NORTH SUDAN																										
165	WĀDI HALFA								1023.6	+4.5	N	2	7.9	18	-6	5	-3	72	+20	0	8	—	0	—	—	—
166	KAREIMA								1019.9	+3.1	NNE	1	13.0	23	-6	11	-1	41	+5	3	8	Ci	2	0	dr	1
167	'ATBARA								1018.2	+3.3	N	3	16.3	24	-6	11	-2	53	+19	0	—	—	—	0	5	1
168	KHARTŪM								1017.5	+3.4	N	4	14.9	28	-4	10	-5	35	+1	2	8	Ci	1	0	4	5
170	KASSALA								1015.0	+2.3	NNE	1	18.2	29	-5	12	-4	71	+9	2	8	Cs	0	0	0	11
	CENTRAL SUDAN																										
171	WAD MEDANI								1014.8	+1.4	NW	3	15.8	29	-5	12	-3	32	-4	0	—	—	—	0	56	13
173	DUEIM								—	—	NW	4	15.0	27	-6	12	-2	25	-8	0	—	—	—	0	21	12
182	RENK														—		—		—								
172	ROSEIRES								1013.0	+1.1	WNW	2	18.8	34	-2	15	-1	27	-16	0	—	—	—	0	3	37
174	EL OBEID								1016.8	+0.9	N	3	11.9	25	-5	7	-4	51	+16	3	8	Ci	1	0	23	19
175	EL FĀSHER								1018.2	+4.0	NW	1	10.0	26	-4	6	-4	33	0	0	—	—	—	0	0	8
	S. SUDAN																										
176	MALAKĀL								1013.3	+1.8	N	3	19.8	32	-3	18	0	16	-9	2	6	Ci,Ac	1	0	81	93
177	WĀU								1012.0	+0.9	N	3	19.0	32	-4	15	-2	26	-20	0	—	—	—	0	180	147
178	JŪBA								1011.1	+0.6	NW	2	23.8	37	-1	20	0	34	-20	0	—	—	—	0	131	142
179	Geneina								—	—	NE	4	10.5	28	—	11	—	75	—	2	7	Cs	0	—	—	—
180	Gallabat								—	—	NNE	1	22.0	33	—	15	—	58	—	0	—	—	—	0	—	—

Upper Wind Observations on 18th ١٨ يوم ارصاد الرياح العليا

Height metres above M.S.L.	Salum 07 h. 00 m. Dir E of N	Kms per hour	Mersa Matruh 07 h. 00 m. Dir E of N	Kms per hour	Almaza 07 h. 30 m. Dir E of N	Kms per hour	Cairo 08 h. 30 m. Dir E of N	Kms per hour	Helwan 08 h. 30 m. Dir E of N	Kms per hour	Asyut 07 h. 00 m. Dir E of N	Kms per hour	Aswan 07 h. 00 m. Dir E of N	Kms per hour	Wadi Halfa 07 h. 00 m. Dir E of N	Kms per hour	Kareima 06 h. 00 m. Dir E of N	Kms per hour	Khartum 06 h. 00 m. Dir E of N	Kms per hour	Obeid 06 h. 00 m. Dir E of N	Kms per hour	Malakal 06 h. 00 m. Dir E of N	Kms per hour	Geneina 07 h. 00 m. Dir E of N	Kms per hour	Matruh 19th 07 h. 00 m. Dir E of N	Kms per hour	Sodman 17th 12 h. 00 m. Dir E of N	Kms per hour
200	270	18	280	35	200	5	—	—	50	3	—	—	—	—	20	31	—	—	—	—	—	—	—	—	—	—	300	16	250	12
500	—	—	250	19	30	6	60	8	10	2	20	29	20	38	40	43	30	47	10	69	—	—	30	66	—	—	340	25	—	—
1000	340	11	250	12	60	19	90	8	60	19	10	27	20	34	20	31	50	63	20	53	30	48	50	72	50	64	Enl	Sc	260	22
1500	330	12	260	18	30	10	60	21	40	15	0	48	350	28	340	26	0	27	90	5	60	37	—	—	60	14	—	—	340	5
2000	280	20	260	14	350	7			0	10							310	40	—	—	270	5	—	—	150	27	—	—	340	14
3000	290	38	Enl	Sc	320	28			320	40																				
4000					300	60			300	61																				
5000																														
6000																														

Forecast for 24 hours from noon on 18th

Light to moderate winds chiefly south-westerly on the coast, variable inland.
Occasional medium cloud.
Temperature about normal.

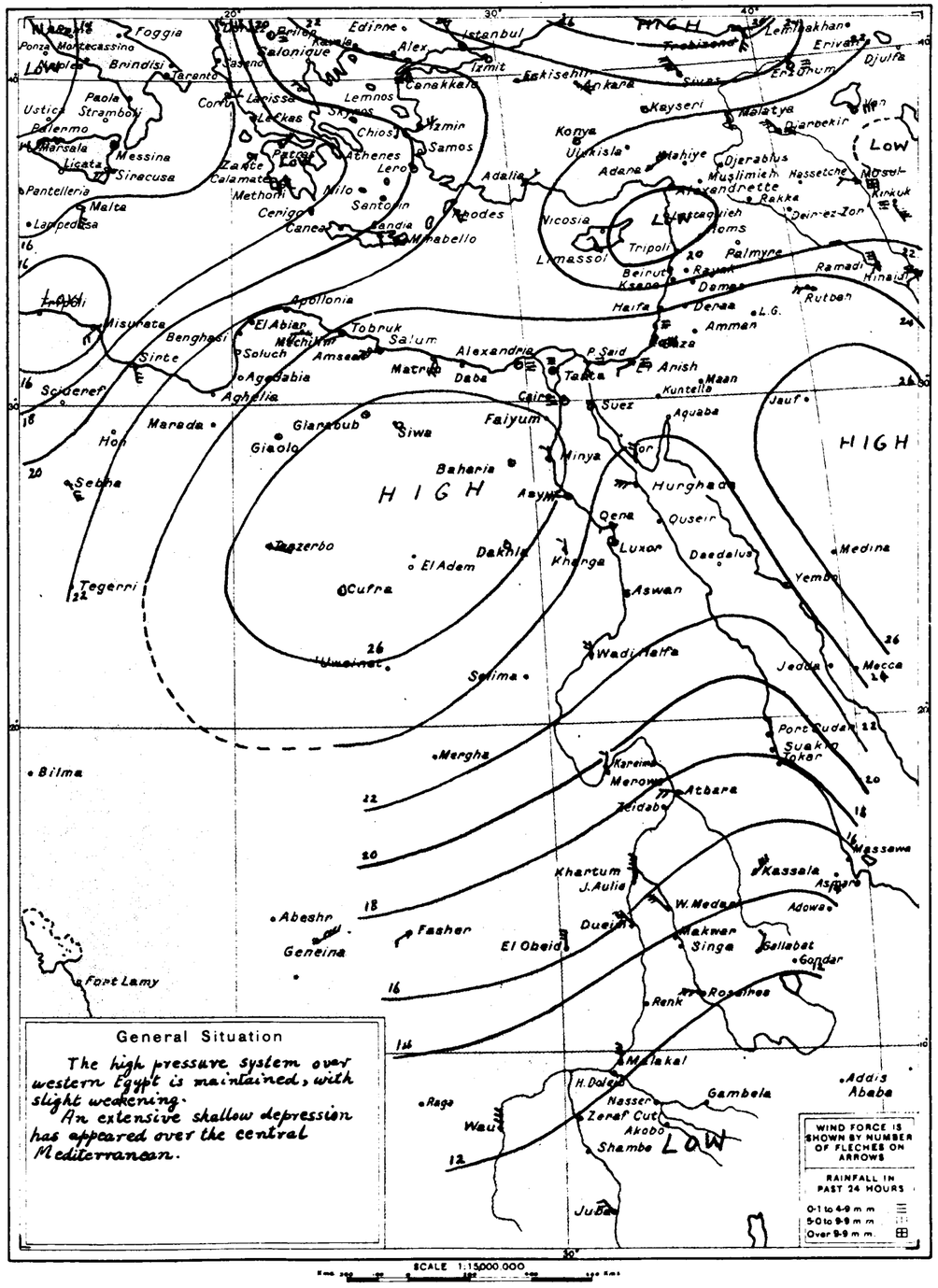
تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر ١٨
رياح ما بين الخفيفة والمعتدلة أغلبها جنوبية غربية على
السواحل ومختلفة الاتجاه في الداخل
يظهر بعض السحاب العالي
درجة الحرارة حوالي المعدل

STATION	Mean of day: HUMIDITY % on 17th	HUMIDITY Diff from normal	WET BULB TEMP. °C on 17th	WET BULB TEMP. Diff from normal
Alexandria	64	-2	11.1	+0.4
Ezbekiya	78	+10	9.9	-0.3
Giza	76	+4	9.4	-0.8
Helwan	71	+14	8.7	-0.2
Giza Grass minimum on 18th			-0.7 °C	

Discharges at Aswān measured by sluices m^3 per sec

DATE	1937	1936
18.1	1099	1407
17.1	1099	1344

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m
Jūba	18.1	13.20	-0.19	13.20	-0.19
Nāsser	17.1	5.63	-0.71	5.66	-0.74
Malakāl	18.1	14.52	-0.65	14.55	-0.66
Roseires	18.1	12.50	+0.41	12.52	+0.42
Sennār Res.	17.1	2.69	—	2.69	—
Khartūm	17.1	10.72	-0.25	10.76	-0.24
Kh. el Girba					
'Atbara	17.1	10.40	-0.25	10.45	-0.21
Kajnarti	17.1	133.49	-0.34	133.50	-0.35
Wādi Halfa					
Aswān Res. D.S.	18.1	120.76	—	120.77	—
	18.1	86.07	-0.12	86.07	-0.12
El Leisi	18.1	18.20	+0.06	18.25	+0.04
Rōda (Cairo)	18.1	14.52	-0.21	14.51	-0.23



General Situation

The high pressure system over western Egypt is maintained, with slight weakening.
An extensive shallow depression has appeared over the central Mediterranean.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

STATION	At 8 h. on 17-1-1937 ١٩٣٧-١-١٧ الساعة ٨ يوم: BAR. PRESSURE Reduced to M.S.L. m.b	BAR. PRESSURE Diff. from normal m.b	WIND Dir	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM To day °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1017	-1	WNW	2	10	—	—	—	—	—	—	2	—	—	—	Rain	—	255	ليماسول
Haifa	1020.2	+4.0	WSW	3	14.9	16	-2	8	0	67	-1	4	—	—	—	15	433	416	حيفا
Gaza	1022.8	+6.0	SSW	2	9.3	16	-2	7	-1	86	+0	4	4	—	6	4	254	222	غزة
Matruh	1024.6	+6.0	WSW	2	9.9	14	-4	9	+1	80	+1	4	6	Sc	6	1	126	92	مطروح

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CAIRO

Time of sunrise h. 06 m. 51

sunset h. 17 m. 21

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

DAILY WEATHER REPORT

Month *January* 1937 ١٩٣٧ شهر يناير

١٩٣٧-١-١٩ Pressure and Wind at 8 h. *19-1-1937*

		STATION	At 14h. on 18th الساعة ١٤ يوم ١٨ Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
130	MEDITERRANEAN	S[illegible]M	1022.6	SW	2	13.4	47	4	5
131	MEDITERRANEAN	M[illegible]H	1022.2	WSW	3	15.1	53	4	6
	MEDITERRANEAN	DIK[illegible]A							
132	MEDITERRANEAN	ALE[illegible]DRIA	1022.8	SW	5	16.0	57	4	8
	MEDITERRANEAN	DAM[illegible]A							
134	MEDITERRANEAN	PORT [illegible]ID	1022.6	NW	3	19.2	55	1	7
135	MEDITERRANEAN	EL [illegible]SH	1022.4	WNW	2	15.3	63	1	5
136	LOWER EGYPT	DAM[illegible]HŪR							
[illegible]	LOWER EGYPT	MAN[illegible]RA							
[illegible]	LOWER EGYPT	TAN[illegible]							
[illegible]	LOWER EGYPT	ZA[illegible]ZĪG							
[illegible]	MIDDLE EGYPT	ALMAZA	1022.3	WNW	1	16.8	48	3	7
[illegible]	MIDDLE EGYPT	EZBEKĪYA	1022.4	NE	2	17.8	55	3	7
[illegible]	MIDDLE EGYPT	GÎZA	1022.3	NNW	1	18.5	50	3	5
143	MIDDLE EGYPT	HELWÂN	1022.4	NW	1	15.8	54	2	7
144	MIDDLE EGYPT	SUEZ							
153	UPPER EGYPT	FAIYŪM							
154	UPPER EGYPT	MINYA							
155	UPPER EGYPT	ASYŪT	1020.7	NNW	3	17.2	59	0	7
156	UPPER EGYPT	QENA							
157	UPPER EGYPT	LUXOR							
158	UPPER EGYPT	ASWÂN	1019.4	N	1	20.0	32	0	6
148	WESTERN DESERT	SÎWA	1022.2	—	0	16.0	53	3	6
149	WESTERN DESERT	BAHARÎYA	1021.8	ESE	1	18.0	43	2	8
151	WESTERN DESERT	KHÂRGA	1020.4	N	3	18.4	67	0	9
152	WESTERN DESERT	DÂKHLA	1021.1	NE	2	18.5	33	0	9
145	RED SEA	TÓR							
146	RED SEA	HURGHÂDA							
147	RED SEA	QUSEIR							
169	RED SEA	PORT SUDAN							
165	NORTH SUDAN	WÂDI HALFA							
166	NORTH SUDAN	KAREIMA							
167	NORTH SUDAN	'ATBARA							
168	NORTH SUDAN	KHARTŪM							
170	NORTH SUDAN	KASSALA							
171	CENTRAL SUDAN	WAD MEDANI							
173	CENTRAL SUDAN	DUEIM							
182	CENTRAL SUDAN	RENK							
172	CENTRAL SUDAN	ROSEIRES							
174	CENTRAL SUDAN	EL OBEID							
175	CENTRAL SUDAN	EL FÂSHER							
176	S. SUDAN	MALAKÂL							
177	S. SUDAN	WÂU							
178	S. SUDAN	JŪBA							
179		Geneina							
180		Gallabat							

	STATION	At 8h. on Tuesday 19th الساعة ٨ يوم الثلاثاء ١٩ BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	HUMIDITY %	Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	S[illegible]M	1021.9	+3.2	—	0	9.7	14	—	5	—	57	—	2	5	As	2	0	81	—
131	M[illegible]H	1021.8	+3.2	SSW	2	9.1	15	-3	7	-1	71	-8	4	6	Sc	2	0	126	95
	DIK[illegible]A							—		—		—							
132	ALE[illegible]DRIA	1022.2	+3.3	—	0	11.4	17	-2	9	-1	81	+7	4	8	Ac	2	0	149	130
	DAM[illegible]A	1021.9	—	S	1	11.6	19	—	8	—	94	—	4	—	—	—	0	43	64
134	PORT [illegible]ID	1021.9	+4.6	NW	3	13.8	20	+2	10	0	80	+3	1	6	Cc	1	0	20	44
135	EL [illegible]SH	1021.1	—	SSE	1	13.5	16	—	8	—	72	—	0	6	St	0	0	—	—
136	DAM[illegible]HŪR	1022.2	+3.7	ESE	1	9.5	18	-2	8	+1	89	+4	3	4	—	2	0	43	59
[illegible]	MAN[illegible]RA	1021.5	—	SE	1	10.2	19	-1	7	0	89	+7	2	6	—	1	0	20	24
[illegible]	TAN[illegible]	—	—	—	0	11.0	20	0	7	0	87	+2	2	6	—	2	0	23	19
[illegible]	ZA[illegible]ZĪG	1021.9	—	NW	1	9.8	19	-1	8	+2	87	+3	3	6	—	—	0	8	11
[illegible]	ALMÁZA	1021.6	—	E	1	10.7	18	—	6	—	76	—	3	7	Sc	1	0	—	—
[illegible]	EZBEKĪYA	1021.1	+1.9	NNE	1	9.7	19	0	8	+1	88	+9	3	6	Cu	1	0	8	16
[illegible]	GÎZA	1021.1	+1.2	NE	1	9.8	20	+1	5	-1	84	0	4	5	Sc	2	0	10	14
143	HELWÂN	1021.4	+1.9	NE	2	10.6	17	-1	6	-2	70	+1	3	5	Cc	0	0	12	15
144	SUEZ	1021.2	+2.7	NW	1	11.5	18	-1	9	-1	70	-5	2	—	—	—	0	8	16
153	FAIYŪM	1021.5	+2.1	NNW	1	9.0	20	0	4	-2	71	-4	1	6	—	1	0	4	7
154	MINYA	1021.5	+1.6	N	1	7.7	17	-3	4	-2	73	-7	2	5	—	—	0	6	—
155	ASYŪT	1021.6	+1.3	WSW	3	8.5	20	0	4	-2	83	+12	3	6	Sc	0	0	0	4
156	QENA	1021.0	+1.9	W	1	7.8	21	-1	5	-2	71	+4	3	6	Sc	0	0	tr	—
157	LUXOR	1020.6	—	ENE	2	9.9	21	—	5	—	75	—	3	6	—	1	0	tr	—
158	ASWÂN	1019.5	+0.4	NNE	1	11.0	21	-3	8	-1	61	+7	3	6	Cu	1	0	1	—
148	SÎWA	1022.0	+1.2	—	0	8.9	16	-3	3	-1	63	-7	4	6	Cu	2	0	25	4
149	BAHARÎYA	1022.0	—	S	1	6.2	19	—	2	—	67	—	1	8	Ci	1	0	17	—
151	KHÂRGA	1020.8	+1.3	N	1	13.0	17	-6	6	0	77	+14	0	9	—	0	0	0	0
152	DÂKHLA	1021.5	+1.2	—	0	7.5	19	-3	4	-1	52	-1	4	7	—	0	0	tr	—
145	TÓR	1022.4	+4.3	NE	2	9.0	20	-1	7	-2	80	+21	3	6	—	5	tr	3	10
146	HURGHÂDA	1020.4	+2.1	NW	2	11.9	20	-2	8	-2	50	-7	2	6	—	1	0	tr	0
147	QUSEIR	1020.2	+2.3	WSW	2	15.8	21	-2	13	-1	64	+14	0	7	—	0	0	1	7
169	PORT SUDAN	1016.6	+1.0	N	2	21.5	23	-4	18	-1	71	+5	4	—	—	—	0	40	96
165	WÂDI HALFA	1018.8	-0.3	N	1	8.7	20	-4	4	-4	61	+10	2	8	Cs	0	—	—	—
166	KAREIMA	1017.5	+0.7	—	0	13.2	23	-4	9	-3	36	0	1	8	Ci	0	0	tr	1
167	'ATBARA	1015.8	+0.9	N	3	15.8	28	-2	10	-3	52	+9	0	—	—	—	0	5	1
168	KHARTŪM	1014.4	+0.3	N	4	16.9	30	-2	12	-3	37	+3	1	8	Ci	1	0	4	5
170	KASSALA	1012.2	-0.4	E	1	20.9	30	-4	16	0	65	+3	0	9	Ci	0	0	0	11
171	WAD MEDANI	1013.9	+0.5	NE	3	16.9	31	-3	13	-2	47	+11	0	—	—	—	0	56	13
173	DUEIM	—	—	W	3	16.2	30	-3	13	-1	51	+18	1	—	—	—	0	21	12
182	RENK																		
172	ROSEIRES	1011.9	+0.1	NNW	2	19.2	35	-1	15	-1	35	-7	0	—	—	—	0	3	37
174	EL OBEID	1015.5	-0.4	NNW	1	11.6	27	-3	10	-1	56	+22	3	8	Cs	1	0	23	19
175	EL FÂSHER	1017.0	+2.8	NE	1	9.8	29	-1	5	-5	29	-4	0	—	—	—	0	0	8
176	MALAKÂL	1011.2	-0.3	N	4	22.0	34	-2	19	+1	25	0	3	7	Cs/Sc	2	0	81	93
177	WÂU	1011.4	+0.4	N	3	20.0	32	-4	17	0	36	-10	4	—	—	—	0	180	147
178	JŪBA	1010.7	+0.2	NW	3	25.8	38	0	23	+3	28	-26	1	9	—	—	0	131	142
179	Geneina	—	—	NE	3	12.1	28	—	11	—	76	—	0	8	—	0	—	—	—
180	Gallabat	—	—	E	1	22.7	35	—	15	—	61	—	2	—	—	—	0	—	—

Upper Wind Observations on 19th ارصاد الرياح العليا يوم ١٩

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E. of N.	Kms. per hour	Almaza 07 h. 30 m. Dir. E. of N.	Kms. per hour	Helwan 08 h. 45 m. Dir. E. of N.	Kms. per hour	Aswan 07 h. 00 m. Dir. E. of N.	Kms. per hour	Aswan 07 h. 00 m. Dir. E. of N.	Kms. per hour	El Halfa 08 h. 00 m. Dir. E. of N.	Kms. per hour	Khartum 08 h. 00 m. Dir. E. of N.	Kms. per hour	Obeid 08 h. 00 m. Dir. E. of N.	Kms. per hour	Malakal 08 h. 00 m. Dir. E. of N.	Kms. per hour
200	—	0	70	16	130	14	—	—	—	—	40	14	—	—	—	—	—	—
600	—	—	70	24	190	7	60	8	50	28	60	39	30	76	—	—	20	71
1000	250	24	90	16	210	8	60	1	50	26	70	32	40	60	30	63	30	79
1500	220	33	310	19	270	15	320	5	70	12	10	26	10	40	40	43		
2000	240	30	250	28	East	Lo	330	8					10	61	50	29		
3000	260	51	280	34			300	37					340	39	20	18		
4000			280	55											210	3		
5000															210	8		
6000																		

Height metres above M.S.L.	Geneina 07 h. 00 m. Dir. E. of N.	Kms. per hour	Jamaika 07 h. 00 m. Dir. E. of N.	Kms. per hour	Akakir 07 h. 00 m. Dir. E. of N.	Kms. per hour	Ramleh 07 h. 00 m. Dir. E. of N.	Kms. per hour	Amman 07 h. 00 m. Dir. E. of N.	Kms. per hour	Salum 18th 13 h. 00 m. Dir. E. of N.	Kms. per hour
200	—	—	100	13	180	13	90	8	—	—	270	7
600	—	—	90	14	210	14	130	10	—	—	—	—
1000	60	43	100	16	220	6	150	8	140	16	230	26
1500	60	19	210	6	270	18	190	13	170	27	280	10
2000	270	27	270	24	270	29	230	11	190	14	270	32
3000			250	34	280	50	250	31	240	34		

Forecast for 24 hours from noon on 19th

On the coast moderate southerly winds. Inland light to moderate variable winds. Some high cloud. Mild by day.

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر ١٩

رياح معتدلة جنوبية على الساحل
رياح ما بين الخفيفة والمعتدلة مختلفة الاتجاه في الداخل
يظهر بعض السحب العالي
والطقس معتدل بالنهار

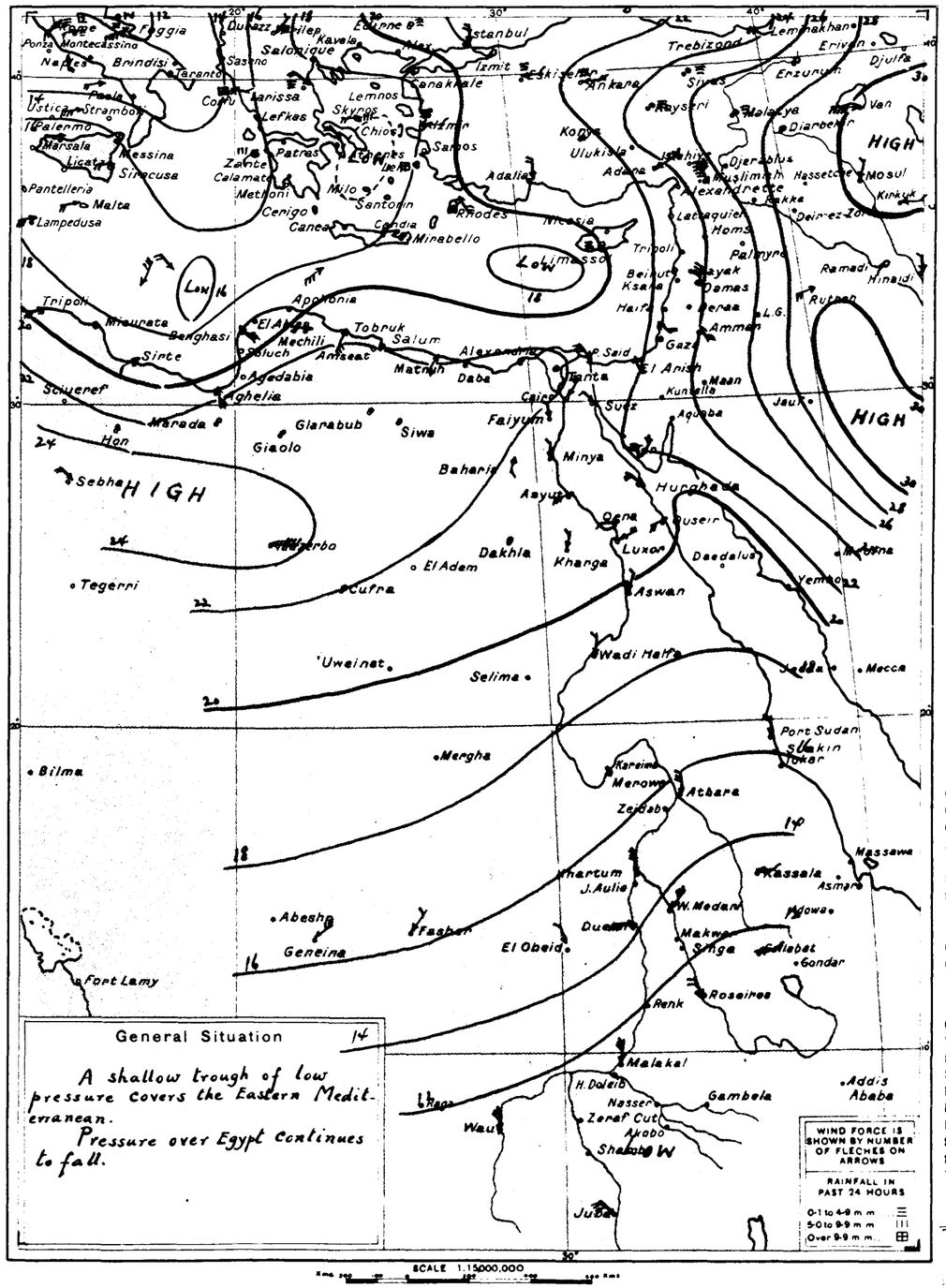
STATION	Mean of day: Humidity % on 18th	Diff. from normal	Wet bulb temp. °C on 18th	Diff. from normal
Alexandria	74	+8	10.7	0
Ezbekiya	78	+10	10.1	-0.1
Giza	79	+7	9.6	-0.5
Helwân	67	+10	9.2	+0.3

Giza Grass minimum on 19th 1.8 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
19-1	1101	1438
18-1	1099	1407

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19-1	13.19	-0.20	13.20	-0.19
Nâsser	19-1	5.89	-0.48	5.63	-0.77
Malakâl	19-1	10.52	-0.62	10.52	-0.65
Roseires	19-1	12.49	+0.42	12.50	+0.41
Sennâr Res.	18-1	20.70	—	20.69	—
Khartûm	18-1	10.71	-0.24	10.72	-0.25
Kh. el Girba					
'Atbara	18-1	10.38	-0.25	10.40	-0.25
Kajnarti	18-1	133.48	-0.32	133.49	-0.34
Wâdi Halfa					
Aswân Res.					
.. D. S.	19-1	120.77	—	120.76	—
El Leisi	19-1	86.07	-0.12	86.07	-0.12
Rôda (Cairo)	19-1	18.25	+0.06	18.25	+0.06
	19-1	14.52	-0.21	14.52	-0.21



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

STATION	At 8h. on 18-1-1937 الساعة ٨ يوم ١٨-١-١٩٣٧ BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	HUMIDITY %	Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1020	+2	NNW	1	8	—	—	—	—	—	—	4	—	—	—	0	—	258	ليماسول
Haifa	1020.7	+4.5	ESE	1	15.6	16	-2	8	0	66	-2	4	—	—	—	4	437	423	حيفا
Gaza	1024.0	+7.3	—	0	10.1	15	-3	8	0	94	+16	0	9	—	6	9	263	225	غزه

ANNUAL SUBSCRIPTION

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CAIRO

Time of sunrise 6 h. 31 m.
sunset 17 h. 22 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *January*, 1937 — ١٩٣٧ شهر يناير — ٢٠-١-٣٧ Pressure and Wind at 8 h. 20-1-1937

1417 F.C.

At 14h. on 19th — الساعة ١٤ يوم ١٩

		STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN	SALŪM	1019.0	SW	2	16.3	37	3	6
131		MATRŪH	1018.4	SSW	2	16.8	48	3	6
		DIKHEILA	1021.0	NW	1	15.4	66	3	—
132		ALEXANDRIA	1019.9	—	0	17.4	37	4	9
		DAMIETTA							
134		PORT SAÏD	1019.4	NNW	3	17.6	41	2	7
135		EL 'ARĪSH	1018.7	NNW	2	15.3	45	0	6
136	LOWER EGYPT	DAMANHŪR							
137		MANSŪRA							
138		TANTA							
139		ZAGĀZĪG							
141	MIDDLE EGYPT	CAIRO: ALMĀZA	1019.9	NW	1	18.0	47	3	9
		CAIRO: EZBEKĪYA	1016.8	N	1	18.8	56	3	7
		CAIRO: GĪZA	1018.7	N	1	14.0	50	3	5
143		HELWĀN	1018.0	NW	2	17.7	41	2	7
144		SUEZ							
153	UPPER EGYPT	FAIYŪM							
154		MINYA							
155		ASYŪT	1018.0	NW	2	18.0	62	3	7
156		QENA							
157		LUXOR							
158		ASWĀN	1014.7	N	1	23.2	34	3	6
148	WESTERN DESERT	SĪWA	1019.2	—	0	15.8	52	4	6
149		BAHARĪYA	1018.6	NNE	1	18.4	44	1	8
151		KHĀRGA	1017.1	N	1	21.0	58	0	9
152		DĀKHLA	1017.8	NW	1	19.0	26	4	6
145	RED SEA	TŌR							
146		HURGHĀDA							
147		QUSEIR							
169		PORT SUDAN							
165	NORTH SUDAN	WĀDI HALFA	1015.6	N	2	22	—	2	8
166		KAREIMA	—	NNE	1	—	—	0	8
167		'ATBARA	1009.3	N	2	28.2	—	0	—
168		KHARTŪM	1007.2	NNW	4	30	—	0	8
170		KASSALA	1005.5	NE	3	31	—	1	8
171	CENTRAL SUDAN	WAD MEDANI	1005.8	NE	3	31.8	—	0	—
173		DUEIM							
182		RENK							
172		ROSEIRES							
174		EL OBEID	1008.1	NNE	2	28	—	0	8
175		EL FĀSHER	1007.2	NW	2	31.0	—	0	—
176	S. SUDAN	MALAKĀL	1005.9	NE	1	30	—	4	7
177		WĀU	1005.6	E	3	33.0	—	0	—
178		JŪBA	1005.4	NW	2	32.0	—	1	—
179		Gonēina	—	SE	3	33	—	1	8
180		Gallabat	—	NW	1	33.7	—	0	—

At 8h. on Wednesday 20th — الساعة ٨ يوم ٢٠ الاربعاء

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total 1 Jan. to yesterday m.m.	Rainfall Normal 1 Jan. to yesterday m.m.
130	SALŪM	1023.0	+4.3	W	2	8.3	17	—	6	—	57	—	0	5	—	1	0	81	—
131	MATRŪH	1021.9	+3.4	S	2	10.4	17	-1	8	0	48	-11	0	6	Se	0	0	126	97
	DIKHEILA	1023.4	—	S	1	12.1	16	—	8	—	87	—	8	7	Ac	0	0	—	—
132	ALEXANDRIA	1022.7	+3.8	—	0	11.4	19	0	10	0	86	+12	1	8	Cu	0	0	149	131
	DAMIETTA	1021.6	—	WSW	1	10.0	20	—	8	—	98	—	0	—	—	—	0	43	65
134	PORT SAÏD	1021.9	+4.6	NNW	3	15.6	19	+1	11	+1	88	+11	0	8	—	1	0	20	44
135	EL 'ARĪSH	1021.6	—	—	0	12.0	16	—	7	—	80	—	0	6	—	0	0	—	—
136	DAMANHŪR	1022.6	+4.2	—	0	7.8	20	0	6	-1	94	+9	0	4	—	2	0	43	60
137	MANSŪRA	1021.5	—	SE	1	10.6	19	-1	8	+1	87	+5	0	7	—	1	0	20	25
138	TANTA	1022.7	+3.4	—	0	8.0	19	-1	4	-3	—	—	0	7	—	2	0	23	19
139	ZAGĀZĪG	1023.0	—	SW	1	8.6	18	-2	4	-2	89	+6	3	5	—	—	0	8	12
141	CAIRO: ALMĀZA	1022.0	—	—	0	10.1	18	—	6	—	75	—	8	4	Ac	3	0	—	—
	CAIRO: EZBEKĪYA	1022.3	+3.1	—	0	8.6	20	+1	7	0	95	+16	0	3	Cc	1	0	8	16
	CAIRO: GĪZA	1022.6	+2.8	NNW	1	7.8	19	0	6	0	94	+10	2	3	Cs	1	0	10	14
143	HELWĀN	1022.3	+2.9	NNE	1	9.8	18	-1	8	0	91	+22	1	4	Cc	1	0	12	15
144	SUEZ	1021.4	+3.0	NW	3	12.5	20	+1	11	+1	71	-4	0	—	—	—	0	8	16
153	FAIYŪM	1021.6	+2.3	NNE	1	11.0	20	0	8	+2	83	+8	2	6	—	1	0	4	7
154	MINYA	—	—	NNW	3	12.5	19	-1	7	+1	77	-3	4	7	—	—	0	6	—
155	ASYŪT	1020.8	+0.5	WSW	3	10.5	19	-1	7	+1	84	+13	4	5	Sc	2	0	0	4
156	QENA	1018.2	-0.9	WNW	1	12.0	17	-5	6	-1	74	+7	4	6	Cb	2	0	dr	—
157	LUXOR	1016.8	—	ENE	2	11.4	21	—	8	—	78	—	4	6	—	2	0	dr	—
158	ASWĀN	1017.9	-1.2	NNE	1	12.7	24	0	9	0	54	+1	2	6	Cc	1	0	1	—
148	SĪWA	1021.1	+1.4	—	0	6.1	17	-2	0	-4	66	-4	0	6	—	0	0	25	4
149	BAHARĪYA	1021.8	—	N	1	10.5	19	—	—	—	70	—	0	9	—	0	0	17	—
151	KHĀRGA	1018.8	-0.7	N	2	14.2	21	-2	7	+1	73	+10	4	9	—	1	0	0	0
152	DĀKHLA	1019.9	-0.3	WNW	1	11.0	21	-1	6	+1	40	-13	4	6	—	0	0	dr	—
145	TŌR	1019.1	+1.0	N	1	13.0	22	+1	8	-1	45	-14	3	6	—	2	0	3	10
146	HURGHĀDA	1018.3	+0.1	NW	3	17.0	19	-3	—	—	36	-21	4	5	—	1	0	dr	0
147	QUSEIR	1018.6	+0.7	W	2	16.0	—	—	—	—	62	+12	4	6	—	1	0	1	7
169	PORT SUDAN	1015.0	-0.8	N	1	22.7	26	-1	21	+2	41	-5	4	—	—	—	0	40	97
165	WĀDI HALFA	1017.9	-1.1	N	1	16.9	22	-2	7	-1	52	+1	0	8	—	0	—	—	—
166	KAREIMA	1014.4	-2.3	N	1	16	—	—	10	-2	—	—	0	8	—	0	0	dr	1
167	'ATBARA																		
168	KHARTŪM	1011.9	-2.2	—	0	18.5	32	0	—	—	35	+1	4	8	Cu	1	—	4	5
170	KASSALA	1011.4	-1.2	N	4	20.0	33	-1	15	-1	72	+10	2	8	As	2	0	0	11
171	WAD MEDANI	1011.8	-1.6	ESE	1	19.2	33	-1	16	+1	40	+4	0	—	—	—	0	56	13
173	DUEIM	—	—	N	3	18.2	30	-3	15	+1	29	-3	1	—	—	—	0	21	12
182	RENK																		
172	ROSEIRES	1011.0	-0.8	WNW	3	21.4	33	-3	15	-1	37	-5	0	—	—	—	0	3	37
174	EL OBEID	1012.7	-3.0	N	2	16.8	29	-1	11	0	29	-5	2	8	As	1	0	23	19
175	EL FĀSHER	1013.9	-0.3	NW	2	15.5	33	+3	9	-1	27	-6	0	—	—	—	0	0	8
176	MALAKĀL	1012.0	+0.5	N	1	22.1	33	-3	20	+2	34	+9	4	8	Cu	2	0	81	93
177	WĀU	1011.5	+0.5	NW	2	21.0	34	-2	19	+2	53	+7	4	—	—	—	0	180	147
178	JŪBA	1012.7	+2.2	NNW	2	22.6	37	1	22	+2	77	+23	1	7	—	—	dr	131	142
179	Gonēina	—	—	ENE	3	10.7	—	—	—	—	75	—	0	8	Cc	0	—	—	—
180	Gallabat	—	—	ESE	2	25.5	34	—	19	—	58	—	1	—	—	0	—	—	—

Upper Wind Observations on 20th — ارصاد الرياح العليا يوم ٢٠

Height metres above M.S.L.	Jalum 07 h00 m. Dir. E.of N.	Kms. per hour	Matruh 07 h00 m. Dir. E.of N.	Kms. per hour	Dekheila 08 h30 m. Dir. E.of N.	Kms. per hour	Almaza 07 h30 m. Dir. E.of N.	Kms. per hour	Cairo 08 h45 m. Dir. E.of N.	Kms. per hour	Helwan 08 h30 m. Dir. E.of N.	Kms. per hour	Asyut 07 h00 m. Dir. E.of N.	Kms. per hour	Aswan 07 h00 m. Dir. E.of N.	Kms. per hour	Wadi Halfa 07 h00 m. Dir. E.of N.	Kms. per hour	Kareima 07 h00 m. Dir. E.of N.	Kms. per hour	Khartum 05 h00 m. Dir. E.of N.	Kms. per hour	El Obeid 07 h00 m. Dir. E.of N.	Kms. per hour	Malakal 06 h00 m. Dir. E.of N.	Kms. per hour	Gonēina 07 h00 m. Dir. E.of N.	Kms. per hour	Jūba 08 h45 m. Dir. E.of N.	Kms. per hour
200	270	9	220	5	90	7	40	16	40	16	40	6	—	—	—	—	40	24	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	220	4	40	8	40	24	40	22	40	24	350	14	50	37	30	42	50	47	10	40	—	—	30	56	—	—	60	18
1000	50	3	20	10	0	18	10	27	20	23	40	13	40	13	40	47	50	37	70	40	10	43	30	55	30	51	70	39	50	8
1500	30	11			320	7	350	13	310	7	320	11	50	22	40	38	280	5	10	18	30	24	10	23	50	37	80	11	60	32
2000	50	2			310	23	320	19			310	23							340	14	50	26	0	18					100	10
3000	300	16			300	33	290	38			300	54							280	14	350	24	330	37						
4000	310	23			310	36																	270	27						
5000	10	32																												
6000																														

Forecast for 24 hours from noon on 20th

On the coast light variable winds.
Inland light to moderate northeast winds.
Occasional high cloud.
Remaining mild.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٢٠
رياح خفيفة مختلفة الاتجاه على الساحل - ورياح مابين الخفيفة والمعتدلة شمالية شرقية فى الداخل - يظهر بعض السحاب المرتفع احيانا ويستمر الطقس معتدلا ؟

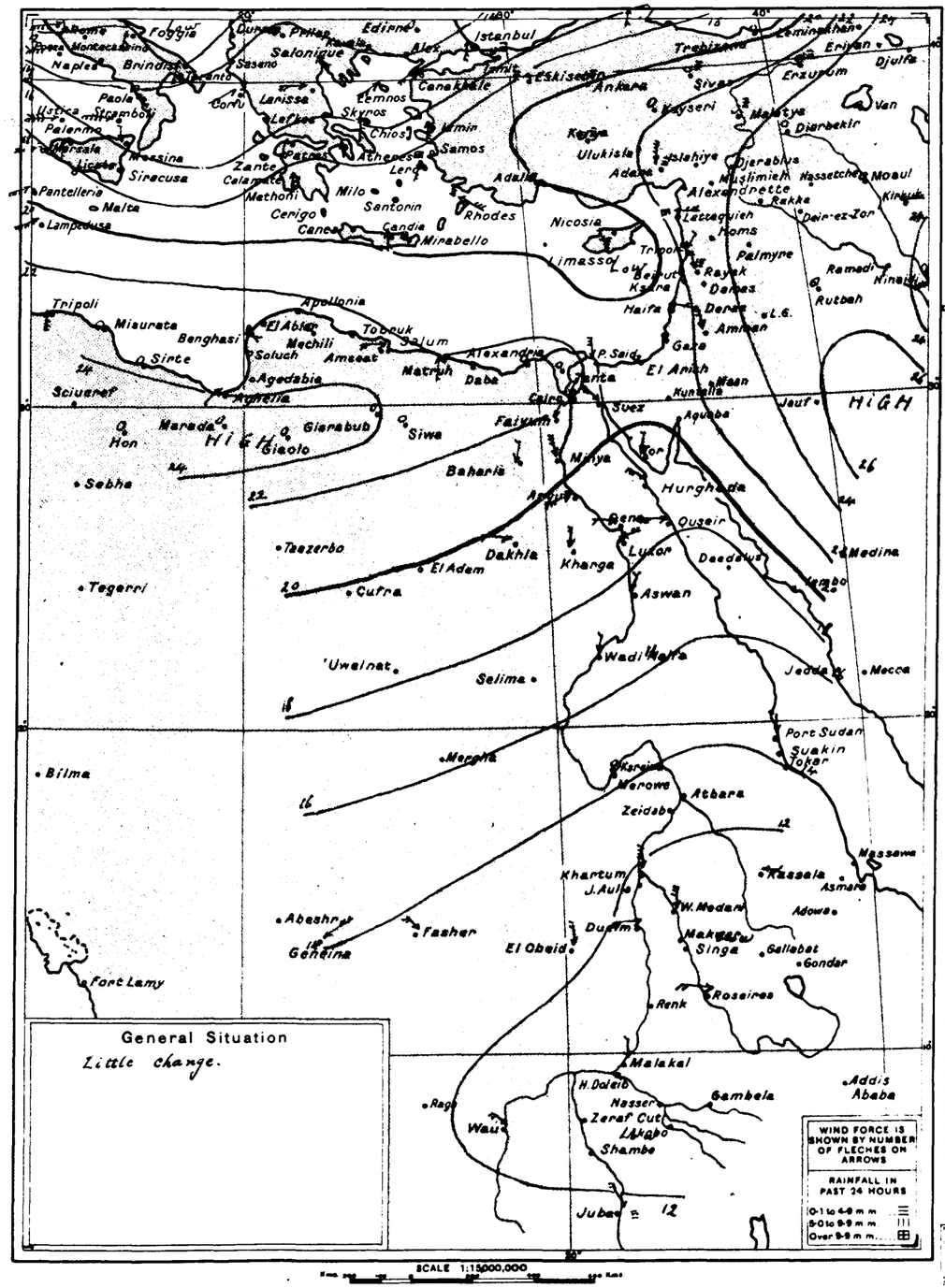
STATION	Mean of day: Humidity % on 19th	Humidity Diff. from normal	Wet Bulb Temp. °C on 19th	Wet Bulb Temp. Diff. from normal
Alexandria	76	+10	11.4	+0.7
Ezbekiya	60	+12	11.3	+1.1
Gīza	74	+7	10.7	+0.6
Helwān	63	+6	10.1	+1.2

Gīza Grass minimum 20th °C

Discharges at Aswān measured by sluices m.³ per sec.

DATE	1937	1936
20-1	1101	1406
19-1	1101	1438

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	19-1	13.19	-0.20	13.20	-0.19
Nāsser	19-1	5.52	-0.68	5.59	-0.65
Malakāl	20-1	10.51	-0.61	10.52	-0.62
Roseires	20-1	12.46	+0.43	12.49	+0.42
Sennār Res.	19-1	20.69	—	20.70	—
Khartūm	19-1	10.70	-0.22	10.71	-0.24
Kh. el Girba					
'Atbara	20-1	10.36	-0.23	10.38	-0.24
Kajnarti	20-1	133.35	-0.39	133.41	-0.36
Wādi Halfa					
Aswān Res.	20-1	120.77	—	120.77	—
,, D.S.	20-1	86.07	-0.12	86.07	-0.12
El Laisi	20-1	18.25	+0.09	18.25	+0.08
Rōda (Cairo)	20-1	14.52	-0.21	14.52	-0.21



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h. on 19-1-1937 — الساعة ٨ يوم ١٩-١-٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum To day °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total 1 Jan. to yesterday m.m.	Rainfall Normal 1 Jan. to yesterday m.m.	مصر
Limasol	1020	+2	—	0	11	—	—	—	—	—	—	5	—	—	—	Raining	—	261	قبرص
Haifa	1020.7	+4.5	WNW	1	13.0	18	0	7	+1	77	+9	4	—	—	—	19	456	440	حيفا
Gaza	1021.5	+4.8	—	0	9.9	17	-1	6	0	91	+15	3	6	—	1	0	263	228	غزه
Ships	33330	—	28512	—	21302	—	18863	—	92001	—	4	5305							السفن

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise 06 h. 50 m.
sunset 17 h. 22 m.

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٨٤٧ - ٢١-١ Pressure and Wind at 8 h. 21-1-1937

1417 F.C.

At 14h. on 20th الساعة ١٤ يوم ٢٠ — At 8h. on Thursday 21st الساعة ٨ يوم الخميس ٢١

No.	Region	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1021.4	—	0	18.8	33	0	6	1024.7	+6.0	WNW	3	7.6	19	—	6	—	68	—	0	5	—	0	0	81	—
131		MATRÛH	1020.8	NNW	1	16.7	50	0	6	1023.4	+4.9	SSW	2	9.3	19	+1	8	0	75	-4	0	6	—	0	0	126	98
		DIKHEILA	1022.2	NNE	1	16.6	72	2	—	1024.6	—	—	0	13.5	19	—	8	—	83	—	8	6	—	4	0	—	—
132		ALEXANDRIA	1021.0	—	0	19.3	61	0	9	1023.6	+4.7	—	0	12.3	20	+1	10	0	83	+9	0	8	—	0	0	149	133
		DAMIETTA								1023.0	—	S	1	9.1	22	—	8	—	99	—	0	—	—	—	0	43	66
134		PORT SAÏD	1021.2	NNW	3	18.8	60	0	8	1023.2	+6.0	NNW	2	15.5	20	+2	9	-2	89	+12	0	6	—	0	0	20	45
135		EL 'ARÎSH	1020.7	NNW	2	17.2	66	0	6	1022.8	—	SSE	1	8.4	19	—	7	—	94	—	0	5	—	5	dr	—	—
136	Lower Egypt	DAMANHÛR								1023.9	+5.5	ESE	1	6.6	20	0	5	-2	96	+11	8	3	—	4	0	43	61
137		MANSÛRA								1023.2	—	NNW	1	7.6	20	0	7	0	90	+8	0	7	—	1	0	20	25
138		TANTA								1023.5	+4.3	—	0	6.0	21	+1	2	-5	94	+9	0	7	—	0	0	23	20
139		ZAGÂZÎG								1024.0	—	NW	1	6.4	19	-1	4	-2	91	+8	8	2	—	—	0	8	12
141	Middle Egypt	CAIRO ALMÂZA	1020.3	NE	3	18.7	45	0	9	1022.8	—	—	0	6.3	19	—	4	—	94	—	8	0	—	4	0	·	—
		CAIRO EZBEKÎYA	1019.5	NE	2	20.1	49	0	9	1023.1	+3.9	N	1	7.0	22	+3	6	-1	100	+22	8	1	—	4	0	8	16
		CAIRO GÎZA	1019.4	N	1	20.1	50	0	8	1023.8	+4.0	N	1	6.6	20	+1	4	-2	98	+14	8	2	—	4	0	10	14
143		HELWÂN	1019.0	NE	4	19.8	34	0	4	1023.4	+4.0	—	0	7.4	20	+1	6	-2	93	+25	0	2	—	4	0	12	15
144		SUEZ								1022.2	+3.8	N	2	11.0	20	+1	9	-1	87	+12	0	—	—	—	0	8	16
153	Upper Egypt	FAIYÛM								1022.8	+3.5	—	0	8.4	22	+2	5	-1	84	+10	0	5	—	1	0	4	7
154		MINYA								1022.6	+2.8	NNW	1	9.5	23	+3	5	-1	80	+1	0	7	—	—	0	6	—
155		ASYÛT	1017.1	WSW	3	24.0	53	2	7	1022.2	+1.9	WSW	3	9.2	27	+7	5	-1	84	+13	0	6	—	1	0	0	4
156		QENA								1020.3	+1.3	W	1	11.5	25	+1	6	-1	53	-14	0	6	—	2	0	dr	—
157		LUXOR								1020.2	—	—	0	10.0	24	—	6	—	84	—	0	6	—	2	0	dr	—
158		ASWÂN	1013.4	NE	4	28.0	17	2	6	1019.1	+0.1	—	0	12.2	29	+5	9	0	52	-1	0	6	—	1	0	1	
148	Western Desert	SÎWA	1020.6	—	0	19.9	48	0	6	1023.4	+3.7	—	0	9.6	22	+3	1	-3	87	+17	0	6	—	0	0	25	4
149		BAHARÎYA	1018.6	NNE	1	21.6	33	0	4	1023.4	—	—	0	11.0	22	—	4	—	73	—	0	9	—	0	0	17	—
151		KHÂRGA	1016.0	N	3	24.4	47	0	4	1021.2	+1.7	N	1	12.3	24	+1	10	+4	75	+13	0	9	—	0	0	0	0
152		DÂKHLA	1016.8	NNE	2	24.5	13	1	8	1021.8	+1.6	—	0	12.1	25	+3	8	+3	53	0	0	9	—	0	0	dr	—
145	Red Sea	TÔR								1021.2	+3.2	NE	3	10.8	21	0	7	-2	54	-5	0	6	—	2	0	3	10
146		HURGHÂDA								1020.7	+2.5	NW	3	13.9	22	0	8	-2	49	-8	0	7	—	1	0	dr	0
147		QUSEIR								1020.0	+2.2	NW	2	20.3	24	+1	16	+2	46	-3	0	7	—	0	0	1	7
169		PORT SUDAN								1015.6	0.0	N	1	23.2	26	-1	21	+2	67	+2	4	—	—	—	2	42	97
165	North Sudan	WÂDI HALFA								1018.8	-0.2	NNW	2	12.4	24	0	9	+1	65	+14	0	8	—	0	—	—	—
166		KAREIMA								1014.3	-2.4	N	1	17.3	31	+1	13	+1	40	+5	1	8	Ci	0	0	dr	1
167		'ATBARA								1014.3	-0.5	N	2	21.2	33	+3	16	+2	40	+8	0	—	—	—	0	5	1
168		KHARTÛM								1012.5	-1.6	N	3	21.0	34	+2	17	+2	49	+16	4	8	Cs, Ac	2	0	4	5
170		KASSALA								1012.2	-0.4	E	1	21.3	33	-1	19	+3	82	+20	2	7	Ci, Ac	1	0	0	11
171	Central Sudan	WAD MEDANI								1011.6	-1.8	N	3	21.0	34	0	19	+4	44	+9	1	—	—	—	0	56	13
173		DUEIM								—	—	NW	3	21.8	30	-3	18	+4	45	+13	1	—	—	—	0	21	12
182		RENK									—					—		—		—							
172		ROSEIRES								1011.9	+0.1	WNW	2	22.1	38	+2	18	+2	48	+6	0	—	—	—	0	3	37
174		EL OBEID								1012.9	-3.0	NNW	1	18.2	32	+2	15	+4	39	+5	3	8	Ci, Ac	1	0	23	19
175		EL FÂSHER								1015.0	+0.9	NE	1	14.0	34	+4	10	0	28	-5	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1011.9	+0.4	NE	1	23.3	31	-5	20	+2	55	+30	3	7	Ac, Cc	2	0	81	93
177		WÂU								1011.1	+0.2	E	1	22.0	31	-5	20	+2	50	+4	3	—	—	—	0	180	147
178		JÛBA								1011.8	+1.3	SW	2	25.0	36	-2	21	+1	63	+9	0	9	—	—	0	131	142
179		Geneina								—	—	E	2	12.6	35	—	11	—	77	—	2	8	Cs	0	—	—	—
180		Gallabat								—	—	ENE	1	24.5	36	—	17	—	53	—	1	—	—	—	0	—	—

Upper Wind Observations on 21 ارصاد الرياح العليا يوم ٢١

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E. of N.	Kms. per hour	Matrah 07 h. 00 m. Dir.	Kms.	Dekheila 07 h. 00 m. Dir.	Kms.	Helwan 07 h. 30 m. Dir.	Kms.	Asyut 07 h. 00 m. Dir.	Kms.	Aswan 07 h. 00 m. Dir.	Kms.	W. Halfa 06 h. 00 m. Dir.	Kms.	Kareima 07 h. 00 m. Dir.	Kms.	Khartum 06 h. 00 m. Dir.	Kms.	Geneina 07 h. 00 m. Dir.	Kms.	Obeid 06 h. 00 m. Dir.	Kms.	Malakal 06 h. 00 m. Dir.	Kms.	Ismailia (RAF) 07 h. 00 m. Dir.	Kms.	Abukir (RAF) 07 h. 00 m. Dir.	Kms.	Salum 20th 19 h. 00 m. Dir.	Kms.
200	290	13	270	10	220	8	350	11	—	—	—	—	40	29	—	—	—	—	—	—	—	—	—	—	50	18	230	8	200	4
500	—	—	300	12	300	12	50	21	20	15	30	44	60	37	80	45	20	53	—	—	—	—	30	35	40	13	300	8	—	—
1000	280	24	300	19	330	15			20	50	50	37	60	47	70	31	30	37	110	27	30	53	30	39	40	11	330	13	190	4
1500	290	36	280	23	290	11			21	40	40	36	100	37	40	11	70	16	170	23	30	18	10	27	330	6	300	16	310	6
2000	260	25	230	28	270	19									310	16	330	11	240	18	0	13	30	27	320	24	280	27	330	17
3000	300	19			310	32									300	21	240	19			60	13	60	21	260	11			290	13
4000					260	22															240	19			280	11				
5000					280	27															230	24								
6000					300	54																								

Forecast for 24 hours from noon on 21st

On the coast light variable winds becoming moderate westerly.
Inland light variable winds chiefly north to northeast.
Occasional high cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢١
رياح خفيفة متقلبة الاتجاه تتحول الى غربية معتدلة على السواحل
رياح خفيفة متقلبة الاتجاه اكثرها بين شمالية وشمالية شرقية في الداخل
أظهر بعض السحاب العالي أحيانا
وقليل تغير درجة الحرارة

Station	Mean of day Humidity % on 20th	Diff. from normal	Wet bulb temp. °C on 20th	Diff. from normal
Alexandria	76	+12	12.3	+1.6
Ezbekiya	79	+11	11.2	+1.0
Gîza	75	+3	11.1	+1.0
Helwân	68	+11	10.5	+1.6

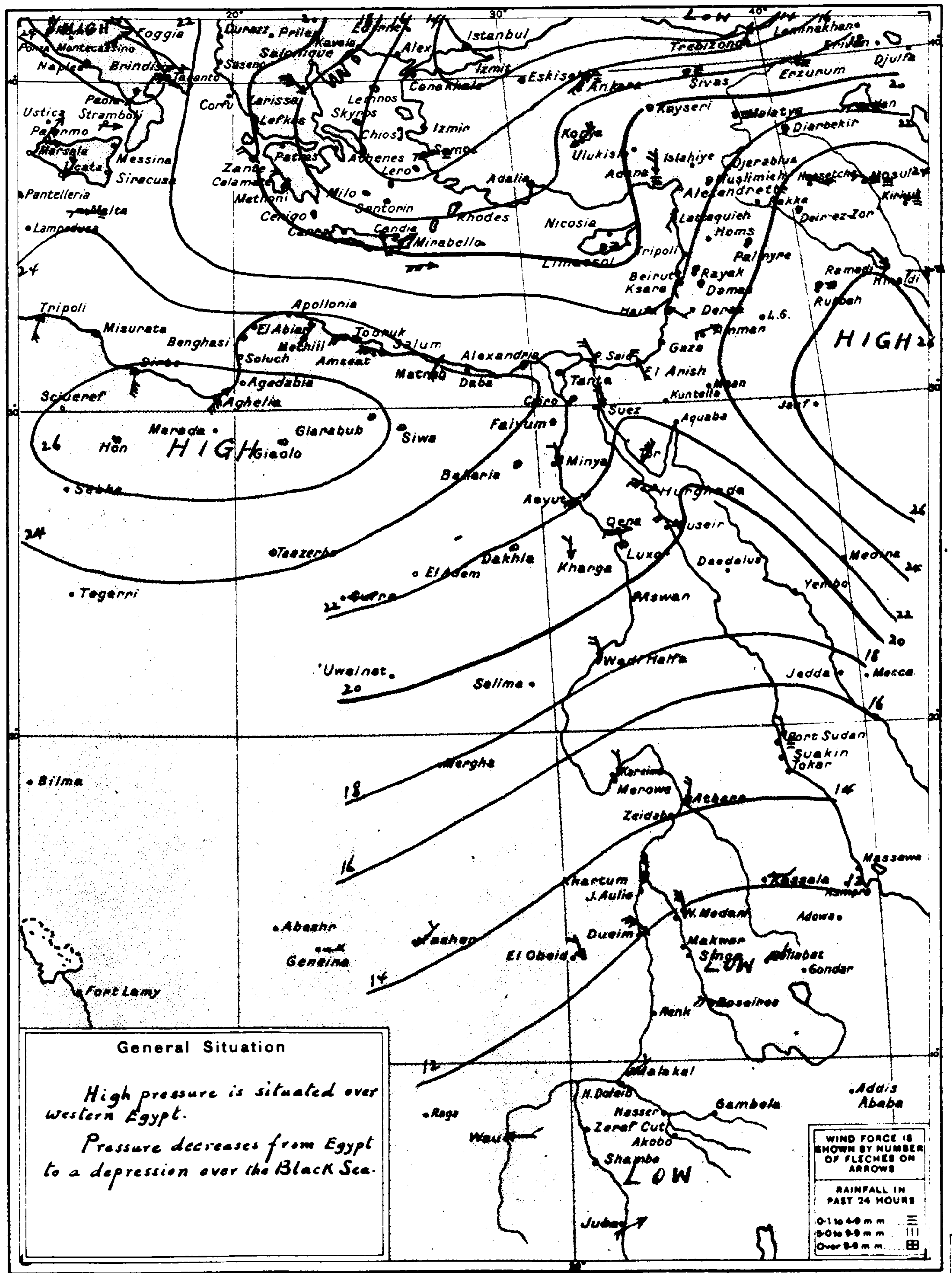
Gîza Grass minimum on 21st 0.3 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
21-1	1101	1375
20-1	1101	1406

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20-1	13.20	-0.18	13.19	-0.20
Nâşer	19-1	5.52	-0.68	5.59	-0.68
Malakâl	21-1	10.48	-0.62	10.51	-0.61
Roseires	21-1	12.43	+0.41	12.46	+0.42
Sennâr Res.	20-1	20.70	—	20.69	—
Khartûm	20-1	10.68	-0.22	10.70	-0.22
Kh. el Girba					
'Atbara	21-1	10.35	-0.23	10.36	-0.23
Kajnarti	20-1	133.35	-0.39	133.41	-0.36
Wâdi Halfa					
Aswân Res.	21-1	120.76	—	120.77	—
,, D.S.	21-1	86.07	-0.14	86.07	-0.12
El Leisi	20-1	14.25	+0.09	14.25	+0.08
Rôda (Cairo)	21-1	14.52	-0.21	14.52	-0.21

Printed by the Survey of Egypt, 1936. (36/530)



General Situation

High pressure is situated over western Egypt.
Pressure decreases from Egypt to a depression over the Black Sea.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

At 8 h. on — الساعة ٨ يوم

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limassol	1019	+1	NNW	1	11	—	—	—	—	—	—	3	—	—	—	Raining	—	265	ليماسول
Haifa	1021.2	+5.1	ESE	1	13.0	16	-2	11	+2	66	-2	4	—	—	—	0	456	436	حيفا
Gaza	1021.2	+4.5	—	0	10.0	18	0	8	0	88	+12	0	9	—	0	0	263	231	غزة
SHIPS	43210 —	38246 —	30201 —	15777															سفن
	43175 —	40166 —	12401 —	14782															

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ....P.T. 100
Abroad ..........P.T. 150

CAIRO

Time of sunrise h. m. 06 50
sunset h. m. 17 23

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	Region	Station	14h (21st) Bar. Pressure reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h (Friday 22nd) Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1023.1	NE	1	17.5	66	0	6	1025.1	+6.5	NW	3	12.4	18	—	7	—	50	—	0	5	—	0	0	81	—
131	Mediterranean	MATRÛH	1021.8	WNW	2	17.4	56	0	6	1022.4	+3.9	NNE	2	15.9	18	0	11	+3	76	-3	4	6	Sc	2	0	126	100
	Mediterranean	DIKHEILA	1023.1	W	2	20.6	47	2	8	1022.4	—	N	5	16.1	17	—	13	—	78	—	4	8	Cu	1	dr	—	—
132	Mediterranean	ALEXANDRIA	1022.2	W	2	17.9	73	1	9	1021.5	+2.6	N	5	16.1	19	0	12	+2	68	-5	2	8	Cu	5	dr	147	135
	Mediterranean	DAMIETTA								1020.2	—	S	1	13.0	22	—	9	—	93	—	2	—	—	—	0	43	67
134	Mediterranean	PORT SAÏD	1021.5	NNW	3	19.5	64	0	8	1020.4	+3.2	SW	3	14.5	21	+2	12	+1	88	+11	0	6	Cc	5	4	20	46
135	Mediterranean	EL 'ARÎSH	1020.8	N	2	17.0	60	0	6	1019.8	—	WSW	2	12.6	20	—	8	—	82	—	2	5	Cb	0	0	—	—
136	Lower Egypt	DAMANHÛR								1021.4	+3.1	WNW	1	11.9	21	+1	6	-1	93	+8	3	7	—	0	0	43	62
	Lower Egypt	MANSÛRA								1020.3	—	NW	1	12.1	21	+1	7	0	91	+9	2	4	-	1	0	20	26
	Lower Egypt	TANTA								1022.3	+3.2	—	0	10.0	21	+1	6	-1	87	+3	4	5	—	0	0	23	20
	Lower Egypt	ZAGÂZÎG								1021.8	—	SW	1	11.3	20	0	5	-1	96	+13	4	4	-	-	dr	8	12
	Middle Egypt (Cairo)	ALMÂZA	1021.4	N	1	18.3	50	0	9	1021.6	—	S	1	12.4	19	—	4	—	86	—	4	6	Nb	1	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1021.1	N	2	18.8	61	0	9	1021.5	+2.3	—	0	10.1	21	+2	6	-1	91	+13	4	—	NS	4	0	8	16
	Middle Egypt (Cairo)	GÎZA	1021.1	NNW	1	19.2	59	0	5	1021.6	+1.8	—	0	9.2	20	+1	3	-3	98	+14	4	5	NS	4	0	10	14
143	Middle Egypt	HELWÂN	1020.4	NNW	3	14.3	33	0	8	1022.0	+2.6	—	0	10.0	19	0	8	0	68	+20	4	4	Sc	4	0	12	16
144	Middle Egypt	SUEZ								1021.1	+2.7	N	1	11.8	21	+2	9	-1	78	+3	1	—	—	—	0	8	16
153	Upper Egypt	FAIYÛM								1022.2	+2.9	N	1	8.8	21	+1	5	-1	87	+14	4	3	—	0	0	4	7
154	Upper Egypt	MINYA	1018.8	NW	3	24.5	43	0	1	1022.6	+2.9	NNW	2	7.7	20	0	4	-2	78	-1	0	6	—	—	0	6	
155	Upper Egypt	ASYÛT								1021.9	+1.7	WSW	3	8.2	25	+5	4	-2	89	+18	0	6	—	0	0	0	4
156	Upper Egypt	QENA								1019.2	+0.2	WNW	2	9.0	26	+4	6	-1	70	+3	3	6	—	0	0	dr	—
157	Upper Egypt	LUXOR								1019.2	—	ENE	1	7.1	28	—	6	—	77	—	4	5	Cu	2	0	dr	—
158	Upper Egypt	ASWÂN	1013.3	N	3	21.2	22	0	6	1018.4	-0.6	N	1	14.0	28	+4	12	+3	40	-13	3	6	Cc	1	0	1	—
148	Western Desert	SÎWA	1021.6	—	0	19.8	54	0	6	1023.2	+3.6	—	0	4.8	22	+3	3	-1	66	-4	0	6	—	0	0	25	4
149	Western Desert	BAHARÎYA	1020.8	NNW	2	20.6	34	0	4	1023.2	—	SSW	1	9.3	21	—	3	—	66	—	0	9	—	0	0	17	—
151	Western Desert	KHÂRGA	1017.1	N	3	25.6	52	0	4	1021.9	+2.5	N	3	12.8	21	-2	9	+3	74	+12	0	9	-	0	0	0	0
152	Western Desert	DÂKHLA	1018.3	NNE	2	26.5	12	0	8	1022.0	+1.8	NNW	1	11.2	23	+1	10	+5	40	-13	3	7	—	1	0	dr	—
145	Red Sea	TÔR								1016.4	+0.4	N	1	13.7	21	0	8	-1	39	-20	0	6	—	0	0	3	10
146	Red Sea	HURGHÂDA								1019.5	+1.4	WNW	4	15.0	22	0	9	-1	47	-8	0	7	—	0	0	dr	0
147	Red Sea	QUSEIR								1017.4	-0.4	NNW	2	16.7	23	0	14	0	45	-4	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN								1015.1	-0.5	N	1	23.3	26	-1	22	+3	66	+1	4	—	—	—	0	42	97
165	North Sudan	WÂDI HALFA								1017.7	-1.3	NNE	1	15.8	25	+1	12	+4	41	-10	4	8	NS	2	—	—	—
166	North Sudan	KAREIMA								1014.9	-1.8	NE	2	19.4	31	+1	16	+4	33	-2	1	8	Cs	0	0	dr	1
167	North Sudan	'ATBARA								1014.2	-0.6	N	2	22.0	32	+2	19	+5	—	—	0	—	—	—	0	5	1
168	North Sudan	KHARTÛM								1012.3	-1.8	NNW	3	21.8	32	0	18	+3	16	-17	4	8	Ci; Ac	1	0	4	5
170	North Sudan	KASSALA								1010.6	-1.7	ENE	1	22.6	33	-1	19	+3	74	+12	4	8	Ns	1	0	0	11
171	Central Sudan	WAD MEDANI								1010.8	-2.6	NW	3	23.0	35	+1	20	+5	50	+15	1	—	—	—	0	56	13
173	Central Sudan	DUEIM								—	—	NW	4	23.4	34	+1	18	+4	36	+4	1	—	-	-	0	21	12
182	Central Sudan	RENK									—					—		—		—							
172	Central Sudan	ROSEIRES								1010.4	-1.4	WNW	2	23.3	37	+1	17	+1	40	-1	0	—	—	—	0	3	37
174	Central Sudan	EL OBEID								1013.1	-2.7	NNW	1	18.8	33	+3	15	+4	47	+16	0	8	Ci	1	0	23	14
175	Central Sudan	EL FÂSHER								1016.2	+2.1	NW	1	14.0	35	+5	11	+1	37	+4	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1009.9	-1.5	NE	3	25.3	37	+1	20	+2	32	+8	2	8	Ci; Ac	2	0	81	93
177	S. Sudan	WÂU								1007.3	-1.6	NW	2	23.5	37	+1	19	+1	49	+4	0	—	—	—	0	180	147
178	S. Sudan	JÛBA								1009.1	-1.4	NW	2	26.0	40	+2	22	+2	55	+2	0	9	—	—	0	131	142
179		Geneina								—	—	ENE	4	15.7	36	—	13	—	69	—	0	8	—	0	—	—	—
180		Gallabat								—	—	E	1	23.5	35	—	18	—	59	—	0	—	—	—	0	—	—

Upper Wind Observations on 22nd
ارصاد الرياح العليا يوم ٢٢

Height metres above M.S.L.	Dikheila 07h 15m Dir E. of N	Kms per hour	Almaza 07h 30m Dir	Kms	W. Halfa 07h 00m Dir	Kms	Khartoum 06h 00m Dir	Kms	Geneina 07h 00m Dir	Kms	C'Leis 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Juba 10h 30m Dir	Kms	Abukir 07h 00m (R.A.F.) Dir	Kms	Heliopolis 07h 00m (R.A.F.) Dir	Kms	Salum 13h 00m Dir	Kms
200	350	29	230	10	30	24	—	—	—	—	—	—	—	—	—	—	350	43	310	18	310	6
500	0	30	310	22	50	40	20	40	—	—	—	—	20	72	60	16	250	39	330	27	—	—
1000	350	30	310	24	60	42			50	72	30	58	20	61	50	17	340	40	330	21	300	16
1500	330	24	Ext. NS		260	27			110	10	50	32	30	35	90	18	330	27	330	37	280	29
2000									280	23	70	14	60	14	180	18	320	37			290	35
3000											350	11	150	26			300	37				
4000													110	26								
5000																						
6000																						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

Station	Mean of day Humidity % on 21st	Diff. from normal	Wet bulb temp. °C on 21st	Diff. from normal
Alexandria	74	+8	12.9	+2.2
Ezbekiya	85	+18	11.0	+0.8
Giza	87	+17	10.6	+0.5
Helwân	74	+18	10.0	+1.1

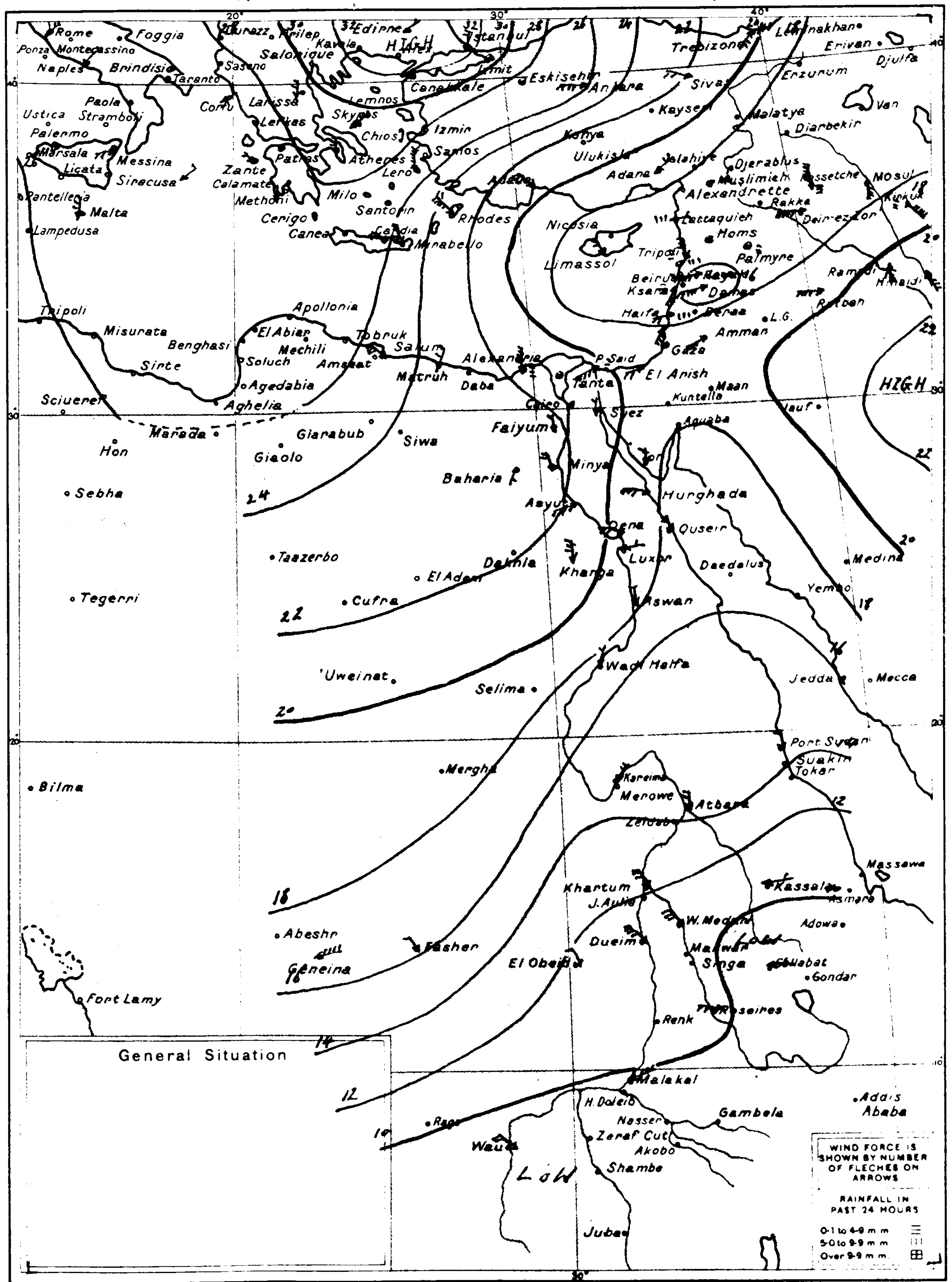
Giza Grass minimum on 22nd 0.6 °C

Discharges at Aswân measured by sluices m³ per sec

Date	1937	1936
22-1	1101	1351
21-1	1101	1375

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	22-1	13.19	+0.19	13.20	-0.18
Nâsser	21-1	5.48	+0.62	5.50	+0.64
Malakâl	22-1	10.46	-0.60	10.48	-0.62
Roseires	22-1	12.42	+0.41	12.43	+0.41
Sennâr Res	22-1	20.70	—	20.70	—
Khartûm	22-1	10.63	-0.22	10.66	-0.22
Kh. el Girba					
'Atbara	22-1	10.34	-0.22	10.35	-0.23
Kajnarti	22-1	133.28	-0.42	133.30	-0.42
Wâdi Halfa					
Aswân Res	22-1	120.76	—	120.76	—
Aswân D.S	22-1	86.67	+0.15	86.67	-0.14
El Leisi	22-1	18.30	+0.17	18.28	+0.14
Rôda (Cairo)	22-1	14.52	-0.21	14.52	-0.21

Pressure and Wind at 8h. 22-1-1937 ضغط الهواء والرياح الساعة ٨ يوم ٢٢-١-١٩٣٧



SCALE 1:15000,000

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h on 21-1-37 الساعة ٨ يوم ٢١-١-٣٧

Station	Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1019	+2	—	0	11	—	—	—	—	—	—	2	—	—	—	Rain	—	268	ليماسول
Haifa	1022.7	+6.6	ESE	1	12.5	19	+1	10	+2	75	+8	0	—	—	—	0	456	443	حيفا
Gaza	1022.8	+6.1	—	0	8.9	19	+1	6	-2	96	+2	0	7	—	0	0	263	234	غزه

ANNUAL SUBSCRIPTION
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CAIRO
Time of sunrise h. m. 06 50
sunset h. m. 17 24

Month *January*, 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT ٢٣-١-٣٧

At 14h. on 22nd — الساعة ١٤ يوم ٢٢ ; At 8h. on Saturday 23rd — الساعة ٨ يوم السبت ٢٣

No.	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1023.8	ENE	2	15.4	70	4	5	1021.5	+2.9	WNW	2	10.0	17	—	9	—	84	—	4	4	Cb	5	dr	81	—
131	MATRÛH	1022.2	NNE	4	15.9	64	3	6	1019.9	+1.4	NNW	3	13.9	16	-2	13	+5	59	-20	3	6	Sc	1	0	126	101
	DIKHEILA	1022.3	NW	5	16.1	68	2	8	1020.0	—	NNW	3	14.5	17	—	14	—	68	—	4	8	Ci	2	0	—	—
132	ALEXANDRIA	1020.4	N	5	17.2	55	1	9	1019.0	+0.2	N	2	13.7	19	0	13	+3	69	-4	3	7	Cb	2	0	149	137
	DAMIETTA								1017.9	—	NW	1	12.3	20	—	9	—	69	—	1	—	—	—	0	43	68
134	PORT SAÏD	1019.0	NW	5	20.0	47	1	7	1018.0	+0.8	NW	4	15.8	20	+1	12	+1	50	-27	1	7	Cc	1	0	20	46
135	EL 'ARÎSH	1017.8	WNW	3	17.2	73	1	5	1017.4	—	WSW	2	10.3	18	—	8	—	81	—	0	6	—	5	dr	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1019.1	+0.9	SW	1	11.7	19	-1	8	+1	83	-2	3	4	—	1	0	43	63
137	MANSÛRA								1017.9	—	N	1	10.6	19	-1	8	+1	75	-7	1	6	—	1	0	20	26
138	TANTA								1018.7	-0.3	—	0	7.5	19	-1	4	-3	93	+9	3	6	—	2	0	23	20
139	ZAGÁZÍG								1019.8	—	SW	1	8.4	19	-1	5	-1	86	+3	2	6	—	—	0	8	12
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1020.0	NW	4	19.2	42	2	7	1019.2	—	WSW	1	9.6	19	—	5	—	79	—	3	6	Ci	8	tr	—	—
[illegible]	CAIRO EZBEKÎYA	1019.0	NNW	1	19.8	43	2	8	1018.8	-0.4	—	0	8.6	21	+2	7	0	84	+6	2	5	Cc	5	dr	8	17
[illegible]	CAIRO GÎZA	1019.0	NNW	3	20.1	43	3	6	1019.1	-0.7	W	1	7.2	20	+1	4	-2	98	+15	2	5	Cs	5	dr	10	15
143	HELWÂN	1019.4	WNW	4	17.7	41	2	8	1019.6	+0.3	—	0	7.9	18	-1	5	-3	75	+7	3	5	Ci	5	dr	12	16
144	SUEZ								1018.8	+0.4	N	1	9.0	20	+1	8	-2	87	+12	3	—	—	—	0	8	16
	UPPER EGYPT																									
153	FAIYÛM								1019.4	+0.1	—	0	6.2	20	0	4	-2	87	+15	4	5	—	1	0	4	7
154	MINYA								1019.6	0.0	N	2	8.5	20	0	5	-1	79	0	2	6	—	—	0	6	—
155	ASYÛT	1018.8	NW	3	19.0	61	0	7	1019.2	-1.0	NW	3	7.8	20	0	5	-1	89	+19	3	5	Cb	0	0	0	4
156	QENA								1017.6	-1.3	W	1	11.0	21	-2	6	-1	69	+3	4	6	Sc	2	0	dr	—
157	LUXOR								1017.4	—	WSW	2	11.0	24	—	6	—	74	—	4	5	Cu	2	0	dr	—
158	ASWÂN	1015.8	N	3	22.3	14	3	6	1016.7	-2.2	—	0	11.2	24	0	8	-1	67	+14	1	6	Ci	1	0	1	—
	WESTERN DESERT																									
148	SÎWA	1021.1	NW	2	19.8	51	0	6	1021.8	+2.2	—	0	11.4	21	+2	6	+2	76	+6	2	6	Ci	1	0	25	4
149	BAHARÎYA	1019.9	NNW	3	19.5	51	2	9	1020.6	—	—	0	8.8	20	—	5	—	76	—	4	6	Cs	1	0	17	—
151	KHÂRGA	1019.0	N	4	23.2	60	0	9	1019.4	0.0	N	1	12.6	24	+1	9	+3	76	+14	0	9	—	0	0	0	0
152	DÂKHLA	1019.4	NNW	3	20.5	21	0	9	1020.6	+0.5	—	0	10.5	21	-1	7	+2	67	+14	1	8	—	0	0	dr	—
	RED SEA																									
145	TÔR								1016.0	-2.0	NW	3	13.3	20	-1	13	+4	52	-7	2	6	—	0	0	3	10
146	HURGHÂDA								1016.2	-1.8	NW	4	13.2	21	-1	10	0	65	+8	4	6	—	1	0	dr	0
147	QUSEIR								—	—	WNW	2	14.6	22	-1	13	-1	82	-33	0	7	—	2	0	1	7
169	PORT SUDAN								1014.3	-1.3	NE	1	22.3	26	-1	18	-1	52	-13	2	—	—	—	0	42	98
	NORTH SUDAN																									
165	WÂDI HALFA	1016.0	NNW	3	23	—	3	8	1017.5	-1.5	N	2	10.4	23	-1	8	0	87	+36	0	8	—	0	—	—	—
166	KAREIMA	1013.1	ENE	2	30	—	2	8	1014.5	-2.2	—	0	16.3	31	+1	13	+1	29	-6	0	8	—	0	0	dr	1
167	'ATBARA	1009.1	NW	3	31.3	—	4	—	1014.2	-0.6	NE	2	20.0	32	+2	15	+1	32	0	0	—	—	—	0	5	1
168	KHARTÛM	1007.2	NNE	3	34	—	2	8	1012.0	-2.0	NNE	3	19.5	35	+3	16	+1	37	+4	0	8	—	0	0	4	5
170	KASSALA								1011.1	-1.4	E	1	22.2	31	-3	17	+1	82	+20	0	7	—	5	dr	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.6	-1.8	N	3	20.8	32	-2	17	+2	60	+25	0	—	—	—	0	56	13
173	DUEIM								—	—	NW	3	19.6	33	0	17	+3	42	+10	0	—	—	—	0	21	12
182	RENK														—		—		—							
172	ROSEIRES								1009.9	-1.8	NNW	2	24.2	37	+1	20	+4	56	+15	0	—	—	—	0	3	37
174	EL OBEID								1012.3	-3.5	N	2	19.7	33	+3	15	+4	43	+10	3	8	Cs	2	0	23	19
175	EL FÂSHER	1007.0	NE	1	33.0	—	0	—	1014.7	+0.6	W	1	15.0	35	+4	11	+1	39	+7	0	—	—	—	0	0	8
	S. SUDAN																									
176	MALAKÂL	1004.4	N	2	37	—	2	7	1009.3	-2.1	NE	2	24.6	38	+2	21	+3	43	+19	2	8	Cs, Ac	1	0	81	93
177	WÂU								1007.9	-2.9	N	3	24.0	39	+3	20	+2	39	-6	0	—	—	—	0	180	147
178	JÛBA	1003.4	N	1	35.4	—	0	—	1008.4	-2.0	NW	2	26.0	38	0	22	+2	54	+1	0	9	—	—	0	131	142
179	Geneina	—	ENE	3	32	—	0	9	—	—	ENE	3	16.0	36	—	—	—	79	—	3	8	Cs	0	—	—	—
180	Gallabat								—	—	NE	1	25.0	35	—	20	—	70	—	0	—	—	—	0	—	—

Upper Wind Observations on 23rd — ارصاد الرياح العليا يوم ٢٣

Height metres above M.S.L.; for each station: Dir. E. of N. / Kms. per hour

Height	Salum 07 h. 00 m. Dir.	Kms.	Matruh 07 h. 00 m. Dir.	Kms.	Dikheila 08 h. 00 m. Dir.	Kms.	Almaza 07 h. 15 m. Dir.	Kms.	Cairo 08 h. 30 m. Dir.	Kms.	Helwan 08 h. 30 m. Dir.	Kms.	Asyut 07 h. 00 m. Dir.	Kms.	Aswan 07 h. 00 m. Dir.	Kms.	W. Halfa 06 h. 00 m. Dir.	Kms.	Kareima 06 h. 00 m. Dir.	Kms.	Khartum 06 h. 00 m. Dir.	Kms.	Geneina 07 h. 00 m. Dir.	Kms.	El Obeid 06 h. 00 m. Dir.	Kms.	Malakal 06 h. 00 m. Dir.	Kms.	Juba 07 h. 30 m. Dir.	Kms.
200	290	7	0	19	330	16	320	9	0	11	350	10	—	—	—	—	30	27	40	47	—	—	—	—	—	—	—	—	—	—
500	—	—	0	21	330	17	10	21	20	20	20	24	350	32	350	39	20	51	50	47	30	63	—	—	—	—	30	72	50	14
1000	10	19	Est.	Sc	330	8	350	19	0	35	0	25	330	36	340	14	10	37	340	14	30	43	50	56	40	53	30	71	50	39
1500	0	25			70	4	340	30			10	18	340	34	290	35	310	27	330	15	50	24	150	18	70	27	30	31	60	40
2000	End	Cb			290	25	330	11			290	17							290	27	300	29			50	27	10	21	70	32
3000					300	59	290	50			300	50							270	43	300	47					330	10		
4000							290	62																						
5000																														
6000																														

Forecast for 24 hours from noon on 23rd

On the coast, moderate northwest winds, strengthening tomorrow.
Inland, light variable winds becoming moderate westerly tomorrow.
Low cloud developing later. Rain near the coast, possibly light showers inland tomorrow. Mild.
Further outlook: becoming cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٣
رياح معتدلة شمالية غربية على السواحل تشتد غدا
ورياح خفيفة متقلبة الاتجاه تصير غربية معتدلة باكر
تكون السحب المنخفضة فيما بعد ومطر بالقرب من السواحل
ويحتمل انه تمطر امطار خفيفة في الداخل
والطقس معتدل ولكنه سيصير باردا فيما بعد ذلك

Mean of day

Station	Humidity % on 22nd	Humidity Diff. from normal	Wet Bulb Temp. °C on 22nd	Wet Bulb Diff. from normal
Alexandria	61	-5	13.0	+2.3
Ezbekiya	73	+6	10.9	+0.7
Giza	85	+15	10.4	+0.3
Helwân	68	+12	9.9	+0.9

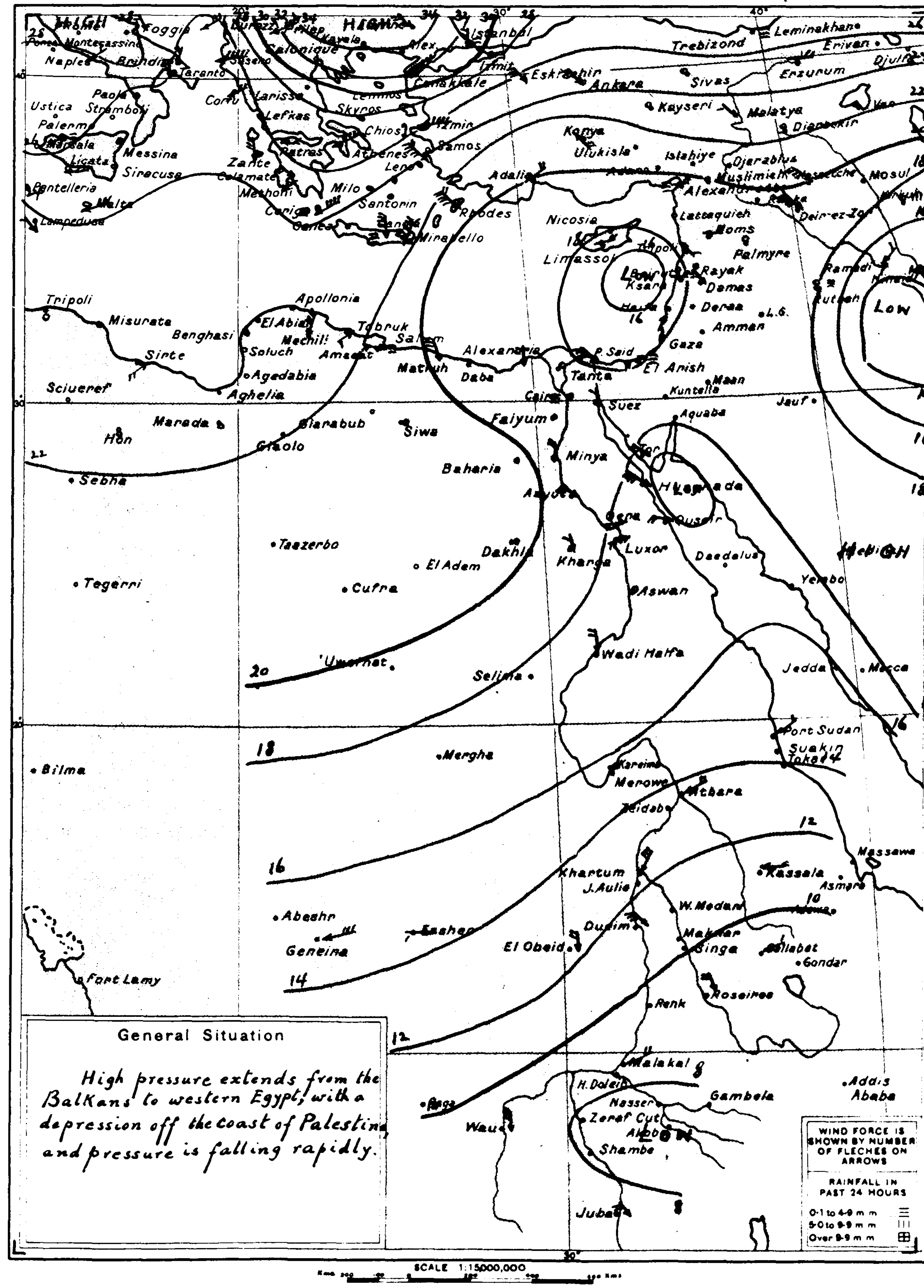
Gîza Grass minimum on 23rd 0.7 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
23.1	1102	1321
22.1	1101	1351

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from Normal m.
Jûba	23.1	13.19	-0.19	13.19	-0.19
Nâsser	22.1	5.46	-0.58	5.48	-0.62
Malakâl	23.1	10.44	-0.58	10.46	-0.60
Roseires	23.1	12.41	+0.41	12.42	+0.41
Sennâr Res.	22.1	20.70	—	20.70	—
Khartûm	22.1	10.63	-0.22	10.66	-0.22
Kh. el Girba					
'Atbara	23.1	10.34	-0.21	10.34	-0.22
Kajnarti	22.1	133.28	-0.42	133.30	-0.42
Wâdi Halfa					
Aswân Res.	23.1	120.77	—	120.76	—
Aswân D.S.	23.1	86.06	-0.18	86.07	-0.15
El Leisi	23.1	18.29	+0.16	18.29	+0.17
Rôda (Cairo)	23.1	14.52	-0.21	14.52	-0.21

Pressure and Wind at 8 h. 23-1-37



General Situation

High pressure extends from the Balkans to western Egypt, with a depression off the coast of Palestine and pressure is falling rapidly.

At 8 h on 22-1-37 — الساعة ٨ يوم ٢٢-١-٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	
Limasol	1017	0	NW	2	9	—	—	—	—	—	—	0	—	—	—	Rain	—	271	ليماسول
Haifa	1018.0	+2.0	WSW	2	17.0	20	+2	12	+4	67	0	2	—	—	—	5	461	450	حيفا
Gaza	1019.9	+3.3	—	0	9.4	21	+3	8	0	92	+16	4	4	—	2	0	263	237	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise 06 h. 49 m.
sunset 17 h. 25 m.

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	Region	Station	14h on 23rd: Bar. (m.b.)	Wind Dir.	Force	Temp. °C	Humidity %	Present weather	Visibility	8h on Sunday 24th: Bar. reduced to M.S.L. (m.b.)	Diff. from normal	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.m.	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday
130	Mediterranean	SALÛM	1019.2	NNE	3	10.5	99	5	5	1020.7	+2.1	NW	2	7.0	15	—	6	—	78	—	3	4	Cb	6	1	82	—
131	Mediterranean	MATRÛH	1017.2	NNW	2	14.9	67	4	6	1017.1	-1.3	NNW	6	11.6	16	-2	8	0	58	-21	3	6	Sc	1	0	126	103
	Mediterranean	DIKHEILA	1016.8	NW	4	15.3	57	4	—	1015.8	—	NW	7	11.3	16	—	11	—	71	—	3	7	Cb	5	dr	—	—
132	Mediterranean	ALEXANDRIA	1016.2	NW	5	16.3	52	3	9	1014.4	-4.4	NW	8	10.5	19	0	10	0	70	-3	3	8	Cb	5	dr	149	138
	Mediterranean	DAMIETTA								1012.4	—	W	3	10.0	20	—	8	—	74	—	4	—	—	—	dr	43	69
134	Mediterranean	PORT SAÏD	1015.2	NW	3	19.0	43	1	8	1012.7	-4.4	WSW	4	12.4	20	+1	10	-1	72	-5	1	7	Sc	1	0	20	47
135	Mediterranean	EL 'ARÎSH	1014.3	WNW	2	16.0	56	0	6	1012.4	—	WSW	3	10.9	17	—	9	—	76	—	2	6	Cb	1	0	—	—
136	Lower Egypt	DAMANHÛR								1014.4	-3.8	W	4	10.1	19	-1	9	+2	78	-7	3	8	—	5	dr	43	63
137	Lower Egypt	MANSÛRA								1012.8	—	W	2	10.0	19	-1	8	+1	64	-18	2	6	—	1	0	20	27
[illegible]8	Lower Egypt	TANTA								1014.3	-4.6	W	3	10.0	19	-1	7	0	84	0	4	6	—	2	0	23	21
[illegible]9	Lower Egypt	ZAGÂZÎG								1014.7	—	SW	5	11.4	18	-2	7	+1	81	-2	4	8	—	—	0	8	12
[illegible]1	Middle Egypt (Cairo)	ALMÂZA	1015.9	NW	2	17.4	49	3	9	1015.1	—	WNW	4	10.6	18	—	7	—	89	—	5	6	Cb	5	tr	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1015.1	NNW	2	16.9	52	2	8	1014.7	-4.5	WNW	2	11.3	19	0	8	+1	83	+5	5	5	Nb	5	dr	8	17
	Middle Egypt (Cairo)	GÎZA	1015.1	NW	2	17.2	47	3	5	1014.8	-4.9	NW	2	10.6	19	0	7	+1	91	+8	5	5	Nb	5	dr	10	15
143	Middle Egypt	HELWÂN	1015.4	NW	3	15.6	45	2	7	1015.1	-4.2	WNW	2	10.0	16	-3	9	+1	83	+15	4	7	Cb	5	dr	12	16
144	Middle Egypt	SUEZ								1014.8	-3.6	W	2	13.0	18	-1	9	-1	53	-21	4	—	—	—	0	8	16
153	Upper Egypt	FAIYÛM								1016.3	-3.0	NNW	1	10.0	18	-2	6	0	87	+16	4	5	—	1	0	4	8
154	Upper Egypt	MINYA								1017.6	-2.0	NNW	3	10.0	17	-3	7	+1	63	-16	3	6	—	—	0	6	—
155	Upper Egypt	ASYÛT	1015.2	WSW	3	15.0	68	3	7	1016.6	-3.6	WSW	3	9.8	18	-2	5	-1	76	+6	2	6	Cu	2	0	0	4
156	Upper Egypt	QENA								1015.2	-3.7	WSW	1	9.9	20	-3	6	-1	71	+5	3	6	Cs	2	0	dr	—
157	Upper Egypt	LUXOR								1015.1	—	ESE	1	10.0	22	—	4	—	78	—	3	7	Cu	2	0	dr	—
158	Upper Egypt	ASWÂN	1013.4	N	2	20.2	31	1	6	1015.1	-3.8	—	0	10.0	21	-3	8	-1	62	+9	3	6	Cu	1	0	1	—
148	Western Desert	SÎWA	1018.0	—	0	19.2	57	0	6	1019.2	-0.4	NE	2	10.9	20	0	3	-1	62	-7	1	6	St	0	0	25	4
149	Western Desert	BAHARÎYA	1016.7	N	2	16.2	49	4	7	1018.0	—	NNW	2	10.2	16	—	6	—	86	—	4	6	As	2	0	17	—
151	Western Desert	KHÂRGA	1014.7	—	3	18.6	66	0	9	1018.8	-0.5	—	0	11.4	19	-4	3	-3	75	+13	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1015.5	NNW	4	18.1	37	1	8	1017.8	-2.3	WNW	1	7.1	18	-4	5	0	66	+13	0	8	—	0	0	dr	—
145	Red Sea	TÔR								1013.0	-5.0	NW	3	15.8	19	-2	10	+1	42	-17	4	6	—	2	0	3	10
146	Red Sea	HURGHÂDA								1015.0	-3.0	NW	3	12.8	19	-3	10	0	61	+5	3	6	—	2	0	dr	0
147	Red Sea	QUSEIR								1013.6	-4.1	W	2	16.4	21	-2	12	-2	51	+2	0	7	—	2	0	1	7
169	Red Sea	PORT SUDAN								1012.4	-3.2	NW	1	20.8	25	-2	17	-2	75	+10	3	—	—	—	0	42	97
165	North Sudan	WÂDI HALFA								1017.2	-1.7	NNW	1	10.1	23	-1	7	-1	74	+24	2	8	As,As	1	—	—	—
166	North Sudan	KAREIMA								1014.1	-2.5	—	0	15.8	29	-1	11	-1	44	+9	1	8	Ci	0	0	dr	1
167	North Sudan	'ATBARA								1014.3	-0.5	N	2	18.5	30	0	13	-1	24	-7	0	—	—	—	0	5	1
168	North Sudan	KHARTÛM								1011.2	-2.8	N	3	17.8	34	+2	16	+1	28	-4	4	8	Ci	2	0	4	5
170	North Sudan	KASSALA								1011.4	-1.1	E	1	20.1	33	-1	15	-1	72	+11	3	8	Ci	0	0	dr	11
171	Central Sudan	WAD MEDANI								1010.8	-2.5	N	2	20.8	34	0	18	+3	31	-4	0	—	-	—	0	56	13
173	Central Sudan	DUEIM								—	—	NW	3	19.4	31	-2	13	-1	30	-2	0	—	-	—	0	21	12
182	Central Sudan	RENK									—					—		—		—							
172	Central Sudan	ROSEIRES								1009.9	-1.8	NNW	2	23.0	38	+2	16	0	39	-2	1	—	—	—	0	3	37
174	Central Sudan	EL OBEID								1011.5	-4.3	NW	1	18.2	33	+3	15	+4	44	+12	3	8	Ci	1	0	23	19
175	Central Sudan	EL FÂSHER								1013.0	-1.1	NE	1	15.5	34	+3	12	+2	31	-1	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1009.5	-1.9	NNE	2	24.1	38	+2	21	+3	35	+11	3	8	Ci,Ac	2	0	81	93
177	S. Sudan	WÂU								1008.4	-2.4	S	2	24.0	39	+3	20	+2	50	+5	—	—	—	—	0	180	147
178	S. Sudan	JÛBA								1008.7	-1.7	SW	3	25.2	38	0	20	0	55	+2	1	9	—	—	0	131	142
179		Geneina								—	—	E	2	14.0	34	—	—	—	78	—	3	8	Cs	1	—	—	—
180		Gallabat								—	—																

Upper Wind Observations on 24th
ارصاد الرياح العليا يوم ٢٤

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms. per hour	Matruh 09h.00m. Dir.	Kms.	Almaza 07h.30m. Dir.	Kms.	Helwan ?h.00m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 07h.00m. Dir.	Kms.	Kareima 07h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Abukir 07h.00m. Dir.	Kms.	Heliopolis 07h.00m. Dir.	Kms.	Salum 23rd ?h.00m. Dir.	Kms.
200	340	11	340	60	280	55	280	29	—	—	—	—	20	18	—	—	—	—	—	—	—	—	—	—	310	55	290	50	320	6
500	—	—	340	39	290	44	280	40	350	30	340	30	10	27	10	32	40	31	—	—	—	—	30	64	300	61	290	27	—	—
1000	340	34			300	40	Ent.	Cb	320	49	0	26	340	24	350	21	50	11	10	26	60	50	30	56	290	51	290	37	280	29
1500	340	39			300	40			330	42	280	22	310	34	290	18	260	24	250	11	150	14	50	45	280	48			280	31
2000	Ent.	Cb			Ent.	Cb									290	35	290	14			230	42	50	47					Ent.	Cb
3000															290	48					270	43								
4000															280	50														
5000																														
6000																														

Forecast for 24 hours from noon on 24th

Northwest winds, on the coast strong, at times of gale force; inland fresh to strong.
Much low cloud.
Scattered showers. Cool.
Further outlook: Unsettled, cooler.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٢٤
رياح شمالية غربية شديدة لدرجة العاصفة أحياناً على الساحل
وبين النسبية والشديدة في الداخل
كثير السحاب المنخفض
تساقط مطر في جهات متفرقة . الطقس مائل إلى البرودة
وفيما بعد ستكون الطقس مضطرب وأكثر ميلاً للبرودة

Station	Mean of day: Humidity % on 23rd	Diff. from normal	Wet bulb temp. °C on 23rd	Diff. from normal
Alexandria	61	-5	10.9	+0.2
Ezbekiya	67	0	9.8	-0.4
Gîza	77	+7	9.5	-0.6
Helwân	59	+3	8.5	-0.5

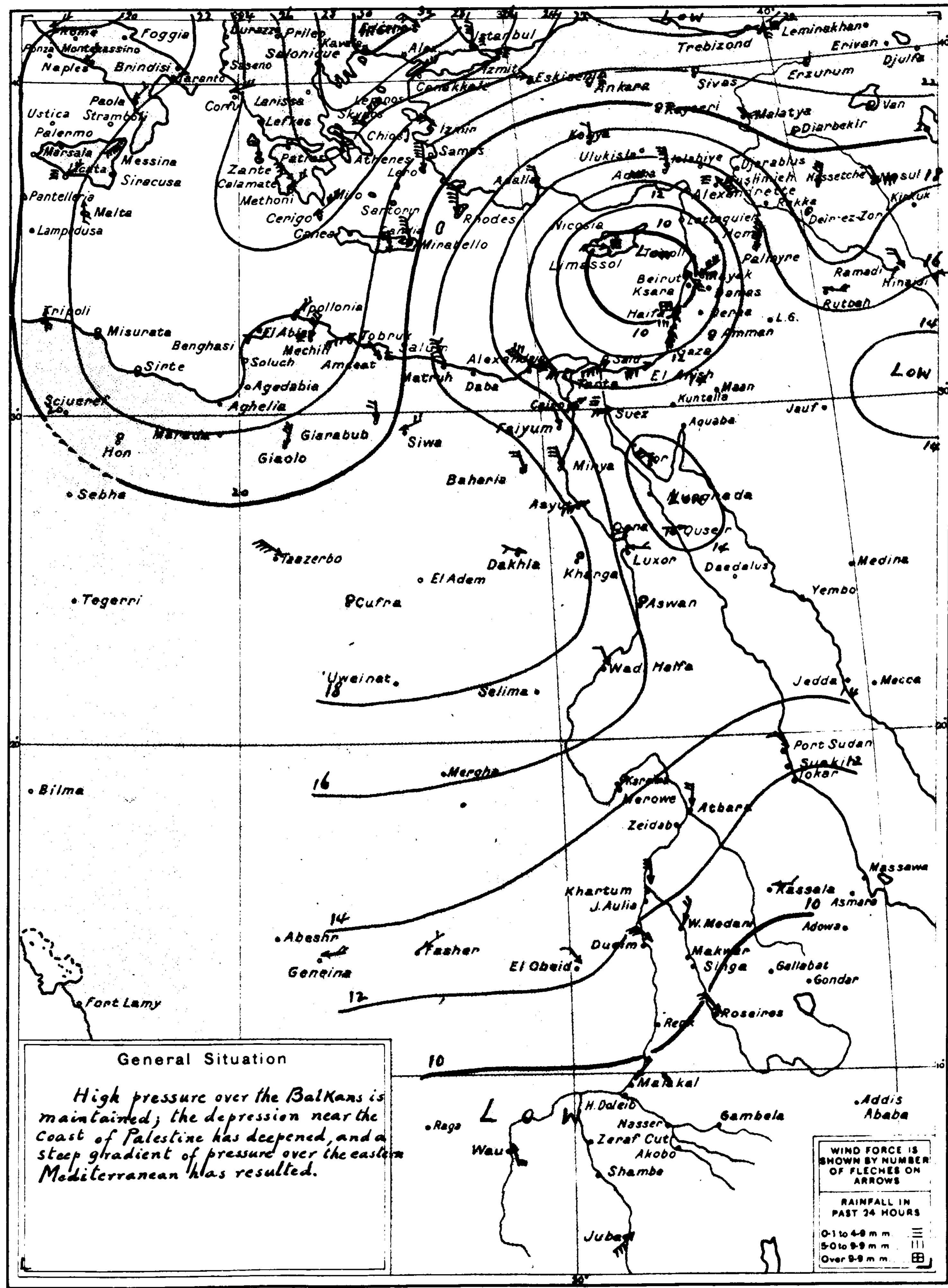
Gîza Grass minimum on 24th 4.8 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
24.1	1101	1291
23.1	1102	1321

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23.1	13.19	-0.19	13.19	-0.19
Nâsser	23.1	5.43	-0.95	5.46	-0.98
Malakâl	24.1	10.42	-0.57	10.44	-0.58
Roseires	24.1	12.39	+0.41	12.41	+0.41
Sennâr Res.	22.1	20.70	—	20.70	
Khartûm	23.1	10.60	-0.21	10.63	-0.22
Kh. el Girba					
'Atbara	23.1	10.34	-0.21	10.34	-0.22
Kajnarti	23.1	133.25	-0.43	133.28	-0.42
Wâdi Halfa					
Aswân Res.	24.1	120.75		120.77	
Aswân D. S.	24.1	86.06	-0.20	86.06	-0.18
El Leisi*	24.1	18.29	+0.20	18.29	+0.18
Rôda (Cairo)	24.1	14.57	-0.20	14.57	-0.21

١٩٣٧-١-٢٤ Pressure and Wind at 8 h. 24-1-1937



General Situation

High pressure over the Balkans is maintained; the depression near the coast of Palestine has deepened, and a steep gradient of pressure over the eastern Mediterranean has resulted.

At 8 h. on 23-1-1937 — ١٩٣٧-١-٢٣ الساعة ٨ يوم

Station	Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.m.	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	
Limassol	1017	0	ENE	2	8	—	—	—	—	—	—	4	—	—	—	0	—	274	ليماسول
Haifa	1017.2	+1.2	ESE	1	14.1	19	+1	9	+1	61	-6	0	—	—	—	0	461	457	حيفا
Gaza	1018.0	+1.4	—	0	9.6	17	-1	8	0	98	+22	4	4	—	6	2	265	240	غزة
Ships	73255	25106	28501	13967															سفن
	73207	38406	32400	12981															

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

* El Leisi River Gauge reading for 2-1-37 published on 23-1-37 should read 18.40 instead of 18.46 m.

ANNUAL SUBSCRIPTION
Inland Post ... P.T 100
Abroad ... P.T 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise 06 h. 49 m.
sunset 17 h. 26 m.

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	Region	STATION	At 14h. on 24th (الساعة ١٤ يوم ٢٤): Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Monday 25th (الساعة ٨ يوم الاثنين ٢٥): Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1020.0	N	4	11.4	56	3	5	1022.0	+3.4	WSW	3	6.6	12	—	3	—	64	—	3	5	Ac	1	0	82	—
131		MATRÛH	1017.4	NNW	5	10.9	71	4	6	1020.8	+2.4	WSW	2	8.6	15	-3	6	-2	76	-3	3	6	Sc	3	dr	126	104
		DIKHEILA	1015.5	NW	8	11.3	70	5	5	1020.6	—	NW	6	12.8	13	—	8	—	68	—	4	7	Ac	5	dr	—	—
132		ALEXANDRIA	1014.3	NW	7	10.6	73	4	7	1019.8	+1.0	NNW	7	12.0	14	-5	10	0	59	-14	4	7	Cb	5	dr	149	140
		DAMIETTA								1018.2	—	SW	2	10.0	14	—	8	—	68	—	4	—	—	—	3	46	70
134		PORT SAÏD	1011.2	NNW	5	10.6	87	2	7	1018.8	+1.7	WNW	4	9.1	15	-4	8	-3	81	+4	2	7	Cu	6	4	24	47
135		EL 'ARÎSH	1009.5	WSW	6	14.2	43	2	3	1017.8	—	WSW	3	8.3	15	—	5	—	82	—	2	6	Cb	6	8	—	—
136	LOWER EGYPT	DAMANHÛR								1019.5	+1.4	WSW	1	9.0	15	-5	7	0	74	-11	4	7	—	5	dr	43	64
137		MANSÛRA								1018.6	—	NNW	2	7.8	15	-5	6	-1	72	-10	2	4	—	8	dr	20	27
138		TANTA								1020.0	+1.2	WSW	2	8.0	16	-4	4	-3	86	+2	4	6	—	2	0	23	21
139		ZAGÂZÎG								1020.2	—	SW	3	7.8	15	-5	4	-2	78	-5	3	8	—	—	dr	8	13
141	MIDDLE EGYPT	CAIRO ALMÂZA	1014.4	WNW	6	14.0	54	—	5	1020.7	—	SSW	3	7.2	14	—	3	—	80	—	2	7	As	5	4	—	—
		CAIRO EZBEKÎYA	1014.2	NW	4	13.8	54	2	7	1020.4	+1.3	SSE	3	6.7	15	-4	5	-2	78	0	1	6	Ac	5	dr	8	17
		CAIRO GÎZA	1013.8	NW	3	14.0	48	3	5	1020.8	+1.1	SE	2	7.3	15	-4	3	-3	78	-5	2	5	Cs	5	dr	10	15
143		HELWÂN	1013.9	WNW	6	12.5	41	7	7	1021.4	+2.1	WNW	1	4.9	13	-6	3	-5	76	+8	1	7	Cc	5	dr	12	17
144		SUEZ								1019.9	+1.5	W	2	11.0	16	-3	9	-1	41	-33	0	—	—	—	2	10	17
153	UPPER EGYPT	FAIYÛM								1021.4	+2.2	SSW	1	7.2	16	-4	2	-4	70	0	1	6	—	1	0	4	8
154		MINYA								1022.7	+3.2	NNE	3	7.6	16	-4	4	-2	65	-14	0	8	—	—	dr	6	—
155		ASYÛT	1015.5	NW	3	15.8	54	3	6	1022.6	+2.4	WSW	3	7.2	17	-3	2	-4	69	-1	0	6	Cu	0	0	0	4
156		QENA								1021.0	+2.2	NW	2	7.1	21	-2	3	-4	68	+2	0	5	—	1	0	dr	—
157		LUXOR								1021.1	—	SSE	2	8.3	20	—	4	—	70	—	2	7	—	0	0	dr	—
158		ASWÂN	1013.5	N	2	19.6	27	0	6	1021.1	+2.3	N	2	8.2	21	-3	6	-4	48	-4	1	6	Cu	1	0	1	—
148	WESTERN DESERT	SÎWA	1020.2	N	2	16.9	45	0	6	1022.4	+2.9	—	0	7.7	18	-2	0	-4	55	-14	0	6	—	0	0	25	4
149		BAHARÎYA	1017.2	NW	4	14.6	45	2	7	1023.0	—	SW	1	6.0	15	—	1	—	70	—	0	9	—	1	0	17	—
151		KHÂRGA	1015.5	N	3	18.4	67	0	9	1023.4	+4.1	N	3	8.2	19	-4	4	-2	75	+13	0	9	—	0	—	0	0
152		DÂKHLA	1016.8	NNW	5	17.7	36	0	8	1024.0	+3.9	WNW	1	5.6	19	-3	5	0	49	-3	0	7	—	0	0	dr	—
145	RED SEA	TÔR								1019.5	+1.6	N	2	11.5	18	-3	9	0	36	-23	0	—	—	2	0	3	10
146		HURGHÂDA								1019.1	+1.2	WNW	4	10.2	21	-1	6	-4	52	-4	0	7	—	2	0	dr	0
147		QUSEIR								1018.3	+0.7	W	3	13.8	23	0	10	-4	47	+1	0	7	—	—	0	1	7
169		PORT SUDAN								1015.0	-0.5	N	2	22.0	27	0	19	0	70	+5	3	—	—	—	0	42	78
165	NORTH SUDAN	WÂDI HALFA								1020.9	+2.0	N	2	8.8	21	-3	7	-1	73	+23	3	8	Cs	1	—	—	—
166		KAREIMA								1016.3	-0.3	N	2	13.9	28	-2	11	-1	43	+9	2	8	Ci	1	0	dr	1
167		'ATBARA								1015.9	+1.2	N	3	17.3	29	-2	13	-1	29	-2	0	—	—	—	0	5	1
168		KHARTÛM								1013.9	-0.1	NNE	4	16.8	33	+1	15	0	33	+1	4	8	Ci, Ac	2	0	4	5
170		KASSALA								1011.9	-0.5	E	1	19.8	34	0	16	0	47	-14	4	8	Cs, As	1	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI								1012.0	-1.8	N	4	19.2	34	0	16	+1	20	-15	0	—	—	—	0	56	13
173		DUEIM								—	—	N	4	18.4	34	+1	15	+1	37	+6	1	—	—	—	0	21	12
182		RENK														—		—		—							
172		ROSEIRES								1011.5	-0.2	WNW	2	21.3	39	+3	16	0	38	-3	1	—	—	—	0	3	37
174		EL OBEID								1012.8	-2.9	N	2	17.0	33	+3	13	+2	43	+11	1	8	Ci	1	0	23	19
175		EL FÂSHER								1015.1	+1.1	NW	1	14.0	35	+4	11	+1	42	+10	0	—	—	—	0	0	8
176	S. SUDAN	MALAKÂL								1010.2	-1.1	NNE	2	23.5	39	+3	21	+3	29	+6	3	7	Ci	2	0	81	93
177		WÂU								1008.6	-2.1	NNW	1	24.0	39	+3	20	+2	42	-3	1	—	—	—	0	180	147
178		JÛBA								1010.2	-0.2	NW	2	24.2	40	+2	23	+3	68	+15	0	9	—	—	0	131	142
179		Geneina								—	—	NE	2	13.8	35	—	14	—	78	—	2	8	Ci	0	—	—	—
180		Gallabat								—	—	ENE	1	22.2	35	—	17	—	64	—	1	—	—	—	0	—	—

Upper Wind Observations on 25th — ارصاد الرياح العليا يوم ٢٥

Height metres above M.S.L.	Salum 07 h.00 m. Dir. E. of N.	Kms. per hour	Matruh 07 h.00 m. Dir.	Kms.	Dikheila 08 h.00 m. Dir.	Kms.	Almaza 07 h.30 m. Dir.	Kms.	Cairo 08 h.30 m. Dir.	Kms.	Helwan 07 h.30 m. Dir.	Kms.	Asyut 07 h.00 m. Dir.	Kms.	Aswan 07 h.00 m. Dir.	Kms.	W. Halfa 07 h.00 m. Dir.	Kms.	Kareima 07 h.00 m. Dir.	Kms.	Khartum 07 h.00 m. Dir.	Kms.	Geneina 07 h.00 m. Dir.	Kms.	El Obeid 08 h.00 m. Dir.	Kms.	Malakal h.00 m. Dir.	Kms.	Salum 24th 13 h.00 m. Dir.	Kms.
200	270	12	300	27	310	34	250	19	—	—	160	6	—	—	—	—	30	29	—	—	—	—	—	—	—	—	—	—	330	17
500	—	—	330	24	310	71	300	32	320	22	290	20	350	39	10	33	30	55	30	48	30	61	—	—	—	—	30	69	—	—
1000	300	20	320	27	320	53	310	36	320	44	320	32	0	39	10	39	30	47	50	47	40	42	30	37	40	69	40	79	340	18
1500	290	44	350	21	320	39					330	60			70	8	0	24	20	21	20	16	250	12	80	43	50	69	340	6
2000	310	42	330	51	320	52													310	14	250	34	260	39	310	2			330	51
3000	330	33																	280	64	290	50			350	32				
4000																									320	14				
5000																														
6000																														

Forecast for 24 hours from noon on 25th

On the coast fresh to strong northwest winds, moderating tomorrow.
Inland moderate westerly winds.
Much low cloud at times.
Possibly light showers in the north.
Remaining cool. Conditions improving.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٥
رياح شمالية غربية نشطة على السواحل تخف
غدا . ورياح معتدلة غربية في الداخل
كثير من السحب المنخفضة في بعض الأوقات
ويحتمل أن تمطر خفيفا في الشمال
ويستمر الطقس باردا وحالة الجو آخذة في التحسن

STATION	Mean of day: Humidity % on 24th	Diff. from normal	Wet Bulb Temp. °C on 24th	Diff. from normal
Alexandria	60	-6	7.8	-2.9
Ezbekiya	67	0	8.6	-1.6
Giza	75	+5	7.6	-2.5
Helwân	63	+7	6.9	-2.1

Gîza Grass minimum on 25th -1.4 °C

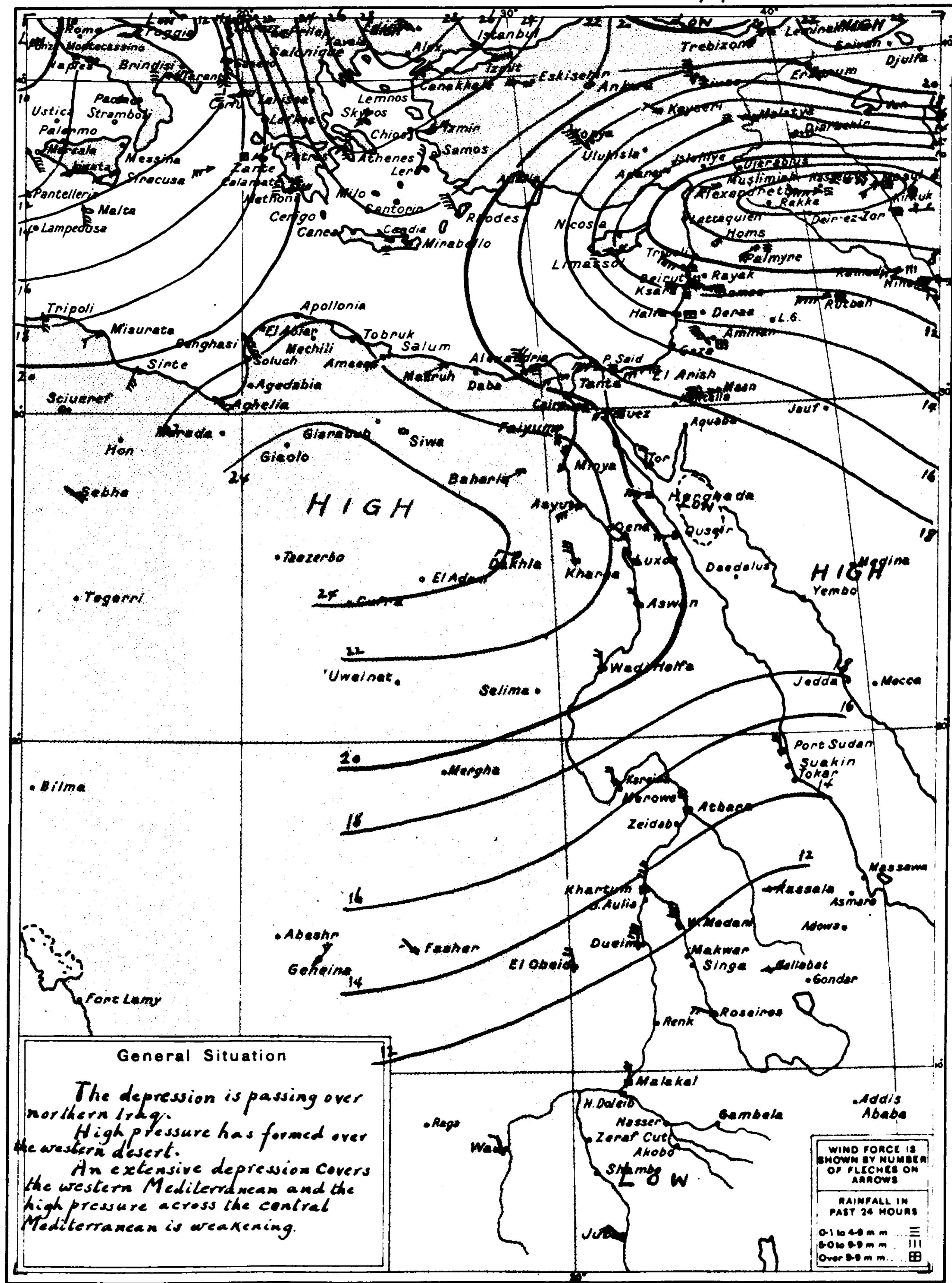
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
25.1	1100	1291
24.1	1101	1291

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24.1	13.18	-0.19	13.19	-0.19
Nâsser	24.1	5.42	-0.04	5.43	-0.05
Malakâl	25.1	10.40	-0.57	10.43	-0.57
Roseires	25.1	12.38	+0.42	12.39	+0.41
Sennâr Res.	24.1	20.71		20.71	
Khartûm	24.1	10.60	-0.18	10.60	-0.21
Kh. el Girba					
'Atbara	25.1	10.30	-0.21	10.33	-0.20
Kajnarti	25.1	133.18	-0.43	133.22	-0.43
Wâdi Halfa					
Aswân Res.	25.1	120.71	—	120.75	—
,, D. S.	25.1	86.06	-0.21	86.06	-0.20
El Leisi	25.1	18.30	+0.23	18.29	+0.20
Rôda (Cairo)	25.1	14.54	-0.17	14.57	-0.20

Printed by the Survey of Egypt, 1936. (36/530)

١٩٣٧-١-٢٥ Pressure and Wind at 8 h. 25-1-1937



General Situation

The depression is passing over northern Iraq.
High pressure has formed over the western desert.
An extensive depression covers the western Mediterranean and the high pressure across the central Mediterranean is weakening.

At 8 h. on 24-1-1937 — الساعة ٨ يوم ١٩٣٧-١-٢٤

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1009	-8	WNW	2	7	—	—	—	—	—	—	4	—	—	—	Raining	—	278	ليماسول
Haifa	1009.1	-6.9	SSW	1	14.2	19	+1	10	+2	68	+1	4	—	—	—	15	476	463	حيفا
Gaza	1013.8	-2.8	SE	7	10.0	18	0	9	+1	91	+15	3	5	—	1	0	265	243	غزة
Ships	23373	—	17206	—	20303	—	14857	—	61367	—	63520								[illegible]

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

CAIRO
Time of sunrise 06 h 49 m
sunset 17 h 27 m

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

٢٦-١-٣٧ Pressure and Wind at 8 h 26-1-37

1417 F.C.

At 14h. on 25th (الساعة ١٤ يوم ٢٥) / At 8h. on Tuesday 26th (الساعة ٨ يوم الثلاثاء ٢٦)

No.	Region	Station	14h Bar. (m.b.)	14h Wind Dir.	14h Force	14h Temp. °C	14h Humidity %	14h Present weather	14h Visibility	8h Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1020.6	SW	4	13.8	48	4	5	1021.6	+3.0	W	5	7.7	14	—	6	—	58	—	0	5	—	2	0	82	—
131		MATRÛH	1020.8	W	3	14.8	59	4	6	1020.4	+2.0	SW	4	10.2	16	-2	8	0	59	-19	3	6	Sc	1	0	126	106
		DIKHEILA																									
132		ALEXANDRIA	1020.4	WNW	5	14.5	57	4	8	1021.0	+2.3	SW	5	10.0	16	-3	9	-1	70	-3	4	7	Cb	5	dr	149	142
		DAMIETTA								1020.7	—	SW	3	8.5	16	—	8	—	70	—	2	—	—	—	1	47	72
134		PORT SAÏD	1019.4	NW	5	14.5	60	2	7	1021.5	+4.4	WSW	4	9.9	16	-3	9	-2	69	-8	3	7	Cu	5	dr	24	48
135		EL 'ARÎSH	1018.2	WSW	3	13.2	73	2	6	1021.1	—	WSW	1	11.0	14	—	8	—	79	—	2	6	Cb	6	5	—	—
136	Lower Egypt	DAMANHÛR								1020.8	+2.8	SW	4	9.1	16	-4	7	0	61	-24	4	7	—	5	dr	43	65
137		MANSÛRA								1021.0	—	SW	2	8.5	16	-4	6	-1	64	-17	2	4	—	1	0	20	28
138		TANTA								1021.8	+3.1	SW	3	9.5	16	-4	4	-3	67	-17	4	6	—	2	0	23	21
139		ZAGÂZÎG								1022.3	—	SW	4	8.8	15	-5	4	-2	72	-10	2	8	—	—	0	8	13
141	Middle Egypt (Cairo)	ALMÂZA								1022.8	—	SSW	3	8.9	15	—	3	—	58	—	2	7	Cc	1	0	—	—
		EZBEKÎYA	1020.6	WNW	2	14.8	50	3	8	1022.7	+3.6	S	2	7.8	16	-3	7	0	79	+1	1	5	Cs	5	dr	8	18
		GÎZA	1020.3	NNW	2	15.5	45	3	5	1023.1	+3.4	SSE	2	7.2	16	-3	4	-2	83	+1	2	5	Cs	5	dr	10	15
143		HELWÂN	1021.0	WNW	3	13.9	40	3	8	1023.5	+4.3	ESE	1	6.8	15	-4	5	-3	76	+8	1	6	Ce	1	0	12	17
144		SUEZ								1022.4	+4.0	E	2	10.5	16	-4	7	-3	63	-11	4	—	—	—	0	10	17
153	Upper Egypt	FAIYÛM								1023.6	+4.4	SSE	1	8.2	16	-4	4	-2	61	-9	1	6	—	1	0	4	8
154		MINYA								1024.4	+4.9	NNW	2	9.4	15	-5	3	-3	63	-16	0	7	—	—	0	6	—
155		ASYÛT	1021.8	WNW	3	14.8	51	2	7	1024.3	+4.1	SW	2	5.0	16	-4	3	-3	76	+7	0	7	—	1	0	0	4
156		QENA								1022.4	+3.6	WNW	2	7.0	20	-3	3	-4	70	+4	0	5	—	0	0	dr	—
157		LUXOR								1022.7	—	ESE	2	6.4	18	—	0	—	75	—	0	7	—	0	0	dr	—
158		ASWÂN	1019.1	N	3	16.0	24	1	6	1022.0	+3.2	—	0	7.2	17	-7	6	-4	55	+3	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1021.1	WSW	1	16.1	42	0	6	1022.7	+3.2	—	0	8.2	17	-3	2	-2	52	-17	0	6	—	0	0	25	4
149		BAHARÎYA	1022.0	NW	1	14.3	37	0	9	1024.3	—	—	0	7.8	15	—	1	—	73	—	0	9	—	0	0	17	—
151		KHÂRGA	1021.6	NE	5	14.4	74	0	9	1023.5	+4.3	NE	1	7.4	15	-8	2	-4	79	+7	0	9	—	0	0	0	0
152		DÂKHLA	1022.0	NNE	3	14.3	28	0	8	1024.4	+4.4	—	0	6.2	15	-7	1	-4	52	0	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1021.4	+3.5	NE	2	12.0	17	-4	8	-1	65	+6	0	6	—	2	0	3	10
146		HURGHÂDA								1022.0	+4.2	WNW	4	13.5	17	-5	8	-2	60	+4	0	6	—	1	0	dr	0
147		QUSEIR																									
164		PORT SUDAN								1017.0	+1.5	N	4	20.6	22	-5	18	-1	57	-8	3	—	—	—	0	4.2	98
165	North Sudan	WÂDI HALFA								1022.7	+3.8	N	2	7.2	21	-4	5	-3	71	+21	0	8	—	0	—	—	—
166		KAREIMA								1019.9	+3.3	N	2	11.0	24	-6	8	-4	41	+7	4	8	Ci	2	0	dr	1
167		'ATBARA																									
168		KHARTÛM								1016.6	+2.6	NNW	5	16.3	31	-1	13	-2	34	+3	4	8	Ci	1	0	4	5
170		KASSALA								1014.2	+1.8	ESE	2	17.9	34	0	15	-1	71	+10	4	8	Ci, Sc	1	0	dr	11
171	Central Sudan	WAD MEDANI																									
173		DUEIM								—	—	NW	4	17.4	29	-4	15	+1	27	-4	0	—	—	—	0	21	12
182		RENK																									
172		ROSEIRES								1012.6	+0.9	NNW	2	20.2	37	+1	17	+1	26	-14	0	—	—	—	0	3	37
174		EL OBEID								1016.1	+0.4	NNW	2	14.5	31	+1	11	0	49	+17	1	8	Ci	1	0	23	19
175		EL FÂSHER								1015.9	+1.9	NE	3	13.7	32	+1	10	0	36	+4	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1012.3	+1.0	NNE	4	21.8	38	+2	19	+1	29	+6	3	6	Ci	2	0	81	93
177		WÂU								1011.1	+0.4	N	3	22.2	37	+1	20	+2	25	-20	0	—	—	—	0	180	147
178		JÛBA								1010.4	0.0	NW	2	26.2	39	+1	21	+1	41	-12	1	9	—	—	0	131	142
179		Geneina								—	—	ENE	5	15.0	35	—	14	—	78	—	3	8	Cs	1	—	—	—
180		Gallabat								—	—	ENE	1	21.3	36	—	16	—	75	—	0	—	—	—	0	—	—

Upper Wind Observations on 26th — ارصاد الرياح العليا يوم ٢٦

Dir. E. of N. / Kms. per hour; height in metres above M.S.L.

Height	Salum 07h00m Dir.	Kms	Almaza 07h30m Dir.	Kms	Cairo 08h15m Dir.	Kms	Helwan 08h30m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 07h00m Dir.	Kms	Kareima 07h00m Dir.	Kms	Khartum 06h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Abukir 07h00m Dir.	Kms	Juba 25th 10h45m Dir.	Kms	Salum 25th 13h00m Dir.	Kms
200	250	27	220	36	210	33	170	15	—	—	—	—	10	18	—	—	—	—	—	—	—	—	—	—	260	55	—	—	220	20
500	—	—	250	43	250	40	230	14	10	33	30	32	30	27	30	40	0	56	—	—	—	—	30	63	290	63	330	70	—	—
1000	270	45	270	34	290	29	280	28	10	35	50	36	10	31	20	35	0	56	50	58	10	60	30	79	290	64	340	8	270	39
1500	300	42	320	47	310	43	310	40	350	28	30	42	0	31	10	40	10	45	70	53	30	51	80	72	240	66	50	6	280	42
2000	300	33			290	43	300	42	10	24					0	35	300	18			30	23					80	24	Ext Cu.	
3000					330	21	350	16							310	40	270	53			290	34								
4000					240	43	240	55							260	50														
5000							240	80																						
6000																														

Forecast for 24 hours from noon on 26th

On the coast moderate to fresh southwest to west winds
Inland moderate south to southwest winds
Some low cloud.
Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٦
رياح بين المعتدلة والنشيطة من جنوبية غربية وغربية على الساحل
ورياح معتدلة بين جنوبية وجنوبية غربية في الداخل
يظهر بعض السحاب المنخفض - يستمر الطقس مائلا للبرودة

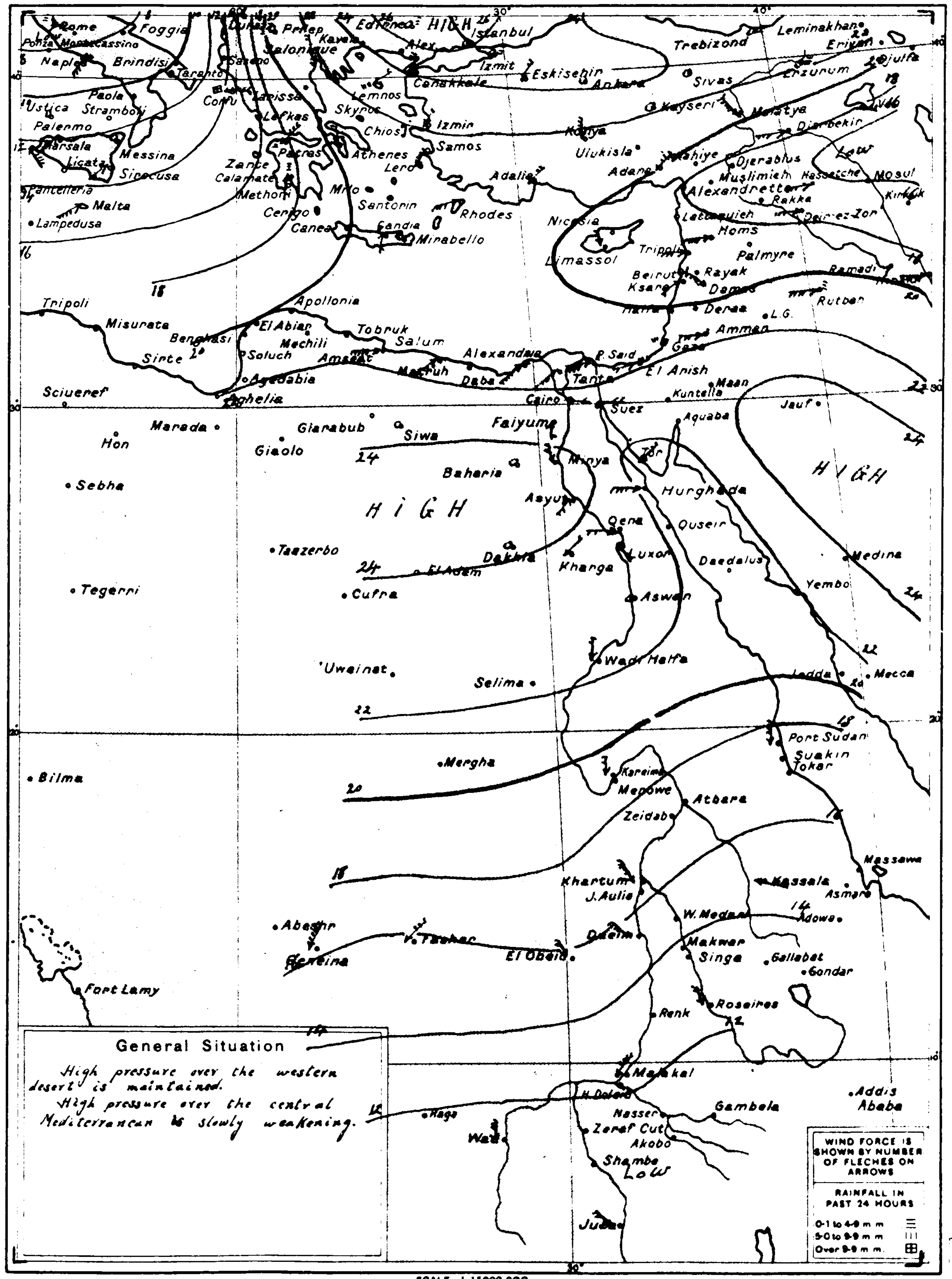
Station	Mean of day: Humidity % on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	58	-8	4.7	-1.1
Ezbekiya	69	+2	8.1	-2.1
Giza	80	+10	7.7	-2.4
Helwân	63	+7	6.6	-2.4

Gîza Grass minimum on 26th 0.8 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
26-1	11.00	1291
25-1	11.00	1291

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25-1	13.18	-0.19	13.18	-0.14
Nâsser	25-1	5.43	-0.45	5.42	-0.51
Malakâl	26-1	10.39	-0.56	10.40	-0.57
Roseires	26-1	12.37	+0.43	12.38	+0.42
Sennâr Res.	25-1	20.71	—	20.71	—
Khartûm	25-1	10.54	-0.21	10.60	-0.18
Kh. el Girba					
'Atbara	25-1	10.30	-0.21	10.33	-0.20
Kajnarti	25-1	133.18	-0.43	133.22	-0.43
Wâdi Halfa					
Aswân Res.	26-1	120.71	—	120.71	—
„ D. S.	26-1	86.05	-0.23	86.06	-0.21
El Leisi	26-1	18.29	+0.25	18.30	+0.23
Rôda (Cairo)	26-1	14.54	-0.17	14.54	-0.17



General Situation

High pressure over the western desert is maintained.
High pressure over the central Mediterranean is slowly weakening.

At 8 h. on 25-1-37 (الساعة ٨ يوم ٢٥-١-٣٧)

Station	Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1012	-5	E	2	4	—	—	—	—	—	—	0	—	—	—	Rain	—	281	ليماسول
Haifa	1014.3	-1.6	NNW	3	12.5	15	-3	7	-1	62	-5	4	—	—	—	19	495	470	حيفا
Gaza	1016.3	-0.3	NW	6	9.6	19	+1	7	-1	82	+6	4	2	—	6	20	285	246	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post . . . . P.T 100
Abroad . . . . P.T 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise 06 h. 48 m.
sunset 17 h. 28 m.

Month JANUARY 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	STATION	At 14h. on (الساعة ١٤ يوم) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Wednesday 27th (الساعة ٨ يوم الاربعاء ٢٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1019.5	W	5	18.7	42	0	6	1021.2	+2.6	WSW	5	8.5	19	—	7	—	50	—	0	6	—	0	0	82	—
131	MATRÛH	1018.7	WNW	4	17.4	51	0	6	1020.8	+2.4	W	3	11.1	18	0	8	0	49	-29	0	6	—	0	0	126	107
	DIKHEILA	1020.7	WNW	6	18.0	56	3	—	1021.9	—	SSW	1	10.4	18	—	9	—	85	—	0	7	—	5	dr	—	—
132	ALEXANDRIA	1018.7	SW	7	16.7	60	4	8	1020.8	+2.1	—	0	12.8	18	-1	10	-1	70	-3	0	8	—	5	dr	149	143
	DAMIETTA								1021.5	—	S	1	10.0	16	—	7	—	98	—	3	—	—	—	0	47	73
134	PORT SAÎD	1018.7	WSW	4	15.4	59	4	7	1022.2	+5.1	S	2	11.4	16	-3	9	-2	89	+12	3	5	Cu	1	0	24	49
135	EL 'ARÎSH	1018.4	WSW	3	15.3	56	2	5	1021.5	—	WSW	2	12.4	16	—	11	—	94	—	1	6	Cb	6	3	—	—
	LOWER EGYPT																									
[illegible]	DAMANHÛR								1021.6	+3.7	ESE	2	9.9	19	-1	8	+1	83	-1	2	5	—	2	0	43	66
[illegible]	MANSÛRA								—	—	SW	1	8.9	18	-2	7	0	91	+10	0	6	—	5	dr	20	28
[illegible]	TANTA								1021.8	+3.2	—	0	10.5	19	-1	7	0	74	-10	1	7	—	2	0	23	22
[illegible]	ZAGÂZÎG								1022.4	—	SW	1	12.3	19	-1	6	0	70	-12	1	7	—	—	0	8	13
	MIDDLE EGYPT																									
[illegible]	CAIRO ALMÂZA	1020.6	WNW	5	18.9	24	3	8	1021.5	—	S	4	11.1	19	—	6	—	46	—	0	7	—	1	0	—	—
	CAIRO EZBEKÎYA	1020.0	WNW	2	18.9	36	3	8	1021.8	+2.7	S	3	9.6	20	0	7	0	58	-20	0	5	St	1	0	8	18
	CAIRO GÎZA	1019.8	W	3	18.8	36	3	5	1021.8	+2.2	SE	2	8.7	20	+1	6	0	67	-15	0	5	—	1	0	10	16
143	HELWÂN	1020.6	WSW	4	18.1	28	1	8	1022.4	+3.2	SSE	2	10.2	19	0	8	0	49	-18	0	7	—	0	0	12	17
144	SUEZ								1022.0	+3.7	N	1	13.0	18	-2	10	0	77	+3	0	—	—	—	0	10	17
	UPPER EGYPT																									
153	FAIYÛM								1022.4	+3.2	—	0	10.6	22	+2	6	0	51	-18	0	6	—	1	0	4	8
154	MINYA								1024.0	+4.6	NE	2	12.3	19	-1	7	+1	48	-31	0	7	—	—	0	6	—
155	ASYÛT	1021.6	NNW	2	17.5	48	0	7	1023.9	+3.8	ESE	2	9.0	20	0	4	-2	73	+4	0	6	—	2	0	0	4
156	QENA								1022.4	+3.7	WSW	1	10.2	20	-3	5	-2	66	0	0	5	—	0	0	dr	—
157	LUXOR								1022.2	—	ESE	2	9.8	21	—	5	—	66	—	0	7	—	0	0	dr	—
158	ASWÂN	1019.2	NNW	2	19.3	20	0	6	1022.3	+3.5	—	0	9.9	20	-4	7	-3	58	+6	0	6	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1020.8	W	2	20.8	27	0	6	1022.8	+3.3	—	0	7.9	21	+1	2	-2	55	-14	0	6	—	0	0	25	4
149	BAHARÎYA	1021.4	WSW	3	19.4	28	0	9	1023.5	—	—	0	11.3	19	—	4	—	56	—	0	9	—	0	0	17	—
151	KHÂRGA	1021.4	N	2	17.4	64	0	9	1024.4	+5.2	N	3	10.2	18	-5	5	-1	72	+10	0	9	—	0	0	0	0
152	DÂKHLA	1021.8	NNE	2	18.7	27	0	8	1023.9	+4.0	—	0	8.0	20	-2	3	-2	56	+4	0	7	—	0	0	dr	—
	RED SEA																									
145	TÔR																									
146	HURGHÂDA								1021.4	+3.6	WNW	3	13.5	20	-2	8	-2	51	-5	0	7	—	0	0	dr	0
147	QUSEIR								1021.0	+3.5	WNW	3	17.7	20	-3	13	-1	46	-2	0	7	—	0	0	1	7
169	PORT SUDAN								1018.3	+2.8	N	1	20.8	23	-4	16	-3	49	-16	1	—	—	—	0	42	99
	NORTH SUDAN																									
165	WÂDI HALFA								1021.5	+3.7	N	1	9.2	21	-4	5	-3	73	+23	0	8	—	0	—	—	—
166	KAREIMA								1019.3	+2.8	NE	1	11.3	23	-7	8	-4	30	-4	0	8	—	0	0	dr	1
167	'ATBARA								1017.6	+2.9	N	3	15.5	26	-5	11	-3	39	+9	0	—	—	—	0	5	1
168	KHARTÛM								1017.2	+3.3	N	4	13.8	29	-3	10	-5	34	+3	0	8	Ci	0	0	4	5
170	KASSALA								1015.0	+2.6	ENE	1	19.2	29	-5	13	-3	63	+2	0	8	—	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1015.2	+1.9	NE	4	17.2	30	-4	13	-2	20	-14	0	—	—	—	0	56	13
173	DUEIM								—	—	NW	4	15.6	31	-2	13	-1	30	-1	0	—	—	—	0	21	27
182	RENK														—		—		—							
172	ROSEIRES								1013.6	+1.9	WNW	2	18.9	35	-1	16	0	32	-8	0	—	—	—	0	3	37
174	EL OBEID								1016.7	+1.0	N	2	13.7	27	-3	9	-2	47	+16	0	8	Ci	0	0	23	19
175	EL FÂSHER								1017.6	+3.6	NW	2	10.9	29	-2	8	-2	32	+1	0	—	—	—	0	0	8
	S. SUDAN																									
176	MALAKÂL								1013.8	+2.6	NNE	4	20.7	35	-1	19	+1	20	-3	3	7	Ci;Cs	1	0	81	43
177	WÂU								1012.3	+1.7	N	2	20.0	35	-1	18	0	32	-12	1	—	—	—	0	180	147
178	JÛBA																									
179	Geneina								—	—	NE	3	10.6	35	—	—	—	77	—	4	8	Ac	1	—	—	—
180	Gallabat								—	—	N	1	21.3	35	—	17	—	63	—	1	—	—	—	0	—	—

Upper Wind Observations on 27th — ارصاد الرياح العليا يوم ٢٦

Dir. = E. of N.; Kms = Kms. per hour

Height metres above M.S.L.	Salum 07h 00m Dir.	Kms	Matruh 07h 00m Dir.	Kms	Dikheila 07h 45m Dir.	Kms	Almaza 08h 00m Dir.	Kms	Cairo 08h 30m Dir.	Kms	Helwan 08h 40m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Aswan 07h 00m Dir.	Kms	Wadi Halfa 07h 00m Dir.	Kms	Kareima 07h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Geneina 07h 00m Dir.	Kms	El Obeid 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Salum 13h 00m Dir.	Kms
200	270	28	280	48	320	6	210	36	180	25	140	14	—	—	—	—	40	27	—	—	—	—	—	—	—	—	—	—	260	30
500	—	—	280	33	20	5	280	27	300	24	230	7	350	28	20	41	50	47	40	48	350	34	—	—	—	—	20	74	—	—
1000	280	15	280	33	320	24	300	40	310	37	310	37	350	33	20	62	50	40	50	39	350	34	50	56	20	64	30	74	290	28
1500	260	15	240	42	310	50	300	35	320	37	310	35	10	33	0	30	30	14	20	18	350	31	280	24	30	34	40	48		
2000	260	12	310	24	310	37	310	34			320	23	350	27					10	21	360	40	310	29	0	11				
3000	310	30									330	42							340	24	80	24			260	27				
4000																					80	32								
5000																														
6000																														

Forecast for 24 hours from noon on 27th

On the coast moderate westerly winds.
Inland light to moderate south to west winds.
Clear or occasional high cloud.
Temperature slightly above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٧

رياح معتدلة غربية على الساحل والرياح الخفيفة والمعتدلة جنوبية الى غربية في الداخل - السماء صحو او بها بعض السحاب العالي ودرجة الحرارة فوق المعدل قليلا

STATION	Mean of day: Humidity % on 26th	Diff. from normal	Wet bulb temp. °C on 26th	Diff. from normal
Alexandria	73	+8	11.3	+0.5
Ezbekiya	61	-5	7.2	-1.0
Gîza	66	-3	8.7	-1.4
Helwân	58	+2	8.0	-1.0

Gîza Grass minimum on 27th 2.8 °C

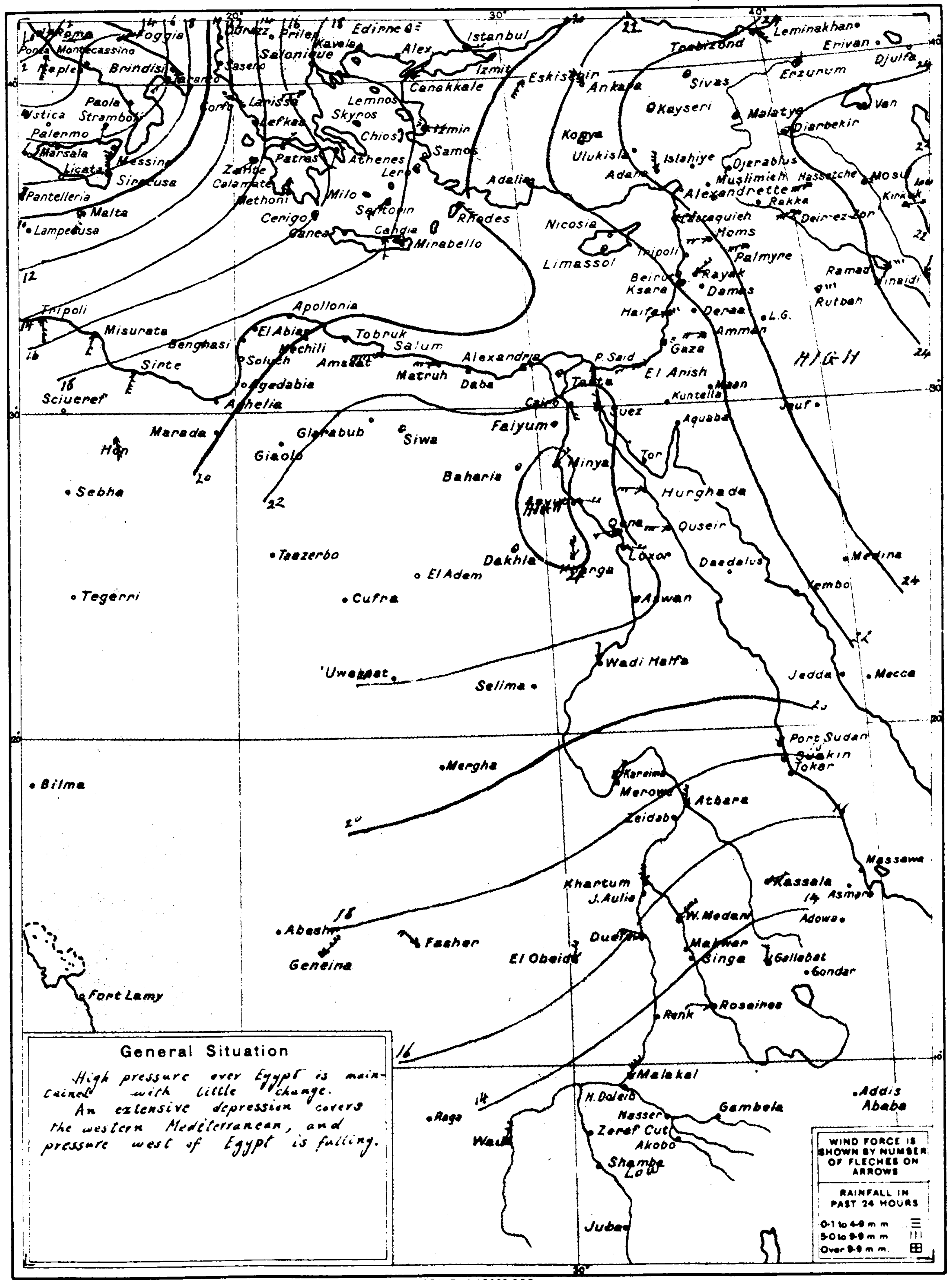
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
27-1	1100	1291
26-1	1100	1291

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26-1	13.18	-0.14	13.18	-0.14
Nâsser	26-1	5.42	-0.44	5.43	-0.45
Malakâl	27-1	10.38	-0.54	10.34	-0.56
Roseires	27-1	12.35	+0.42	12.37	+0.43
Sennâr Res.	26-1	20.70	—	20.71	—
Khartûm	26-1	10.50	-0.22	10.54	-0.21
Kh. el Girba					
'Atbara	26-1	10.28	-0.22	10.30	-0.21
Kajnarti	26-1	133.04	-0.44	133.18	-0.43
Wâdi Halfa					
Aswân Res.	27-1	120.71	—	120.71	—
,, D.S.	27-1	86.05	-0.23	86.03	-0.23
El Leisi	27-1	18.24	+0.27	18.29	+0.25
Rôda (Cairo)	27-1	14.52	[illegible]	14.54	-0.17

Printed by the Survey of Egypt, 1936. (36/530)

١٩٣٧-١-٢٧ Pressure and Wind at 8 h. 27-1-1937



General Situation

High pressure over Egypt is maintained with little change.
An extensive depression covers the western Mediterranean, and pressure west of Egypt is falling.

STATION (محطة)	At 8h. on 26-1-1937 (الساعة ٨ يوم ٢٦-١-١٩٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	
Limassol	1019	+2	NNW	1	4	—	—	—	—	—	—	2	—	—	—	0	—	284	ليماسول
Haifa	1020.2	+4.3	WSW	1	10.5	14	-4	6	-2	63	-4	4	—	—	—	2	471	477	حيفا
Gaza	1020.7	+4.2	—	0	8.6	14	-4	7	-1	78	+22	4	4	—	2	8	273	247	غزة
Ships	43146	—	42606	—	30202	—	14877												[illegible]

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

CAIRO
Time of sunrise h. m. 6 48
sunset h. m. 17 29

Month *January* 1937 ١٩٣٧ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 27th — الساعة ١٤ يوم ٢٧ | At 8 h. on Thursday 28th — الساعة ٨ يوم الخميس ٢٨

No.	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1022.8	WSW	4	19.8	35	3	6	1018.7	+0.2	S	2	12.9	20	—	8	—	43	—	1	6	Cc	1	0	82	—
131	MATRÛH	1019.4	NW	2	18.8	57	2	6	1019.2	+0.8	E	1	12.2	20	+2	10	+2	54	-24	1	6	Sc	1	0	126	109
	DIKHEILA	1021.4	W	2	18.0	84	2	8	1021.8	—	SW	1	13.6	19	—	8	—	69	—	1	8	Cs	1	0	—	—
132	ALEXANDRIA	1020.6	W	1	19.7	69	1	9	1020.0	+1.3	S	1	12.5	21	+2	11	0	67	-6	2	8	Cc	0	0	149	145
	DAMIETTA								1020.7	—	SSW	1	11.4	22	—	10	—	95	—	2	—	—	—	0	47	74
134	PORT SAÏD	1021.2	NW	3	17.5	62	3	7	1021.5	+4.5	SW	2	13.3	20	+1	11	0	80	+3	1	7	Cc	1	0	24	49
135	EL 'ARÎSH	1020.7	NNW	2	15.2	80	0	6	1021.9	—	—	0	12.8	16	—	8	—	80	—	0	6	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1021.1	+3.3	SSE	2	10.8	22	+2	9	+2	76	-8	2	4	—	1	0	43	67
137	MANSÛRA								1020.6	—	NW	1	9.5	21	+1	7	0	87	+6	2	4	—	1	0	20	29
[illegible]	TANTA								1021.2	+2.7	—	0	9.5	22	+2	6	-1	87	+4	4	4	—	1	0	23	22
[illegible]	ZAGÂZÎG								1021.8	—	SW	1	11.4	20	0	6	0	82	0	2	7	—	—	0	8	14
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1020.6	WNW	2	20.2	30	0	9	1021.4	—	ESE	1	12.8	21	—	7	—	53	—	3	7	Ci	1	0	—	—
	CAIRO EZBEKÎYA	1020.0	—	0	20.7	36	0	8	1021.1	+2.0	—	0	10.6	22	+2	7	0	74	-3	4	4	Cs	0	0	8	18
	CAIRO GÎZA	1020.0	W	1	21.9	33	0	6	1021.5	+1.9	—	0	8.7	22	+3	5	-1	89	+7	3	5	Cs	1	0	10	16
143	HELWÂN	1020.4	—	0	19.4	30	0	9	1021.8	+2.6	E	1	12.1	21	+2	9	+1	46	-21	3	6	Ci	0	0	12	18
144	SUEZ								1021.0	+2.7	N	1	11.1	20	0	9	-1	62	-12	1	—	—	—	0	10	17
	UPPER EGYPT																									
153	FAIYÛM								1021.8	+2.6	—	0	12.8	23	+3	6	0	47	-21	1	6	—	1	0	4	8
154	MINYA								1021.6	+2.2	N	2	12.9	21	+1	7	+1	47	-31	3	7	—	—	0	6	—
155	ASYÛT	1020.4	NNW	4	19.5	43	0	7	1021.2	+1.2	WNW	3	11.5	23	+3	8	+2	58	-10	3	6	Sc	0	0	0	4
156	QENA								1020.0	+1.3	ENE	1	12.0	24	+1	7	0	56	-10	4	6	Ci	1	0	dr	—
157	LUXOR								1020.0	—	ENE	1	9.4	22	—	6	—	72	—	4	6	Cu	1	0	dr	—
158	ASWÂN	1017.1	N	1	23.0	20	1	6	1019.1	+0.4	—	0	11.4	24	0	9	-1	50	-2	3	6	Cu	1	0	1	—
	WESTERN DESERT																									
148	SÎWA	1019.9	—	0	21.0	26	0	6	1019.8	+0.4	—	0	10.8	21	+1	3	-1	55	-14	0	6	—	0	0	25	4
149	BAHARÎYA	1020.7	NNW	1	20.8	31	3	9	1021.5	—	—	0	10.4	22	—	6	—	56	—	3	9	Ci	1	0	17	—
151	KHÂRGA	1019.9	N	2	20.7	66	0	9	1020.4	+1.3	—	0	13.7	21	-2	7	+1	80	+19	0	9	—	0	0	0	0
152	DÂKHLA	1020.8	E	2	21.4	26	1	8	1021.2	+1.4	—	0	11.0	22	0	7	+2	50	-2	1	8	—	1	0	dr	—
	RED SEA																									
145	TÔR																									
146	HURGHÂDA								—	—	WNW	2	15.2	21	-1	11	+1	51	-5	3	5	—	1	0	dr	0
147	QUSEIR																									
169	PORT SUDAN								1016.0	+0.6	NE	1	21.8	25	-2	17	-2	58	-7	1	—	—	—	0	42	99
	NORTH SUDAN																									
165	WÂDI HALFA								1018.7	-0.1	N	2	11.1	21	-4	8	0	63	+14	2	8	Ci,Ac	1	—	—	—
166	KAREIMA								1016.4	-0.1	N	1	13.2	26	-4	9	-3	32	-2	1	8	Ci	0	0	dr	1
167	'ATBARA								1015.6	+0.9	NNE	1	17.0	—	—	—	—	43	-13	0	—	—	—	0	5	1
168	KHARTÛM								1012.6	-1.3	ENE	5	17.0	30	-2	14	-1	34	+4	0	8	—	0	0	4	5
170	KASSALA								1013.4	-1.0	E	1	18.0	30	-4	11	-5	62	+1	1	8	Ci	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1013.4	+0.1	N	3	16.6	31	-3	13	-2	42	+8	0	—	—	—	0	56	13
173	DUEIM								—	—	NW	4	17.6	—	—	14	0	30	-1	0	—	—	—	0	21	12
182	RENK																									
172	ROSEIRES								1013.4	+1.8	WNW	2	17.1	34	-2	13	-3	51	+11	0	—	—	—	0	3	37
174	EL OBEID								1014.1	-1.5	NNE	1	13.4	27	-3	11	0	33	+2	2	8	Cc	1	0	23	19
175	EL FÂSHER								1014.4	+0.4	N	1	12.7	29	-2	9	-1	27	-4	0	—	—	—	0	0	8
	S. SUDAN																									
176	MALAKÂL								1011.1	-0.1	N	3	20.5	33	-3	15	-3	25	+2	3	7	Ci	2	0	81	93
177	WÂU								1011.4	+0.8	NW	2	21.0	35	-1	17	-1	27	-17	0	—	—	—	0	180	147
178	JÛBA								1011.8	-0.1	NW	2	25.3	38	0	21	+1	40	-12	0	9	—	—	0	131	142
179	Geneina								—	—	E	3	12.1	29	—	—	—	—	—	0	8	Cc	0	0	—	—
180	Gallabat								—	—	E	2	20.6	33	—	14	—	73	—	0	—	—	—	0	—	—

Upper Wind Observations on 28th — ارصاد الرياح العليا يوم ٢٨

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E. of N.	Kms. per hour	Matruh 07 h. 00 m. Dir.	Kms.	Dikhiela 07 h. 45 m. Dir.	Kms.	Almaza 07 h. 30 m. Dir.	Kms.	Cairo 07 h. 30 m. Dir.	Kms.	Helwan 08 h. 30 m. Dir.	Kms.	Asyut 07 h. 00 m. Dir.	Kms.	Aswan 07 h. 00 m. Dir.	Kms.	W. Halfa 06 h. 00 m. Dir.	Kms.	Ramleh (R.A.F.) 07 h. 00 m. Dir.	Kms.	Abukir (R.A.F.) 07 h. 00 m. Dir.	Kms.	Heliopolis (R.A.F.) 07 h. 00 m. Dir.	Kms.	Geneina 07 h. 00 m. Dir.	Kms.	Salum 27th 13 h. 00 m. Dir.	Kms.	h. m. Dir.	Kms.
200	220	17	220	12	230	18	350	6	10	6	50	2	—	—	—	—	30	24	170	14	230	19	0	6	—	—	260	26		
500	—	—	220	36	250	22	0	10	10	16	10	12	10	22	20	28	70	34	180	6	250	18	250	18	—	—	—	—		
1000	220	24	220	30	250	12	350	19	10	20	10	18	40	10	50	34	50	32	300	10	250	14	0	21	60	27	240	17		
1500	220	48	250	18	240	11	350	14	20	12	10	6	60	18	50	16	330	8	280	21	260	14	350	11	340	24	270	12		
2000	220	36	240	20	260	16	270	6	280	5	290	6	50	20					310	19	260	19	240	8			250	20		
3000	30	30			310	18	330	25	340	24	340	25							340	21	310	24	330	27						
4000					310	30	310	31			310	37							280	24	300	40	300	35						
5000					300	37	300	36			Sun in Ci										310	51								
6000							310	47													310	58								

Forecast for 24 hours from noon on 28th

On the coast fresh southwest winds, backing to south and strengthening.
Inland light northeasterly winds, becoming moderate southerly later.
Some high cloud, increasing.
Warmer. Further outlook: Warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٨

رياح ... جنوبية غربية ثم تصير جنوبية وتشتد على الساحل
ورياح خفيفة شمالية شرقية ثم تصير جنوبية معتدلة في الداخل
تظهر بعض السحاب العالي ثم يتكاثر
الطقس مائل الى الدفء والمستقبل كذلك

Station	Mean of day Humidity % on 27th	Diff. from normal	Wet bulb temp. °C on 27th	Diff. from normal
Alexandria	75	+10	13.3	+2.5
Ezbekiya	58	-6	9.7	-0.5
Gîza	63	-6	9.7	-0.4
Helwân	40	-16	8.9	-0.1

Gîza Grass minimum on 28th 1.4 °C

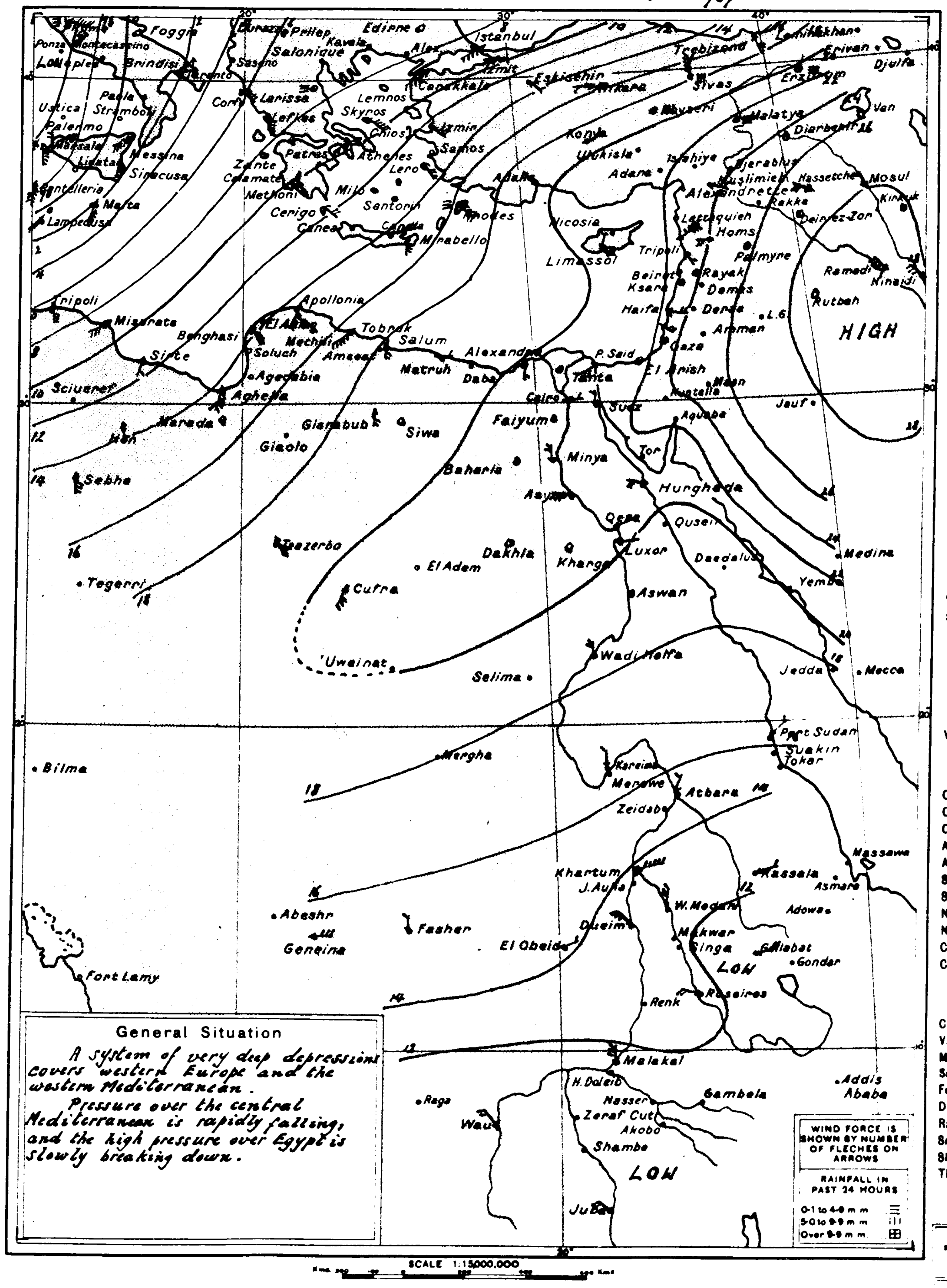
Discharges at Aswân * measured by sluices m.³ per sec.

Date	1937	1936
28.1	1098	1283
27.1	1100	1291

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28.1	13.17	-0.19	13.17	-0.20
Nâsser	27.1	5.42	-0.37	5.42	-0.41
Malakâl	28.1	10.38	-0.51	10.38	-0.54
Roseires	28.1	12.32	+0.39	12.35	+0.42
Sennâr Res.	27.1	20.70	—	20.70	—
Khartûm	27.1	10.47	-0.23	10.50	-0.22
Kh. el Girba					
'Atbara	28.1	10.24	-0.24	10.27	-0.22
Kajnarti	27.1	133.03	-0.53	133.09	-0.49
Wâdi Halfa					
Aswân Res.	28.1	120.66	—	120.71	—
″ D.S.	28.1	86.05	-0.27	86.05	-0.25
El Leisi	28.1	18.27	+0.28	18.29	+0.27
Rôda (Cairo)	28.1	14.54	-0.20	14.57	-0.20

Printed by the Survey of Egypt, 1936. (36/530)

١٩٣٧-١-٢٨ Pressure and Wind at 8 h. 28-1-1937



General Situation

A system of very deep depressions covers western Europe and the western Mediterranean.
Pressure over the central Mediterranean is rapidly falling, and the high pressure over Egypt is slowly breaking down.

At 8 h. on 27.1.37 — الساعة ٨ يوم ٢٧-١-٣٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1021	+4	—	0	7	—	—	—	—	—	—	4	—	—	—	0	—	288	ليماسول
Haifa	1020.8	+5.0	WSW	1	4.5	13	-5	7	-1	60	-6	4	—	—	—	5	502	483	حيفا
Gaza	1021.0	+4.5	—	0	11.6	14	-4	8	0	98	+22	3	5	—	6	3	296	252	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO

Time of sunrise h. 06 m. 47

sunset h. 17 m. 29

Month *January* 1937 ١٩٣٧ شهر هنابير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٧ - ١ - ٢٩ Pressure and Wind at 8 h. 29-1-1937

1417 F.C.

	STATION	At 14 h. on 28th الساعة ١٤ يوم ٢٨ Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN: SALÛM	1015.6	SW	3	21.4	32	2	6
131	MATRÛH	1016.8	SSW	2	21.9	28	3	6
	DIKHEILA	1019.7	NW	1	18.9	68	2	8
132	ALEXANDRIA	1018.8	—	0	22.5	38	1	9
	DAMIETTA							
134	PORT SAÏD	1019.4	NNE	2	20.5	58	2	6
135	EL 'ARÎSH	1019.1	NNE	3	17.2	70	0	6
136	LOWER EGYPT: DAMANHÛR							
137	MANSÛRA							
138	TANTA							
139	ZAGÂZÎG							
141	MIDDLE EGYPT: CAIRO ALMÂZA	1018.7	NNE	1	21.7	29	3	7
	CAIRO EZBEKÎYA	1018.0	NE	1	23.0	38	0	7
	CAIRO GÎZA	1017.8	N	1	23.6	34	1	6
143	CAIRO HELWÂN	1017.9	NE	1	21.9	26	2	8
144	SUEZ							
153	UPPER EGYPT: FAIYÛM							
154	MINYA							
155	ASYÛT	1017.1	WSW	2	24.5	40	2	7
156	QENA							
157	LUXOR							
158	ASWÂN	1014.7	NNE	1	24.2	32	2	6
148	WESTERN DESERT: BÎWA	1016.8	S	2	23.9	25	0	6
149	BAHARÎYA	1017.0	ESE	2	23.6	28	0	9
151	KHÂRGA	1017.1	N	3	22.4	63	0	9
152	DÂKHLA	1016.3	—	0	24.2	25	0	9
145	RED SEA: TÛR							
146	HURGHÂDA							
147	QUSEIR							
164	PORT SUDAN							
165	NORTH SUDAN: WÂDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTÛM							
170	KASSALA							
171	CENTRAL SUDAN: WAD MEDANI							
173	DUEIM							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	S. SUDAN: MALAKÂL							
177	WÂU							
178	JÛBA							
179	Qeneina							
180	Gallabat							

	STATION	At 8 h. on Friday 29th الساعة ٨ يوم الجمعة ٢٩ Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total since 1 Oct. m.m.	Normal since 1 Oct. m.m.
130	SALÛM	1012.8	-5.7	SW	6	14.3	22	—	12	—	47	—	2	6	Ci	1	0	82	—
131	MATRÛH	1015.1	-3.2	S	4	14.2	22	+4	11	+3	44	-34	4	6	Sc	2	0	126	110
	DIKHEILA	1016.8	—	SSE	3	14.1	21	—	10	—	76	—	4	6	Cs	1	0	—	—
132	ALEXANDRIA	1018.2	-0.5	S	4	13.5	24	+5	11	0	73	0	4	8	Cc	0	0	149	147
	DAMIETTA	1019.1	—	NNW	1	14.2	22	—	10	—	96	—	0	—	—	—	0	47	75
134	PORT SAÏD	1019.5	+2.5	ESE	2	16.2	21	+2	12	+1	77	+1	1	7	Cs	2	0	24	50
135	EL 'ARÎSH	1019.9	—	SSE	1	14.3	21	—	8	—	70	—	0	6	—	0	0	—	—
136	DAMANHÛR	1019.0	+1.3	SE	3	11.1	24	+4	10	+3	82	-2	3	4	—	1	0	43	68
137	MANSÛRA	1018.0	—	SE	1	10.5	23	+3	7	0	81	+1	1	6	—	1	0	20	29
138	TANTA	1019.0	+0.6	—	0	14.2	24	+4	11	+4	69	-14	1	6	—	1	0	23	22
139	ZAGÂZÎG	1019.1	—	SW	1	11.2	22	+2	6	0	77	-5	1	8	—	—	0	8	14
141	CAIRO ALMÂZA	1018.7	—	SSE	1	15.0	22	—	8	—	48	—	2	7	Ci	1	0	—	—
	CAIRO EZBEKÎYA	1018.4	-0.6	SSE	2	10.1	25	+5	8	+1	73	-4	2	—	Cc	1	0	8	18
	CAIRO GÎZA	1018.8	-0.8	SSE	2	10.2	24	+5	4	-2	87	+6	2	3	Cs	1	0	10	16
143	CAIRO HELWÂN	1019.0	-0.1	E	1	14.0	23	+4	11	+3	47	-19	1	8	Ci	1	0	12	18
144	SUEZ	1018.8	+0.5	—	0	11.4	22	+2	9	-1	77	+4	0	—	—	—	0	10	17
153	FAIYÛM	1019.0	-0.1	SSE	1	11.9	25	+5	5	-1	56	-11	1	6	—	1	0	4	8
154	MINYA	1019.8	+0.5	N	2	11.6	22	+2	7	0	68	-10	1	5	—	—	0	6	—
155	ASYÛT	1019.2	-0.8	NE	2	12.0	25	+5	6	0	65	-3	0	6	—	1	0	0	4
156	QENA	1019.1	+0.5	W	1	12.0	22	-1	7	0	56	-9	0	6	—	2	0	dr	—
157	LUXOR	1019.1	—	ESE	1	10.9	26	—	4	—	74	—	0	7	—	0	0	dr	—
158	ASWÂN	1018.2	-0.5	—	0	12.6	25	+1	10	0	62	+10	0	6	—	0	0	1	—
148	BÎWA	1017.5	-1.9	—	0	14.9	24	+4	5	+1	49	-20	0	6	—	0	0	25	4
149	BAHARÎYA	1019.2	—	—	0	11.3	24	—	5	—	51	—	0	9	—	0	0	17	—
151	KHÂRGA	1020.7	+1.6	N	1	12.8	24	+1	7	+1	70	+9	0	9	—	0	0	0	0
152	DÂKHLA	1019.5	-0.3	—	0	8.9	25	+3	5	0	48	-4	0	8	—	0	0	dr	—
145	TÛR	1019.6	+1.8	N	1	11.4	21	0	8	-1	59	0	0	6	—	2	0	3	10
146	HURGHÂDA	1018.4	+0.8	NW	3	16.5	22	0	9	-1	51	-5	0	7	—	1	0	dr	0
147	QUSEIR																		
164	PORT SUDAN	1015.9	+0.5	N	1	23.0	25	-2	17	-2	35	-30	2	—	—	—	0	42	99
165	WÂDI HALFA	1018.5	-0.2	NNE	1	11.6	21	-4	9	+1	59	+10	0	8	—	0	—	—	—
166	KAREIMA	1015.9	-0.5	—	0	14.5	27	-3	10	-2	38	+5	0	8	—	0	0	dr	1
167	'ATBARA	1015.2	+0.6	NE	1	20.0	28	-3	12	-2	28	-1	0	—	—	—	0	5	1
168	KHARTÛM	1014.9	+1.0	NE	2	16.0	33	+1	13	-2	47	+17	0	8	Ci	0	0	4	5
170	KASSALA	1013.3	+0.7	NE	1	20.2	33	-1	13	-3	81	+20	0	8	—	0	0	dr	11
171	WAD MEDANI	1013.6	+0.3	N	3	19.8	33	-1	15	0	32	-1	0	—	—	—	0	56	13
173	DUEIM	—	—	NW	3	18.2	32	-2	13	-1	30	0	0	—	—	—	0	21	12
182	RENK	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
172	ROSEIRES	1012.4	+0.8	WNW	2	19.8	35	-1	14	-2	40	0	0	—	—	—	0	3	37
174	EL OBEID	1015.0	-0.6	NNW	2	15.4	30	-1	12	+1	36	+5	1	8	Ci	1	0	23	19
175	EL FÂSHER	1016.0	+2.1	NW	1	11.8	31	0	8	-2	32	+3	0	—	—	—	0	0	8
176	MALAKÂL	1013.4	+2.2	NE	2	21.3	36	0	14	+1	24	+2	1	8	Cs	1	0	81	73
177	WÂU	1011.6	+1.1	N	2	21.0	37	+1	17	-1	38	-6	0	—	—	—	0	180	147
178	JÛBA	1011.8	+1.5	SW	2	25.0	36	-2	24	+3	61	+7	2	7	—	—	dr	131	142
179	Qeneina	—	—	ENE	3	12.0	31	—	12	—	76	—	0	8	—	0	—	—	—
180	Gallabat	—	—	—	0	21.4	36	—	14	—	60	—	0	—	—	0	—	—	—

Upper Wind Observations on 29th ارصاد الرياح العليا يوم ٢٩

Height metres above M.S.L.	Khartûm 07 h. 00 m. Dir. E. of N.	Khartûm Kms. per hour	Atbara 08 h. 00 m. Dir. E. of N.	Atbara Kms. per hour	Wâdi Halfa 07 h. 00 m. Dir. E. of N.	Wâdi Halfa Kms. per hour	Khartûm 08 h. 00 m. Dir. E. of N.	Khartûm Kms. per hour	Qeneina 07 h. 00 m. Dir. E. of N.	Qeneina Kms. per hour	Obeid 08 h. 00 m. Dir. E. of N.	Obeid Kms. per hour	Malakâl 08 h. 00 m. Dir. E. of N.	Malakâl Kms. per hour	Jûba 10 h. 00 m. Dir. E. of N.	Jûba Kms. per hour	Heliopolis 07 h. 00 m. Dir. E. of N.	Heliopolis Kms. per hour	Ramleh 07 h. 00 m. Dir. E. of N.	Ramleh Kms. per hour	Jerusalem 13 h. 00 m. Dir. E. of N.	Jerusalem Kms. per hour	h. m. Dir. E. of N.	h. m. Kms. per hour	h. m. Dir. E. of N.	h. m. Kms. per hour	h. m. Dir. E. of N.	h. m. Kms. per hour	h. m. Dir. E. of N.	h. m. Kms. per hour
200	180	30	19	12	40	18	—	—	—	—	—	—	—	—	—	—	230	16	160	6	220	22								
500	190	32	210	15	40	32	30	34	—	—	—	—	30	66	160	8	—	—	—	—	—	—								
1000	220	23	200	16	40	29	40	27	70	32	50	42	30	53	170	13	220	18	200	18	230	20								
1500	210	29	200	21	60	18	30	18	230	21	80	24	50	37	140	18	230	18	250	6										
2000	220	38	220	12	50	14	30	18	270	43	20	24	50	34	140	16														
3000	240	35	210	20			20	16			330	34			Emt.	Cu														
4000											260	31																		
5000																														
6000																														

Forecast for 24 hours from noon on.....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

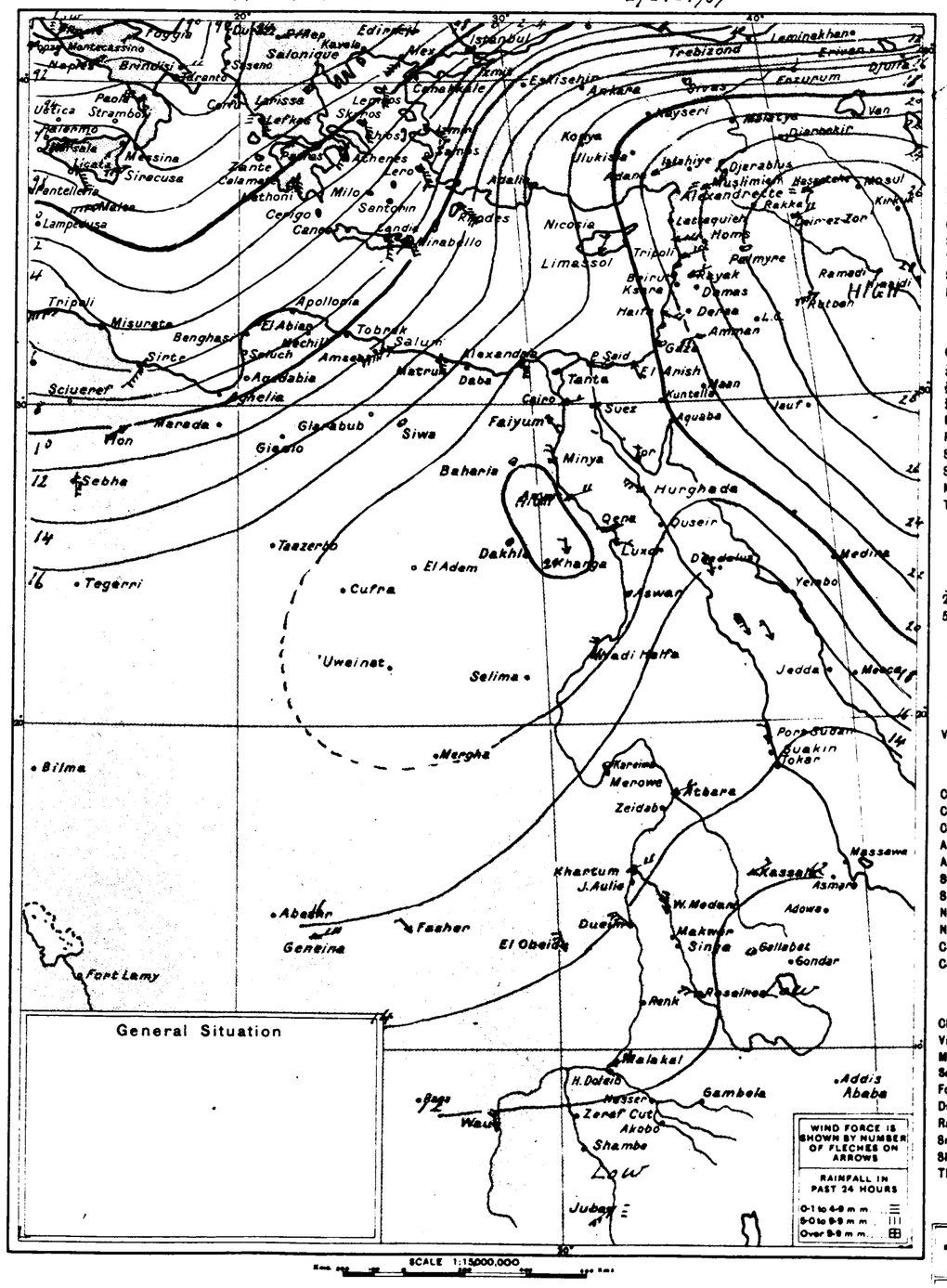
STATION	Mean of day: Humidity % on 28th	Humidity Diff. from normal	Wet Bulb Temp. °C on 28th	Wet Bulb Temp. Diff. from normal
Alexandria	57	-5	12.1	+1.3
Ezbekiya	66	0	11.7	+1.5
Giza	67	-2	11.5	+1.2
Helwân	38	-18	10.3	+1.3

Gîza Grass minimum on 29th 1.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
29-1	1101	1284
28-1	1098	1283

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29-1	13.17	-0.17	13.17	-0.19
Nâsser	29-1	5.41	-0.31	5.42	-0.33
Malakâl	29-1	10.37	-0.49	10.38	-0.51
Roseires	29-1	12.31	+0.34	12.32	+0.39
Sennâr Res.	29-1	20.70	—	20.70	—
Khartûm	29-1	10.46	-0.19	10.46	-0.21
Kh. el. Girba					
'Atbara	29-1	10.21	-0.26	10.24	-0.24
Kajnarti	29-1	132.97	-0.54	133.00	-0.53
Wâdi Halfa					
Aswân Res.	29-1	120.64	—	120.66	—
" D.S.	29-1	86.05	-0.29	86.05	-0.27
El Lisi	29-1	18.25	+0.28	18.27	+0.28
Rôda (Cairo)	29-1	14.61	-0.15	14.64	-0.20



STATION	At 8 h. on 28-1-1937 الساعة ٨ يوم ٢٨-١-٣٧ Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total since 1 Oct. m.m.	Normal since 1 Oct. m.m.	مصر
Limassol	1020	+3	NNE	1	11	—	—	—	—	—	—	4	—	—	—	Rain	—	271	لمسول
Haifa	1022.4	+6.6	ESE	2	11.3	16	-2	7	-1	74	+8	0	—	—	—	0	502	470	حيفا
Gaza	1021.5	+5.0	—	0	9.9	17	-1	8	0	91	+15	0	7	—	0	0	296	255	غزة

Printed by the Survey of Egypt, 1936. (36/530)

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible 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 FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION

Inland Post ..... P.T. 100

Abroad ..... P.T. 150

CAIRO
Time of sunrise h. 06 m. 47
" sunset h. 17 m. 30

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

Month January 1937 ١٩٣٧ شهر يناير

DAILY WEATHER REPORT

١٩٣٧-١-٣٠ Pressure and Wind at 8 h. 30-1-1937

At 14h. on 29th — الساعة ١٤ يوم ٢٩ / At 8h. on Saturday 30th — الساعة ٨ يوم السبت ٣٠

No.	Region	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1009.5	SW	5	23.9	32	7	2	1012.0	-6.5	NW	4	11.3	24	—	11	—	76	—	6	3	—	3	0	82	—
131	Mediterranean	MATRÛH	1012.6	SSW	5	23.2	26	3	6	1010.4	-7.9	WSW	2	12.8	23	+5	12	+4	49	-29	4	6	Sc	2	0	126	112
	Mediterranean	DIKHEILA	1015.1	S	3	25.2	37	3	—	1011.5	—	SSW	5	15.5	25	—	12	—	53	—	2	8	Cc	0	0	—	—
132	Mediterranean	ALEXANDRIA	1015.2	SSE	2	24.1	26	4	9	1010.6	-8.0	SSW	5	15.3	25	+6	13	+2	48	-25	3	8	Cc	0	0	149	149
	Mediterranean	DAMIETTA								1011.8	—	S	2	13.5	23	—	11	—	69	—	0	—	—	—	0	47	76
134	Mediterranean	PORT SAÏD	1015.9	ESE	3	19.5	56	2	7	1012.2	-4.7	SW	4	16.9	23	+4	13	+2	66	-10	2	7	Sc	1	0	24	51
135	Mediterranean	EL 'ARÎSH	1017.1	—	0	20.0	64	0	6	1012.7	—	SSE	2	16.0	22	—	12	—	56	—	1	6	Ci	0	0	—	—
136	Lower Egypt	DAMANHÛR								1011.6	-6.1	SSW	2	12.1	25	+5	11	+4	57	-27	1	6	—	1	0	43	69
137	Lower Egypt	MANSÛRA								1011.5	—	S	2	12.5	25	+5	10	+3	63	-17	1	6	—	1	0	20	30
	Lower Egypt	TANTA								1011.9	-6.4	SSW	3	15.0	27	+7	12	+5	58	-25	3	7	—	1	0	23	23
	Lower Egypt	ZAGÂZÎG								1012.4	—	SW	6	15.2	25	+5	9	+3	65	-17	2	8	—	—	0	8	14
	Middle Egypt (Cairo)	ALMÂZA	1016.0	SW	3	25.9	25	3	9	1013.4	—	S	4	16.7	26	—	12	—	41	—	3	7	Cc	1	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1015.6	SW	1	25.9	36	2	8	1013.0	-6.0	SSE	4	12.2	26	+6	10	+3	63	-14	2	5	Cc	1	0	8	18
	Middle Egypt (Cairo)	GÎZA	1015.4	S	1	25.5	29	3	6	1013.0	-6.6	SSW	2	11.2	26	+7	9	+3	62	-19	3	5	Cs	1	0	10	16
	Middle Egypt	HELWÂN	1015.8	SW	1	24.4	26	3	8	1013.6	-5.5	SSE	1	13.0	25	+6	11	+3	50	-16	2	8	Ci	1	0	12	18
144	Middle Egypt	SUEZ								1014.0	-4.3	SSE	2	16.6	22	+2	11	+1	73	0	1	—	—	—	0	10	17
153	Upper Egypt	FAIYÛM								1014.3	-4.8	SSW	1	12.4	28	+8	8	+2	59	-8	2	6	—	1	0	4	8
154	Upper Egypt	MINYA								1015.4	-3.8	SE	1	14.4	27	+7	9	+2	46	-32	1	6	—	—	0	6	—
155	Upper Egypt	ASYÛT	1015.6	NE	2	28.0	44	0	7	1016.4	-3.6	SE	2	11.5	30	+10	8	+2	76	+8	0	6	—	1	0	0	4
156	Upper Egypt	QENA								1016.6	-1.9	WNW	1	11.0	28	+5	6	-1	69	+4	2	6	Ci	0	0	tr	—
157	Upper Egypt	LUXOR								1016.4	—	ENE	2	10.8	28	—	6	—	69	—	3	7	—	1	0	tr	—
158	Upper Egypt	ASWÂN	1013.6	—	0	28.0	19	0	6	1015.4	-3.3	—	0	13.7	29	+5	10	0	49	-2	1	6	Ci	1	0	1	—
148	Western Desert	SÎWA	1012.8	SW	3	26.8	20	0	6	1012.8	-6.5	—	0	12.2	27	+7	4	0	34	-35	2	6	St	0	0	25	4
149	Western Desert	BAHARÎYA	1015.1	S	3	25.8	26	1	7	1014.3	—	SW	3	16.4	26	—	6	—	39	—	0	9	—	0	0	17	—
151	Western Desert	KHÂRGA	1017.2	NNW	2	25.5	47	0	9	1017.4	-1.6	—	0	11.0	27	+4	7	+1	73	+12	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1015.5	SSE	2	26.4	24	0	9	1016.8	-2.9	ENE	1	9.7	27	+5	6	+1	43	-9	0	8	—	0	0	tr	—
145	Red Sea	TÔR								1016.2	-1.6	N	1	15.0	22	+1	9	0	49	-10	0	6	—	0	0	3	10
146	Red Sea	HURGHÂDA								1015.5	-2.0	SW	1	17.5	24	+2	8	-2	60	+4	1	7	—	0	0	tr	0
147	Red Sea	QUSEIR								1016.0	-1.3	WNW	1	20.5	25	+2	14	0	56	+8	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN																									
165	North Sudan	WÂDI HALFA								1017.2	-1.6	N	2	11.1	21	-4	11	+3	63	+14	3	8	Cs	1	—	—	—
166	North Sudan	KAREIMA								1015.1	-1.3	—	0	17.5	31	+1	11	-1	34	+1	0	8	—	0	0	tr	1
167	North Sudan	'ATBARA								1014.3	-0.3	NE	2	20.0	30	-1	13	-1	55	+26	0	—	—	—	0	5	1
168	North Sudan	KHARTÛM								1013.2	-0.7	N	3	19.4	34	+2	15	0	36	+7	0	8	—	0	0	4	5
170	North Sudan	KASSALA								1013.3	+0.9	ESE	1	18.0	33	-1	14	-2	71	+10	0	8	Cs	0	0	tr	11
171	Central Sudan	WAD MEDANI								1012.8	-0.4	NE	3	20.0	35	+1	16	+1	40	+7	0	—	—	—	0	56	13
173	Central Sudan	DUEIM								—	—	NW	2	18.6	—	—	15	+1	32	+2	0	—	—	—	0	21	12
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1013.1	+1.5	WNW	2	20.3	38	+2	19	-2	43	+3	0	—	—	—	0	3	37
174	Central Sudan	EL OBEID								1013.1	-2.5	—	0	17.0	32	+1	11	0	39	+9	6	6	Ci	0	0	23	19
175	Central Sudan	EL FÂSHER								1015.4	+1.5	N	1	15.2	32	+1	11	+1	33	+2	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1012.6	+1.4	NE	1	22.9	37	+1	19	+1	28	+6	1	8	Cs	1	0	81	93
177	S. Sudan	WÂU								1011.4	+0.9	N	2	20.3	37	+1	18	0	50	+6	0	—	—	—	0	180	147
178	S. Sudan	JÛBA																									
179		Geneina								—	—	E	3	12.0	32	—	12	—	76	—	2	8	Ci,Ac	0	—	—	—
180		Gallabat								—	—	NE	1	20.5	35	—	16	—	64	—	0	—	—	—	0	—	—

Upper Wind Observations on 30th — ارصاد الرياح العليا يوم ٣٠

(Dir. E. of N. / Kms. per hour)

Height metres above M.S.L.	Salum 07h.00m. Dir.	Salum Kms.	Matruh 07h.00m. Dir.	Matruh Kms.	Dikheila 07h.45m. Dir.	Dikheila Kms.	Almaza 07h.30m. Dir.	Almaza Kms.	Cairo 08h.15m. Dir.	Cairo Kms.	Helwan 08h.30m. Dir.	Helwan Kms.	Asyut 07h.00m. Dir.	Asyut Kms.	W.Halfa 07h.00m. Dir.	W.Halfa Kms.	Kareima 07h.00m. Dir.	Kareima Kms.	Khartum 06h.00m. Dir.	Khartum Kms.	Geneina 07h.00m. Dir.	Geneina Kms.	Malakal 06h.00m. Dir.	Malakal Kms.	Ismailia 07h.00m. Dir.	Ismailia Kms.	Abukir 07h.00m. Dir.	Abukir Kms.	Ramleh 07h.00m. Dir.	Ramleh Kms.
200	310	18	290	43	230	64	190	68	190	60	190	23	—	—	30	11	—	—	—	—	—	—	—	—	200	43	230	92	190	37
500	—	—	300	32	250	67	210	77	210	77	200	52	190	22	50	18	50	42	30	31	—	—	50	34	210	60	230	85	220	26
1000	260	36	290	43	260	62	220	69	240	63	220	51	210	24	40	10	50	37	40	27	120	18	40	58	230	53	230	74	230	34
1500	250	54			250	62	240	54	240	44	230	63	210	34	190	16	110	13	30	18	230	23	110	24	230	63	260	66	230	35
2000							230	64			240	57	240	34	130	18	180	8	0	14	230	13	90	13			260	60	230	37
3000							240	64									220	13			210	27	330	8						
4000																					190	45	350	8						
5000																														
6000																														

Forecast for 24 hours from noon on 30th

Strong southwest winds, at times of gale force on the coast, becoming fresh westerly tomorrow.
Much cloud.
Possibly light showers near the coast tomorrow.
Cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٣٠
رياح جنوبية غربية شديدة تصل لدرجة العاصفة على الساحل
وتتحول الى غربية شديدة غدا
كثير السحاب - ويحتمل أن تمطر خفيفا بالقرب من الساحل بكرة
يبرد الجو غدا

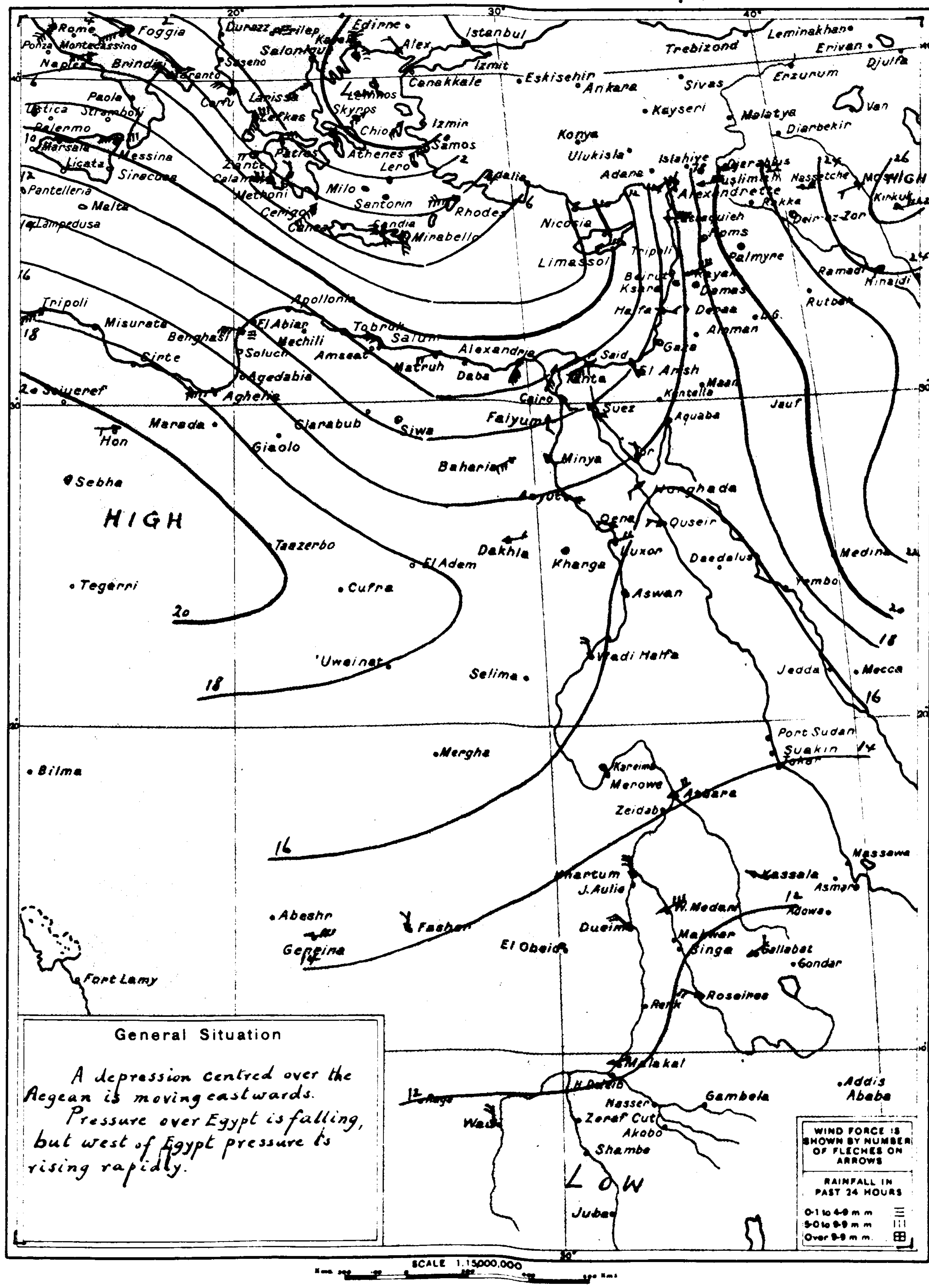
Station	Mean of day Humidity % on 29th	Humidity Diff. from normal	Wet bulb temp. °C on 29th	Wet bulb Diff. from normal
Alexandria	55	-12	12.7	+1.9
Ezbekiya	62	-4	12.3	+2.1
Gîza	69	0	12.0	+1.9
Helwân	39	-17	11.8	+2.8

Gîza Grass minimum on 30th 4.5 °C

Discharges at Aswân measured by sluices m^3 per sec.

Date	1937	1936
30.1	1101	1285
29.1	1101	1284

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29.1	13.17	-0.19	13.17	-0.19
Nâsser	29.1	5.41	-0.31	5.42	-0.33
Malakâl	30.1	10.36	-0.47	10.37	-0.49
Roseires	30.1	12.31	+0.40	12.31	+0.39
Sennâr Res.	29.1	20.70	—	20.70	—
Khartûm	29.1	10.46	-0.19	10.46	-0.21
Kh. el Girba					
'Atbara	30.1	10.19	-0.27	10.21	-0.26
Kajnarti	30.1	132.96	-0.53	132.97	-0.54
Wâdi Halfa					
Aswân Res.	30.1	120.63	—	120.64	—
" D. S.	30.1	86.05	-0.30	86.05	-0.29
El Leisi	30.1	18.20	+0.25	18.25	+0.28
Rôda (Cairo)	30.1	14.59	-0.22	14.61	-0.15



General Situation

A depression centred over the Aegean is moving eastwards.
Pressure over Egypt is falling, but west of Egypt pressure is rising rapidly.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h on 29-1-1937 — الساعة ٨ يوم ٢٩-١-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1019	+2	NNE	1	13	—	—	—	—	—	—	3	—	—	—	0	—	294	ليماسول
Haifa	1020.7	+5.0	ESE	2	14.5	19	+1	10	+2	59	-7	0	—	—	—	0	502	497	حيفا
Gaza	1019.9	+3.5	—	0	9.4	21	+3	7	-1	95	+19	0	9	—	0	0	296	258	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post . . . . P.T. 100
Abroad . . . . P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise h. m. 06 46 · sunset h. m. 17 31

Month January 1937 ١٩٣٧ شهر يناير

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

DAILY WEATHER REPORT

	STATION	At 14h. on 30th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 31st: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALŪM	1013.3	WNW	5	17.2	48	6	3	1016.4	-2.1	W	4	8.1	21	—	7	—	85	—	1	4	Cu	1	0	82	—
131	MATRŪH	1011.9	WNW	6	16.6	68	2	6	1014.2	-4.1	W	4	10.9	18	0	9	+1	82	+5	4	6	Sc	2	0	126	113
	DIKHEILA	1011.0	WNW	5	18.5	91	6	6	1015.2	—	WSW	5	14.9	20	—	13	—	92	—	6	6	Nb	5	dr	—	—
132	ALEXANDRIA	1010.0	WNW	6	19.2	75	4	6	1012.8	-5.8	W	6	15.5	20	+1	15	+4	88	+15	4	4	Cb	2	0	149	150
	DAMIETTA								1012.0	—	SW	2	11.5	24	—	10	—	92	—	0	—	—	—	0	47	77
134	PORT SAĪD	1008.4	SW	6	24.1	38	0	7	1012.4	-4.5	SW	5	13.9	25	+6	12	+1	85	+9	1	7	Cc	1	0	24	51
135	EL 'ARĪSH	1008.4	WSW	3	26.0	29	2	4	1012.0	—	WSW	4	14.0	27	—	12	—	80	—	1	5	Cb	0	0	—	—
136	LOWER EGYPT: DAMANHŪR								1013.6	-4.0	SW	3	11.7	24	+4	10	+3	91	+7	0	5	—	5	dr	43	70
[redacted]	MANSŪRA								1013.0	—	SW	2	12.5	26	+6	10	+3	89	+9	1	6	—	1	0	20	30
	TANTA								1015.2	-3.0	WSW	3	12.0	27	+7	9	+2	89	+6	0	7	—	1	0	23	23
	ZAGĀZĪG								1014.0	—	SW	5	12.8	25	+5	8	+2	82	0	0	8	—	—	0	8	14
	MIDDLE EGYPT: CAIRO ALMĀZA	1010.2	S	6	25.5	25	6	3	1015.1	—	SW	3	12.7	26	—	8	—	77	—	1	7	Cs	1	0	—	—
	CAIRO EZBEKĪYA	1009.1	SW	4	25.9	27	1	7	1015.0	-4.0	SE	3	11.5	27	+7	10	+3	78	+1	0	5	—	3	0	8	19
	CAIRO GĪZA	1009.0	SW	1	26.1	25	2	5	1015.4	-4.1	S	1	11.5	27	+8	9	+3	81	+1	0	5	—	3	0	10	17
[redacted]	HELWĀN	1009.3	SSW	4	24.4	21	1	7	1016.2	-2.8	SSE	2	10.7	26	+7	8	0	64	-2	1	5	Sc	1	0	12	19
144	SUEZ								1014.4	-3.9	WNW	2	15.5	22	+2	12	+2	65	-8	1	—	—	—	0	10	17
153	UPPER EGYPT: FAIYŪM								1016.4	-2.7	SSW	1	11.2	29	+9	8	+2	69	+2	0	6	—	1	0	4	8
154	MINYA								1018.2	-1.0	N	2	11.9	29	+9	6	-1	50	-28	0	7	—	—	0	6	—
155	ASYŪT	1012.3	NW	3	28.5	32	0	7	1017.9	-2.1	NW	3	11.0	30	+9	7	+1	63	-4	0	5	—	0	0	0	4
156	QENA								1016.2	-2.2	W	2	13.9	29	+6	9	+2	58	-7	0	6	—	0	0	dr	—
157	LUXOR								1015.9	—	—	0	15.2	31	—	10	—	58	—	0	7	—	0	0	dr	—
158	ASWĀN	1012.0	—	0	31.0	27	1	6	1016.3	-2.3	N	3	15.7	33	+9	13	+3	32	-19	2	4	Ci	3	0	1	—
148	WESTERN DESERT: SĪWA	1014.4	WNW	4	21.7	34	0	6	1019.1	-0.2	—	0	9.9	—	—	5	+1	71	+2	0	6	—	0	0	25	4
149	BAHARĪYA	1013.0	W	5	23.3	22	0	9	1018.4	—	SW	1	12.0	27	—	4	—	54	—	0	7	—	3	0	17	—
151	KHĀRGA	1012.8	SE	2	27.7	54	0	9	1018.6	-0.4	—	0	12.4	30	+7	10	+4	85	+24	0	9	—	0	0	0	0
152	DĀKHLA	1011.5	NW	3	27.2	14	0	9	1019.8	+0.1	WNW	2	10.6	28	+5	7	+2	45	-7	0	7	—	0	0	dr	—
145	RED SEA: TŌR								1014.0	-3.7	NW	4	17.2	27	+6	15	+6	41	-18	0	6	—	0	0	3	10
146	HURGHĀDA								1014.0	-3.4	WNW	3	16.5	25	+3	13	+3	58	+3	0	7	—	1	0	dr	0
147	QUSEIR								1013.4	-2.8	NNW	4	19.0	25	+2	15	+1	41	-7	0	7	—	0	0	1	7
169	PORT SUDAN																									
165	NORTH SUDAN: WĀDI HALFA								1018.1	-0.6	NW	2	10.9	21	-4	8	0	74	+25	0	6	—	0	—	—	—
166	KAREIMA								1014.3	-2.1	—	0	18.5	32	+2	14	+2	26	-7	0	8	—	0	0	dr	1
167	'ATBARA								1013.0	-1.6	N	2	19.8	32	+1	15	+1	32	+3	0	—	—	—	0	5	1
168	KHARTŪM								1012.7	-1.1	N	4	20.7	35	+3	16	+1	36	+7	0	8	Cs	0	0	4	5
170	KASSALA								1011.8	-0.6	E	1	20.3	36	+2	14	-2	64	+4	0	8	—	0	0	dr	11
171	WAD MEDANI								1011.6	-1.6	NE	3	20.0	36	+2	17	+2	28	-5	0	—	—	—	0	56	13
[redacted]	[redacted]								—	—	W	2	20.0	—	—	15	+1	34	+4	0	—	—	—	0	21	12
[redacted]	[redacted]														—		—		—							
[redacted]	[redacted]								1011.6	0.0	NNW	2	20.7	39	+3	—	—	83	+44	0	—	—	—	0	3	37
[redacted]	[redacted]								1014.7	-0.8	NNW	2	18.2	34	+3	12	+1	44	+14	2	8	Cc	1	0	23	17
[redacted]	[redacted]								1012.6	-1.2	NW	1	15.0	35	+4	10	0	34	+4	0	—	—	—	0	0	8
[redacted]	S. SUDAN: [redacted]								1010.6	-0.6	N	2	23.0	39	+3	20	+2	24	+2	2	8	Ci, Ac	2	0	81	93
177	WĀU								1009.9	-0.5	NW	1	22.0	39	+3	19	+1	62	+18	0	—	—	—	0	180	147
178	JŪBA																									
179	Geneina								—	—	NE	3	15.4	34	—	12	—	78	—	2	8	Ci	0	—	—	—
180	Gallabat								—	—	S	1	23.0	37	—	17	—	63	—	0	—	—	—	0	—	—

الساعة ١٤ يوم ٣٠ · الساعة ٨ يوم الأحد ٣١

Upper Wind Observations on 31st ارصاد الرياح العليا يوم ٣١

Height metres above M.S.L.	Salam 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Dekheila 07h.45m. Dir.	Kms.	Almaza 07h.15m. Dir.	Kms.	Cairo 08h.30m. Dir.	Kms.	Helwan 08h.45m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	W.Halfa 06h.00m. Dir.	Kms.	Kareima 07h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Salum 30th 13h.00m. Dir.	Kms.	Juba 30th 10h.45m. Dir.	Kms.
200	270	19	280	58	250	37	230	32	220	18	180	17	—	—	10	32	—	—	—	—	—	—	—	—	—	—	290	26	—	—
500	—	—	290	53			270	28	270	51	270	14	320	31	20	63	20	43	300	45	—	—	—	—	30	66	—	—	50	14
1000	320	33	End Sc				300	44	300	44	290	31	350	41	10	32	20	31	310	45	50	64	30	60	30	66	310	81	70	19
1500	300	63					310	40	300	31	Dis. behind				80	14	10	5	320	23	70	63	30	34	30	14	300	63	110	13
2000	290	78									Sc						330	23	250	39			340	16	50	5	End Cu		90	18
3000	End Cu																300	27	240	40			260	10					130	18
4000																	230	40												
5000																														
6000																														

Forecast for 24 hours from noon on 31st

On the coast fresh west to northwest winds, strong at times.

Inland, moderate to fresh winds from southwest to northwest.

Some medium cloud. Possibly light showers near the coast. Cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٣١
على الشواطئ رياح نشيطة بين غربية وشمالية غربية تشتد أحيانا على السواحل
وفي الداخل رياح بين معتدلة والنشيطة وبين جنوبية غربية وشمالية غربية
في الداخل . يظهر بعض السحاب المتوسط الارتفاع
ومن المحتمل سقوط مطر خفيف بالقرب من الساحل
هبوط درجة الحرارة

STATION	Mean of day: Humidity % on 30th	Diff. from normal	Wet Bulb Temp. °C on 30th	Diff. from normal
Alexandria	59	-6	13.4	+2.6
Ezbekiya	59	-7	12.5	+2.3
Giza	57	-12	11.7	+1.6
Helwân	53	-3	11.5	+2.5

Gîza Grass minimum on 31st 4.5 °C

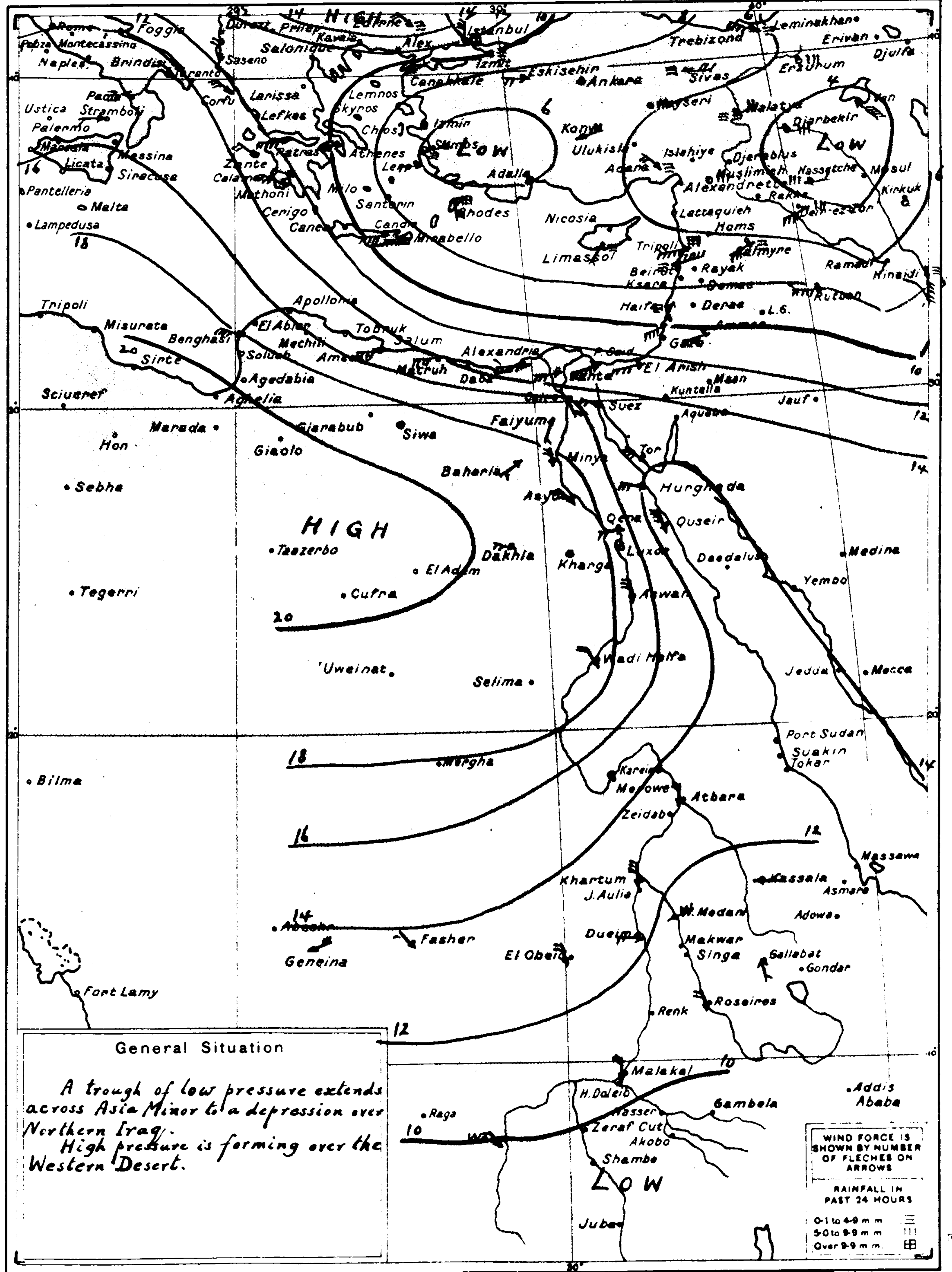
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
31.1	1100	1284
30.1	1101	1285

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day: Reading m	Diff. from normal m
Jûba	30.1	13.17	-0.19	13.17	-0.19
Nâsser ✱	30.1	5.41	-0.27	5.41	-0.31
Malakâl	31.1	10.34	-0.46	10.36	-0.47
Roseires	31.1	12.29	+0.39	12.31	+0.40
Sennâr Res.	30.1	20.70	—	20.70	—
Khartûm	30.1	10.44	-0.19	10.46	-0.19
Kh. el Girba					
'Atbara	30.1	10.19	-0.27	10.21	-0.26
Kajnarti	31.1	132.95	-0.52	132.96	-0.53
Wâdi Halfa					
Aswân Res.	31.1	120.57	—	120.63	—
·· D. S.	31.1	86.06	-0.30	86.05	-0.30
El Leisi	31.1	18.17	+0.24	18.20	+0.25
Rôda (Cairo)	31.1	14.61	-0.27	14.59	-0.22

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8 h. 31-1-1937 ١٩٣٧-١-٣١



General Situation

A trough of low pressure extends across Asia Minor to a depression over Northern Iraq.

High pressure is forming over the Western Desert.

SCALE 1:15000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h on 30-1-1937 الساعة ٨ يوم ٣٠-١-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b	Diff. from normal m.b	Wind Dir	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm. °C	Min. To day °C	Min. Diff from norm. °C	Humidity %	Humidity Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1009	-8	ENE	3	13	—	—	—	—	—	—	4	—	—	—	0	—	297	ليماسول
Haifa	1013.9	-1.8	ESE	1	15.5	22	+4	10	+2	59	-7	0	—	—	—	0	502	504	حيفا
Gaza	1013.4	-3.0	—	0	14.1	21	+3	9	+1	68	-8	0	9	—	0	0	296	261	غزة

SHIPS 73202 – 38806 – 00001 – 16877. سفن

Remarks

✱ Nasser River Gauge Reading for 16.12.36 published on 16–17.12.36 should read 7.52 instead of 7.50 M.

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO
Time of sunrise h. 06 m. 46
sunset h. 17 m. 32

Month *February* 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	Region	STATION	At 14h. on 31-1 (الساعة ١٤ يوم ٣١-١) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Monday 1st (الساعة ٨ يوم الاثنين ١) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1014.6	NW	4	18.2	57	1	5	1019.9	+1.5	WNW	3	7.9	19	—	7	—	89	—	1	5	Cu	0	0	82	—
131		MATRÛH	1011.5	WNW	7	16.8	70	2	6	1018.0	-0.2	N	2	15.7	17	-1	10	+2	67	-10	2	6	Sc	1	0	126	115
		DIKHEILA	1010.9	W	7	16.9	82	6	—	1017.2	—	NNW	6	16.2	18	—	12	—	65	—	3	7	Cu	6	1	—	—
132		ALEXANDRIA	1009.9	W	8	17.1	68	4	7	1016.0	-2.6	NNW	7	15.5	18	-1	12	+1	66	-7	2	8	Cu	6	8	157	152
		DAMIETTA								1014.8	—	NW	2	15.3	19	—	10	—	78	—	0	—	—	—	16	63	78
134		PORT SAÏD	1008.8	SW	5	17.8	74	2	7	1014.3	-2.6	SW	4	13.5	20	+1	11	0	88	+12	1	7	Cu	5	10	34	52
135		EL ʻARÎSH	1008.6	W	3	18.0	73	1	5	1013.1	—	WSW	2	13.0	19	—	10	—	89	—	1	6	Cb	6	13	—	—
136	LOWER EGYPT	DAMANHÛR								1016.2	-1.4	W	2	12.2	20	0	10	+3	87	+4	2	7	—	6	9	52	71
137		MANSÛRA								1014.6	—	W	2	12.0	20	0	10	+3	83	+3	0	7	—	8	3	23	30
138		TANTA								1015.6	-2.5	NW	3	12.5	20	0	8	+1	86	+4	0	7	—	8	6	29	23
139		ZAGÂZÎG								1016.6	—	SW	1	12.9	19	-1	9	+3	88	+6	0	8	—	—	4	12	14
141	MIDDLE EGYPT	CAIRO ALMÂZA	1011.8	WSW	5	19.9	42	—	9	1016.6	—	WSW	3	11.9	20	—	8	—	84	—	0	6	Cu	8	tr	—	—
		CAIRO EZBEKÎYA	1011.6	W	4	19.6	41	2	8	1016.6	-2.4	SW	1	11.9	21	+1	10	+3	86	+9	1	5	Cu	6	dr	8	19
		CAIRO GÎZA	1011.0	W	2	20.3	37	2	5	1016.8	-2.7	NW	1	11.9	21	+2	9	+3	89	+9	0	5	—	5	dr	10	17
143		HELWÂN	1011.4	WSW	5	19.6	28	0	7	1017.5	-1.5	—	0	10.4	20	+1	9	+1	92	+26	0	6	—	5	dr	12	19
144		SUEZ								1015.8	-2.5	NW	3	15.5	20	0	11	+1	74	+1	0	—	—	—	2	12	17
153	UPPER EGYPT	FAIYÛM								1017.6	-1.4	WNW	2	12.3	22	+1	9	+3	79	+13	0	6	—	1	0	4	8
154		MINYA								1019.1	0	NNW	3	11.7	21	+1	9	+2	78	0	0	7	—	—	0	6	—
155		ASYÛT	1015.1	WNW	4	20.5	48	0	7	1019.1	-0.8	WNW	3	10.5	21	0	6	0	69	+2	0	6	—	0	0	0	4
156		QENA								1017.9	-0.4	W	2	11.8	23	0	7	0	56	-9	0	6	—	0	0	dr	—
157		LUXOR								1017.6	—	WSW	3	13.0	22	—	10	—	57	—	0	7	—	0	0	dr	—
158		ASWÂN	1013.0	N	3	23.2	18	0	6	1018.4	-0.2	—	0	13.5	24	-1	9	-1	56	+5	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1016.4	W	3	20.1	47	0	6	1021.5	+2.3	—	0	9.1	21	+1	3	-1	83	+14	6	2	As	4	0	25	4
149		BAHARÎYA	1015.4	WNW	6	18.2	43	0	7	1020.0	—	NW	1	12.0	19	—	7	—	80	—	0	6	—	3	0	17	—
151		KHÂRGA	1015.8	N	4	21.6	62	0	9	1020.0	+1.0	NE	1	8.8	23	0	6	0	80	+19	0	9	—	0	0	0	0
152		DÂKHLA	1015.9	NNW	3	21.7	26	0	8	1020.3	+0.6	NNW	1	9.3	22	-1	6	+1	44	-7	0	7	—	0	0	dr	—
145	RED SEA	TÔR								1017.1	-0.6	NW	4	16.6	23	+2	13	+4	55	-4	1	6	—	0	0	3	10
146		HURGHÂDA								1014.8	-2.6	NW	4	16.4	22	0	13	+3	59	+4	0	9	—	1	0	dr	0
147		QUSEIR								1015.5	-1.7	WSW	2	16.0	23	0	15	+1	59	+12	0	7	—	0	0	1	7
169		PORT SUDAN								1015.4	+0.1	N	2	23.0	29	+2	19	0	68	+3	1	—	—	—	0	42	100
165	NORTH SUDAN	WÂDI HALFA								1020.0	+1.4	NW	1	11.1	22	-3	10	+2	52	+4	0	8	—	0	—	—	—
166		KAREIMA								1017.7	+1.4	NNE	1	13.8	31	+1	10	-2	29	-3	2	8	Ci	1	0	dr	1
167		ʻATBARA								1015.6	+1.1	N	5	19.3	32	+1	15	+1	22	-6	0	—	—	—	0	5	1
168		KHARTÛM								1016.4	+1.6	N	5	17.2	35	+3	14	-1	31	+2	3	8	Ci	1	0	4	5
170		KASSALA								1013.1	+0.8	NE	1	19.5	34	0	14	-2	46	-14	1	8	Ci	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI								1013.1	-0.1	N	3	18.6	35	+1	14	-1	22	-11	0	—	—	—	0	56	13
173		[illegible]								—	—	NW	4	19.6	35	+1	16	+2	20	-10	1	—	—	—	0	21	12
182		[illegible]																									
172		[illegible]								1012.2	+0.7	WNW	2	21.8	38	+2	14	-2	36	-3	0	—	—	—	0	3	37
174		[illegible]								1013.8	-1.6	N	2	16.5	33	+2	13	+2	45	+15	2	7	Cc	0	0	23	19
175		[illegible]								1016.3	+2.5	NW	2	16.0	35	+4	13	+3	36	+6	0	—	—	—	0	0	8
176	S. SUDAN	MALAKAL								1011.9	+0.7	NE	2	21.7	39	+3	19	+1	29	+7	4	8	Ci Ac	2	0	81	93
177		WÂU								1010.2	-0.2	SW	1	24.0	39	+3	21	+3	46	+2	3	—	—	—	0	180	147
178		JÛBA																									
179		Geneina								—	—	NE	4	15.6	35	—	16	—	69	—	6	4	Cu	—	—	—	—
180		Gallabat								—	—	—	0	22.3	36	—	15	—	58	—	0	—	—	—	0	—	—

Upper Wind Observations on 1st — ارصاد الرياح العليا يوم ١

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Dikheila 07h.45m. Dir.	Kms.	Almaza 07h.[illegible]m. Dir.	Kms.	Cairo 06h.00m. Dir.	Kms.	Helwan 07h.00m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 06h.00m. Dir.	Kms.	Kareima 07h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Salum 31st 13h.00m. Dir.	Kms.	Ismailia 07h.00m. Dir.	Kms.
200	290	13	350	28	320	12	300	20	—	—	210	6	—	—	—	—	20	21	—	—	—	—	—	—	—	—	290	22	300	53
500		—	340	29	330	44	320	38	320	28	320	31	340	43	340	30	20	43	30	53	—	—	—	—	30	63	—	—	310	50
1000	10	22	340	38	330	50	320	37	330	31	320	44	350	37	340	38	10	40	40	45	50	64	30	64	30	69	300	53	310	43
1500	350	31	330	37			330	42			Ent Cu				340	50	0	40	30	35	80	39	50	40	50	47	Ent Cu			
2000	340	30															350	40	20	27	160	32	10	24						
3000	Ent Cu																320	48	300	24	210	31	260	26						
4000																					10	47	250	43						
5000																														
6000																														

Forecast for 24 hours from noon on 1st

Northwesterly winds, on the coast fresh to strong, inland, fresh; moderating tomorrow and becoming northerly.
Much low cloud at times.
Light scattered showers.
Slightly cooler tomorrow, but less unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١
رياح شمالية غربية نابية الشديدة نوعا والمعتدلة نوعا على السواحل، ومعتدلة نوعا في الداخل تقل سرعتها غدا وتتحول الى الشمال
يكثر السحاب المنخفض في بعض الأوقات ونزول مطر خفيف
في أماكن متفرقة
يبرد الطقس قليلا غدا ولكنه يكون أقل اضطرابا

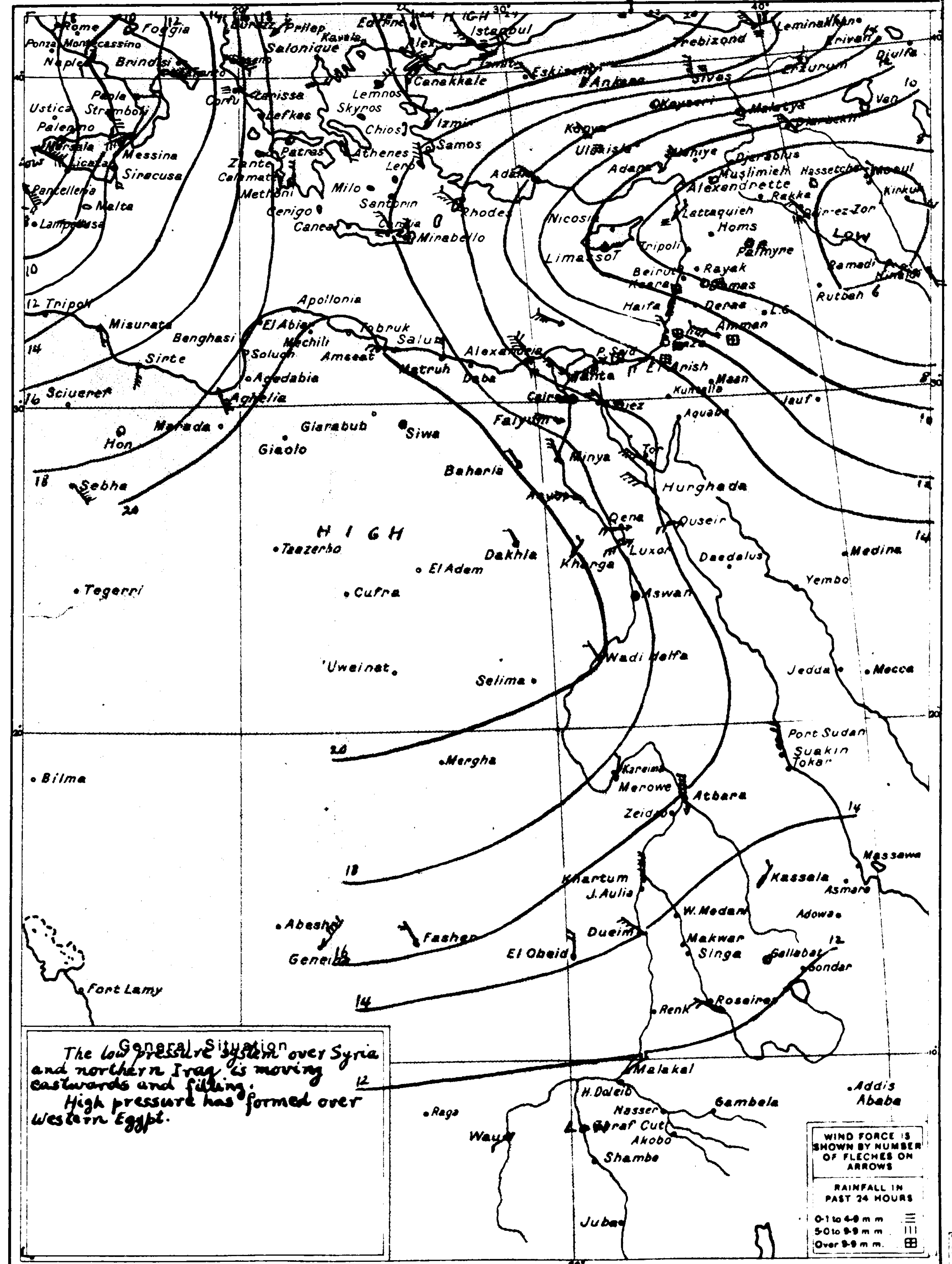
STATION	Mean of day Humidity % on 31-1	Diff. from normal	Wet Bulb Temp. °C on 31-1	Diff. from normal
Alexandria	8[illegible]	[illegible]	13.4	+2.6
Ezbekiya	[illegible]	[illegible]	[illegible]	+1.5
Giza	[illegible]	[illegible]	[illegible]3	[illegible]
Helwân	[illegible]	[illegible]	[illegible]	[illegible]4.1
Giza Grass [illegible]	[illegible]	[illegible]	5.0 °C	

[illegible]n … [illegible]ices

	[illegible]37	1936
[illegible]	[illegible]100	1284
[illegible]	[illegible]1130	1284

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1.2	13.16	-0.17	13.17	-0.19
Nâṣṣer	31.1	x 5.39	-0.25	5.41	-0.27
Malakâl	1.2	10.34	-0.44	10.34	-0.46
Roṣeireṣ	1.2	12.28	+0.40	12.29	+0.39
Sennâr Res.	31.1	20.69	—	20.70	—
Kharṭûm	1.2	10.41	-0.17	10.44	-0.17
Kh. el Girba					
ʻAṭbara	1.2	10.16	-0.29	10.18	-0.27
Kajnarti	1.2	132.89	-0.53	132.95	-0.52
Wâdi Halfa					
Aswân Res.	1.2	120.55	—	120.57	—
,, D. S.	1.2	86.04	-0.34	86.06	-0.30
El Leisi	1.2	18.15	+0.23	18.17	+0.24
Rôda (Cairo)	1.2	14.72	-0.23	14.61	-0.27

١٩٣٧-٢-١ Pressure and Wind at 8 h. 1-2-1937



General Situation

The low pressure system over Syria and northern Iraq is moving eastwards and filling.
High pressure has formed over Western Egypt.

STATION	At 8h. on 31-1-1937 (الساعة ٨ يوم ٣١-١-١٩٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	
Limassol	1005	-12	SW	1	12	—	—	—	—	—	—	2	—	—	—	Rain	—	301	ليماسول
Haifa	1008.6	-7.0	SSW	2	17.0	22	+4	10	+2	79	+13	2	—	—	—	4	506	510	حيفا
Gaza	1011.8	-4.6	SW	9	15.0	26	+8	11	+3	85	+9	4	4	—	2	0	296	264	غزة
Ships	23320	—	3070b	—	26601	—	15960	—	67782	—	x7200								

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumul[illegible]	Cu
Cumulo[illegible]	[illegible]

[illegible]

Clea[illegible]	[illegible]
Vari[illegible]	[illegible]
Mainly overcast	[illegible]
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

x Nasser River Gauge Reading for 8.1.37 published on 8-[illegible] should read 5.45 instead of 5.85M.

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO
Time of sunrise h. m. 06.45
sunset h. m. 17.33

Month *February* 1937 ١٩٣٧ شهر فبراير

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

DAILY WEATHER REPORT

At 14h. on 1st (الساعة ١٤ يوم ١)

No.	Region	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	Mediterranean	SALÛM	1019.6	NE	1	16.4	58	1	6
131	Mediterranean	MATRÛH	1018.6	NNW	3	16.9	63	2	6
	Mediterranean	DIKHEILA							
132	Mediterranean	ALEXANDRIA	1017.2	NNW	5	18.4	60	0	9
	Mediterranean	DAMIETTA							
134	Mediterranean	PORT SAÏD	1015.2	NW	5	18.5	56	2	8
135	Mediterranean	EL 'ARÎSH	1013.5	WSW	3	17.0	80	0	6
136	Lower Egypt	DAMANHÛR							
137	Lower Egypt	MANSÛRA							
138	Lower Egypt	TANTA							
139	Lower Egypt	ZAGÂZÎG							
141	Middle Egypt	CAIRO ALMÂZA	1016.6	NW	4	18.8	41	3	9
	Middle Egypt	CAIRO EZBEKÎYA	1016.4	WNW	2	19.8	49	2	7
	Middle Egypt	CAIRO GÎZA	1016.2	NW	2	19.9	43	1	5
143	Middle Egypt	HELWÂN	1016.4	NW	3	18.1	43	0	7
144	Middle Egypt	SUEZ							
153	Upper Egypt	FAIYÛM							
154	Upper Egypt	MINYA							
155	Upper Egypt	ASYÛT	1017.6	WNW	3	20.0	52	0	7
156	Upper Egypt	QENA							
157	Upper Egypt	LUXOR							
158	Upper Egypt	ASWÂN	1016.6	NNW	3	21.6	24	0	6
148	Western Desert	SÎWA	1018.8	—	0	20.3	53	0	6
149	Western Desert	BAHARÎYA	1017.9	N	2	20.2	48	0	9
151	Western Desert	KHÂRGA	1017.9	N	2	20.4	64	0	9
152	Western Desert	DÂKHLA	1019.0	NNE	1	21.0	27	0	9
145	Red Sea	TÔR							
146	Red Sea	HURGHÂDA							
147	Red Sea	QUSEIR							
169	Red Sea	PORT SUDAN	1014.4	NE	4	—	—	—	—
165	North Sudan	WÂDI HALFA	1017.7	NNW	2	21	—	3	8
166	North Sudan	KAREIMA	1014.3	N	3	26	—	2	8
167	North Sudan	'ATBARA	1011.1	W	2	22.0	—	0	—
168	North Sudan	KHARTÛM	1010.2	N	5	31	—	1	7
170	North Sudan	KASSALA	1007.2	ENE	2	33	—	3	9
171	Central Sudan	WAD MEDANI	1010.2	N	3	31.0	—	0	—
173	Central Sudan	DUEIM							
182	Central Sudan	RENK							
172	Central Sudan	ROSEIRES							
174	Central Sudan	EL OBEID	1010.9	NE	3	29	—	4	8
175	Central Sudan	EL FÂSHER	1008.4	NE	2	31.0	—	0	—
176	S. Sudan	MALAKÂL	1006.6	NNE	2	36	—	3	8
177	S. Sudan	WÂU	1005.4	S	3	35	—	1	—
178	S. Sudan	JÛBA	1008.0	SW	3	28.0	—	2	—
179		Geneina	—	NE	4	30	—	1	7
180		Gallabat	1005.9	N	2	34.7	—	0	—

At 8h. on Tuesday 2nd (الساعة ٨ يوم الثلاثاء ٢)

No.	Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	1018.3	-0.1	S	2	12.8	18	—	8	—	50	—	3	5	Ci	0	0	82	[illegible]
131	MATRÛH	1018.6	+0.4	S	2	16.3	18	0	8	0	74	-3	2	6	Sc	1	0	126	116
	DIKHEILA																		
132	ALEXANDRIA	1020.2	+1.7	—	0	13.5	19	0	12	+1	79	+6	0	6	—	0	0	157	153
	DAMIETTA	1020.0	—	S	1	9.0	20	—	7	—	89	—	1	—	—	—	0	63	79
134	PORT SAÏD	1020.4	+3.6	SW	5	12.5	19	0	11	0	90	+14	2	6	Cb	1	0	34	52
135	EL 'ARÎSH	1019.8	—	WSW	2	13.2	17	—	10	—	85	—	1	6	Cb	0	0	—	—
136	DAMANHÛR	1020.7	+3.2	SSW	1	9.6	19	-1	7	0	92	+9	0	4	—	1	0	52	72
137	MANSÛRA	1020.6	—	NW	1	7.4	20	0	5	-2	94	+14	0	7	—	4	0	23	30
138	TANTA	1020.3	+2.3	—	0	8.0	20	0	5	-2	98	+16	0	7	—	1	0	29	23
139	ZAGÂZÎG	1021.1	—	SW	1	9.6	20	0	3	-3	94	+13	2	7	—	—	0	12	14
141	CAIRO ALMÂZA	1020.8	—	SE	1	11.4	19	—	4	—	77	—	0	7	St	1	0	—	—
	CAIRO EZBEKÎYA	1020.6	+1.7	S	1	9.2	21	+1	7	0	87	+10	1	5	Ci	0	0	8	19
	CAIRO GÎZA	1020.7	+1.3	SE	1	8.8	20	0	3	-3	96	+16	2	5	Cs	1	0	10	17
143	HELWÂN	1020.8	+1.8	NE	2	9.1	19	0	7	-1	86	+20	0	7	—	0	0	12	19
144	SUEZ	1020.7	+2.4	NE	1	11.5	20	0	9	—	70	-3	2	—	—	—	0	12	17
153	FAIYÛM	1021.4	+2.4	NNW	1	9.9	22	+1	5	-1	82	+16	0	6	—	0	0	4	8
154	MINYA	1021.8	+2.8	N	2	12.6	20	0	5	-2	63	-14	0	5	—	—	0	6	—
155	ASYÛT	1021.0	+1.1	NNE	2	10.0	22	+1	6	0	74	+7	0	5	—	0	0	0	4
156	QENA	1020.2	+1.9	NNW	1	10.0	24	+1	6	-1	68	+3	0	6	—	0	0	dr.	—
157	LUXOR	1019.8	—	—	0	11.3	23	—	5	—	71	—	0	7	—	0	0	dr.	—
158	ASWÂN	1019.6	+1.1	—	0	10.3	23	-2	8	-2	67	+16	0	6	—	0	0	1	
148	SÎWA	1020.8	+1.6	—	0	7.9	22	+2	1	-3	55	-14	0	6	—	0	0	25	4
149	BAHARÎYA	1021.1	—	—	0	10.8	21	—	3	—	69	—	0	9	—	0	0	17	—
151	KHÂRGA	1020.7	+1.7	—	0	11.2	21	-2	4	-2	83	+22	0	9	—	0	0	0	0
152	DÂKHLA	1021.4	+1.8	—	0	6.6	22	-1	3	-2	57	+6	0	9	—	0	0	dr.	—
145	TÔR	1019.6	+2.0	NE	1	12.2	21	0	8	-1	59	0	0	9	—	1	0	3	10
146	HURGHÂDA	1020.6	+3.3	WNW	4	15.2	21	-1	10	0	64	+9	0	7	—	0	0	dr.	0
147	QUSEIR	1019.2	+2.1	WSW	2	17.9	24	+1	13	-1	65	+18	0	7	—	0	0	1	7
169	PORT SUDAN																		
165	WÂDI HALFA	1019.1	+0.5	—	0	11.2	22	-3	8	0	52	+4	0	8	Cs	0	0	—	—
166	KAREIMA	1016.7	+0.4	N	1	15.0	27	-3	10	-2	29	-3	0	8	—	0	0	dr.	1
167	'ATBARA																		
168	KHARTÛM	1014.8	+1.0	NNW	4	—	—	—	13	—	—	—	4	8	Cs	1	0	4	5
170	KASSALA	1013.5	+1.2	NE	1	19.1	33	-1	13	-3	63	+3	2	8	Ci	0	0	dr.	11
171	WAD MEDANI	1013.4	+0.2	NE	3	18.2	32	-2	14	-1	15	-17	0	—	—	—	0	56	13
173	DUEIM	—	—	NNW	4	18.4	34	0	14	0	14	-15	0	—	—	—	0	21	12
182	RENK																		
172	ROSEIRES	1012.4	+0.9	WNW	2	19.8	37	+1	13	-3	36	-3	0	—	—	—	0	3	37
174	EL OBEID																		
175	EL FÂSHER	1015.5	+1.7	NW	1	15.0	32	+1	12	+2	25	-5	0	—	—	—	0	0	8
176	MALAKÂL	1013.1	+1.5	N	2	21.9	37	+1	17	-1	19	-2	2	7	Ci	1	0	81	93
177	WÂU	1012.2	+1.8	NNW	1	22.0	35	-1	19	+1	58	+14	1	—	—	—	0	180	147
178	JÛBA																		
179	Geneina	—	—	ENE	3	12.2	34	—	16	—	33	—	1	8	Ci	0	0	—	—
180	Gallabat	—	—	SSE	1	20.5	35	—	16	—	64	—	0	—	—	—	0	—	—

Upper Wind Observations on 2nd (ارصاد الرياح العليا يوم ٢)

Dir. = E. of N.; Kms = Kms per hour

Height metres above M.S.L.	Salum 07h.00m. Dir.	Salum Kms	Matruh 07h.00m. Dir.	Matruh Kms	Almaza 07h30m. Dir.	Almaza Kms	Cairo 08h.15m. Dir.	Cairo Kms	Helwan 08h30m. Dir.	Helwan Kms	Asyut 07h00m. Dir.	Asyut Kms	Aswan 07h00m. Dir.	Aswan Kms	W.Halfa 06h.00m. Dir.	W.Halfa Kms	Khartum 07h.00m. Dir.	Khartum Kms	Geneina 07h00m. Dir.	Geneina Kms	Malakal 06h.30m. Dir.	Malakal Kms	Juba 07h00m. Dir.	Juba Kms	Abukir R.A.F. 07h00m. Dir.	Abukir Kms	Heliopolis R.A.F. 07h00m. Dir.	Heliopolis Kms	Ramleh R.A.F. Dir.	Ramleh Kms
200	180	9	200	32	230	5	130	7	70	5	—	—	—	—	40	18	—	—	—	—	—	—	—	—	330	8	40	8	230	13
500	—	—	220	23	50	26	30	15	30	14	30	16	340	28	60	27	20	48	—	—	20	63	240	24	330	14	10	21	310	16
1000	190	20	230	6	300	19	310	21	290	16	340	20	350	31	60	27	20	43	90	29	30	55	250	21	310	27	310	14	280	21
1500	200	23	230	14	290	17	320	22	320	19	200	2	290	24	50	39	70	8	150	32	50	32	260	18	290	31	300	21		
2000	270	11	220	10	300	30	310	26	300	22	230	13			10	8	100	10	190	23			230	21	300	35	300	34		
3000	300	32	270	28	300	55			290	44									210	23					300	40	300	60		
4000					290	57			290	44															290	58	290	53		
5000																									290	58				
6000																														

Forecast for 24 hours from noon on 2nd

On the coast moderate westerly winds, backing tomorrow to south and freshening.
Inland light variable winds chiefly northeast, becoming southeast later.
Clear at first, high cloud developing.
Slightly warmer tomorrow.
Further outlook: Changeable

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢
رياح معتدلة غربية على الساحل تتحول باكر إلى جنوبية وتشتد نوعا
ورياح خفيفة مختلفة الاتجاه ولكن أكثرها شمالية شرقية ثم تتحول
إلى جنوبية شرقية في الداخل
السماء صحو في المبدأ ثم تظهر السحاب العالي
ترتفع درجة الحرارة قليلا باكر
وفيما بعد سيكون الطقس متقلبا

Station	Mean of day: Humidity % on 1-2	Humidity Diff from normal	Wet Bulb Temp. °C on 1-2	Wet Bulb Diff from normal
Alexandria	67	+2	12.8	+1.9
Ezbekiya	72	+7	12.0	+1.7
Giza	77	+7	11.5	+1.4
Helwân	67	+12	10.6	+1.5

Giza Grass minimum on 2nd 0.0 °C

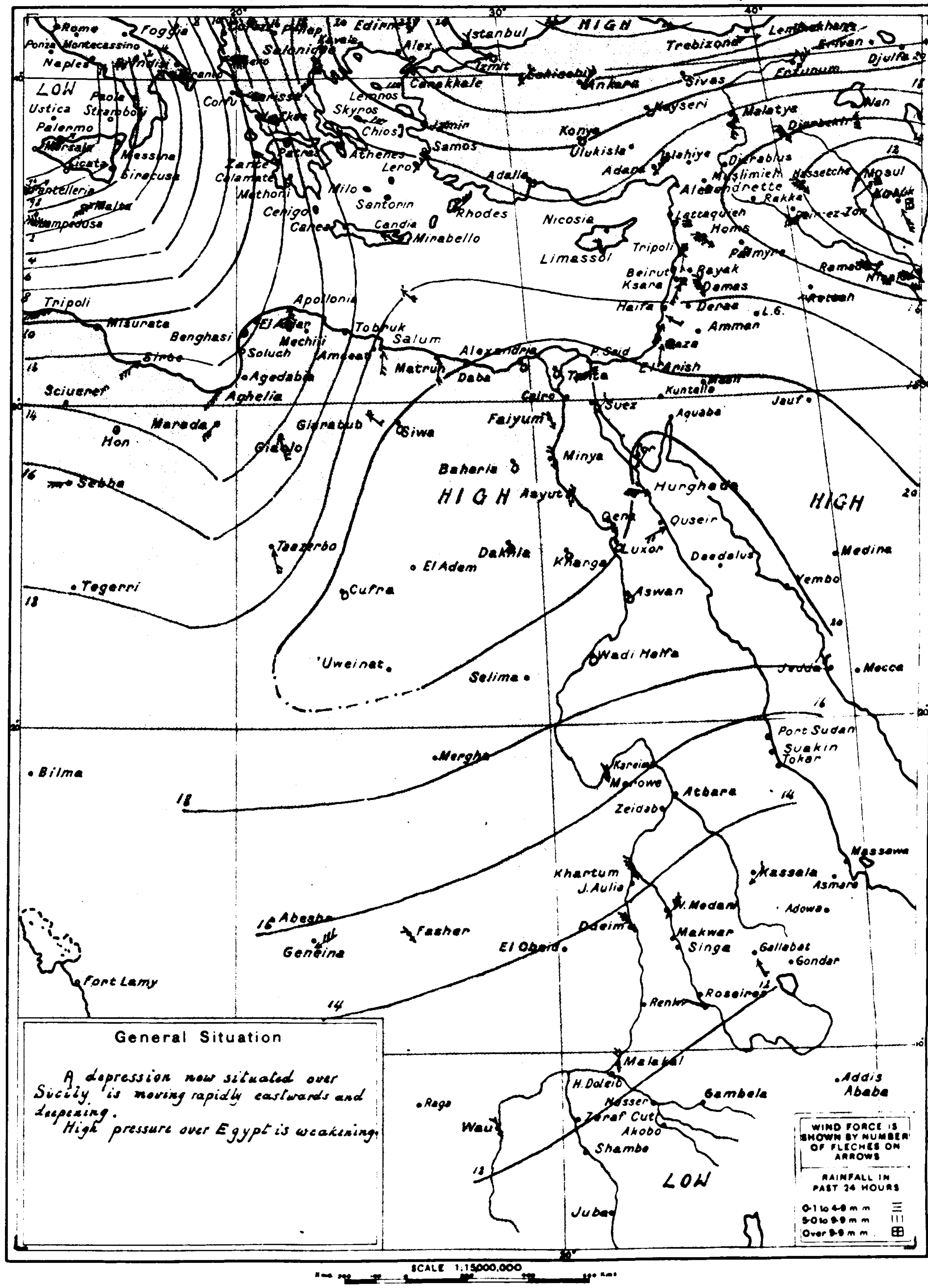
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
2-2	1097	1284
1-2	1100	1284

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1-2	13.18	-0.17	13.17	-0.19
Nâsser	1-2	5.37	-0.23	5.39	-0.26
Malakâl	2-2	10.33	-0.43	10.34	-0.44
Roseires	2-2	12.28	+0.42	12.28	+0.40
Sennâr Res.	1-2	20.69	—	20.69	—
Khartûm	1-2	10.41	-0.17	10.44	-0.17
Kh. el Girba					
'Atbara	1-2	10.16	-0.29	10.18	-0.27
Kajnarti	1-2	132.89	-0.53	132.95	-0.52
Wâdi Halfa					
Aswân Res.	2-2	120.51	—	120.55	—
" D.S.	2-2	86.04	-0.34	86.04	-0.34
El Leisi	2-2	18.10	+0.20	18.15	+0.23
Rôda (Cairo)	2-2	14.79	-0.24	14.72	-0.23

Printed by the Survey of Egypt, 1936. (36/530)

١٩٣٧-٢-٢ Pressure and Wind at 8h. 2-2-1937



General Situation

A depression now situated over Sicily is moving rapidly eastwards and deepening.
High pressure over Egypt is weakening.

WIND VELOCITY (K.P.H. — Force)

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

PRESENT WEATHER

- Clear — 0
- ¼ Clouded — 1
- ½ Clouded — 2
- ¾ Clouded — 3
- Entirely clouded — 4
- Raining — 5
- Sand haze — 6
- Sand storm — 7
- Mist or Fog — 8
- Thunderstorm — 9

VISIBILITY — Objects not visible at

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

CLOUD FORM

- Cirrus — Ci
- Cirro-cumulus — Cc
- Cirro-stratus — Cs
- Alto-stratus — As
- Alto-cumulus — Ac
- Strato-cumulus — Sc
- Stratus — St
- Nimbus — Nb
- Nimbo-stratus — Ns
- Cumulus — Cu
- Cumulo-nimbus — Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 1-2-1937 (الساعة ٨ يوم ١٩٣٧-٢-١)

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.		مرصد
Limasol	1009	-8	—	0	10	—	—	—	—	—	—	0	—	—	—	[illegible]	—	307	—	ليماسول
Haifa	1010.6	-4.9	SSW	2	15.4	19	+1	10	+2	59	-7	4	—	—	—	25	527	517		حيفا
Gaza	1012.4	-4.0	—	0	13.1	20	+2	10	+2	76	0	2	6	—	2	60	356	267		غزة

Remarks

4. El Rôda River Gauge Reading for 28.1.37 published on [illegible]-1-37 should read 14.57 instead of 14.54 M.

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. m. 06 44
sunset h. m. 17 34

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *February* 1937 ١٩٣٧ شهر فبراير

No.		STATION	14h on 2nd: Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h on Wednesday 3rd: Bar. Pressure Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1016.4	S	2	19.9	24	3	6	1014.0	-4.4	SW	4	12.3	20	—	12	—	36	—	1	5	Cc	1	0	82	—
131		MATRÛH	1017.4	S	3	20.0	34	3	6	1015.2	-3.0	SE	4	10.0	20	+2	9	+1	62	-15	0	6	Sc	1	0	126	117
		DIKHEILA	1019.9	SSE	2	20.0	53	4	—	1019.9	—	SE	4	11.0	20	—	9	—	87	—	6	7	—	0	0	—	—
132		ALEXANDRIA	1018.7	SE	1	19.8	53	4	9	1020.0	+1.5	SE	5	11.0	21	+2	10	-1	81	+8	0	8	—	0	0	157	154
		DAMIETTA								1019.5	—	SE	2	13.8	21	—	8	—	86	—	0	—	—	—	0	63	79
134		PORT SAÏD	1019.9	SW	2	20.0	52	0	7	1020.2	+3.4	SE	3	15.2	21	+2	13	+2	76	0	0	8	—	0	0	34	53
135		EL 'ARÎSH	1019.9	NNW	2	16.6	73	0	6	1020.0	—	SE	1	11.2	16	—	7	—	85	—	0	6	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1019.5	+2.1	ENE	1	8.1	21	+1	8	+1	92	+9	0	5	—	1	0	52	72
137		MANSÛRA								1019.4	—	E	1	10.2	21	+1	6	-1	82	+2	0	7	—	1	0	23	31
138		TANTA								1019.2	+1.3	—	0	9.5	22	+2	6	-1	80	-2	0	7	—	1	0	29	24
139		ZAGÂZÎG								1019.5	—	ESE	2	11.6	20	0	6	0	82	+1	2	7	—	—	0	12	15
141	MIDDLE EGYPT	CAIRO ALMÂZA	1019.4	NE	1	18.8	43	2	9	1019.4	—	—	0	11.1	21	—	5	—	60	—	6	5	—	1	0	—	—
		CAIRO EZBEKÎYA	1018.6	W	1	19.9	47	1	7	1018.6	-0.3	S	1	8.7	21	+1	6	-1	64	-13	0	4	Ci	0	0	8	19
		CAIRO GÎZA	1018.6	NNE	1	20.5	45	2	5	1019.1	-0.3	—	0	6.6	22	+2	2	-4	91	+12	1	5	St	1	0	10	17
143		HELWÂN	1018.8	W	1	19.0	38	0	7	1019.2	+0.3	—	0	9.2	20	+1	7	-1	58	-8	0	7	—	0	0	12	19
144		SUEZ								1019.9	+1.7	N	1	10.0	19	-1	8	-2	62	-11	0	—	—	—	0	12	17
153	UPPER EGYPT	FAIYÛM								1019.2	+0.2	—	0	9.3	23	+2	4	-2	66	0	0	6	—	0	0	4	8
154		MINYA								1019.6	+0.6	ENE	2	11.5	22	+1	4	-3	48	-29	0	8	—	—	0	6	—
155		ASYUT	1018.3	NNW	2	21.0	45	0	7	1019.4	-0.4	SE	2	8.2	25	+4	4	-2	63	-4	0	5	—	0	0	0	4
156		QENA								1019.2	+1.0	WNW	1	11.2	25	+1	6	-1	52	-13	0	6	—	0	0	dr	—
157		LUXOR								1018.7	—	—	0	8.8	26	—	4	—	72	—	0	7	—	0	0	dr	—
158		ASWÂN	1015.2	NW	1	25.2	25	0	6	1018.2	-0.3	NNE	1	12.9	27	+2	10	0	65	+15	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1017.5	SE	2	22.1	30	0	6	1014.3	-4.8	—	0	10.2	22	+2	3	-1	50	-19	0	6	—	0	0	25	4
149		BAHARÎYA	1017.8	SSE	1	21.6	44	3	9	1018.2	—	E	1	12.8	22	—	5	—	51	—	0	9	—	0	0	17	—
151		KHÂRGA	1015.4	N	1	21.6	63	0	9	1018.6	-0.3	—	0	13.9	22	-1	6	0	77	+17	0	9	—	0	0	0	0
152		DÂKHLA	1017.2	SSE	1	22.2	27	0	9	1019.4	-0.1	—	0	8.7	24	+1	5	0	49	-2	0	9	—	0	0	dr	—
145	RED SEA	TÔR								1019.5	+1.9	E	2	8.2	19	-2	6	-3	57	-2	0	6	—	0	0	3	10
146		HURGHÂDA								1019.1	+1.9	WSW	3	14.0	21	-1	7	-3	39	-16	0	7	—	0	0	dr	0
147		QUSEIR								1019.0	+2.0	WSW	2	18.5	23	0	13	-1	58	+11	0	7	—	0	0	1	7
169		PORT SUDAN								1017.1	+1.8	NW	1	22.0	25	-2	18	-1	58	-6	3	—	—	—	0	42	100
165	NORTH SUDAN	WÂDI HALFA	1016.0	N	1	21	—	0	8	1018.8	+0.3	—	0	10.1	23	-2	7	-1	62	+14	0	8	—	0	—	—	—
166		KAREIMA	1013.5	—	0	29	—	0	8	1015.7	-0.5	—	0	16.3	30	0	13	+1	34	+2	0	8	—	0	0	dr	1
167		'ATBARA																									
168		KHARTÛM								1014.7	+1.0	N	4	18.0	35	+2	14	-1	40	+12	0	8	Cs	0	0	4	5
170		KASSALA	1006.6	SW	2	34	—	2	8	1013.4	+1.1	ENE	1	22.0	35	0	15	-1	58	-2	0	9	Ci	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI	1016.7	NNW	3	29	—	2	8	1013.3	+0.2	NW	3	19.9	34	0	15	0	41	+9	0	—	—	—	0	56	13
173		DUEIM								—	-	N	3	21.4	35	+1	17	+3	13	-16	0	—	—	—	0	21	12
182		RENK																									
172		ROSEIRES								1012.8	+1.4	WNW	2	20.8	38	+2	13	-3	38	-1	0	—	—	—	0	3	37
174		EL OBEID	1008.7	E	1	30	—	4	8	1014.3	-1.1	WSW	1	17.5	33	+2	14	+3	29	0	2	8	Cs	1	0	23	19
175		EL FÂSHER								1016.3	+2.6	NE	1	16.5	33	+2	14	+4	33	+3	0	—	—	—	0	0	8
176	S. SUDAN	MALAKÂL	1006.3	N	1	36	—	2	8	1013.9	+2.8	NE	2	21.2	37	+1	18	0	22	+1	4	8	Ci	2	0	81	93
177		WÂU								1012.6	+2.3	W	2	22.0	36	0	19	+1	36	-7	3	—	—	—	0	180	148
178		JÛBA																									
179		Geneina	—	SE	3	32	—	1	7	—	—	SE	2	13.4	33	—	10	—	35	—	2	7	Ci	0	—	—	—
180		Gallabat								—	—	SE	3	23.6	36	—	18	—	54	—	9	—	—	—	0	—	—

Upper Wind Observations on 3rd — ارصاد الرياح العليا يوم ٣

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms. per hour	Matruh 07h.00m. Dir.	Matruh Kms.	Dikheila 07h.45m. Dir.	Dikheila Kms.	Almaza 07h.30m. Dir.	Almaza Kms.	Cairo 08h.15m. Dir.	Cairo Kms.	Helwan 08h.30m. Dir.	Helwan Kms.	Asyut 07h.00m. Dir.	Asyut Kms.	Aswan 07h.00m. Dir.	Aswan Kms.	W. Halfa 06h.00m. Dir.	W. Halfa Kms.	Kareima 07h.00m. Dir.	Kareima Kms.	Khartum 06h.00m. Dir.	Khartum Kms.	Geneina 07h.00m. Dir.	Geneina Kms.	El Obeid 06h.00m. Dir.	El Obeid Kms.	Malakal 06h.00m. Dir.	Malakal Kms.	Salum 2nd 13h.00m. Dir.	Salum 2nd Kms.
200	200	29	150	42	120	38	90	4	170	15	120	7	—	—	—	—	50	8	—	—	—	—	—	—	—	—	—	—	180	12
500	—	—	170	48	150	23	160	9	140	12	180	13	160	9	80	25	70	16	50	23	20	23	—	—	—	—	20	68	—	—
1000	190	35	190	36	230	8	180	12	190	12	180	12	190	9	40	14	80	11	70	26	70	24	80	23	60	37	40	53	230	13
1500	190	39	240	18	210	23	190	15	230	19	210	25	200	15	130	10	210	8	210	2	240	35	170	14	120	13	30	24	180	19
2000	End Cu				210	18	230	22	230	19	220	17					270	10	300	34			200	31	280	18	10	18	230	31
3000					260	24	230	24	240	25	270	27											200	48	280	29				
4000											250	33																		
5000											250	27																		
6000																														

Forecast for 24 hours from noon on 3rd

Southerly winds, on the coast fresh, inland light becoming moderate. High cloud developing. Remaining mild.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٣
رياح جنوبية متجددة قوية على السواحل - وخفيفة ثم
تصير معتدلة في الداخل
ظهور السحاب العالي
وسيبقى الطقس دافئاً

STATION	Mean of day: Humidity % on 2nd	Humidity Diff from normal	Wet Bulb Temp. °C on 2nd	Wet Bulb Diff from normal
Alexandria	77	+12	12.8	+1.9
Ezbekiya	74	+9	10.6	+0.3
Giza	79	+10	10.7	+0.6
Helwân	59	+4	9.8	+0.7

Giza Grass minimum on 2nd 2.4 °C

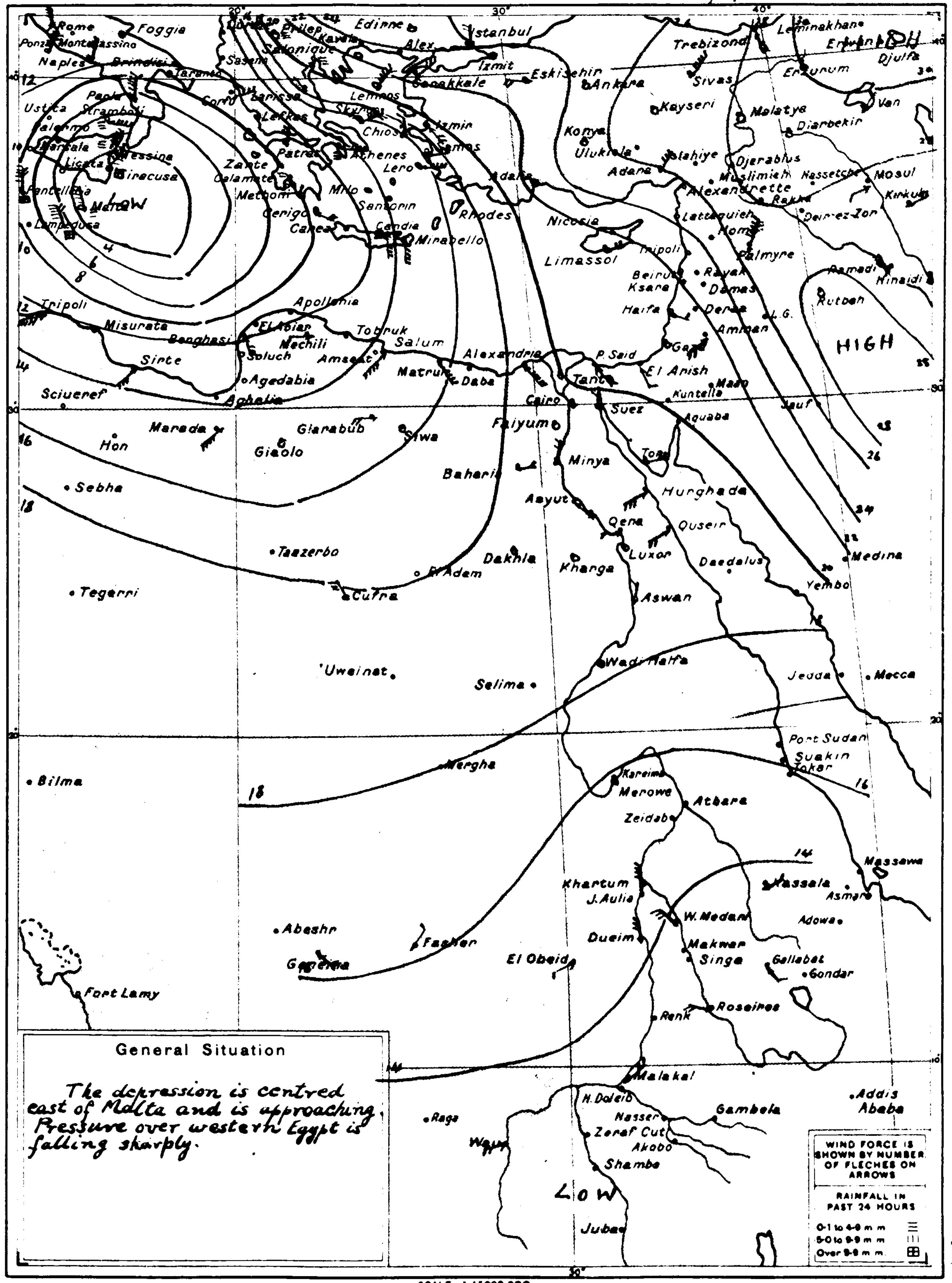
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
3.2	1421	1283
2.2	1099	1284

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2.2	13.17	-0.18	13.18	-0.17
Nâsser	2.2	5.34	-0.22	5.37	-0.23
Malakâl	3.2	10.32	-0.42	10.33	-0.43
Roseires	3.2	12.29	+0.41	12.28	+0.42
Sennâr Res.	2.2	20.68	—	20.67	—
Khartûm	2.2	10.34	-0.22	10.41	-0.17
Kh. el Girba					
'Atbara					
Kajnarti	2.2	10.17	-0.27	10.16	-0.24
Wâdi Halfa	2.2	132.87	-0.52	132.89	-0.53
Aswân Res.	3.2	120.47	—	120.51	—
D. S.	3.2	86.08	-0.31	86.04	-0.34
El Leisi	3.2	18.05	+0.17	18.10	+0.20
Rôda (Cairo)	3.2	14.97	-0.14	14.79	-0.24

Printed by the Survey of Egypt, 1936. (36/530)

Pressure and Wind at 8 h. 3-2-1937 ٣-٢-١٩٣٧



General Situation

The depression is centred east of Malta and is approaching. Pressure over western Egypt is falling sharply.

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 2-2-1937 — الساعة ٨ يوم ٢-٢-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff from norm. °C	Minimum To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1017	0	NNW	1	8	—	—	—	—	—	—	0	—	—	—	0	—	310	ليماسول
Haifa	1018.7	+3.2	ESE	1	15.2	19	+1	10	+2	59	-7	0	—	—	—	0	527	520	حيفا
Gaza	1018.0	+1.7	S	1	12.2	18	0	10	+2	96	+20	2	5	—	6	3	359	210	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post ... P.T. 100
Abroad ... P.T. 150

CAIRO
Time of sunrise h. 06 m. 44
sunset h. 17 m. 35

Month *February* 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 3rd — الساعة ١٤ يوم ٣

No.	Region	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN	SALÛM	1013.1	NE	1	17.7	33	0	5
131		MATRÛH	1012.4	SE	4	23.1	26	0	6
		DIKHEILA	1016.6	ESE	3	21.0	40	0	X
132		ALEXANDRIA	1016.2	SE	3	20.9	46	0	9
		DAMIETTA							
134		PORT SAÏD	1018.0	NE	5	17.8	65	0	8
135		EL 'ARÎSH	1017.5	NNE	3	16.6	71	0	6
136	LOWER EGYPT	DAMANHÛR							
137		MANSÛRA							
138		TANTA							
139		ZAGÂZÎG							
141	MIDDLE EGYPT	CAIRO ALMÂZA	1016.4	SSW	2	23.8	19	0	8
		CAIRO EZBEKÎYA	1015.9	WSW	1	23.9	27	0	8
		CAIRO GÎZA	1015.6	SSE	1	24.2	22	0	6
143		HELWÂN	1016.0	S	2	22.1	20	0	8
144		SUEZ							
153	UPPER EGYPT	FAIYÛM							
154		MINYA							
155		ASYÛT	1015.6	SE	2	27.5	43	0	7
156		QENA							
157		LUXOR							
158		ASWÂN	1014.2	N	1	26.0	24	1	6
148	WESTERN DESERT	SÎWA	1012.8	NW	2	21.2	27	0	6
149		BAHARÎYA	1014.8	S	3	25.2	21	0	9
151		KHÂRGA	1015.1	SE	2	26.2	23	0	9
152		DÂKHLA	1015.0	SSW	1	26.5	18	0	9
145	RED SEA	TÔR							
146		HURGHÂDA							
147		QUSEIR							
169		PORT SUDAN							
165	NORTH SUDAN	WÂDI HALFA	1015.5	N	1	24	-	2	8
166		KAREIMA	1012.7	—	0	31	-	0	8
167		'ATBARA	1020.4	E	2	32.8	-	-	-
168		KHARTÛM	1009.3	NNE	2	35	-	0	8
170		KASSALA	1008.3	NNE	2	33	-	0	8
171	CENTRAL SUDAN	WAD MEDANI	1009.4	N	3	33.5	—	—	—
173		DUEIM							
182		RENK							
172		ROSEIRES							
174		EL OBEID	1008.0	W	2	33	—	3	8
175		EL FÂSHER	1006.0	SW	1	32.5	—	—	—
176	S. SUDAN	MALAKÂL	1008.1	NNE	2	36	—	4	8
177		WÂU	1008.0	NNE	3	34.2	—	—	—
178		JÛBA							
179		Geneina	—	W	2	34	—	4	7
180		Gallabat	1017.1	NNW	3	—	—	0	5

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

No.	Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	1015.0	-3.3	W	3	8.8	19	—	8	—	50	—	2	5	Ac	0	0	82	—
131	MATRÛH	1014.0	-4.2	SSW	2	10.3	24	+6	10	+2	64	-13	0	6	—	0	0	126	118
	DIKHEILA	1015.0	—	SSE	3	11.0	21	—	9	—	81	—	4	7	Ac	1	0	—	—
132	ALEXANDRIA	1013.4	-5.0	SSE	4	10.8	22	+3	9	-2	87	+15	4	4	Sc	2	0	157	154
	DAMIETTA	1015.4	—	SE	1	14.2	18	—	13	—	93	—	0	—	—	—	0	63	80
134	PORT SAÏD	1015.9	-0.9	NE	2	15.2	19	0	12	+1	79	+3	0	8	—	1	0	34	53
135	EL 'ARÎSH	1015.8	—	—	0	15.0	18	—	7	—	68	—	0	6	—	0	0	—	—
136	DAMANHÛR	1015.0	-2.4	ESE	3	9.2	23	+3	8	+1	89	+6	2	6	—	0	0	52	73
137	MANSÛRA	1015.2	—	SE	1	9.9	23	+3	7	0	89	+9	1	6	—	1	0	23	31
138	TANTA	1015.2	-2.6	—	0	12.0	24	+4	8	+1	65	-17	0	7	—	0	0	29	24
139	ZAGÂZÎG	1015.2	—	SE	1	11.4	23	+3	7	+1	69	-12	1	8	—	—	0	12	15
141	CAIRO ALMÂZA	1015.5	—	—	0	11.8	24	—	6	—	56	—	6	5	Cs	0	0	—	—
	CAIRO EZBEKÎYA	1014.6	-4.2	SSW	1	10.1	25	+5	7	-1	51	-26	0	5	—	0	0	8	19
	CAIRO GÎZA	1015.2	-4.2	SE	2	10.1	25	+5	3	-3	60	-19	0	5	—	1	0	10	17
143	HELWÂN	1015.5	-3.4	ESE	1	13.8	23	+4	10	+2	21	-45	0	7	Ci	0	0	12	20
144	SUEZ	1016.2	-2.0	SE	1	12.0	20	0	8	-2	76	+3	0	—	—	—	0	12	17
153	FAIYÛM	1015.9	-3.1	SSE	1	12.8	26	+5	5	-1	45	-21	0	6	—	0	0	4	8
154	MINYA	1016.6	-2.3	SE	3	13.3	25	+4	7	0	44	-33	0	7	—	—	0	6	—
155	ASYÛT	1017.0	-2.8	SW	2	10.0	30	+9	6	0	68	+2	0	6	—	0	0	0	4
156	QENA	1016.8	-1.3	N	1	11.0	29	+5	7	0	43	-21	4	6	Ci	0	0	dr	—
157	LUXOR	1016.3	—	—	0	10.6	28	—	3	—	64	—	4	5	Cu	2	0	dr	—
158	ASWÂN	1016.6	-1.8	—	0	13.5	27	+2	10	0	55	+5	1	6	Cu	1	0	!	—
148	SÎWA	1016.0	-3.0	—	0	9.4	23	+3	2	-2	70	+1	0	6	—	0	0	25	4
149	BAHARÎYA	1016.7	—	—	0	13.0	26	—	8	—	48	—	0	5	—	0	0	17	—
151	KHÂRGA	1015.6	-3.3	—	0	10.2	27	+4	6	0	41	-19	0	9	—	0	0	0	0
152	DÂKHLA	1017.0	-2.5	SSE	1	7.9	27	+4	4	-1	34	-17	0	9	—	0	0	dr	—
145	TÔR	1015.8	-1.7	E	1	13.0	23	+2	7	-2	25	-34	2	6	—	0	0	3	10
146	HURGHÂDA	1016.3	-0.9	W	2	15.5	23	+1	9	-1	56	+1	0	7	—	0	0	dr	0
147	QUSEIR	1017.6	+0.7	WSW	1	20.0	—	—	—	—	—	—	0	—	—	—	—	!	7
169	PORT SUDAN																		
165	WÂDI HALFA	1017.3	-1.2	N	1	10.2	27	+2	7	-1	62	+15	3	8	Ci,Ac	1	—	—	—
166	KAREIMA	1015.2	-1.0	—	0	17.5	32	+2	13	+1	37	+6	2	8	Cs,Sc	1	0	dr	1
167	'ATBARA	1015.0	+0.6	NE	2	20.3	33	+2	15	+1	32	+5	1	—	—	—	0	5	1
168	KHARTÛM	1014.2	+0.5	NNW	2	19.2	35	+2	17	+2	42	+14	4	8	Ci,Ac	2	0	4	5
170	KASSALA	1014.2	+2.0	E	1	19.6	34	-1	15	-1	55	-5	4	7	Cs	1	0	dr	11
171	WAD MEDANI	1012.2	-0.9	NNE	3	24.0	36	+2	19	+4	20	-12	1	—	—	—	0	56	13
173	DUEIM	—	—	N	3	23.8	—	—	18	+4	28	-1	2	—	—	—	0	21	12
182	RENK																		
172	ROSEIRES	1011.8	+0.4	WNW	2	23.9	37	+1	17	+1	50	+12	2	—	—	—	0	3	37
174	EL OBEID	1013.1	-2.2	ESE	1	20.9	33	+2	17	+6	34	+5	0	8	Ci	1	0	23	19
175	EL FÂSHER	1012.6	-1.0	NW	1	19.0	34	+3	16	+6	30	+1	0	—	—	—	0	0	8
176	MALAKÂL	1013.8	+2.8	N	1	21.0	38	+2	19	+1	43	+22	4	6	Ci,Sc	2	0	81	93
177	WÂU	1011.5	+1.2	SW	3	24.1	35	-1	21	+3	71	+28	—	—	—	—	0	180	148
178	JÛBA	1013.1	+2.9	SW	3	25.0	38	0	21	0	64	+13	1	9	—	—	4	156	143
179	Geneina	—	—	NE	2	16.2	34	—	13	—	41	—	4	7	F.N	1	—	—	—
180	Gallabat	—	—	N	1	24.5	37	—	18	—	53	—	0	—	—	—	0	—	—

Upper Wind Observations on 4th — ارصاد الرياح العليا يوم ٤

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E.of N.	Kms per hour	Matruh 07 h. 00 m. Dir.	Kms	Dikheila 07 h. 15 m. Dir.	Kms	Almaza 07 h. 30 m. Dir.	Kms	Helwan 08 h. 45 m. Dir.	Kms	Asyut 07 h. 30 m. Dir.	Kms	Aswan 07 h. 00 m. Dir.	Kms	W.Halfa 06 h. 00 m. Dir.	Kms	Kareima 06 h. 00 m. Dir.	Kms	Khartum 06 h. 00 m. Dir.	Kms	Geneina 07 h. 00 m. Dir.	Kms	El Obeid 06 h. 00 m. Dir.	Kms	Malakal 06 h. 00 m. Dir.	Kms	Salum 3rd 13 h. 00 m. Dir.	Kms	Juba 3rd 11 h. 00 m. Dir.	Kms
200	270	13	270	22	220	28	180	18	100	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	320	6	—	—
500	—	—	260	24	230	32	200	36	180	37	200	22	340	14	50	14	50	31	60	37	—	—	—	—	160	27	—	—	80	8
1000	260	26	250	28	230	35	210	19	220	31	250	26	320	11	20	14	50	18	80	23	80	16	70	48	170	32	300	18	50	6
1500	270	25	260	25	200	40	230	12	210	30	260	20	250	6	220	8	270	8	170	8	0	10	110	31	210	11	220	17	0	18
2000	250	29	260	26	300	57	230	25	210	17	260	12					260	21	300	8	170	37	170	26	220	14			70	21
3000	260	30					240	34									260	14	300	5	200	35	200	19					90	24
4000																	280	53			250	27								
5000																														
6000																														

Forecast for 24 hours from noon on 4th

Moderate to fresh south to southwest winds. Some medium cloud. Little change in temperature.
Rain along the coast probable tomorrow. Becoming unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٤
رياح جنوبية والجنوبية الغربية بين المعتدلة والشديدة
يظهر بعض السحاب المتوسط الارتفاع
ولا تتغير درجة الحرارة الا قليلا
ويحتمل سقوط المطر على السواحل غدا
وسيكون الطقس متقلبا

Station	Mean of day Humidity % on 3rd	Diff from normal	Wet Bulb Temp. °C on 3rd	Diff from normal
Alexandria	75	+10	12.1	+1.2
Ezbekiya	54	-1	9.7	-0.6
Giza	63	-6	9.8	-0.3
Helwân	37	-18	8.9	-0.2

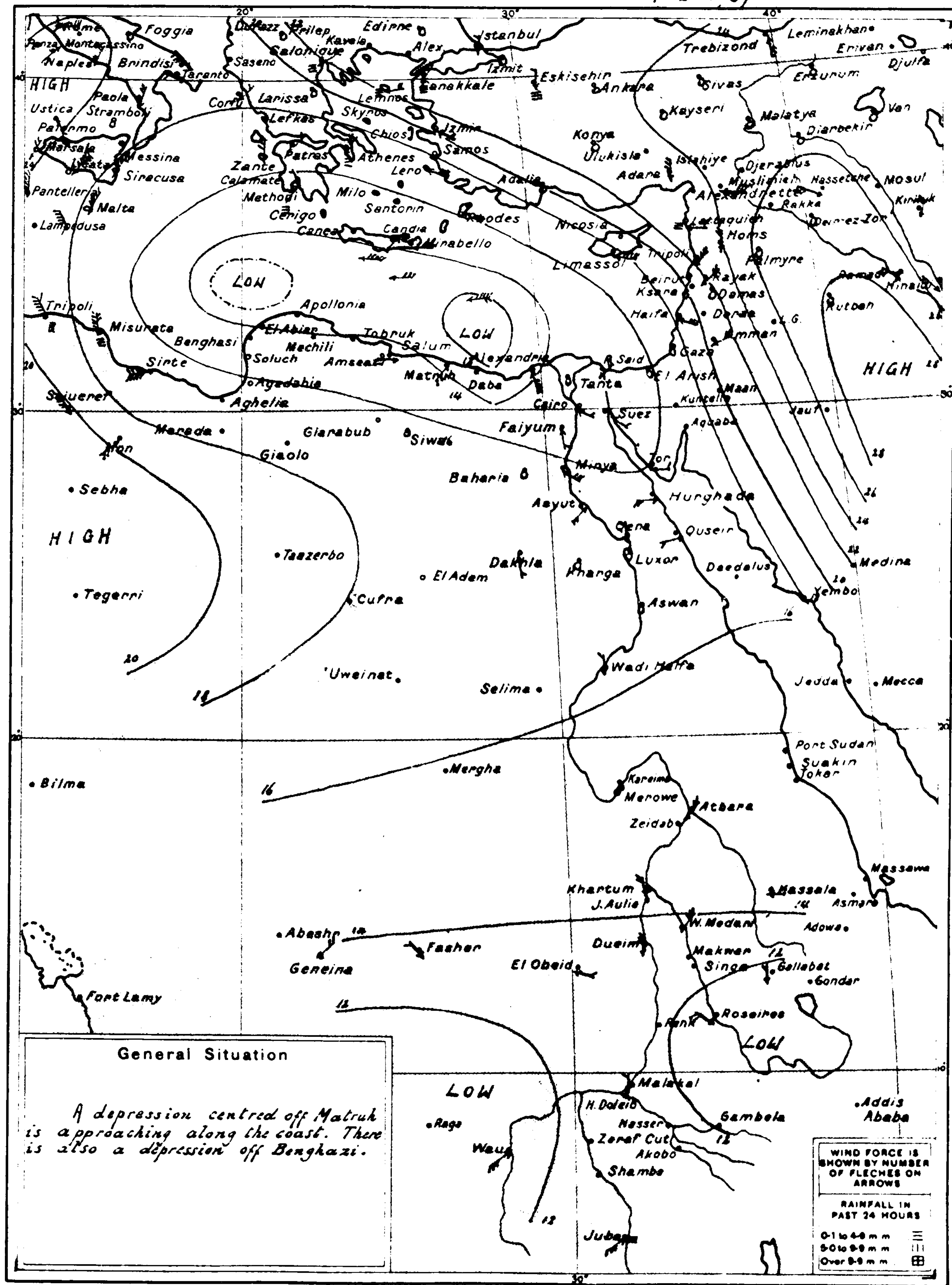
Giza Grass minimum on 4th -2.4 °C

Discharges at Aswân measured by sluices m^3 per sec

Date	1937	1936
4.2	1124	1247
3.2	1121	1283

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3.2	13.19	-0.15	13.17	-0.18
Nâsser	3.2	5.34	-0.21	5.34	-0.22
Malakâl	4.2	10.32	-0.34	10.32	-0.42
Roseires	4.2	12.25	+0.42	12.25	+0.41
Sennâr Res.	3.2	20.68	—	20.68	
Khartûm	4.2	10.40	-0.12	10.38	-0.16
Kh. el Girba					
'Atbara	3.2	10.15	-0.28	10.17	-0.27
Kajnarti	3.2	132.83	-0.52	132.87	-0.52
Wâdi Halfa					
Aswân Res.	4.2	120.44	—	120.47	—
D.S.	4.2	86.08	-0.32	86.08	-0.31
El Leisi	4.2	17.95	+0.07	18.05	+0.17
Rôda* (Cairo)	4.2	15.24	+0.02	14.97	-0.14

١٩٣٧-٢-٤ Pressure and Wind at 8 h. *4-2-1937*



General Situation

A depression centred off Matruh is approaching along the coast. There is also a depression off Benghazi.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

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

At 8 h. on 3-2-1937 — الساعة ٨ يوم ٣-٢-١٩٣٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff from norm. °C	Min. Today °C	Diff from norm. °C	Humidity %	Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m	Total fr Oct 1 to yesterday m.m.	Normal fr Oct 1 to yesterday m.m	محطة
Limassol	1020	+3	ENE	2	11	—	—	—	—	—	—	0	—	—	—	0	..	312	ليماسول
Haifa	1022.2	+6.7	ESE	1	12.7	18	0	8	0	63	-3	0	—	—	—	0	527	523	حيفا
Gaza	1020.6	+4.3	—	0	9.1	18	0	7	-1	91	+16	0	9	—	0	0	359	272	غزة

Remarks

* El Roda River Gauge Reading for 24.1.37 published on 24-25-1-37 should read 14.54 instead of 14.52 m.

Grass Minimum Giza 3.2.37. -2.4 °C.

ANNUAL SUBSCRIPTION
Inland Post ... P.T 100
Abroad ... P.T 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise 06 43

sunset 17 36

Month *February* 1937 ١٩٣٧ فبراير شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-٢-٥

1417 F.C.

At 14h. on 4th — الساعة ١٤ يوم ٤ | At 8h. on Friday 5th — الساعة ٨ يوم الجمعة

		STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m	Total fr. Oct. 1 to yesterday m	Normal fr. Oct. 1 to yesterday m
130	MEDITERRANEAN	SALÛM	1013.1	W	3	19.7	27	2	6	1016.4	-1.9	NW	2	10.6	20	—	8	—	89	—	3	5	Cu	1	0	82	—
131		MATRÛH	1012.8	WNW	3	19.3	35	2	6	1015.6	-2.5	SSW	2	11.6	20	+2	10	+2	61	-15	2	6	Sc	1	0	126	119
		DIKHEILA	1014.7	WNW	2	18.9	71	6	7	1016.8	—	SW	1	9.2	19	—	7	—	84	—	6	6	—	0	0	—	
132		ALEXANDRIA	1013.9	W	2	20.2	58	0	8	1016.2	-2.2	SW	1	12.4	22	+3	10	-1	64	-8	0	8	—	0	0	157	155
		DAMIETTA								1015.9	—	WSW	1	9.2	22	—	7	—	99	—	8	1	—	—	0	63	81
134		PORT SAÎD	1013.6	NE	2	19.2	63	2	8	1016.3	-0.4	SW	2	12.8	23	+4	12	+1	100	+24	8	1	Cb	4	0	34	54
135		EL 'ARÎSH	1013.1	NNE	1	19.7	62	0	6	1016.0	—	WSW	2	15.6	23	—	11	—	75	—	0	6	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1016.6	-0.7	W	1	8.1	21	+1	6	-1	86	+4	0	5	—	1	0	52	74
137		MANSÛRA								1016.2	—	NW	1	7.4	23	+3	5	-2	96	+16	0	6	—	4	0	23	32
138		TANTA								1017.2	-0.6	—	0	8.0	23	+3	4	-3	72	-10	0	7	—	1	0	29	25
139		ZAGÂZÎG								1016.7	—	SW	2	9.8	23	+3	5	-1	87	+6	2	7	—	—	0	12	15
141	MIDDLE EGYPT	CAIRO ALMÂZA	1013.8	WSW	4	23.9	25	3	8	1015.9	—	SE	1	11.9	24	—	6	—	46	—	0	7	—	2	0	—	—
		CAIRO EZBEKÎYA	1013.0	WSW	1	25.2	27	3	7	1015.8	-3.0	SE	1	10.2	26	+6	8	0	70	-7	0	—	—	1	0	8	20
		CAIRO GÎZA	1012.6	W	1	25.2	24	3	5	1015.9	-3.4	SE	1	11.2	26	+6	4	-2	71	-7	0	5	—	1	0	10	18
143		HELWÂN	1013.3	SSW	2	22.8	19	2	7	1016.7	-2.1	—	0	11.5	24	+5	8	0	37	-29	0	7	—	1	0	12	20
144		SUEZ								1016.3	-1.9	N	2	12.0	20	0	10	0	54	-18	0	—	—	—	0	12	17
153	UPPER EGYPT	FAIYÛM								1016.4	-2.5	—	0	11.2	26	+5	6	0	62	-4	0	—	—	0	0	4	8
154		MINYA								1018.3	-0.6	N	1	10.5	24	+3	7	0	57	-20	0	7	—	—	0	6	—
155		ASYÛT	1013.3	SW	2	24.5	43	0	7	1017.6	-2.2	WSW	2	14.0	27	+6	8	+2	61	-5	0	6	—	0	0	0	4
156		QENA								1016.0	-2.0	WNW	2	11.3	29	+5	8	+1	53	-11	0	5	—	0	0	dr	—
157		LUXOR								1015.6	—	—	0	12.2	29	—	5	—	65	—	0	7	—	0	0	dr	—
158		ASWÂN	1012.3	—	0	28.4	23	0	6	1015.9	-2.5	—	0	14.0	30	+5	10	0	39	-11	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1013.9	W	2	22.3	32	0	6	1017.5	-1.5	—	0	11.2	22	+2	4	0	52	-17	0	6	—	0	0	25	4
149		BAHARÎYA	1014.3	WNW	3	22.1	26	0	5	1016.5	—	—	0	9.0	23	—	3	—	48	—	0	6	—	0	0	17	—
151		KHÂRGA	1013.4	SE	1	25.2	20	0	9	1018.7	-0.1	E	1	10.2	26	+3	8	+2	—	—	0	9	—	0	0	0	0
152		DÂKHLA	1014.0	NNW	2	24.7	20	0	7	1018.4	-1.0	WNW	1	14.0	25	+2	6	0	36	-15	0	7	—	0	0	dr	—
145	RED SEA	TÔR								1015.4	-2.1	—	0	14.8	—	—	—	—	46	-13	3	6	—	0	0	3	10
146		HURGHÂDA								1014.8	-2.3	WNW	4	16.5	26	+4	11	+1	45	-10	0	7	—	0	0	dr	0
147		QUSEIR																									
169		PORT SUDAN	1012.8	NE	2	26	—	—	—	1013.9	-1.3	NE	1	23.8	27	0	19	0	81	+17	3	—	—	—	0	42	101
165	NORTH SUDAN	WÂDI HALFA	1014.1	N	2	25	—	2	8	1016.0	-2.5	N	1	12.9	24	-1	10	+2	45	-2	1	8	Ci	0	—	—	—
166		KAREIMA	1010.5	ENE	1	29	—	4	8	1012.9	-3.2	NE	1	17.8	31	+1	14	+2	40	+9	3	8	Ac,Cs	5	dr	dr	7
167		'ATBARA								1012.6	-1.8	NNE	2	22.5	32	+1	18	+4	29	+2	0	—	—	—	0	5	1
168		KHARTÛM	1007.9	NNE	2	35	—	4	8	1012.8	-0.9	NNE	3	21.6	36	+3	18	+2	31	+4	2	8	Ci,Ac	1	0	4	5
170		KASSALA	1007.4	NNE	4	33	—	0	8	1009.5	-2.7	E	2	28.7	34	-1	17	+1	24	-36	4	8	As	1	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI	1008.0	NNW	3	30	—	0	9	1010.6	-2.4	NE	3	23.9	37	+3	20	+5	21	-10	0	—	—	—	0	56	13
173		DUEIM								—	—	N	3	23.6	—	—	18	+4	23	-5	0	—	—	—	0	21	12
182		RENK																									
172		ROSEIRES								1010.7	-0.7	WNW	2	24.5	39	+3	—	—	32	-6	0	—	—	—	0	3	37
174		EL OBEID								1010.9	-4.9	NE	1	22.7	33	+2	16	+5	38	+10	1	8	—	1	0	23	19
175		EL FÂSHER								1010.4	-3.1	NW	1	20.0	35	+4	17	+7	36	+7	0	—	—	—	0	0	8
176	S. SUDAN	MALAKÂL								1011.2	+0.2	NE	2	27.8	38	+2	21	+3	28	+7	1	8	Ci,Ac	1	0	81	73
177		WÂU								1010.2	0.0	NW	1	24.5	37	+1	24	+6	64	+21	3	—	—	—	0	180	148
178		JÛBA																									
179		Geneina								—	—	E	1	—	34	—	—	—	55	—	3	7	Cu	1	0	—	—
180		Gallabat								—	—	NE	1	25.0	37	—	18	—	54	—	0	—	—	—	0	—	—

Upper Wind Observations on 5th — ارصاد الرياح العليا يوم ٥

Height metres above M.S.L.	W. Halfa 06h 00m Dir E. of N	Kms per hour	Khartum 06h 00m Dir E. of N	Kms per hour	Geneina 07h 00m Dir E. of N	Kms per hour	El Obeid 06h 00m Dir E. of N	Kms per hour	Malakal 06h 00m Dir E. of N	Kms per hour
200	70	18	—	—	—	—	—	—	—	—
500	10	32	60	34	—	—	—	—	350	23
1000	10	32	20	8	0	29	120	37	340	8
1500	230	10	350	31	0	27	210	11	340	5
2000	220	27	230	13	250	14	250	14	0	3
3000	260	19	200	8	210	16	210	6	70	13
4000					230	24	170	21		
5000							210	24		
6000										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 4th	Diff. from normal	Wet bulb temp. °C on 4th	Diff. from normal
Alexandria	73	+8	12.6	+1.7
Ezbekiya	50	-15	11.1	+0.7
Giza	53	-15	11.1	+1.0
Helwân	23	-32	9.5	+0.4

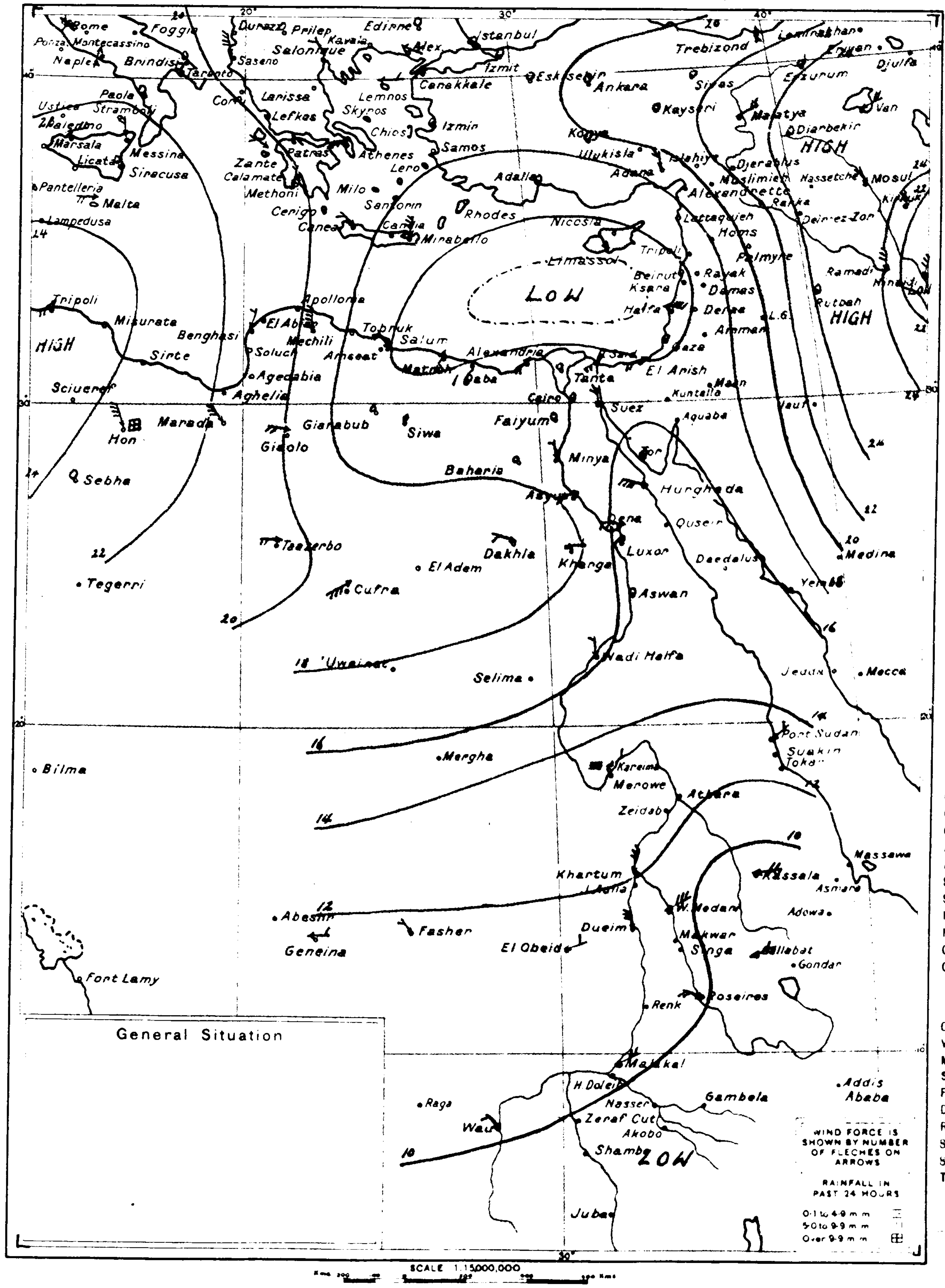
Gîza Grass minimum on 5th °C

Discharges at Aswân measured by sluices m³ per sec.

DATE	1937	1936
5.2	1102	1246
4.2	1124	1247

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	5.2	13.21	-0.13	13.21	-0.13
Nâsser	5.2	5.33	-0.12	5.33	-0.16
Malakâl	5.2	10.31	-0.38	10.32	-0.39
Roseires	5.2	12.24	+0.42	12.25	+0.42
Sennâr Res.	4.2	20.67	—	20.68	—
Khartûm	5.2	10.41	-0.10	10.40	-0.12
Kh. el Girba					
'Atbara	5.2	10.10	-0.31	10.13	-0.29
Kajnarti	5.2	132.78	-0.50	132.80	-0.51
Wâdi Halfa					
Aswân Res.	5.2	120.39	—	120.44	—
,, D. S.	5.2	86.04	-0.36	86.08	-0.32
El Leisi	5.2	17.92	+0.07	17.95	+0.09
Rôda (Cairo)	5.2	15.24	+0.14	15.24	+0.02

Pressure and Wind at 8 h. 5-2-1937



General Situation

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 4-2-1937 — الساعة ٨ يوم ١٩٣٧-٢-٤

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m	Total fr. Oct. 1 to yesterday m	Normal fr. Oct. 1 to yesterday m	مرصد
Limasol	1017	0	E	5	12	—	—	—	—	—	—	3	—	—	—	0	—	315	ليماسول
Haifa	1018.2	+2.7	ESE	3	14.2	20	+2	9	+1	45	-20	0	—	—	—	0	527	526	حيفا
Gaza	1016.8	+0.5	—	0	7.9	19	+1	5	-3	89	+14	0	9	—	0	0	359	275	غزة

Ships 53225 – 37306 – 32102 – 14975 – 61815 – 57006 سفن

Remarks

ANNUAL SUBSCRIPTION

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CAIRO

Time of sunrise h. 06 m. 42
sunset h. 17 m. 36

Month February 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 5th — الساعة ١٤ يوم ٥ ; At 8h. on Saturday 6th — الساعة ٨ يوم السبت ٦

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1016.3	E	2	16.3	69	3	6	1021.8	+3.5	NW	2	10.7	18	—	10	—	94	—	3	5	Cb	6	2	84	—
131		MATRÛH	1015.8	NNW	3	17.0	70	1	6	1020.0	+1.9	SW	1	12.3	20	+2	11	+3	90	+14	2	6	St	1	0	126	120
		DIKHEILA	1016.9	NW	2	17.8	65	6	7	1020.1	—	NNW	1	16.0	19	—	8	—	86	—	3	8	Cu	0	0	—	—
132		ALEXANDRIA	1016.2	W	1	21.6	39	0	9	1019.0	+0.7	N	1	15.8	22	+3	13	+2	77	+5	2	8	Cu	0	0	157	156
		DAMIETTA								1017.9	—	W	1	11.0	22	—	8	—	90	—	0	—	—	—	0	63	82
134		PORT SAÏD	1016.3	NE	4	26.8	56	0	7	1018.2	+1.5	SW	2	13.2	22	+3	12	+1	100	+24	8	3	Nb	0	0	34	54
135		EL 'ARÎSH	1015.2	WNW	2	17.5	75	0	6	1018.2	—	—	0	14.0	18	—	8	—	70	—	0	6	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1019.2	+2.0	WSW	1	9.0	22	+2	8	+1	97	+15	0	5	—	0	0	52	75
[redacted]		MANSÛRA								1018.6	—	NW	1	8.9	22	+2	6	−1	95	+16	8	3	—	4	0	23	32
		TANTA								1019.2	+1.6	—	0	9.0	22	+2	6	−1	100	+19	8	4	—	1	0	29	25
		ZAGÂZÎG								1019.5	—	W	4	11.9	21	0	7	+1	87	+7	2	6	—	—	0	12	15
	MIDDLE EGYPT — CAIRO	ALMÂZA	1015.8	WNW	2	20.8	37	0	8	1020.2	—	—	0	11.8	22	—	6	—	80	—	3	6	Nb	1	0	—	—
		EZBEKÎYA	1015.4	—	0	22.0	30	0	7	1018.8	0	NW	1	10.6	23	+3	8	0	90	+14	3	4	St	1	0	8	20
		GÎZA	1015.0	NNW	2	22.5	24	0	5	1019.1	−0.2	—	0	9.2	24	+4	5	−1	96	+18	1	5	Cs	0	0	10	18
143		HELWÂN	1015.5	WNW	2	19.6	23	0	7	1019.2	+0.5	—	0	11.0	21	+1	8	0	77	+11	0	6	—	0	0	12	20
144		SUEZ								1018.8	+0.6	N	1	12.0	22	+2	10	0	76	+4	0	—	—	—	0	12	7
153	UPPER EGYPT	FAIYÛM								1019.5	+0.6	—	0	11.7	24	+3	6	0	72	+6	0	3	—	0	0	4	8
154		MINYA								1021.1	+2.3	S	2	12.0	22	+1	7	0	62	−14	0	6	—	—	0	6	—
155		ASYÛT	1015.6	WSW	3	23.2	38	0	7	1019.5	−0.2	WNW	3	10.5	24	+3	6	0	63	−3	0	6	—	0	0	0	4
156		QENA								1017.9	0	W	2	11.6	27	+3	7	0	47	−17	2	5	Ci	0	0	dr.	—
157		LUXOR								1017.4	—	ESE	1	11.5	25	—	5	—	59	—	3	5	Cu	2	0	dr.	—
158		ASWÂN	1012.6	NW	2	26.2	14	0	6	1017.5	−0.9	—	0	13.0	27	+2	9	−1	45	−5	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1016.3	—	0	21.6	45	0	6	1020.3	+1.4	—	0	10.2	22	+1	7	+3	86	+17	0	6	—	0	0	25	4
149		BAHARÎYA	1015.8	W	2	22.0	29	0	7	1020.2	—	SSW	1	10.0	23	—	5	—	55	—	0	7	—	0	0	17	—
151		KHÂRGA	1016.3	NE	2	24.2	18	0	9	1019.5	+0.7	—	0	12.0	26	+3	6	0	43	−17	0	9	—	0	0	0	0
152		DÂKHLA	1015.8	NNW	1	22.1	28	0	7	1020.4	+1.0	W	2	12.0	23	0	3	−3	65	+15	1	8	—	0	0	dr.	—
145	RED SEA	TÔR								1016.4	−1.1	NW	3	18.2	23	+2	13	+4	35	−24	0	6	—	3	0	3	10
146		HURGHÂDA								1016.4	−0.6	WNW	4	17.5	24	+2	12	+2	38	−16	0	7	—	0	0	dr.	0
147		QUSEIR								1016.7	−0.1	W	2	19.3	24	+1	15	+1	30	−16	0	7	—	0	0	1	7
169		PORT SUDAN	1010.8	NE	2	27.0	—	—	—	1013.0	−2.2	NE	1	24.5	28	+1	23	+4	83	+19	4	—	—	—	0	42	101
165	NORTH SUDAN	WÂDI HALFA	—	WSW	3	25	—	0	8	1018.7	+0.3	N	2	10.3	25	−1	9	+1	50	+3	3	8	Cs,As	1	—	—	—
166		KAREIMA	1008.7	N	2	32	—	2	8	1014.5	−1.6	N	1	18.2	33	+3	17	+5	25	−6	4	8	Ac	2	0	dr	1
167		'ATBARA																									
168		KHARTÛM	1006.0	NNE	2	36	—	2	7	1011.8	−1.8	N	5	22.3	38	+5	19	+3	20	−7	0	8	Ci	0	0	4	5
170		KASSALA								1010.4	−1.7	ESE	1	22.2	38	+3	19	+3	58	−1	1	8	Ac.	1	0	dr.	11
171	CENTRAL SUDAN	WAD MEDANI								1011.2	−1.8	N	3	21.4	39	+5	19	+4	24	−7	0	—	—	—	0	56	13
173		DUEIM								—	—	WNW	4	23.4	30	−4	19	+5	21	−7	0	—	—	—	0	21	12
182		RENK																									
172		ROSEIRES								1009.4	−2.0	WNW	2	22.6	39	+3	18	+2	41	+3	0	—	—	—	0	3	37
174		EL OBEID	1004.4	SE	1	36	—	0	8	1011.6	−3.7	NNW	2	20.1	37	+6	17	+6	31	+3	0	8	—	0	0	23	19
175		EL FÂSHER	1003.8	W	1	35.0	—	—	—	1015.0	+1.5	NW	1	16.0	35	+4	13	+3	32	+3	0	—	—	—	0	0	8
176	S. SUDAN	MALAKÂL	1005.1	NW	1	39	—	2	8	1009.9	−1.1	NE	2	27.3	40	+4	22	+4	34	+13	2	8	Ci	1	0	81	93
177		WÂU	1004.2	WSW	2	37.0	—	2	—	1014.4	+4.2	W	2	22.0	38	+2	21	+3	91	+48	5	—	—	—	17	197	148
178		JÛBA	1005.3	SW	3	31.4	—	1	—	1011.1	+0.9	SW	2	25.4	39	+1	23	+2	69	+18	1	9	—	—	0	156	143
179		Geneina	—	E	1	37	—	0	8	—	—	NE	3	15.4	35	—	13	—	30	—	2	7	Ac,Cc	0	0	—	—
180		Gallabat	—	NNW	2	36.5	—	—	—	—	—	ENE	1	23.5	37	—	18	—	63	—	0	—	—	—	0	—	—

Upper Wind Observations on 6th — ارصاد الرياح العليا يوم ٦

Height metres above M.S.L.	Salum 07h.00m. Dir. E. of N.	Kms per hour	Matruh 07h.00m. Dir.	Kms	Dikheila 07h.45m. Dir.	Kms	Cairo 08h.30m. Dir.	Kms	Helwan 08h.30m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	W. Halfa 07h.00m. Dir.	Kms	Kareima 06h.00m. Dir.	Kms	Khartum 06h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Abukir R.A.F. 07h.00m. Dir.	Kms	Heliopolis R.A.F. 07h.00m. Dir.	Kms	Ramleh R.A.F. 07h.00m. Dir.	Kms
200	340	12	10	6	350	12	350	15	290	5	—	—	20	18	—	—	—	—	—	—	—	—	—	—	340	11	350	14	250	5
500	—	—	10	9	340	16	350	16	340	17	30	13	30	39	20	56	10	71	—	—	—	—	30	34	340	14	340	18	310	3
1000	330	12	10	14	330	27			340	26	0	18	10	39	0	31	20	56	0	66	20	66	50	60	330	21	340	24	110	6
1500	350	10	300	12	330	31			ent.	Sc.	340	24	350	40	350	32	50	11	60	63	50	58	40	37	320	34	330	27	150	2
2000	30	16	ent.	Sc.	320	30					330	30	300	24	310	18	280	18	0	34	130	18	20	18	320	31			50	5
3000	330	17			350	20									230	21	280	34	230	24	200	18	30	13	0	23				
4000																					240	18			10	31				
5000																														
6000																														

Forecast for 24 hours from noon on 6th

On the coast moderate northwest or west winds; inland light northwest winds, becoming moderate north to northeast later.
Some medium cloud.
Possibly light showers near the coast.
Remaining mild.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٦
رياح معتدلة شمالية غربية إلى غربية على الساحل
ورياح خفيفة شمالية غربية تتحول فيما بعد الى رياح معتدلة تتغير ما بين
الشمال والشمال الشرقي في الداخل
يظهر بعض السحاب المتوسط وكذا مطر خفيف بالقرب من الساحل
ويستمر الطقس لطيفا

STATION	Mean of day Humidity % on 5th	Diff. from normal	Wet Bulb Temp. °C on 5th	Diff. from normal
Alexandria	63	−2	11.9	+1.0
Ezbekiya	59	−6	10.5	+0.1
Gîza	58	−10	10.5	+0.4
Helwân	32	−23	8.8	−0.4

Gîza Grass minimum on 6th 1.0 °C

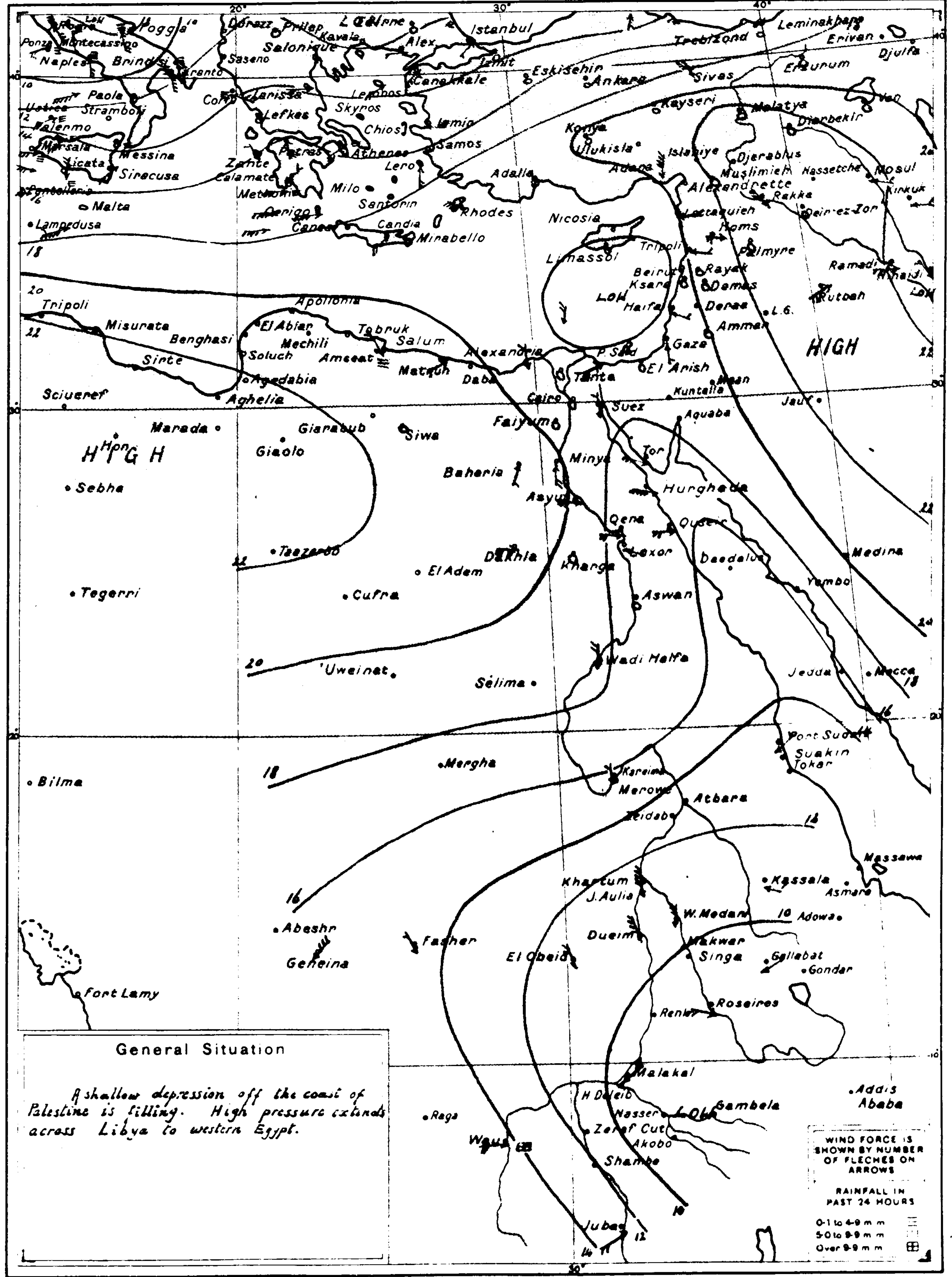
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
6-2	1066	1218
5-2	1102	1246

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	6-2	13.20	−0.13	13.21	−0.13
Nâsser	5-2	5.33	+0.13	5.33	−0.16
Malakâl	6-2	10.30	−0.38	10.31	−0.38
Roseires	6-2	12.22	+0.42	12.24	+0.42
Sennâr Res.	4-2	20.67	—	20.68	—
Khartûm	5-2	10.41	−0.10	10.40	−0.12
Kh. el Girba					
Atbara	6-2	10.09	−0.31	10.10	−0.31
Kajnarti	5-2	132.78	−0.50	132.80	−0.51
Wâdi Halfa					
Aswân Res.	6-2	120.32	—	120.39	—
,, D. S.	6-2	85.98	+0.42	86.04	−0.36
El Leisi	6-2	17.88	+0.05	17.92	+0.07
Rôda (Cairo)	6-2	15.60	+0.22	15.44	+0.14

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧-٢-٦ Pressure and Wind at 8h. 6-2-1937



General Situation

A shallow depression off the coast of Palestine is filling. High pressure extends across Libya to western Egypt.

At 8h. on 5-2-1937 — الساعة ٨ يوم ٥-٢-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	مرصد
Limassol	1015	−2	NNW	1	9	—	—	—	—	—	—	4	—	—	—	0	—	318	ليماسول
Haifa	1015.5	+0.1	ESE	4	14.3	21	+3	9	+1	49	−16	0	—	—	—	0	527	529	حيفا
Gaza	1015.4	−0.9	—	0	12.0	20	+2	7	−1	94	+19	0	9	—	0	0	359	278	غزة

Ships 73321— 31106 — 00201— 18961 — 30003— 51113— 35302. سفن

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. m. 06 41
sunset h. m. 17 37

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *February* 1937 ١٩٣٧ شهر فبراير

At 14h. on *6th* الساعة ١٤ يوم ٦ — At 8h. on *Sunday 7th* الساعة ٨ يوم الأحد ٧

No.	Region	Station	14h Bar. Pressure Reduced to M.S.L. mb	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. mb	Diff. from normal mb	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm
130	Mediterranean	SALÛM	1020.4	NNE	3	15.6	73	3	6	1019.5	+1.3	WSW	4	10.0	16	—	9	—	78	—	4	5	Cb	1	0	84	—
131	Mediterranean	MATRÛH	1019.1	NW	3	17.8	61	2	6	1019.1	+1.0	SSW	4	11.6	18	0	10	+2	85	+9	4	6	Sc	2	0	126	121
	Mediterranean	DIKHEILA	1020.7	NW	3	17.2	86	0	—	1021.5	—	S	2	12.8	18	—	9	—	88	—	6	7	Sc	0	0	—	—
132	Mediterranean	ALEXANDRIA	1018.8	NNW	4	17.5	78	3	9	1020.6	+2.4	S	1	13.1	20	+1	11	0	83	+11	0	8	—	6	3	160	157
	Mediterranean	DAMIETTA								1020.2	—	SSW	1	12.0	21	—	9	—	91	—	0	—	—	—	0	63	83
134	Mediterranean	PORT SAÏD	1018.0	NW	5	20.5	62	0	8	1020.7	+4.1	NW	2	15.2	22	+3	11	0	89	+13	2	8	Cu	1	0	34	54
135	Mediterranean	EL 'ARÎSH	1017.2	NNW	2	16.8	74	0	6	1020.6	—	SSE	1	13.0	19	—	8	—	80	—	0	6	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1020.8	+3.6	SE	1	10.3	21	+1	7	0	94	+12	0	5	—	1	0	52	78
137	Lower Egypt	MANSÛRA								1021.9	—	SE	1	9.0	21	+1	7	0	95	+16	0	4	—	4	0	23	33
	Lower Egypt	TANTA								1020.6	+3.0	—	0	7.7	22	+2	4	-3	94	+13	0	4	—	2	0	29	26
	Lower Egypt	ZAGÂZIG								1021.2	—	SW	1	7.4	20	-1	4	-2	96	+16	8	1	—	—	0	12	16
	Middle Egypt (Cairo)	ALMÂZA	1018.3	NW	2	14.5	55	3	9	1020.8	—	—	0	11.6	20	—	6	—	89	—	0	6	—	4	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1017.6	NW	2	20.3	54	2	7	1020.2	+1.5	—	0	10.0	22	+2	9	+1	96	+20	8	2	—	4	0	8	20
	Middle Egypt (Cairo)	GÎZA	1017.5	N	3	20.8	46	3	6	1020.6	+1.4	—	0	7.8	21	+1	5	-1	98	+20	8	2	—	4	0	10	18
143	Middle Egypt	HELWÂN	1017.5	NW	4	18.8	47	3	7	1020.8	+2.1	—	0	11.0	19	-1	8	0	87	+22	0	5	—	0	0	12	20
144	Middle Egypt	SUEZ								1021.0	+2.8	N	1	13.5	20	0	10	0	72	0	8	—	—	—	0	12	17
153	Upper Egypt	FAIYUM								1021.1	+2.3	—	0	11.2	20	-1	8	+2	84	+18	8	3	—	4	0	4	8
154	Upper Egypt	MINYA								1021.5	+2.7	NNW	1	11.0	21	0	7	0	75	-1	0	6	—	—	0	6	—
155	Upper Egypt	ASYÛT	1018.3	WNW	3	22.0	43	0	7	1021.5	+1.8	WSW	3	11.0	23	+2	6	0	75	+9	0	6	—	0	0	0	4
156	Upper Egypt	QENA								1019.8	+2.0	W	1	12.3	25	+1	9	+2	64	0	0	5	—	1	0	dr	—
157	Upper Egypt	LUXOR								1019.2	—	ESE	1	12.8	24	—	5	—	70	—	0	7	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1014.7	N	3	23.2	15	1	6	1019.8	+1.4	—	0	13.0	24	-1	9	-1	48	-2	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1019.6	—	0	20.1	57	0	6	1020.4	+1.5	—	0	12.1	24	+3	7	+2	63	-5	0	6	—	0	0	25	4
149	Western Desert	BAHARÎYA	1017.9	WNW	1	20.6	37	0	9	1021.9		—	0	10.6	22	—	5	—	68	—	0	9	—	0	0	17	—
151	Western Desert	KHÂRGA	1015.5	N	2	23.0	26	0	9	1021.6	+2.9	—	0	13.3	23	-1	7	+1	71	+11	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1017.8	NNW	3	21.5	35	0	8	1022.4	+3.1	—	0	9.5	22	-1	6	0	50	0	0	8	—	0	0	dr	
145	Red Sea	TOR								1019.6	+2.2	N	3	12.8	23	+2	9	0	47	-12	0	6	—	2	0	3	10
146	Red Sea	HURGHÂDA								1020.0	+3.1	WNW	4	16.8	22	0	11	+1	41	-13	0	8	—	0	0	dr	0
147	Red Sea	QUSEIR								1018.8	+2.1	NW	2	19.5	24	+1	15	+1	41	-5	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN	1011.1	NE	3	26.0	—	2	—	1015.2	0.0	NE	5	22.7	26	-1	22	+3	54	-10	3	—	—	—	0	42	101
165	North Sudan	WÂDI HALFA	1016.7	N	5	22	—	3	7	1020.1	+1.7	NNW	2	10.1	27	+1	7	-1	62	+16	1	8	Ac	1	—	—	—
166	North Sudan	KAREIMA	1012.7	NE	3	28	—	2	7	1016.5	+0.5	N	3	17.0	28	-2	16	+4	26	-5	4	8	Ac	2	0	dr	1
167	North Sudan	'ATBARA	1009.3	N	3	30.4	—	0	—	1015.2	+0.9	N	4	19.8	30	-1	17	+3	37	+11	2	—	—	—	0	5	1
168	North Sudan	KHARTÛM	1007.1	N	4	34	—	0	7	1014.4	+0.8	NNE	3	19.0	34	+1	17	+1	22	+5	2	8	Ci,Ac	0	0	4	5
170	North Sudan	KASSALA	1004.0	NNE	1	35	—	0	8	1012.3	+0.2	ENE	1	20.0	36	+1	17	0	72	+13	0	9	—	0	0	dr	11
171	Central Sudan	WAD MEDANI								1012.8	-0.2	N	4	20.4	35	+1	17	+2	10	-21	0	—	—	—	0	56	13
173	Central Sudan	DUEIM																									
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1011.2	-0.2	WNW	2	23.6	40	+4	18	+2	21	-17	0	—	—	—	0	3	37
174	Central Sudan	EL OBEID								1013.7	-1.5	WNE	3	17.8	33	+2	16	+5	36	+9	2	8	Ci,Ac	1	0	23	19
175	Central Sudan	EL FÂSHER								1014.4	+1.0	NW	1	17.5	33	+2	16	+6	27	-2	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL								1013.5	+2.6	N	2	24.6	40	+4	21	+3	24	+3	3	8	Ci,Ac	2	0	81	93
177	S. Sudan	WAU								1011.4	+1.3	NW	3	23.5	38	+2	21	+3	83	+40	3	—	—	—	3	200	148
178	S. Sudan	JÛBA								1012.3	+2.1	SW	3	23	37	-1	21	0	—	—	4	8	Nb	1	5	161	143
179		*Geneina*								—	—	NE	3	14.3	34	—	15	—	37	—	3	7	Ci,Ns	1	0	—	—
180		*Gallabat*								—	—	NNW	1	22.5	38	—	19	—	66	—	0	—	—	—	0	—	—

Upper Wind Observations on 7th أرصاد الرياح العليا يوم ٧

Dir. = E. of N; Kms = Kms per hour

Height metres above M.S.L.	Salum Dir	Salum Kms	Matruh Dir	Matruh Kms	Dikheila Dir	Dikheila Kms	Almaza Dir	Almaza Kms	Cairo Dir	Cairo Kms	Helwan Dir	Helwan Kms	Asyut Dir	Asyut Kms	Aswan Dir	Aswan Kms	W. Halfa Dir	W. Halfa Kms	Kareima Dir	Kareima Kms	Khartum Dir	Khartum Kms	Geneina Dir	Geneina Kms	El Obeid Dir	El Obeid Kms	Malakal Dir	Malakal Kms	Salum Dir	Salum Kms
200	230	20	220	30	190	12	40	8	60	7	30	6	—	—	—	—	30	26	—	—	—	—	—	—	—	—	—	—	340	12
500	—	—	250	32	200	9	50	10	50	10	30	11	10	19	0	41	20	47	30	50	0	39	—	—	—	—	30	37	—	—
1000	250	30	260	30	270	15	350	10	330	13	330	13	350	30	20	32	20	40	30	56	0	39	0	60	10	61	30	31	Ent Cu	
1500	Ent Cu		260	36	290	33	50	5	280	2	160	5	350	28	340	18	30	24	0	21	320	10	60	53	20	43	20	31		
2000			250	42			160	9	18	10	180	10					0	19	290	27	210	31	80	10	150	5				
3000			Ent Sc				300	20	290	16	260	16					340	14	270	61	250	31	260	5	240	24				
4000							320	24			320	19											240	24	250	14				
5000											320	38																		
6000																														

Forecast for 24 hours from noon on 7th

On the coast moderate southwest to west winds.
Inland light variable winds, becoming moderate westerly. Some medium cloud.
Possibly light showers near the coast.
Remaining mild.

حالة الطقس المنتظرة في ٢٤ ساعة من ظهر ٧
رياح معتدلة بين جنوبية غربية وغربية على السواحل
ورياح خفيفة مختلفة الاتجاه ثم تتغير غربية معتدلة في الداخل.
بعض سحب متوسطة. احتمال أمطار خفيفة قرب السواحل
تبقى درجة الحرارة معتدلة

Mean of day

Station	Humidity on 6th	Diff. from normal	Wet bulb temp. on 6th	Diff. from normal
Alexandria	71	+1	13.7	+2.8
Ezbekiya	76	+12	12.3	+1.9
Giza	75	+7	11.9	+1.8
Helwan	63	+10	11.3	+2.4

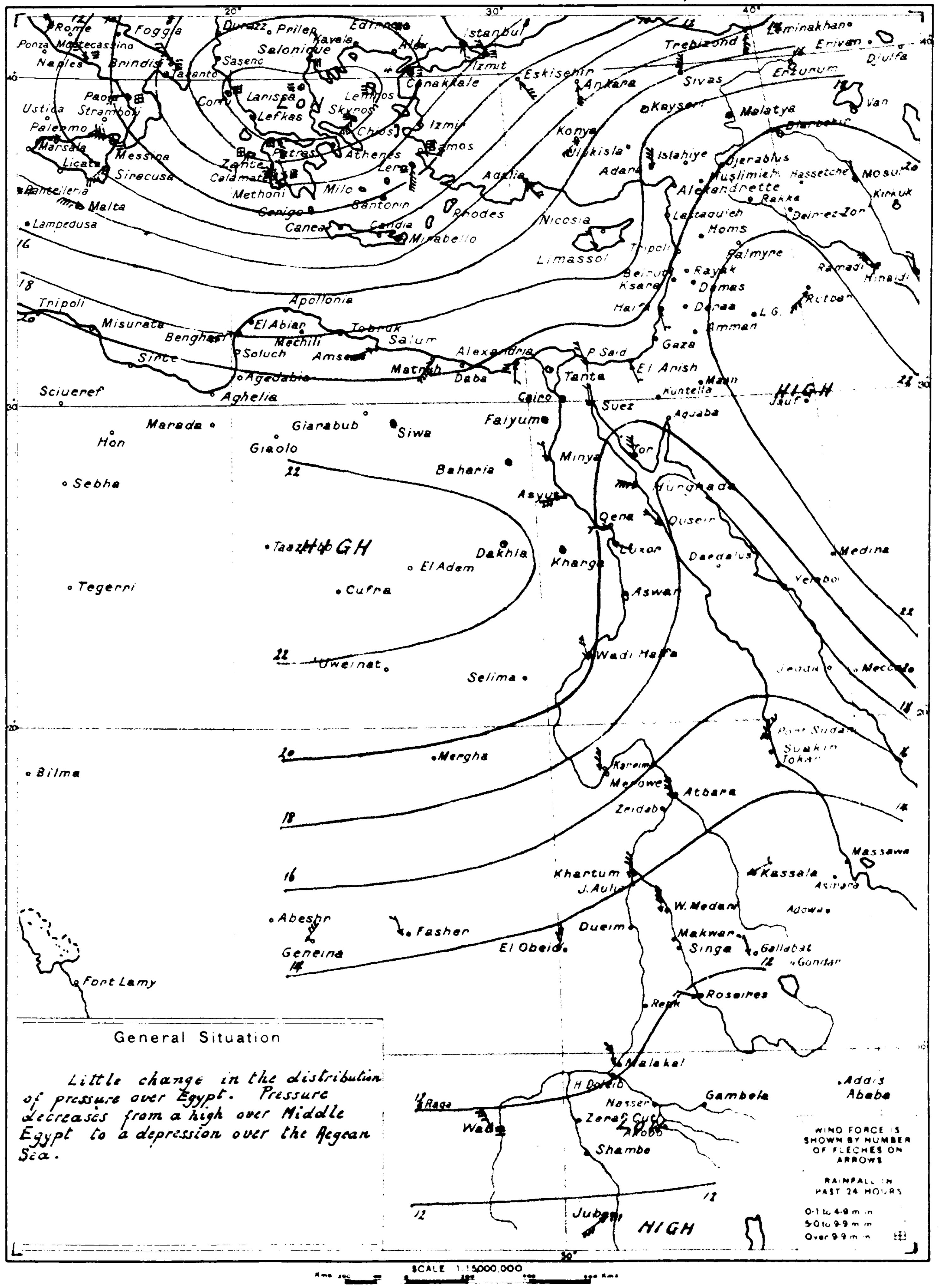
Giza Grass minimum on 7th 1.8 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1937	1936
7.2	1032	1216
6.2	1066	1218

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	6.2	13.20	-0.13	13.21	-0.13
Nâsser	6.2	5.37	-0.06	5.33	-0.13
Malakâl	7.2	10.29	-0.37	10.30	-0.38
Roseires	7.2	12.22	+0.44	12.22	+0.42
Sennâr Res.	6.2	20.06	—	20.67	—
Khartûm	7.2	14.30	-0.20	14.36	-0.14
Kh. el Girba					
'Atbara	7.2	10.12	-0.26	10.07	-0.31
Kajnarti	6.2	132.76	-0.48	132.78	-0.50
Wâdi Halfa					
Aswân Res.	7.2	120.31	—	120.32	—
D.S.	7.2	85.91	-0.49	85.78	-0.42
El Leisi	7.2	17.86	+0.06	17.88	+0.05
Rôda (Cairo)	7.2	15.70	+0.27	15.60	+0.22

Pressure and Wind at 8h 7-2-1937 الضغط والرياح ٧-٢-١٩٣٧



General Situation

Little change in the distribution of pressure over Egypt. Pressure decreases from a high over Middle Egypt to a depression over the Aegean Sea.

At 8h. on *6-2-1937* الساعة ٨ يوم ٦-٢-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. mb	Diff. from normal mb	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm	مرصد
Limassol	1017	0	—	0	10	—	—	—	—	—	—	0	—	—	—	0	—	320	ليماسول
Haifa	1018.7	+3.3	ESE	1	14.5	21	+3	7	+1	57	-6	0	—	—	—	0	527	532	حيفا
Gaza	1016.6	+2.4	SSE	1	11.1	21	+3	7	-1	86	+11	0	7	—	0	0	359	281	غزة
Ships	13130	—	43006	—	14601	—	18777	—	30023	—	41343	—	35311						سفن

WIND VELOCITY

	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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible 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 FORM

Cirrus	Ci
Cirro cumulus	Cc
Cirro stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO
Time of sunrise h. m. 06 41
sunset h. m. 17 38

Month February 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14h. on 7th — الساعة ١٤ يوم ٧ | At 8h. on Monday 8th — الساعة ٨ يوم الاثنين ٨

No.	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1014.6	SW	5	18.8	37	3	5	1017.2	-1.0	WNW	3	10.4	20	—	9	—	85	—	0	5	—	5	dr	84	—
131	MATRÛH	1016.4	SW	4	19.6	41	2	6	1015.4	-2.7	W	3	12.0	20	+2	11	+3	89	+13	1	6	Sc	1	0	126	122
	DIKHEILA	1019.6	W	3	18.1	70	3	—	1015.7	—	WSW	4	12.7	20	—	11	—	74	—	2	8	Cb	0	0	—	—
132	ALEXANDRIA	1018.6	WSW	2	19.0	58	2	7	1015.1	-3.1	SW	5	14.8	21	+2	12	+1	70	-2	2	8	Cu	0	0	160	157
	DAMIETTA								1015.1	—	SW	2	12.8	23		10	—	68	—	4	—	—	—	0	63	84
134	PORT SAÏD	1020.6	NW	4	21.2	62	0	8	1016.4	-0.2	SW	5	14.6	22	+3	12	+1	68	-8	1	8	Cs	1	0	34	55
135	EL 'ARÎSH	1018.3	NNW	2	16.6	67	0	6	1016.6	—	S	1	15.5	20	—	10	—	63	—	0	6	Cb	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1015.6	-1.5	SW	4	11.1	22	+2	10	+3	63	-19	2	8	—	1	0	52	76
137	MANSÛRA								1015.2	—	SW	2	11.9	21	+1	8	-1	66	-13	2	4	—	1	0	23	33
138	TANTA								1015.9	-1.6	SSW	3	13.0	23	+3	7	0	66	-15	3	6	—	2	0	27	26
139	ZAGÂZÎG								1016.7	—	SW	4	12.8	21	0	6	0	70	-10	3	8	—	0	0	12	16
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1019.0	W	2	20.1	53	2	9	1017.0	—	S	4	14.4	20	—	10	—	59	—	2	7	Ac	1	0	—	—
	CAIRO EZBEKÎYA	1018.0	NNW	1	20.1	47	0	7	1016.8	-1.8	SSW	4	12.6	23	+3	9	+1	58	-18	1	5	Sc	4	0	8	20
	CAIRO GÎZA	1018.0	W	1	20.8	49	2	5	1017.1	-2.1	SSE	3	12.4	22	+2	8	+2	60	-17	1	5	Sc	4	0	10	18
143	HELWÂN	1018.6	WNW	2	18.9	45	0	8	1018.4	-0.2	SSE	3	12.4	20	0	9	+1	50	-15	1	7	Ac	0	0	12	20
144	SUEZ								1018.2	+0.1	S	2	14.5	22	+2	10	0	53	-19	3	—	—	—	0	12	17
	UPPER EGYPT																									
153	FAIYÛM								1018.6	-0.2	SSE	2	10.7	23	+2	8	+2	67	+1	2	7	—	1	0	4	9
154	MINYA								1019.9	+1.2	SSE	3	13.3	22	+1	10	+3	56	-20	0	7	—	—	0	6	—
155	ASYÛT	1018.4	WNW	3	22.0	30	0	7	1020.8	+1.2	SE	2	11.5	23	+2	6	-1	70	+5	0	6	—	0	0	0	4
156	QENA								1020.0	+2.3	W	2	12.0	26	+2	6	-1	66	+3	0	5	—	0	0	dr	—
157	LUXOR								1019.8	—	—	0	12.1	25	—	5	—	67	—	0	7	—	0	0	dr	—
158	ASWÂN	1015.8	N	1	23.0	19	0	6	1019.9	+1.6	—	0	12.5	24	-1	8	-2	47	0	0	6	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1018.6	SW	3	21.6	39	0	6	1019.8	+1.0	—	0	13.9	24	+3	7	+2	72	+4	0	6	—	0	0	25	4
149	BAHARÎYA	1018.8	WSW	3	21.2	42	0	9	1019.4	—	WSW	3	13.1	22	—	7	—	57	—	0	9	—	1	0	17	—
151	KHÂRGA	1018.4	N	3	21.4	41	0	9	1021.2	+2.5	—	0	10.8	22	-2	6	0	61	+1	0	9	—	0	0	0	0
152	DÂKHLA	1018.8	NNW	1	20.7	28	0	9	1022.2	+2.9	—	0	8.1	23	0	4	-2	52	+2	0	8	—	0	0	dr	—
	RED SEA																									
145	TÔR								1019.0	+1.6	N	2	12.8	21	0	8	-1	47	-12	0	6	—	0	0	3	11
146	HURGHÂDA								1018.4	+1.5	WNW	3	15.5	22	0	9	-1	48	-6	0	9	—	0	0	dr	0
147	QUSEIR								1018.8	+2.2	W	2	18.9	23	0	14	0	48	+2	0	7	—	0	0	1	7
169	PORT SUDAN								1015.5	+0.4	N	3	21.8	26	-1	19	0	45	-17	3	—	—	—	0	42	101
	NORTH SUDAN																									
165	WÂDI HALFA	1017.3	N	3	22	-	2	8	1020.5	+2.2	NNW	3	11.3	26	0	8	0	63	+17	4	8	Ac	1	—	—	—
166	KAREIMA	1014.4	NE	2	25	-	2	8	1017.2	+1.2	N	1	17.5	26	-4	17	+5	35	+5	4	8	As	5	dr	dr	1
167	'ATBARA	1013.0	N	3	27.3	-	2	—	1015.2	+1.0	N	3	20.0	30	-1	17	+3	32	+6	2	—	—	—	0	5	1
168	KHARTÛM	1010.3	NNW	5	29	-	4	8	1015.0	+1.5	NNE	4	19.5	30	-3	16	0	26	0	1	7	Ac	2	0	4	5
170	KASSALA	1006.6	N	5	32	-	0	8	1013.4	+1.4	E	1	19.5	33	-2	16	-1	72	+13	0	7	—	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI	1006.5	SSW	4	31.6	—	0	—	1013.6	+0.7	NW	3	17.9	32	-3	14	-1	21	-9	0	—	—	—	0	56	13
173	DUEIM								—	—	NW	3	23.2	34	0	18	+4	8	-20	0	—	—	—	0	21	12
182	RENK														—		—		—							
172	ROSEIRES								1013.4	+2.1	W	2	20.7	36	-1	16	0	27	-10	0	—	—	—	0	3	37
174	EL OBEID								1015.5	+0.3	NNW	2	16.9	29	-2	13	+2	35	+8	1	8	Ci	0	0	23	19
175	EL FÂSHER								1017.5	+1.1	WNW	1	16.5	32	+1	14	+4	38	+10	0	—	—	—	0	0	8
	S. SUDAN																									
176	MALAKÂL								1013.3	+2.4	NE	3	22.0	35	-1	18	0	23	+3	2	7	Cs	1	0	81	93
177	WÂU								1011.1	+1.0	NW	1	22.9	30	-6	19	+1	71	+28	1	—	—	—	0	200	149
178	JÛBA								1011.8	+1.7	SSW	3	22.8	31	-7	21	0	91	+40	2	7	Cs.St	1	0	161	144
179	Geneina								—	—	NE	3	15.1	31	—	14	—	39	—	3	8	Cs.Ac	1	—	—	—
180	Gallabat																									

Upper Wind Observations on 8th — ارصاد الرياح العليا يوم ٨

Dir. E. of N. / Kms. per hour

Height metres above M.S.L.	Salum 07 h.00 m. Dir.	Salum Kms.	Matrah 07 h.00 m. Dir.	Matrah Kms.	Dikheila 08 h.00 m. Dir.	Dikheila Kms.	Almaza 07 h.30 m. Dir.	Almaza Kms.	Cairo 08 h.30 m. Dir.	Cairo Kms.	Helwan 08 h.30 m. Dir.	Helwan Kms.	Asyut 07 h.00 m. Dir.	Asyut Kms.	Aswan 07 h.00 m. Dir.	Aswan Kms.	W. Halfa 07 h.00 m. Dir.	W. Halfa Kms.	Kareima 06 h.00 m. Dir.	Kareima Kms.	Khartum 06 h.00 m. Dir.	Khartum Kms.	Geneina 07 h.00 m. Dir.	Geneina Kms.	El Obeid 06 h.00 m. Dir.	El Obeid Kms.	Malakal 06 h.00 m. Dir.	Malakal Kms.	Salum 7th 13 h.00 m. Dir.	Salum 7th Kms.
200	290	17	300	45	260	44	190	46	—	—	170	21	—	—	—	—	20	27	—	—	—	—	—	—	—	—	—	—	240	27
500	—	—	310	54	260	48	220	57	240	57	230	45	270	23	0	42	10	34	0	39	50	24	—	—	—	—	30	63	—	—
1000	320	33	320	54	300	56	230	54	260	35	240	42	260	21	0	10	0	29	20	40	70	18	0	64	20	56	30	56	240	39
1500	320	48	310	57	300	54	250	52	260	33	250	61	270	21	350	6	10	5	310	14	200	11	60	43	30	34	50	35	260	37
2000	330	48					270	48			250	49	300	36			340	14	270	21	230	14	180	31	90	11				
3000																			290	45	250	11	220	29	250	8				
4000																			280	63			200	51						
5000																														
6000																														

Forecast for 24 hours from noon on 8th

On the coast fresh west to northwest winds strong at times.
Inland moderate to fresh south to west winds.
Some low cloud. Possibly light showers near the coast. Slightly cooler tomorrow, temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٨
رياح نسبية غربية الى شمالية غربية تشتد في بعض الاوقات على السواحل
ورياح بالداخل معتدلة والشديدة نوعاً جنوبية الى جنوبية غربية والغرب في الداخل. ظهور السحاب المنخفض
ويحتمل ان تنزل مطر خفيف بالقرب من السواحل
ويبرد الطقس نوعاً غداً ودرجة الحرارة حول المعدل

STATION	Mean of day: Humidity % on 7th	Humidity Diff. from normal	Wet Bulb Temp. °C on 7th	Wet Bulb Diff. from normal
Alexandria	69	+5	13.0	+2.0
Ezbekiya	77	+13	11.7	+1.3
Giza	80	+13	10.8	+0.6
Helwân	60	+7	10.9	+1.7

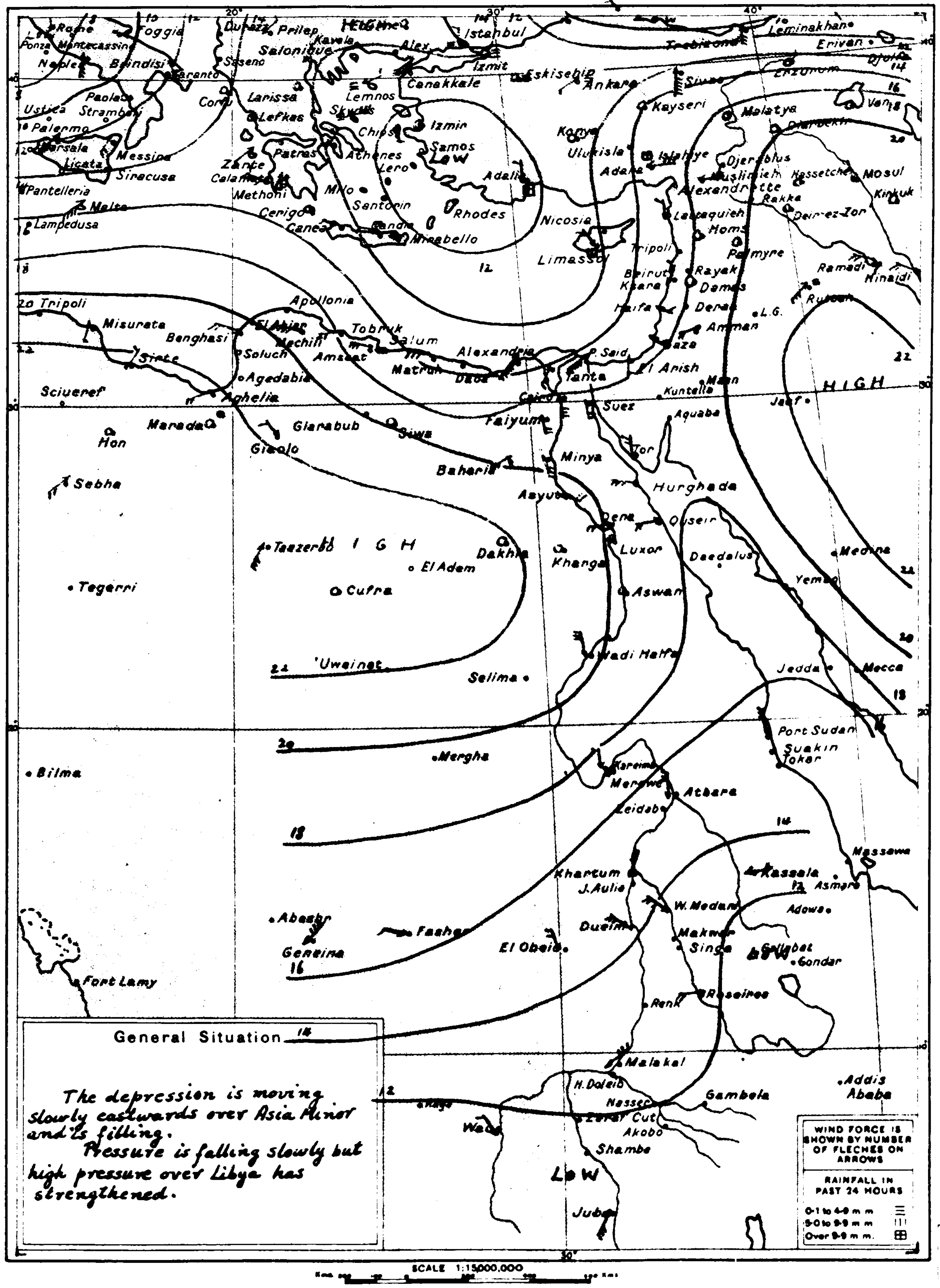
Giza Grass minimum on 8th 5.7 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
8.2	975	1216
7.2	1032	1218

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8.2	13.23	-0.09	13.21	-0.12
Nâsser	7.2	5.36	-0.05	5.37	-0.06
Malakâl	8.2	10.28	-0.36	10.29	-0.37
Roseires	8.2	12.20	+0.43	12.22	+0.44
Sennâr Res.	7.2	20.64	—	20.66	—
Khartûm	7.2	10.30	-0.20	10.36	-0.14
Kh. el Girba					
'Atbara	8.2	10.12	-0.24	10.12	-0.26
Kajnarti	7.2	132.71	-0.51	132.76	-0.48
Wâdi Halfa					
Aswân Res.	8.2	120.27	—	120.31	—
" D.S.	8.2	85.82	-0.56	85.97	-0.49
El Leisi	8.2	17.84	+0.06	17.86	+0.06
Rôda (Cairo)	8.2	15.73	+0.25	15.70	+0.27

١٩٣٧-٢-٨ Pressure and Wind at 8h 8-2-1937



General Situation

The depression is moving slowly eastwards over Asia Minor and is filling.
Pressure is falling slowly but high pressure over Libya has strengthened.

At 8h. on 7-2-1937 — الساعة ٨ يوم ٧-٢-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limessol	1017	+1	NNW	1	12	—	—	—	—	—	—	0	—	—	—	—	—	323	ليماسول
Haifa	1020.3	+5.0	SSE	1	12.4	21	+3	10	+2	73	+18	0	—	—	—	0	527	535	حيفا
Gaza	1021.9	+5.7	—	0	11.7	21	+3	7	-1	87	+12	0	9	—	0	0	359	283	غزة
Ships	13235 — 36706 — 34500 — 16876																		سفن

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ... P.T 100
Abroad ... P.T 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. 06 m. 40
sunset h. 17 m. 39

Month *February* 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 8th — الساعة ١٤ يوم ٨ ; At 8h. on Tuesday 9th — الساعة ٨ يوم الثلاثاء ٩

	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.
130	MEDITERRANEAN: SALÛM	1017.8	NW	3	17.6	46	2	6	1019.0	+0.8	S	2	10.4	18	—	9	—	75	—	0	5	—	0	0	84	—
131	MATRÛH	1016.3	NW	5	17.0	69	2	6	1018.6	+0.6	SSW	3	10.3	18	0	9	+1	86	+10	0	6	—	0	0	126	122
	DIKHEILA														—		—		—							—
132	ALEXANDRIA	1015.4	WNW	4	19.1	72	3	9	1019.4	+1.2	SW	2	13.3	20	+1	12	+1	86	+14	3	7	Cu	2	0	160	158
	DAMIETTA								1019.0	—	SSW	1	10.2	21	—	8	—	97	—	0	—	—	—	dr	63	84
134	PORT SAÏD	1015.4	NW	5	20.2	61	0	8	1019.9	+3.4	NW	1	14.3	21	+2	13	+2	88	+12	0	8	—	1	5	34	55
135	EL 'ARÎSH	1014.4	WNW	3	18.3	68	1	6	1019.1	—	SSW	1	14.5	21	—	11	—	85	—	0	5	—	0	0	—	—
136	LOWER EGYPT: DAMANHÛR								1019.6	+2.6	SW	3	10.2	21	+1	9	+2	94	+12	1	5	—	1	0	52	77
137	MANSÛRA								1018.7	—	N	1	9.0	23	+3	7	0	95	+16	0	5	—	4	0	23	33
138	TANTA								1019.5	+2.0	SW	2	10.5	23	+3	7	0	94	+14	0	7	—	1	0	29	26
139	ZAGÂZÎG								1020.4	—	SW	2	10.6	22	+1	7	+1	92	+12	2	7	—	—	dr	12	16
141	MIDDLE EGYPT: CAIRO ALMÂZA	1016.2	W	4	20.8	37	3	9	1019.8	—	S	2	14.3	21	—	8	—	77	—	1	7	Sc	2	0	—	—
	CAIRO EZBEKÎYA	1015.5	NW	2	21.9	43	1	7	1019.6	+1.0	—	0	12.4	22	+2	9	+1	88	+12	3	4	Cu	1	0	8	20
	CAIRO GÎZA	1015.4	NW	2	21.8	33	2	5	1020.0	+0.9	SSE	1	10.3	22	+2	7	+1	96	+19	2	5	Sc	1	0	10	18
143	HELWÂN	1015.4	WSW	4	21.0	29	2	8	1021.6	+3.0	E	1	11.4	21	+1	9	+1	89	+24	3	5	Sc	1	0	12	20
144	SUEZ								1020.3	+2.2	NNE	1	12.0	23	+3	10	0	79	+7	0	—	—	—	0	12	17
153	UPPER EGYPT: FAIYÛM								1020.7	+2.0	SSE	1	12.3	23	+2	8	+2	72	+7	0	6	—	0	0	4	9
154	MINYA								1019.9	+1.3	NNW	1	12.7	23	+2	8	+1	69	-6	0	6	—	—	0	6	—
155	ASYÛT	1017.2	NW	4	22.5	34	0	7	1022.2	+1.6	SE	2	11.8	24	+2	7	0	67	+2	0	6	Cu	0	0	0	4
156	QENA								1020.0	+2.4	WNW	1	12.0	23	-1	7	-1	64	+1	0	6	—	0	0	dr	—
157	LUXOR								1019.5	—	ESE	1	12.2	25	—	4	—	63	—	0	7	—	0	0	dr	—
158	ASWÂN	1015.5	NNW	1	23.2	24	0	6	1019.8	+1.5	—	0	12.8	25	0	9	-1	50	+1	0	6	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1018.7	NW	2	20.6	46	0	6	1019.4	+0.6	—	0	8.8	21	0	3	-2	69	+1	0	6	—	0	0	25	4
149	BAHARÎYA	1017.1	WNW	3	19.6	49	0	9	1021.0	—	—	0	12.4	20	—	5	—	69	—	0	9	-	0	0	17	—
151	KHÂRGA	1017.0	N	2	24.2	33	0	9	1021.2	+2.6	—	0	11.6	25	+1	6	0	57	-3	0	9	-	0	0	0	0
152	DÂKHLA	1017.2	NNW	3	22.9	25	0	8	1021.9	+2.7	—	0	9.8	24	+1	6	0	38	+8	0	9	—	0	0	dr	—
145	RED SEA: TÔR								1019.2	+1.9	N	3	14.1	24	+3	9	0	56	-3	0	6	—	0	0	3	11
146	HURGHÂDA								1019.4	+2.6	WNW	4	17.5	23	+1	11	+1	44	-10	0	9	-	0	0	dr	0
147	QUSEIR																									
169	PORT SUDAN	1014.3	NE	3	23.7	—	4	—																		
165	NORTH SUDAN: WÂDI HALFA	1017.7	NW	4	22	—	2	8	1020.1	+1.8	NW	1	10.8	23	-3	6	-2	52	+6	0	8	—	0	—	—	—
166	KAREIMA	1015.9	NE	2	22	—	4	8	1017.3	+1.4	—	0	15.8	23	-8	13	0	33	+3	2	8	Ac	1	dr	dr	1
167	'ATBARA	1013.1	N	4	24.8	—	2	—	1014.7	+0.5	N	4	19.0	25	-6	16	+2	30	+5	3	..	—	—	0	5	1
168	KHARTÛM	1010.6	NNE	3	31	—	0	7	1014.5	+1.0	NNW	4	18.4	32	-1	14	-2	35	+9	3	7	Ac	0	0	4	5
170	KASSALA	1008.7	NE	3	31	—	0	8	1013.5	+1.5	E	1	19.9	32	-3	16	-1	55	-4	0	8	Ci,Ac	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI								1013.5	+0.6	N	3	18.8	32	-3	16	+1	24	-6	0	—	—	—	0	56	13
173	DUEIM								—	—	N	3	21.8	32	-2	15	+1	—	—	0	—	—	—	0	21	12
182	RENK									—					—		—		—							
172	ROSEIRES								1011.4	+0.1	NNE	2	23.7	36	-1	20	+4	19	-18	1	—	—	—	0	3	37
174	EL OBEID								1015.3	+0.2	NNW	2	15.0	30	-1	13	+2	35	+8	2	8	Cs,Ac	0	0	23	19
175	EL FÂSHER								1016.2	+2.9	NW	1	15.8	32	+1	15	+5	38	+10	2	—	—	—	0	0	8
176	S. SUDAN: MALAKÂL								1011.9	+1.0	NNE	3	24.6	36	0	22	+4	22	+2	2	8	Ci,Ac	2	0	81	93
177	WÂU								1011.4	+1.4	N	3	22.0	36	0	20	+2	70	+28	1	—	—	—	0	200	149
178	JÛBA								1010.5	+0.4	NE	3	25.2	33	-5	20	-1	54	+3	3	7	As	0	0	161	144
179	Geneina								—	—	NE	3	15.4	32	—	15	—	30	—	4	8	Fr	1	—	—	—
180	Gallabat								—	—	N	2	23.0	34	—	19	—	48	—	2	—	—	—	0	—	—

Upper Wind Observations on 9th — ارصاد الرياح العليا يوم ٩

Dir. E. of N. / Kms. per hour

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms.	Matrah 07h.00m. Dir.	Kms.	Almaza 08h.00m. Dir.	Kms.	Cairo 08h.30m. Dir.	Kms.	Helwan 07h.30m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 07h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Ismailia 07h.00m. Dir.	Kms.	Salum 8th 13h.00m. Dir.	Kms.
200	200	4	230	13	210	12	180	14	170	8	—	—	—	—	20	21	—	—	—	—	—	—	—	—	—	—	300	8	290	17
500	—	—	270	26	250	9	200	10	160	10	20	16	10	32	30	31	30	48	0	34	—	—	—	—	20	55	300	11	—	—
1000	180	16	290	31	310	22	Ent Cu		300	21	10	18	10	22	20	31	40	37	10	50	0	50	30	56	30	79	310	14	310	45
1500	180	22	320	26					300	21	0	22	320	12	20	34	30	24	30	40	100	32	40	42	40	56	290	23	330	24
2000	310	24	310	26					320	28	350	12			210	6	340	21	340	35	120	16	70	43			310	18		
3000	330	32															280	21	340	35	240	24	80	8			320	40		
4000																			320	45							320	50		
5000																											320	62		
6000																											320	87		

Forecast for 24 hours from noon on 9th

On the coast moderate to fresh southwesterly winds becoming westerly later.
Inland light to moderate variable winds chiefly between south and southwest.
Occasional medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٩
رياح جنوبية غربية بين المعتدلة والشديدة ثم تحول الى غربية على السواحل
رياح بين الخفيفة والمعتدلة مختلفة الاتجاه وغالباً بين جنوبية وجنوبية غربية في الداخل
يظهر بعض السحاب المتوسط الارتفاع
ولا تتغير درجة الحرارة الا قليلا

STATION	Mean of day Humidity % on 8th	Diff from normal	Wet Bulb Temp. °c on 8th	Diff from normal
Alexandria	68	+4	13.9	+2.9
Ezbekiya	58	-6	12.3	+1.8
Giza	58	-9	11.5	+1.3
Helwân	47	-6	10.7	+1.5

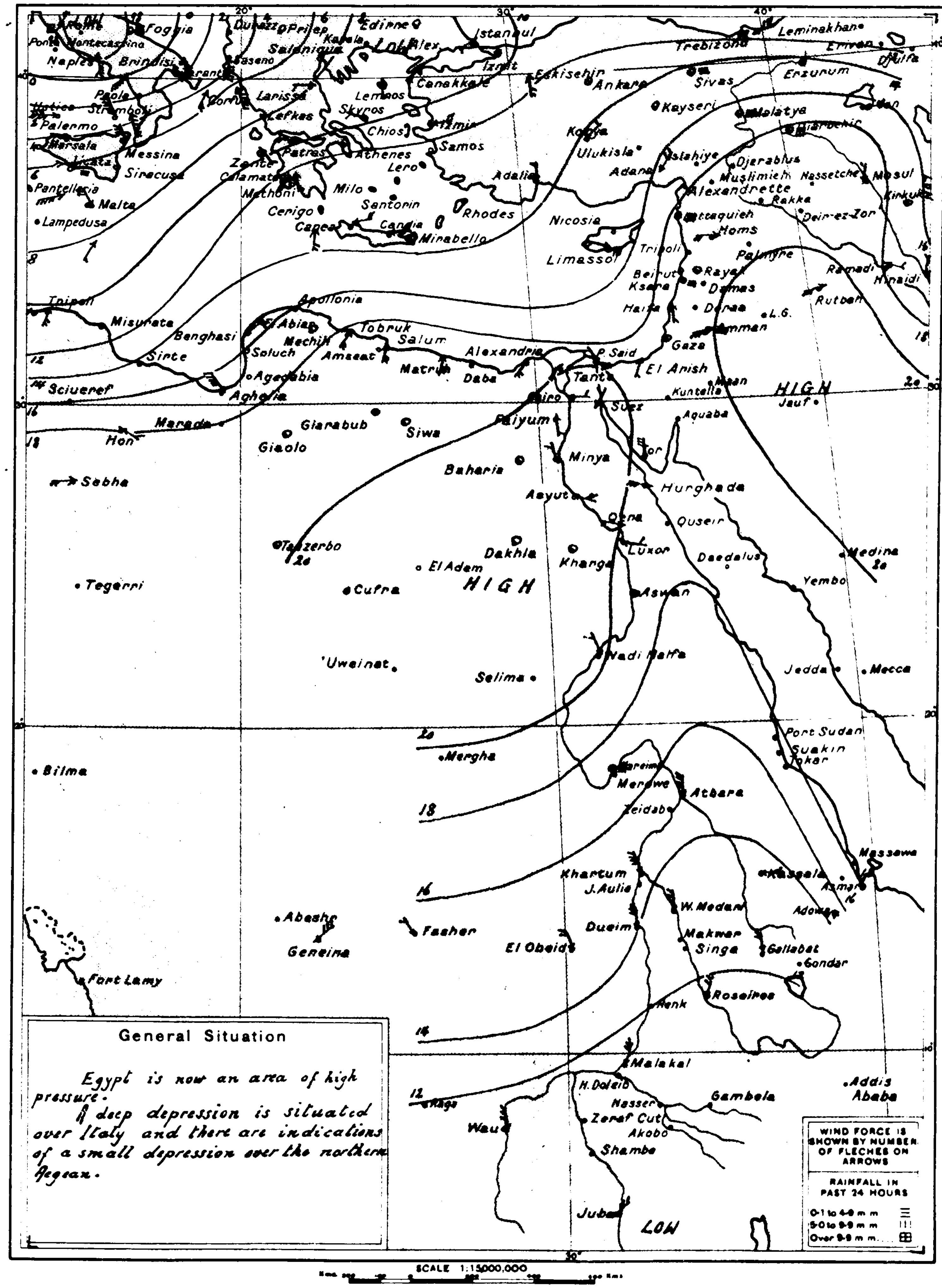
Giza Grass minimum on 9th 3.2 °c

Discharges at Aswân measured by sluices m^3 per sec.

DATE	1937	1936
9.2	917	1171
8.2	975	1216

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8.2	13.23	-0.09	13.21	-0.12
Nâsser	7.2	5.36	-0.05	5.37	-0.06
Malakâl	8.2	10.28	-0.36	10.29	-0.37
Roseires	9.2	12.18	+0.43	12.20	+0.43
Sennâr Res.	8.2	20.62	—	20.64	—
Khartûm	8.2	10.27	-0.23	10.30	-0.20
Kh. el Girba					
'Atbara	9.2	10.10	-0.25	10.12	-0.24
Kajnarti	8.2	131.65	-0.83	132.71	-0.51
Wâdi Halfa					
Aswân Res.	9.2	120.26	—	120.27	—
„ D. S.	9.2	85.70	-0.66	85.82	-0.56
El Leisi	9.2	17.84	+0.06	17.84	+0.06
Rôda (Cairo)	9.2	15.77	+0.26	15.73	+0.25

١٩٣٧-٢-٩ Pressure and Wind at 8 h. 9-2-1937



General Situation

Egypt is now an area of high pressure.
A deep depression is situated over Italy and there are indications of a small depression over the northern Aegean.

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 8-2-1937 — الساعة ٨ يوم ٨-٢-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm. °C	Min. To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.	محطة
Limassol	1013	-3	NW	1	12	—	—	—	—	—	—	5	—	—	—	Rain	—	326	ليماسول
Haifa	1016.7	+1.4	ESE	1	13.7	20	+2	9	+1	75	+10	4	—	—	—	0	527	538	حيفا
Gaza	1017.4	+1.2	SE	1	12.9	22	+4	8	0	80	+5	2	6	—	1	0	359	286	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T 100
Abroad ..... P.T 150

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CAIRO

Time of sunrise h. 06 m. 39
sunset h. 17 m. 40

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

DAILY WEATHER REPORT

Month February 1937 ١٩٣٧ شهر فبراير

Pressure and Wind at 8 h. 10-2-1937

	STATION	At 14h. on 9th الساعة ١٤ يوم ٩ Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
	MEDITERRANEAN							
130	SALŪM	1019.9	WSW	5	21.5	28	0	6
131	MATRŪH	1016.8	SW	3	21.4	36	0	6
	DIKHEILA							
132	ALEXANDRIA	1018.6	W	4	19.1	58	0	9
	DAMIETTA							
134	PORT SAÏD	1019.2	NW	3	20.4	54	1	8
135	EL 'ARÎSH	1018.3	NNW	2	17.4	79	0	5
136	LOWER EGYPT: DAMANHŪR							
137	MANSŪRA							
138	TANTA							
139	ZAGÂZÎG							
141	MIDDLE EGYPT: CAIRO: ALMÂZA	1019.2	WSW	2	21.2	42	0	9
	EZBEKÎYA	1018.0	NW	2	22.0	44	0	7
	GÎZA	1017.6	SW	1	23.2	38	0	5
143	HELWÂN	1018.6	WNW	2	20.6	40	0	8
144	SUEZ							
153	UPPER EGYPT: FAIYŪM							
154	MINYA							
155	ASYŪT	1018.2	NNW	2	22.0	36	0	7
156	QENA							
157	LUXOR							
158	ASWÂN	1016.9	N	1	23.0	25	0	6
148	WESTERN DESERT: SÎWA	1018.3	—	0	22.0	42	0	6
149	BAHARÎYA	1018.3	NNW	1	21.5	46	0	9
151	KHÂRGA	1017.9	NE	1	22.0	44	0	9
152	DÂKHLA	1017.6	ENE	1	22.0	32	0	9
145	RED SEA: TÓR							
146	HURGHÂDA							
147	QUSEIR							
169	PORT SUDAN	1014.2	NE	6	25.0	—	2	—
165	NORTH SUDAN: WÂDI HALFA	1017.2	N	3	23	—	0	8
166	KAREIMA	1014.0	NNE	2	27	—	1	8
167	'ATBARA	1011.1	NE	3	29.8	—	2	—
168	KHARTŪM	1011.1	NNW	4	28	—	2	7
170	KASSALA	1006.7	NE	2	32	—	0	9
171	CENTRAL SUDAN: WAD MEDANI	1010.3	NW	4	30.4	—	0	—
173	DUEIM							
182	RENK							
172	ROSEIRES							
174	EL OBEID	1009.3	NE	4	27	—	3	8
175	EL FÂSHER	1008.4	NE	1	26.0	—	4	—
176	S. SUDAN: MALAKÂL	1005.4	NE	3	36	—	2	7
177	WÂU	1005.1	NE	3	35.0	—	1	—
178	JŪBA	1005.4	NNE	2	35	—	3	7
179	Gondar	1014.3	E	4	28	—	3	8
180	Gallabat	1004.8	N	4	32.7	—	1	—

	STATION	At 8h. on Wednesday 10th الساعة ٨ يوم الأربعاء ١٠ BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	Diff. from norm. °C	MINIMUM Today °C	Diff. from norm. °C	HUMIDITY %	Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																		
130	SALŪM	1012.6	-5.5	WSW	6	14.3	27	—	10	—	41	—	3	5	Cu	0	0	84	—
131	MATRŪH	1013.9	-4.1	S	6	14.6	22	+4	11	+3	45	-31	6	4	Sc	1	0	126	123
	DIKHEILA							—		—		—							
132	ALEXANDRIA	1017.6	-0.5	S	3	12.8	21	+2	11	0	70	-2	0	8	—	0	0	16.0	159
	DAMIETTA	1018.7	—	SSE	1	13.8	20	—	10	—	90	—	0	—	—	—	0	63	85
134	PORT SAÏD	1019.5	+3.0	SE	4	14.2	22	+3	12	+1	74	-1	0	8	—	0	0	34	56
135	EL 'ARÎSH	1019.2	—	—	0	14.3	20	—	9	—	77	—	0	5	—	0	0	—	—
136	LOWER EGYPT: DAMANHŪR	1018.3	+1.4	SE	2	11.0	22	+2	10	+3	79	-2	0	4	—	1	0	52	78
137	MANSŪRA	1018.0	—	SE	1	9.5	22	+2	6	-1	92	+13	0	7	—	1	0	23	34
138	TANTA	1018.0	+0.6	—	0	11.0	23	+3	8	+1	85	+5	0	7	—	1	0	29	27
139	ZAGÂZÎG	1018.7	—	SE	3	12.0	21	0	7	+1	69	-11	1	8	—	—	0	12	16
141	MIDDLE EGYPT: CAIRO: ALMÂZA	1018.3	—	ESE	1	15.9	22	—	8	—	54	—	0	7	—	0	0	—	—
	EZBEKÎYA	1019.3	-0.2	SSE	1	11.1	23	+3	8	0	73	-3	2	—	Cs	1	0	8	20
	GÎZA	1018.0	-1.1	SSE	1	12.1	24	+4	5	-1	75	-1	2	5	Cs	1	0	10	18
143	HELWÂN	1018.7	+0.2	E	1	14.0	22	+2	10	+2	58	-7	0	6	—	0	0	12	21
144	SUEZ	1019.2	+1.1	—	0	14.0	20	0	10	0	67	-5	0	—	—	—	0	12	17
153	UPPER EGYPT: FAIYŪM	1018.7	0.0	—	0	13.5	24	+3	8	+1	54	-11	0	6	—	0	0	4	9
154	MINYA	1019.0	+0.4	N	1	11.8	21	0	8	+1	71	-4	0	6	—	—	0	6	—
155	ASYŪT	1019.2	-0.3	ESE	3	12.0	25	+3	7	0	65	0	0	6	—	0	0	0	4
156	QENA	1018.8	+1.3	N	1	13.0	26	+2	5	-3	52	-11	0	6	—	0	0	dr	—
157	LUXOR	1018.3	..	—	0	13.0	25	—	4	—	62	—	0	7	—	0	0	dr	—
158	ASWÂN	1018.2	0.0	—	0	11.7	24	-2	10	0	47	-2	0	6	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1017.5	-1.2	—	0	9.9	23	+2	4	-1	91	+23	0	6	—	0	0	25	4
149	BAHARÎYA	1018.7	—	—	0	13.0	23	—	4	—	67	—	0	9	—	0	0	17	—
151	KHÂRGA	1019.6	+1.0	—	0	12.8	22	-2	5	-1	67	-7	0	9	—	0	0	0	0
152	DÂKHLA	1019.8	+0.7	—	0	9.0	24	0	5	-1	54	+4	0	9	—	0		dr	—
145	RED SEA: TÓR	1019.4	+2.1	N	2	12.6	22	+1	7	-2	53	-6	0	6	—	0	0	3	11
146	HURGHÂDA	1019.2	+2.5	NNW	3	16.0	22	0	9	-1	43	-11	0	9	—	0	0	dr	0
147	QUSEIR	1019.5	+3.0	WSW	1	18.4	24	+1	14	0	47	+4	0	7	—	0	0	1	3
169	PORT SUDAN	1015.0	0.0	NW	4	26.2	26	-1	16	-3	26	-38	1	—	—	—	0	42	102
165	NORTH SUDAN: WÂDI HALFA	1018.7	+0.5	NNW	1	9.0	23	-3	5	-3	48	+3	0	8	—	0	—	—	—
166	KAREIMA	1016.0	+0.2	NNE	1	14.9	27	-4	10	-3	30	0	1	8	Ci	0	0	dr	1
167	'ATBARA	1016.2	+1.1	NE	3	17.5	29	-2	12	-2	41	+16	0	—	—	—	0	5	1
168	KHARTŪM	1013.0	-0.5	N	5	18.1	29	-4	16	0	19	-6	4	8	As.	2	0	4	5
170	KASSALA	1011.9	0.0	ESE	1	19.7	33	-2	14	-3	55	-3	0	7	Ac	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI	—	—	NE	3	21.0	32	-3	16	+1	28	-2	0	—	—	—	0	56	13
173	DUEIM	—	—	N	3	23.4	31	-3	16	+2	11	-16	1	—	—	—	0	21	12
182	RENK							—		—		—							
172	ROSEIRES	1010.7	-0.5	N	2	23.2	35	-2	18	+2	28	-9	1	—	—	—	0	3	37
174	EL OBEID	1013.5	-1.5	N	2	17.9	29	-2	14	+3	20	-6	0	8	Ci. Ac	1	0	23	19
175	EL FÂSHER	1015.0	+1.7	NE	1	16.5	28	-3	14	+4	33	+5	2	—	—	—	0	5	8
176	S. SUDAN: MALAKÂL	1010.2	-0.6	NE	2	23.6	36	0	20	+2	32	+12	2	7	Ci	2	0	81	93
177	WÂU	1009.8	-0.2	NW	2	23.0	36	0	19	+1	38	-4	2	—	—	—	0	200	149
178	JŪBA	1011.5	+1.4	NNE	1	22.8	37	-1	19	-2	66	+5	3	5	Cs	0	0	161	149
179	Gondar	—	—	E	2	13.7	42	—	—	—	5	—	4	8	Ac. Pa	1	—	—	—
180	Gallabat	—	—																

Upper Wind Observations on 10th ارصاد الرياح العليا يوم ١٠

Height metres above M.S.L.	Malakal 07 h. 00 m. Dir. E. of N.	Kms. per hour	Almaza 07 h. 45 m. Dir. E. of N.	Kms. per hour	Asyut 07 h. 00 m. Dir. E. of N.	Kms. per hour	Aswan 07 h. 00 m. Dir. E. of N.	Kms. per hour	H. Halfa 07 h. 00 m. Dir. E. of N.	Kms. per hour	Kareima 06 h. 00 m. Dir. E. of N.	Kms. per hour	Khartum 06 h. 00 m. Dir. E. of N.	Kms. per hour	Geneina 07 h. 00 m. Dir. E. of N.	Kms. per hour	El Obeid 06 h. 00 m. Dir. E. of N.	Kms. per hour	Malakal 06 h. 00 m. Dir. E. of N.	Kms. per hour	Juba 07 h. 00 m. Dir. E. of R.	Kms. per hour	Juba 13 h. m. Dir. E. of N.	Kms. per hour	Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour
200	240	72	160	47	—	—	—	—	50	11	—	—	—	—	—	—	—	—	—	—	—	—	250	28						
500	240	15	110	4	130	11	60	29	60	23	50	48	30	53	—	—	—	—	40	69	—	—	—	—						
1000	210	45	170	15	160	22	60	20	60	21	60	47	40	37	100	34	30	42	30	76	320	34	190	4						
1500			170	26	160	10	60	16	90	11	150	14	320	27	150	24	50	37	50	43	0	32	250	34						
2000			140	30	200	11			350	8	160	5	280	24	200	27	150	14	50	29	30	27	230	25						
3000			170	19							290	16	290	24	230	35	50	6			30	13	300	19						
4000																	290	32												
5000																														
6000																														

Forecast for 24 hours from noon on....

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

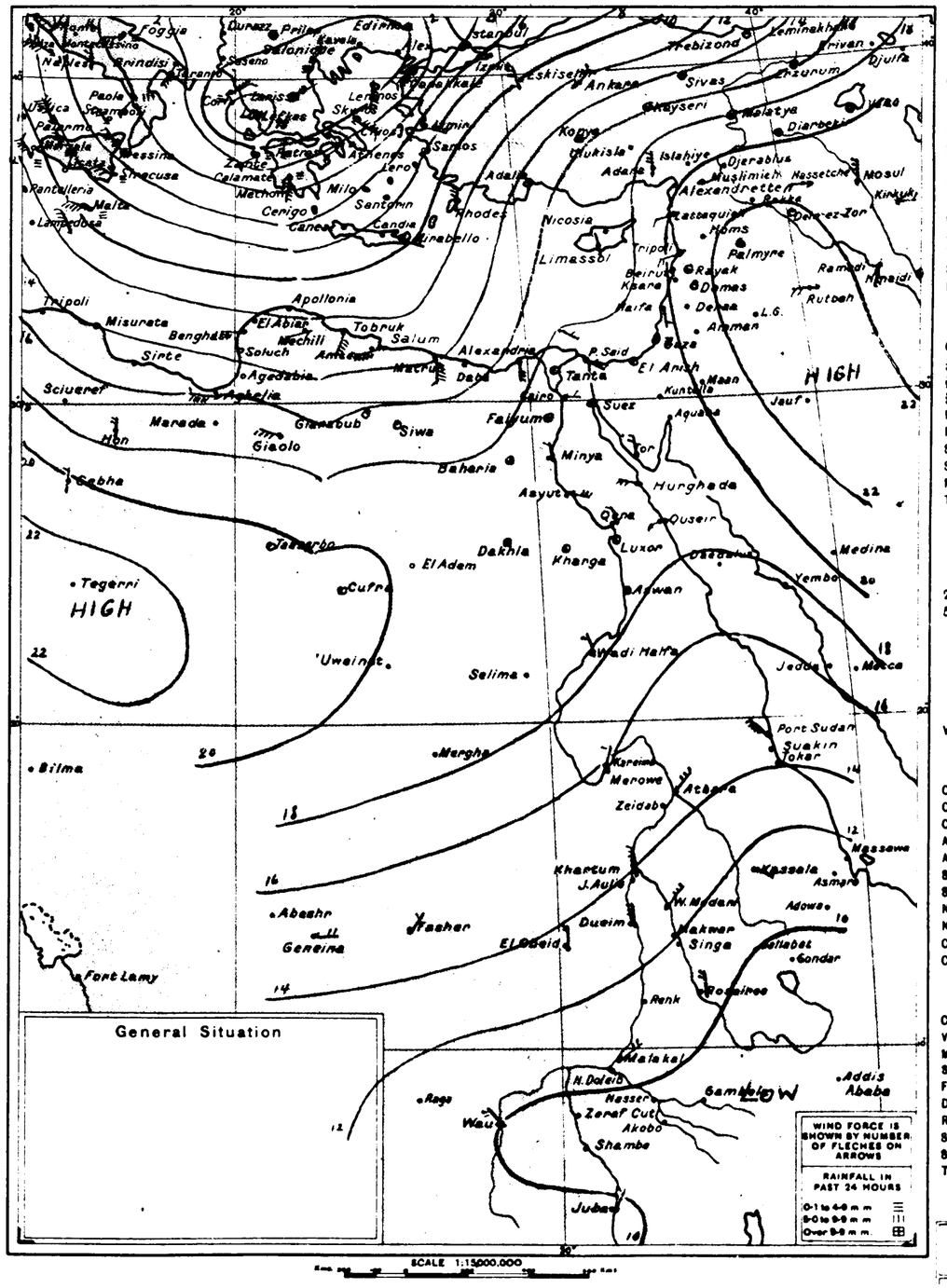
STATION	Mean of day HUMIDITY % on 9th	Diff from normal	WET BULB TEMP. °C on 9th	Diff from normal
Alexandria	72	+8	17.8	+1.7
Ezbekiya	72	+8	12.7	+2.2
Giza	75	+8	12.2	+2.0
Helwân	61	+8	11.7	+2.4

Giza Grass minimum 9th 1.4 °C

Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
10-2	891	1159
9-2	917	1171

GAUGE	Date 1937	Reading m	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jūba	10-2	12.21	-0.11	12.29	-0.03
Nâsser	9-2	5.29	-0.09	5.31	-0.04
Malakâl	10-2	10.23	-0.32	10.28	-0.34
Roseires	10-2	12.16	+0.03	12.18	+0.03
Sennâr Res.	10-2	20.59	—	20.60	—
Khartûm	10-2	10.24	-0.18	10.24	-0.19
Kh. el Girba					
'Atbara	10-2	10.06	-0.28	10.10	-0.25
Kajnarti	10-2	132.53	-0.58	132.58	-0.56
Wâdi Halfa					
Aswân Res.	10-2	120.23	—	120.26	—
.. D. S.	10-2	85.66	-0.65	85.70	-0.66
El Lessi	10-2	17.82	+0.09	17.84	+0.08
Rôda (Cairo)	10-2	15.82	+0.28	15.77	+0.26



STATION	At 8h. on 9-2-1937 الساعة ٨ يوم ١٩٣٧-٢-٩ BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	Diff. from norm. °C	MINIMUM To-day °C	Diff. from norm. °C	HUMIDITY %	Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Almaza	1015	-1	NNW	2	13	—	—	—	—	—	—	0	—	1	—	Rain	—	329	هليوبوليس
Haifa	1018.4	+3.2	SSE	1	14.2	21	+3	11	+3	76	+11	0	—	—	—	0	527	541	حيفا
Gaza	1019.1	+3.0	—	0	12.2	21	+3	10	+2	91	+16	4	4	—	2	0	359	289	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible 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 FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. 06 m. 37
sunset h. 17 m. 41

Month February 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٣٧/٢/١١

At 14h. on 10.2 — الساعة ١٤ يوم ١٠ | At 8h. on Thursday 11 — الساعة ٨ يوم الخميس ١١

No.	Region	Station	14h Bar. Pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present weather	14h Visibility	8h Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall past 24 hours m.m.	Total 1st Oct. to yesterday m.m.	Normal 1st Oct. to yesterday m.m.
130	Mediterranean	SALÛM	1011.4	SW	5	22.7	28	6	5	1017.8	-0.3	W	4	8.2	23	—	7	—	81	—	0	5	—	0	0	84	—
131	Mediterranean	MATRÛH	1012.4	SSW	4	23.4	24	6	4	1016.2	-1.8	WSW	2	11.6	25	+7	11	+3	80	+5	0	6	—	0	0	126	124
	Mediterranean	DIKHEILA														—		—		—							—
132	Mediterranean	ALEXANDRIA	1015.6	SSW	4	23.5	29	0	7	1016.0	-2.0	SW	1	14.2	24	+5	12	+1	80	+8	0	8	—	0	0	160	160
	Mediterranean	DAMIETTA								1014.0	—	S	2	15.0	24	—	9	—	53	—	0	—	—	—	0	63	86
134	Mediterranean	PORT SAÏD	1017.0	NE	3	21.2	57	0	8	1016.3	-0.1	SW	5	15.5	22	+3	12	+1	65	-10	0	8	—	0	0	34	56
135	Mediterranean	EL 'ARÎSH	1010.3	—	0	17.3	76	0	5	1016.4	—	SSW	1	19.2	24	—	10	—	45	—	0	5	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1015.9	-1.0	SW	2	11.7	25	+5	7	+2	52	-29	0	7	—	0	0	52	79
137	Lower Egypt	MANSÛRA								1015.5	—	SE	1	11.2	25	+5	8	+1	61	-18	0	7	—	0	0	23	34
138	Lower Egypt	TANTA								1016.4	-0.9	—	0	12.0	27	+7	8	+1	65	-15	0	7	—	0	0	29	27
139	Lower Egypt	ZAGÂZÎG								1016.7	—	SSW	2	11.3	25	+4	8	+2	57	-23	1	8	—	—	0	12	17
141	Middle Egypt (Cairo)	ALMÂZA								1016.4	—	SE	2	17.8	25	—	10	—	38	—	0	7	—	0	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1015.6	SW	2	24.1	33	0	8	1016.2	-2.3	SSE	3	12.4	26	+5	10	+2	60	-16	0	—	—	0	0	8	20
	Middle Egypt (Cairo)	GÎZA	1015.2	S	1	24.7	26	0	6	1016.4	-2.6	SSE	3	12.7	25	+5	7	+1	58	-18	0	5	—	1	0	10	18
143	Middle Egypt	HELWÂN	1015.6	SSW	0	23.2	21	0	8	1017.2	-1.3	SSE	1	13.0	24	+4	9	0	44	-21	0	6	—	0	0	12	21
144	Middle Egypt	SUEZ								1016.7	-1.3	E	2	15.5	22	+2	10	0	49	-23	0	—	—	—	0	12	17
153	Upper Egypt	FAIYÛM								1017.4	-1.3	SSE	2	12.3	25	+4	7	0	51	-14	0	5	—	0	0	4	9
154	Upper Egypt	MINYA								1017.9	-0.6	SW	2	13.8	24	+3	9	+2	52	-23	0	7	—	—	0	6	—
155	Upper Egypt	ASYÛT	1016.0	SSE	3	24.0	35	0	7	1018.6	-0.8	NE	3	12.4	28	+6	7	0	72	+7	0	6	—	0	0	0	4
156	Upper Egypt	QENA								1017.8	+0.3	NNW	2	12.3	28	+3	7	-1	42	-21	0	6	—	0	0	tr	—
157	Upper Egypt	LUXOR								1016.8	—	—	0	13.3	27	—	5	—	62	—	0	7	—	0	0	tr	—
158	Upper Egypt	ASWÂN	1013.9	N	1	26.6	22	0	6	1016.6	-1.5	—	0	13.7	29	+3	10	0	39	-9	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1013.4	SW	2	25.8	29	0	6	1017.6	+0.9	—	0	11.2	27	+6	7	+2	72	+4	0	6	—	0	0	25	4
149	Western Desert	BAHARÎYA	1015.2	SW	3	24.0	33	0	9	1017.9	—	—	0	10.3	25	—	4	—	59	—	0	9	—	0	0	17	—
151	Western Desert	KHÂRGA	1016.0	N	1	23.2	41	0	7	1018.0	-0.5	—	0	13.0	25	+1	5	-1	84	+5	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1016.5	SE	1	24.1	24	0	7	1017.2	+0.1	—	0	9.0	27	+3	5	-1	48	-2	0	9	—	0	0	tr	—
145	Red Sea	TÔR								1012.1	-0.1	N	3	13.0	23	+8	8	-1	50	-9	0	6	—	0	0	3	11
146	Red Sea	HURGHÂDA								1018.0	+4	WSW	2	18.2	25	[illegible]	10	0	54	0	0	9	—	0	0	tr	0
147	Red Sea	QUSEIR								1017.1	+0.7	W	2	16.9	25	+2	14	0	61	+16	0	7	—	0	0	1	7
164	Red Sea	PORT SUDAN	1013.6	NE	3	25.0	—	1	—	1015.4	+0.4	N	5	23.6	26	-1	18	-1	52	-12	2	—	—	—	0	42	102
165	North Sudan	WÂDI HALFA	1015.3	NNW	2	24	—	0	8	1018.0	-0.2	N	1	16.3	25	-1	7	-2	50	+5	0	8	—	0	—	—	—
166	North Sudan	KAREIMA	1012.3	NE	2	29	—	0	8	1015.2	-0.6	—	0	16.9	30	-1	13	0	36	+6	0	8	—	0	0	tr	1
167	North Sudan	'ATBARA	1008.2	NE	3	30.4	—	1	—	1014.3	+0.2	N	2	18.2	31	0	16	+2	43	+18	3	—	—	—	0	5	1
168	North Sudan	KHARTÛM	1009.3	NNE	4	28	—	4	7	1016.9	-1.5	N	2	21.3	30	-3	16	0	28	+3	1	8	Ac	1	0	4	5
170	North Sudan	KASSALA	1006.3	NW	3	32	—	0	8	1012.3	+0.5	E	1	19.6	34	-1	14	-3	64	+6	6	5	—	0	0	tr	11
171	Central Sudan	WAD MEDANI	1009.3	NW	3	32.0	—	1	—	1011.6	-1.2	N	3	20.0	34	-1	14	-1	31	+2	0	—	—	—	0	56	13
173	Central Sudan	DUEIM								—	—	NW	3	22.6	34	0	15	+1	9	-18	0	—	—	—	0	21	12
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1016.2	0.0	WNW	2	22.3	39	+2	19	+3	33	-4	0	—	—	—	0	3	37
174	Central Sudan	EL OBEID	1007.1	NE	2	31	—	1	8	1012.7	-2.3	NNW	2	19.3	33	+2	16	+5	35	+9	2	8	Ci,Ac	1	0	23	19
175	Central Sudan	EL FÂSHER	1007.9	SE	3	30.0	—	2	—	1011.9	-1.3	W	2	18.5	32	+1	17	+7	33	+5	4	—	—	—	0	0	8
176	S. Sudan	MALAKÂL	1004.7	ENE	1	37	—	3	8	1011.1	+0.3	N	3	23.9	37	+1	19	+1	34	+14	2	8	Ci,Ac	2	0	61	93
177	S. Sudan	WÂU	1004.4	E	2	35.6	—	1	—	1010.2	+0.2	N	1	22.0	37	+1	20	+2	66	+24	2	—	—	—	0	200	150
178	S. Sudan	JÛBA	1005.9	NNE	1	33	—	3	7	1007.9	-0.2	NW	1	25.2	36	-2	24	+3	61	+10	4	6	Sc	6	tr	161	144
179		Geneina	—	N	2	31	—	4	8	—	—	E	2	14.9	31	—	14	—	30	—	3	8	Nb	1	—	—	—
180		Gallabat	1003.1	N	3	30.0	—	0	—																		

Upper Wind Observations on 11.2. — ارصاد الرياح العليا يوم

Height metres above M.S.L.	W. Halfa 07h.00m. Dir. E. of N.	Kms per hour	Kareima 06h.00m. Dir.	Kms per hour	Khartum 06h.00m. Dir.	Kms per hour	Geneina 07h.00m. Dir.	Kms per hour	El Obeid 06h.00m. Dir.	Kms per hour	Malakal 06h.00m. Dir.	Kms per hour	Juba 06h.00m. Dir.	Kms per hour	Ismailia 07h.00m. Dir.	Kms per hour	Abukir 07h.00m. Dir.	Kms per hour	Heliopolis 07h.00m. Dir.	Kms per hour	Ramleh 07h.00m. Dir.	Kms per hour	Amman 07h.00m. Dir.	Kms per hour
200	v	11	—	—	—	—	—	—	—	—	—	—	—	—	210	24	300	[illegible]	210	37	210	19	—	—
500	40	24	40	37	30	33	—	—	—	—	30	63	230	6	230	31	270	26	230	42	200	11	—	—
1000	30	23	40	24	40	27	100	29	40	42	50	66	310	5	230	31	240	34	250	35	220	16	200	8
1500	350	4	40	3	[illegible]	14	110	21	50	24	60	47	320	1	230	32	200	31	250	18	190	26	220	34
2000	310	11	320	11	20	13	170	8	140	11			260	5	240	43	240	47	240	43			230	34
3000			260	5	330	31	170	32	230	8					210	50			230	40				
4000			260	53			250	27							240	53			240	43				
5000															240	55								
6000																								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

Station	Mean of day: Humidity % on 10.2	Diff. from normal	Wet bulb temp. °C on 10.2	Diff. from normal
Alexandria	51	-3	12.2	+1.1
Ezbekiya	60	-4	12.0	+1.5
Gîza	60	-6	11.6	+1.4
Helwân	46	-7	11.8	+2.5

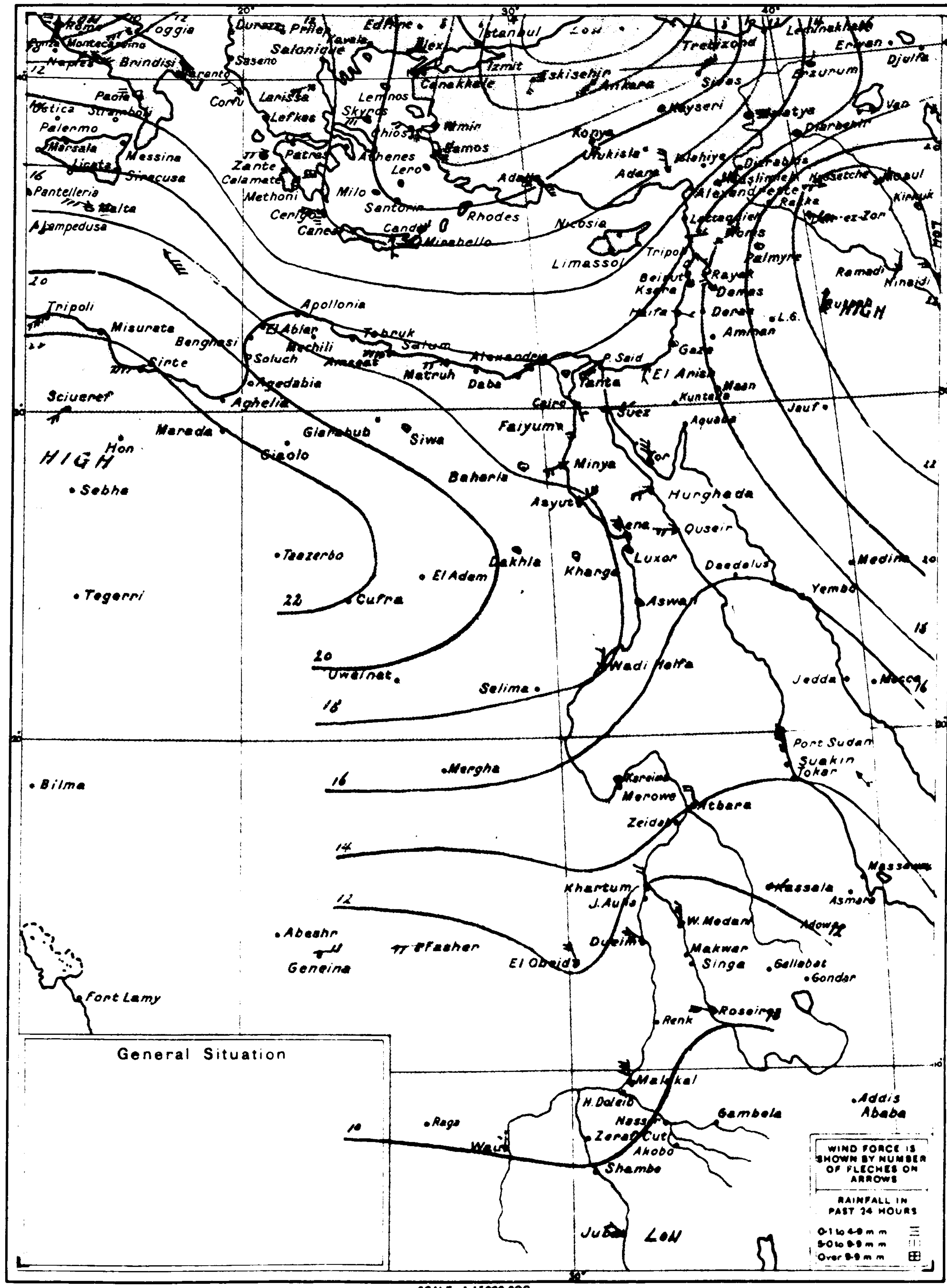
Gîza Grass minimum on 10.2: 3.2 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
11.2	869	1102
10.2	891	1159

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	11-2	13.20	-0.12	13.21	-0.11
Nâsser	11-2	5.26	-0.08	5.27	-0.09
Malakâl	11-2	10.28	-0.30	10.28	-0.32
Roseires	11-2	12.14	+0.42	12.16	+0.43
Sennâr Res.	11-2	20.58	—	20.59	—
Khartûm	11-2	10.29	-0.17	10.29	-0.18
Kh. el Girba					
Atbara	11-2	10.03	-0.30	10.06	-0.28
Kajnarti	11-2	132.51	-0.57	132.53	-0.58
Wâdi Halfa					
Aswân Res.	11-2	120.23	—	120.23	—
" D. S.	11-2	85.62	-0.64	85.66	-0.65
El Leisi	11-2	17.80	+0.10	17.82	+0.09
Rôda (Cairo)	11-2	15.82	+0.27	15.82	+0.28

Pressure and Wind at 8 h. 11.2.37.



General Situation

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 10.2.37. — الساعة ٨ يوم ١٠/٢/٣٧

Station	Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall past 24 hours m.m.	Total 1st Oct. to yesterday m.m.	Normal 1st Oct. to yesterday m.m.	مرصد
Limassol	1017	+1	NNW	1	[illegible]	—	—	—	—	—	—	4	—	—	—	0	—	٥١٢	ليماسول
Haifa	1020.3	+5.1	SSE	1	14.7	21	+3	11	+3	76	+11	0	—	—	—	0	527	٥٥٥	حيفا
Gaza	1019.6	+3.5	—	0	10.9	18	0	8	0	81	+12	0	7	—	6	1	٥٠٥	٤٧١	غزة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. 06 m. 37
sunset h. 17 m. 41

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

DAILY WEATHER REPORT ١٩٣٧-٢-١٢

Month *February* 1937 ١٩٣٧ شهر فبراير

At 14h. on 11th (الساعة ١٤ يوم ١١) — At 8h. on Friday 12th (الساعة ٨ يوم الجمعة ١٢)

No.	Region	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1017.2	WNW	3	17.4	50	3	7	1019.4	+1.4	W	3	9.2	14	—	8	—	87	—	0	5	Ci	0	0	84	—
131		MATRÛH	1016.4	NW	3	16.1	68	1	6	1018.2	+0.3	SW	1	13.8	17	-1	11	+3	76	+1	4	6	Sc	2	0	126	125
		DIKHEILA																									
132		ALEXANDRIA	1016.0	NW	4	21.0	60	2	7	1018.8	+0.8	S	1	14.2	22	+2	12	+1	74	+2	2	8	Ci	0	0	160	161
		DAMIETTA								1018.2	—	WSW	1	13.5	24	—	10	—	73	—	1	—	—	—	0	63	87
134		PORT SAÎD	1015.9	SW	2	23.2	38	0	8	1018.8	+2.4	NE	2	17.2	24	+5	13	+2	76	+1	0	8	—	0	0	34	55
135		EL 'ARÎSH	1015.0	N	2	22.4	43	0	6	1018.0	—	—	0	17.0	25	—	10	—	80	—	0	6	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1019.1	+2.3	SW	2	12.2	22	+2	10	+3	87	+6	1	5	—	0	0	52	79
137		MANSÛRA								1018.2	—	NW	1	11.6	25	+5	10	+3	87	+9	1	6	—	0	0	23	35
138		TANTA								1019.0	+1.7	—	0	13.0	26	+6	8	+1	77	-3	0	7	—	0	0	29	28
139		ZAGÂZÎG								1019.4	...	SW	2	9.2	25	+4	5	-1	95	+15	4	2	—	—	0	12	17
141	Middle Egypt	CAIRO ALMÂZA								1018.6	—	—	0	12.6	26	—	7	—	97	—	3	4	St	4	0	—	—
		CAIRO EZBEKÎYA	1014.6	WSW	1	26.1	24	0	8	1018.6	+0.2	NE	1	12.8	27	+6	10	+2	81	+6	3	—	Sc	0	0	8	2
		CAIRO GÎZA	1014.3	S	1	27.0	20	0	7	1018.7	-0.3	NE	1	11.2	27	+7	8	+2	95	+17	3	5	Sc	1	0	10	19
143		HELWÂN	1015.4	SSW	3	24.1	20	0	7	1019.4	+1.0	—	0	11.3	25	+5	8	-1	92	+27	0	6	—	0	0	12	21
144		SUEZ								1018.4	+0.4	NNW	2	15.0	21	+1	14	+4	84	+12	0	·	—	—	0	12	17
153	Upper Egypt	FAIYÛM								1019.2	+0.6	NNW	1	13.4	28	+7	7	+2	85	+20	0	5	—	0	0	7	7
154		MINYA								1019.1	+0.6	N	1	12.3	27	+6	10	+3	67	-8	0	7	—	—	0	·	—
155		ASYÛT	1015.8	SE	3	24.2	33	0	7	1019.4	0.0	WNW	3	12.3	28	+6	7	+2	64	-1	0	6	—	0	0	0	—
156		QENA								1017.8	+0.4	WNW	1	13.6	30	+5	8	0	43	-20	0	6	—	0	0	dr	—
157		LUXOR								1017.1	--	—	0	13.4	30	—	5	—	64	—	0	7	—	0	0	dr	—
158		ASWÂN	1013.6	NNE	1	27.4	17	0	6	1016.7	-1.4	—	0	15.0	29	+3	11	0	39	-9	3	6	Ci	1	0	1	—
148	Western Desert	SÎWA	1017.0	NNW	2	19.9	47	0	6	1019.4	+0.8	—	0	12.1	20	-1	7	+2	67	0	2	6	Cu	1	0	25	4
149		BAHARÎYA	1015.8	NW	3	23.4	27	0	7	1020.0		—	0	10.2	24	—	5	—	62	—	0	7	—	0	0	17	—
151		KHÂRGA	1015.8	E	1	26.8	35	0	9	1018.7	+0.3	NE	2	14.5	27	+3	10	+4	64	+5	0	9	—	0	0	0	0
152		DÂKHLA	1015.9	NNW	1	25.5	21	0	7	1019.5	+0.5	—	0	14.0	27	+3	9	+3	39	+10	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1017.0	-0.2	N	3	13.2	26	+4	8	-2	33	-26	0	6	—	0	0	3	11
146		HURGHÂDA								1017.0	+0.4	NW	3	18.5	25	+3	10	0	53	-1	0	9	—	0	0	dr	0
147		QUSEIR								1016.6	-0.3	W	2	20.5	25	+2	16	+2	33	-12	0	7	—	0	0	1	7
169		PORT SUDAN	1014.0	NE	5	26.5	—	1	—	1015.2	+0.3	N	3	23.1	28	+1	20	+1	75	+11	3	—	—	—	0	42	102
165	North Sudan	WÂDI HALFA	1015.2	N	2	25	—	0	8	1016.9	-0.2	N	1	12.9	27	+1	11	+2	55	+10	4	8	Cs, Ac	2	—	—	—
166		KAREIMA	1011.9	ENE	1	30	—	2	8	1014.3	-1.4	—	0	18.8	31	0	15	+2	25	-5	3	8	Sc	1	0	dr	1
167		'ATBARA	1009.1	NW	3	31.6	—	1	—	1014.2	+0.2	N	3	21.0	31	0	16	+2	34	+9	0	—	—	—	0	5	1
168		KHARTÛM								1012.7	-0.7	NNE	4	21.7	36	+3	17	+1	22	-3	0	7	—	1	0	4	5
170		KASSALA								1010.6	-1.2	NE	1	24.0	[illegible]	0	19	+2	67	+9	1	8	Ac	0	0	dr	11
171	Central Sudan	WAD MEDANI								1010.7	-2.0	NE	3	23.2	37	+2	20	+5	18	-11	0	—	—	—	0	56	13
173		DUEIM								—	—	NNW	3	26.2	36	+2	17	+3	4	-23	0	—	—	—	0	21	12
		RENK																									
172		ROSEIRES								1010.0	1.2	NW	2	23.6	40	+3	18	+2	44	+7	0	—	—	—	0	3	37
174		EL OBEID	1005.9	NE	3	34	—	0	8	1011.5	-3.4	N	2	20.7	35	+4	17	+6	34	+8	0	8	—	0	0	23	19
175		EL FÂSHER	1005.3	SW	1	25.2	—	1	—	1013.8	+0.7	WNW	1	17.5	35	+4	15	+5	31	+4	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL	1004.2	NNE	2	34	—	2	8	1007.6	-1.0	NNE	2	25.6	39	+3	21	+3	29	+9	2	8	Sc, Cs	1	0	81	93
177		WÂU	1003.5	S	2	38.0	—	1	—	1007.1	-0.9	NW	2	24.9	39	+3	21	+3	51	+9	1	—	—	—	0	200	150
178		JÛBA	1004.1	NW	2	36	—	2	6	1010.0	-0.1	SW	1	25.8	37	-1	25	+4	76	+24	4	6	Cb	1	0	161	145
179		Geneina	—	NNW	3	30	—	0	8	—	—	E	2	19.7	32	—	15	—	25	—	3	8	Sc	1	—	—	—
180		Gallabat																									

Upper Wind Observations on 12th ارصاد الرياح العليا يوم ١٢

Height metres above M.S.L.	Almaza 08h.15m. Dir. E. of N.	Almaza Kms per hour	W. Halfa 07h.00m. Dir.	W. Halfa Kms	Kareima 06h.00m. Dir.	Kareima Kms	Khartum 06h.00m. Dir.	Khartum Kms	Geneina 07h.00m. Dir.	Geneina Kms	El Obeid 06h.00m. Dir.	El Obeid Kms	Malakal 06h.00m. Dir.	Malakal Kms	Juba 07h.00m. Dir.	Juba Kms
200	30	7	30	21	—	—	—	—	—	—	—	—	—	—	—	—
500	50	11	50	27	50	40	20	53	—	—	—	—	30	68	170	13
1000	320	19	30	26	50	23	30	35	70	34	30	63	50	69	80	32
1500	ent.	38	40	8	30	14	40	13	60	27	50	42	50	48	90	35
2000			280	11	310	35	350	11	0	10	70	27	60	43	70	24
3000			230	47	290	32	230	21	270	10	110	3			60	26
4000					210	37			180	29						
5000																
6000																

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 11th	Diff from normal	Wet bulb temp. °C on 11th	Diff from normal
Alexandria	73	+7	14.1	+3.0
Ezbekiya	60	-3	12.6	+2.6
Giza	56	-10	12.5	+2.2
Helwân	37	-13	11.0	+1.7

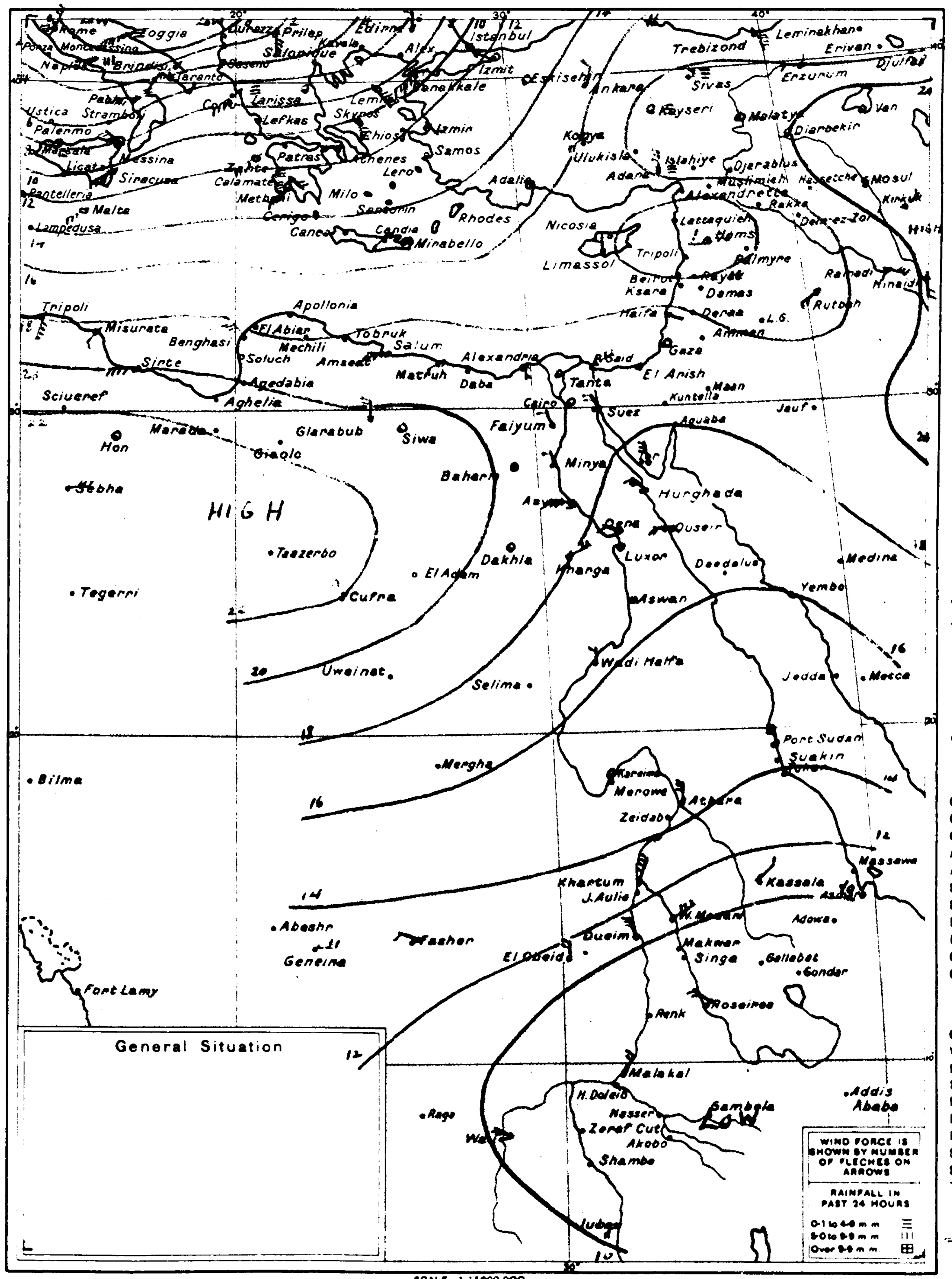
Giza Grass minimum on 12th +5 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
12-2	868	1102
11-2	869	1102

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	12-2	13.20	-0.12	13.20	-0.12
Nâsser	12-2	5.24	-0.07	5.26	-0.08
Malakâl	12-2	10.27	-0.30	10.28	-0.30
Roseires	12-2	12.12	+0.41	12.14	+0.42
Sennâr Res.	12-2	20.56	—	20.58	—
Khartûm	12-2	10.29	-0.16	10.29	-0.17
Kh. el Girba					
'Atbara	12-2	10.02	-0.36	10.03	-0.30
Kajnarti	12-2	132.51	-0.54	132.51	-0.57
Wâdi Halfa					
Aswân Res	12-2	120.21	—	120.23	—
D S	12-2	85.62	-0.61	85.62	-0.64
El Leisi	12-2	17.80	+0.12	17.80	+0.10
Rôda (Cairo)	12-2	15.79	+0.25	15.82	+0.27

Pressure and Wind at 8 h. 12-2-1937



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 11-2-1937 الساعة ٨ يوم ١١-٢-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limassol	1013	-3	NNW	1	12	—	—	—	—	—	—	2	—	—	—	0	—	334	ليما-سول
Haifa	1016.0	+0.8	ESE	1	16.4	24	+6	12	+4	62	-3	0	—	—	—	0	521	547	حيفا
Gaza	1017.1	+1.1	—	0	13.8	26	+8	10	+2	59	-16	0	4	—	0	0	360	294	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise 06 h. 36 m.
sunset 17 h. 42 m.

Month February 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩٣٧-٢-١٣

At 14h. on 12th — الساعة ١٤ يوم ١٢ ; At 8h. on Saturday 13th — الساعة ٨ يوم السبت ١٣

No.		STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1017.2	W	3	17.6	41	1	7	1017.5	-0.5	W	4	11.1	19	—	8	—	46	—	1	5	Ci	0	0	84	
131		MATRÛH	1015.8	NNW	2	17.4	58	3	6	1017.2	-0.7	S	2	10.8	20	+2	10	+2	61	+4	0	6	—	0	0	126	126
		DIKHEILA														—		—		—							—
132		ALEXANDRIA	1017.1	W	3	19.7	54	2	9	1018.6	+0.7	—	0	13.5	21	+2	12	+1	74	+2	0	8	—	0	0	160	161
		DAMIETTA								1018.8	—	SW	1	12.2	22	—	9	—	87	—	0	—	—	—	0	63	88
134		PORT SAÏD	1019.0	SW	2	22.2	50	2	8	1019.1	+2.8	SW	2	15.2	23	+4	11	0	79	+4	0	8	—	0	0	34	57
135		EL 'ARÎSH	1016.3	NNW	2	18.0	80	0	6	1016.8	—	SSW	1	17.3	20	—	10	—	71	—	0	6	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1018.8	+2.0	ESE	1	13.0	23	+3	8	+1	77	-3	0	4	—	0	0	52	80
137		MANSÛRA								1018.7	—	NNE	1	10.9	22	+2	8	+1	85	+7	0	7	—	1	0	23	35
138		TANTA								1018.7	+1.5	—	0	11.0	23	+3	6	-1	81	+1	0	7	—	0	0	29	28
139		ZAGÂZÎG								1019.4	—	WNW	1	11.6	23	+2	7	+1	84	+5	1	7	—	0	0	12	17
141	MIDDLE EGYPT (CAIRO)	ALMÂZA	1017.4	WNW	2	20.4	47	2	8	1018.4	—	—	0	15.0	21	—	7	—	56	—	0	7	—	0	0	—	—
		EZBEKÎYA	1016.4	NNW	1	21.2	46	1	8	1018.7	+0.3	SSW	3	11.7	23	+2	10	+2	70	-5	1	5	Ci	1	0	8	21
		GÎZA	1016.4	N	1	21.9	36	1	5	1018.7	-0.2	S	1	12.4	22	+2	6	0	66	-10	0	5	—	1	0	10	19
143		HELWÂN	1016.8	NW	3	14.0	45	0	7	1019.0	+0.6	—	0	12.9	20	0	4	0	53	-12	0	7	—	0	0	12	21
144		SUEZ								1019.0	+1.0	NE	1	13.0	21	+1	10	0	65	-7	0	—	—	—	0	12	17
153	UPPER EGYPT	FAIYÛM								1019.4	+0.9	—	0	13.8	23	+2	7	0	52	-13	0	5	—	0	0	4	9
154		MINYA								1020.0	+1.6	NNW	1	11.0	26	+5	8	+1	69	-5	0	5	—	—	0	6	—
155		ASYÛT	1016.7	WSW	3	24.0	39	0	7	1019.5	+0.2	W	2	11.7	27	+5	8	+1	68	+4	0	7	—	0	0	0	4
156		QENA								1018.3	+1.0	W	1	13.0	29	+4	9	+1	66	+4	0	6	—	0	0	tr	—
157		LUXOR								1018.2	—	ENE	1	16.1	29	—	7	—	60	—	0	7	—	0	0	tr	—
158		ASWÂN	1012.4	—	0	27.5	19	0	6	1017.6	-0.4	NNE	1	15.0	30	+4	12	+1	49	+1	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1017.5	—	0	21.4	45	2	6	1019.2	+0.7	—	0	8.8	22	+1	2	-3	58	-9	0	6	—	0	0	25	4
149		BAHARÎYA	1017.2	NW	3	21.2	40	0	9	1020.6	—	SW	1	12.0	22	—	6	—	57	—	0	9	—	0	0	17	—
151		KHÂRGA	1016.2	NE	3	25.0	14	0	9	1019.8	+1.4	—	0	13.6	26	+2	6	0	50	-9	0	9	—	0	0	0	0
152		DÂKHLA	1016.4	NNW	1	25.5	20	0	8	1021.5	+2.6	—	0	13.0	27	+3	7	+1	46	-3	0	7	—	0	0	tr	—
145	RED SEA	TÔR								1018.0	+0.9	NW	3	18.1	26	+4	11	+1	70	+10	0	6	—	0	0	3	11
146		HURGHÂDA								1017.8	+1.3	WNW	4	17.5	25	+3	11	+1	46	-7	0	8	—	0	0	tr	0
147		QUSEIR								1017.5	+1.3	WSW	3	20.0	25	+2	16	+2	51	+7	0	7	—	0	0	1	7
169		PORT SUDAN	1012.7	NE	5	26.5	—	1	—	1015.6	+0.7	NW	3	24.2	28	+1	20	+1	76	+12	0	—	—	—	0	42	102
165	NORTH SUDAN	WÂDI HALFA	1015.3	N	3	25	—	3	8	1018.5	+0.4	N	1	14.0	26	0	12	+3	47	+3	2	8	As	1	—	—	—
166		KAREIMA	1011.5	N	2	31	—	3	8	1013.7	-2.0	N	2	21.5	32	+1	19	+6	23	-6	3	8	Ac	2	0	tr	1
167		'ATBARA	1007.8	WSW	2	34.8	—	0	—	1012.0	-1.9	NNE	2	22.0	35	+3	18	+4	43	+19	0	—	—	—	0	5	1
168		KHARTÛM	1006.5	NE	4	36	—	0	7	1011.6	-1.7	N	3	23.0	38	+5	19	+3	28	+4	1	8	Ci, Ac	1	0	4	5
170		KASSALA	1004.8	NE	3	36	—	0	9	1010.6	-1.1	NE	3	24.2	36	+1	19	+2	60	+2	1	8	Ci, Ac	1	0	tr	11
171	CENTRAL SUDAN	WAD MEDANI								1011.8	-0.9	N	4	25.4	38	+3	23	+8	23	-6	0	—	—	—	0	56	13
173		DUEIM								—	—	NW	4	24.8	37	+3	21	+7	3	-23	0	—	—	—	0	21	12
		RENK														—		—		—							
172		ROSEIRES								1010.4	-0.7	WNW	2	25.4	41	+4	20	+3	31	-5	0	—	—	—	0	3	37
174		EL OBEID	1005.6	NE	2	35	—	2	8	1012.5	-2.3	NNE	3	22.0	35	+3	18	+7	30	+5	2	8	Ci	1	0	23	19
175		EL FÂSHER								1013.6	+0.6	NW	1	16.0	37	+5	14	+4	36	+9	0	—	—	—	0	0	8
176	S. SUDAN	MALAKÂL	1003.6	NE	2	39	—	4	8	1010.2	-0.5	N	3	27.3	40	+3	23	+5	28	+6	3	7	Ci, Ac	2	0	81	93
177		WÂU	1004.7	E	3	38.0	—	2	—																		
178		JÛBA	1004.4	NNE	3	35	—	4	9	1008.7	-1.3	NW	3	27.0	38	0	24	+3	64	+17	4	7	Sc	1	0	161	145
179		Geneina	—	NE	3	33	—	3	8	—	—	NE	2	14.3	35	—	—	—	37	—	1	8	Ci	0	—	—	—
180		Gallabat	—	—	0	38.0	—	0	—																		

Upper Wind Observations on 13th — ارصاد الرياح العليا يوم ١٣

Dir. = Dir. E. of N.; Kms. = Kms. per hour

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms.	Matruh 07h.00m. Dir.	Kms.	Almaza 07h.30m. Dir.	Kms.	Cairo 08h.30m. Dir.	Kms.	Helwan 08h.45m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 07h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Kassala 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.
200	270	23	250	31	170	17	210	21	150	7	—	—	—	—	30	47	—	—	—	—	40	34	—	—	—	—	—	—	—	—
600	—	—	250	33	140	14	230	16	230	13	0	14	310	37	30	64	80	21	40	89	20	50	—	—	—	—	30	74	—	—
1000	260	24	250	36	270	18	270	20	280	13	340	14	320	35	30	60	60	11	70	58	30	58	70	43	30	62	40	82	100	37
1500	260	24	260	24	270	18	270	19	280	16	300	27	220	17	290	8	310	16	10	60	30	27	70	50	40	87			70	42
2000	280	24	240	33	270	25	260	31	260	23					210	26	280	47	20	35	70	14	150	26	60	43			100	72
3000	260	51	250	45	250	28			250	17					250	11	260	63			170	6	170	13					100	38
4000					250	34															210	21	210	34						
5000																														
6000																														

Forecast for 24 hours from noon on 13th
Winds, on the coast fresh southwest to west or northwesterly inland moderate South to west.
Occasional low cloud later. Possibly light rain on the coast tomorrow. Temperature slightly above normal.
Further outlook: Becoming cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٣
تكون الرياح شديدة نوعا تحول من جنوبية غربية إلى غربية أو شمالية غربية على السواحل وتكون معتدلة جنوبية إلى غربية في الداخل
يظهر سحب منخفضة فيما بعد ويحتمل نزول أمطار خفيفة على السواحل غدا
درجة الحرارة فوق المعتاد بقليل ويميل الجو إلى البرودة فيما بعد ذلك

STATION	Mean of day Humidity % on 12th	Diff from normal	Wet bulb temp. °C on 12th	Diff. from normal
Alexandria	71	+7	13.2	+2.1
Ezbekiya	66	+3	12.2	+1.6
Giza	73	+7	11.7	+1.4
Helwân	61	+9	11.2	+1.8

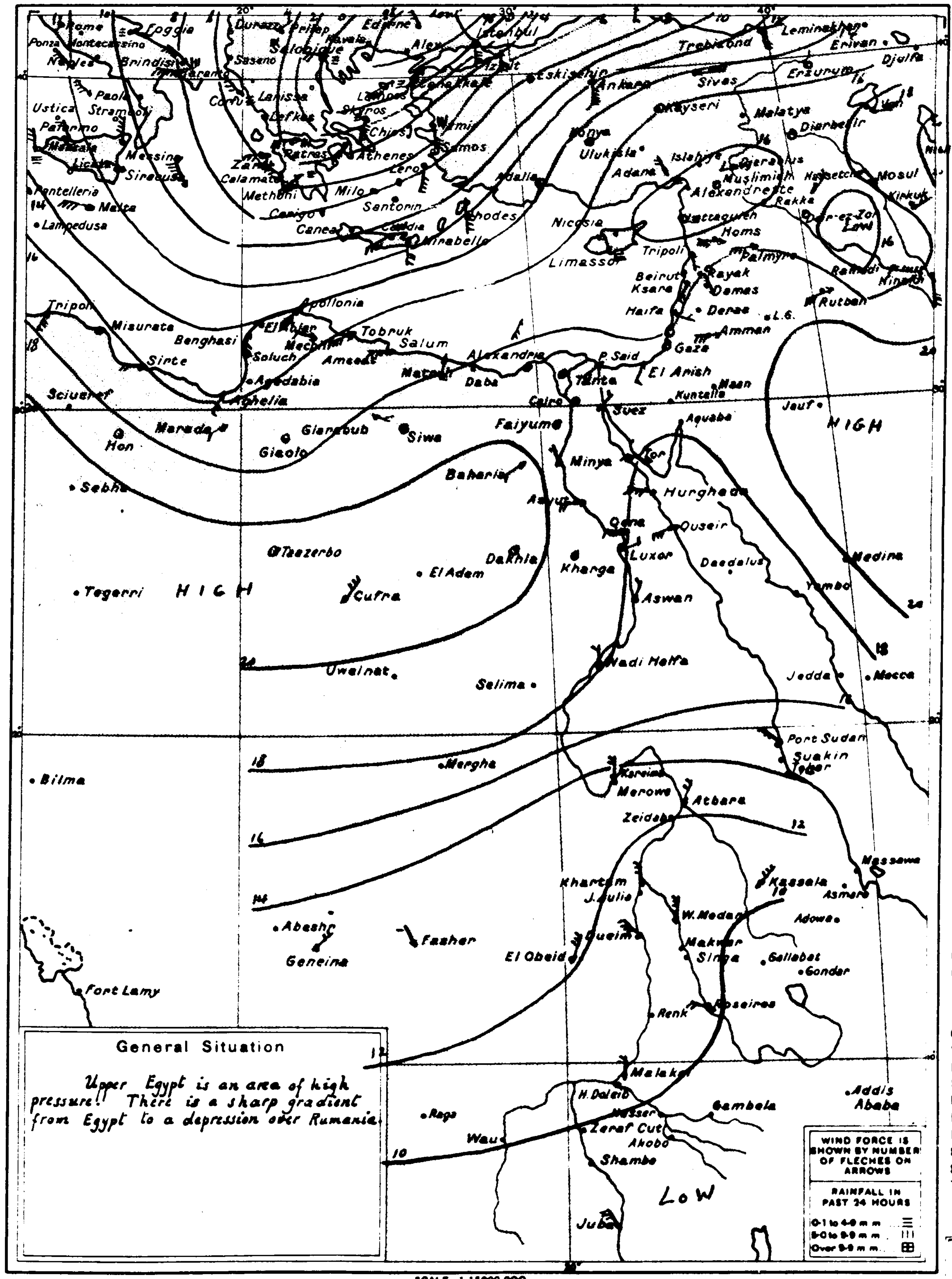
Giza Grass minimum on 13th 2.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
13.2	867	1101
12.2	868	1102

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12.2	13.20	-0.12	13.20	-0.12
Nâsser	12.2	5.24	-0.09	5.26	-0.08
Malakâl	13.2	10.26	-0.29	10.27	-0.30
Roseires	13.2	12.11	+0.40	12.12	+0.41
Sennâr Res.	12.2	20.56	—	20.58	—
Khartûm	12.2	10.29	-0.16	10.29	-0.17
Kh. el Girba					
'Atbara	13.2	10.04	-0.28	10.02	-0.30
Kajnarti	12.2	132.51	-0.54	132.51	-0.57
Wâdi Halfa					
Aswân Res.	13.2	120.17	—	120.21	—
" D.S.	13.2	85.62	-0.58	85.62	-0.61
El Leisi	13.2	17.77	+0.13	17.80	+0.12
Rôda (Cairo)	13.2	15.77	+0.20	15.77	+0.23

Pressure and Wind at 8h. 13-2-1937



General Situation

Upper Egypt is an area of high pressure! There is a sharp gradient from Egypt to a depression over Rumania.

At 8h. on 12-2-1937 — الساعة ٨ يوم ١٢-٢-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1016	0	NNW	1	10	—	—	—	—	—	—	4	—	—	—	0	—	337	ليماسول
Haifa	1018.0	+2.9	ESE	1	16.2	24	+6	11	+3	72	+8	0	—	—	—	0	527	550	حيفا
Gaza	1012.3	+2.3	—	0	12.5	25	+7	8	0	81	+6	0	9	—	0	0	360	297	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise 6 h. 56 m.

sunset 17 h. 43 m.

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

DAILY WEATHER REPORT

Month February 1937 ١٩٣٧ شهر فبراير

١٩٣٧-٢-١٤ Pressure and Wind at 8 h. 14. 2. 1937

At 14h. on 13th الساعة ١٤ يوم

		STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN	SALÛM	1015.6	WSW	5	24.6	16	0	6
131		MATRÛH	1015.6	W	4	20.8	27	0	6
		DIKHEILA	1018.4	NNW	4	19.1	55	—	—
132		ALEXANDRIA	1017.2	W	4	19.9	45	0	9
		DAMIETTA							
134		PORT SAÏD	1017.5	NW	2	21.0	58	0	8
[illegible]		EL 'ARÎSH	1017.0	NNE	2	19.0	45	0	6
[illegible]	LOWER EGYPT	DAMANHÛR							
[illegible]		MANSÛRA							
[illegible]		TANTA							
[illegible]		ZAGÂZÎG							
[illegible]	MIDDLE EGYPT	CAIRO ALMÂZA	1017.3	WSW	2	22.0	44	0	8
		CAIRO EZBEKÎYA	1016.6	NW	2	22.2	31	0	8
		CAIRO GÎZA	1016.3	NNW	2	23.0	26	0	7
[illegible]43		HELWÂN	1017.0	SSW	2	21.9	28	0	9
144		SUEZ							
153	UPPER EGYPT	FAIYÛM							
154		MINYA							
155		ASYÛT	1016.6	SW	3	22.0	36	0	7
156		QENA							
157		LUXOR							
158		ASWÂN	1014.4	NW	1	26.3	12	0	6
148	WESTERN DESERT	SÎWA	[illegible]	—	0	22.8	35	0	6
149		BAHARÎYA	1017.4	W	1	21.8	39	0	9
151		KHÂRGA	1015.4	N	4	24.2	45	0	9
152		DÂKHLA	1016.6	WNW	2	24.1	31	0	8
145	RED SEA	TÛR							
146		HURGHÂDA							
147		QUSEIR							
169		PORT SUDAN							
165	NORTH SUDAN	WÂDI HALFA	1015.8	N	3	25	—	0	8
166		KAREIMA	1011.2	N	2	32	—	1	8
167		'ATBARA	1006.2	NNW	2	36.2	—	0	—
168		KHARTÛM	1006.5	NNE	4	37	—	2	8
170		KASSALA	1006.6	NE	5	33	—	2	8
171	CENTRAL SUDAN	WAD MEDANI	1007.2	NE	4	36	—	0	—
173		DUEIM							
182		RENK							
172		ROSEIRES							
174		EL OBEID	1006.0	NE	6	35	—	0	8
175		EL FÂSHER	1005.6	SE	2	35.5	—	0	—
176	S. SUDAN	MALAKÂL	1004.4	NE	3	39	—	3	7
177		WÂU	1003.8	NE	4	37.2	—	3	—
178		JÛBA	1002.0	NE	4	38	—	3	8
179		Geneina	—	W	1	35	—	2	8
180		Gallabat	—	NW	3	35.0	—	0	—

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

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	1017.5	-0.4	W	4	6.7	21	—	6	—	93	—	0	6	—	0	0	84	—
131	MATRÛH	1015.2	-2.6	SSW	2	10.0	22	+4	9	0	50	-25	0	6	—	0	0	126	127
	DIKHEILA	1018.3	—	S	4	13.0	20	—	10	—	64	—	0	8	—	0	0	—	—
132	ALEXANDRIA	1018.0	+0.1	S	3	12.4	21	+2	10	-1	62	-10	0	9	—	0	0	160	162
	DAMIETTA	1018.0	—	S	1	14.5	23	—	10	—	84	—	0	—	—	—	0	63	89
134	PORT SAÏD	1019.1	+2.8	SW	3	14.5	24	+5	12	+1	64	-11	0	8	—	0	0	34	57
[illegible]	EL 'ARÎSH	1018.6	—	SSE	1	16.2	22	—	8	—	52	—	0	6	—	0	0	—	—
[illegible]	DAMANHÛR	1018.6	+1.9	SSW	2	11.0	23	+3	9	+2	75	-5	0	6	—	0	0	52	81
[illegible]	MANSÛRA	1017.9	—	SE	1	10.8	23	+3	7	0	77	-1	0	7	—	1	0	23	36
[illegible]	TANTA	1018.0	+0.8	S	2	14.0	24	+4	9	+2	73	-7	0	7	—	0	0	29	29
[illegible]	ZAGÂZÎG	1019.4	—	SW	1	12.2	22	+1	6	0	76	-3	1	8	—	—	0	12	17
[illegible]	ALMÂZA	1018.4	—	SE	1	17.0	22	—	9	—	52	—	0	7	—	0	0	—	—
	EZBEKÎYA	1018.6	+0.3	S	2	11.2	24	+3	9	+1	71	-4	0	6	—	0	0	8	21
	GÎZA	1018.8	-0.1	SSE	1	12.5	24	+4	5	-1	98	-17	0	5	—	0	0	10	19
[illegible]43	HELWÂN	1019.2	+0.9	E	2	13.4	22	+2	10	+1	44	-21	0	7	—	0	0	12	21
144	SUEZ	1019.5	+1.5	N	1	14.0	22	+1	10	0	57	-15	0	—	—	—	0	12	17
153	FAIYÛM	1019.2	+0.7	SSE	1	11.5	24	+2	7	0	53	-12	0	6	—	0	0	4	9
154	MINYA	1019.8	+1.5	NNE	1	13.0	23	+1	8	+1	58	-16	0	6	—	—	0	6	—
155	ASYÛT	1019.4	+0.2	SE	2	11.0	25	+3	6	-1	54	-10	0	6	—	0	0	0	4
156	QENA	1018.7	+1.5	WSW	1	12.2	26	+1	6	-2	57	-5	0	6	—	0	0	dr	—
157	LUXOR	1018.3	—	ENE	1	13.0	26	—	5	—	61	—	0	7	—	0	0	dr	—
158	ASWÂN	1017.6	-0.4	—	0	13.0	27	+1	10	-1	47	0	0	6	—	0	0	1	—
148	SÎWA	1017.0	-0.5	—	0	7.8	23	+1	2	-3	55	-12	0	6	—	0	0	25	4
149	BAHARÎYA	1019.8	—	—	0	11.5	22	—	3	—	64	—	0	9	—	0	0	17	—
151	KHÂRGA	1019.4	+1.1	—	0	13.2	24	0	6	0	57	-1	0	9	—	0	0	0	0
152	DÂKHLA	1020.0	+1.1	SSE	1	10.1	25	+1	6	0	49	0	0	8	—	0	0	dr	—
145	TÛR	1017.8	+0.7	N	1	13.7	22	0	8	-2	49	-11	0	6	—	0	0	3	11
146	HURGHÂDA	1018.3	+1.8	WNW	3	16.4	23	+1	9	-1	41	-12	0	9	—	0	0	dr	0
147	QUSEIR	1017.8	+1.6	W	2	19.2	24	+1	15	+1	47	+3	0	7	—	0	0	1	7
169	PORT SUDAN	1014.7	-0.1	N	4	22.7	23	-4	22	+5	77	+13	4	—	—	—	dr	42	102
165	WÂDI HALFA	1018.0	0.0	N	1	12.2	26	-1	10	+1	54	+10	0	8	—	0	—	—	—
166	KAREIMA	1013.6	-2.0	ENE	3	19.8	32	+1	18	+5	27	-2	0	8	—	0	0	dr	1
167	'ATBARA	1012.0	-1.9	N	2	23.4	36	+4	19	+5	38	+4	0	—	—	—	0	5	1
168	KHARTÛM	1011.0	-2.2	NNE	4	23.0	38	+5	19	+3	27	+3	0	7	Ci	1	0	4	5
170	KASSALA	1009.5	-2.2	ENE	1	24.4	34	-1	20	+3	75	+18	0	7	Ac	0	0	dr	11
171	WAD MEDANI	1010.2	-2.4	NE	3	23.2	37	+2	21	+6	36	+7	0	—	—	—	0	56	13
173	DUEIM	—	—	N	3	23.6	36	+1	20	+5	23	-3	1	—	—	—	0	21	12
182	RENK																		
172	ROSEIRES	1007.8	-3.2	WNW	2	25.4	38	+1	19	+2	44	+8	0	—	—	—	0	3	37
174	EL OBEID	1011.3	-3.5	WNW	2	20.0	36	+4	19	+8	25	0	3	8	Cu Ac	1	0	23	19
175	EL FÂSHER	1011.2	-1.7	N	1	20.0	37	+5	16	+6	36	+9	0	—	—	—	0	0	8
176	MALAKÂL	1008.3	-2.4	N	3	28.0	39	+2	24	+5	36	+16	4	6	Cu	2	0	81	93
177	WÂU	1007.6	-2.3	NW	2	25.8	38	+2	22	+3	37	-5	3	—	—	—	0	200	150
178	JÛBA	1008.1	-1.9	N	2	27.0	40	+2	22	+1	43	-10	4	7	Cu Ac	1	0	161	145
179	Geneina	—	—	E	2	15.7	—	—	14	—	41	—	2	8	Cu	0	—	—	—
180	Gallabat																		

Upper Wind Observations on 14th

ارصاد الرياح العليا يوم ١٤

Height metres above M.S.L.	Salum 07 h. 00 m. Dir E of N	Salum Kms per hour	Matruh 07 h. 00 m. Dir E of N	Matruh Kms per hour	Dikheila 07 h. 00 m. Dir E of N	Dikheila Kms per hour	Almaza 07 h. 15 m. Dir E of N	Almaza Kms per hour	Cairo 08 h. 30 m. Dir E of N	Cairo Kms per hour	Helwan 09 h. 00 m. Dir E of N	Helwan Kms per hour	Asyut 07 h. 00 m. Dir E of N	Asyut Kms per hour	Aswan 07 h. 00 m. Dir E of N	Aswan Kms per hour
200	270	14	290	15	220	35	170	11	180	20	150	8	—	—	—	—
500	—	—	270	18	250	34	220	7	240	10	150	3	0	14	0	32
1000	280	18	240	36	240	24	270	13	270	10	260	10	330	13	40	22
1500	260	28	250	36	220	12	320	9	80	3	290	11	340	15	320	20
2000	250	50	260	42	270	19	340	8	0	8	320	4	320	10		
3000	250	27					238	30	280	28	280	22				
4000							270	62			270	46				
5000																
6000																

Height metres above M.S.L.	Helwan Dir E of N	Helwan Kms per hour	H. Halfa 07 h. 00 m. Dir E of N	H. Halfa Kms per hour	Kareima 08 h. 00 m. Dir E of N	Kareima Kms per hour	Khartum 08 h. 00 m. Dir E of N	Khartum Kms per hour	Geneina 07 h. 00 m. Dir E of N	Geneina Kms per hour	Kassala 07 h. 00 m. Dir E of N	Kassala Kms per hour	El Obeid 07 h. 00 m. Dir E of N	El Obeid Kms per hour	Malakal 08 h. 00 m. Dir E of N	Malakal Kms per hour
200	150	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	150	3	0	14	0	32	10	53	—	—	0	10	—	—	40	63
1000	260	10	330	13	40	22	10	42	40	47	50	56	60	40	60	24
1500	290	11	340	15	320	20	20	14	60	2	40	21	130	34	20	45
2000	320	4	320	10			90	3	320	18	20	21	170	35	30	34
3000	280	22					230	8	260	31	210	37	190	29	350	22
4000	270	46											280	21	10	10
5000																
6000																

Forecast for 24 hours from noon on 14th

On the coast moderate to fresh winds between west and southwest.
Inland light variable winds.
Mainly clear.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٤
رياح بين المعتدلة والشديدة غربا وبين غربية وجنوبية غربية على الساحل
ورياح خفيفة متغيرة الاتجاه في الداخل
السماء صحو على العموم
ولا تتغير درجة الحرارة الا قليلا

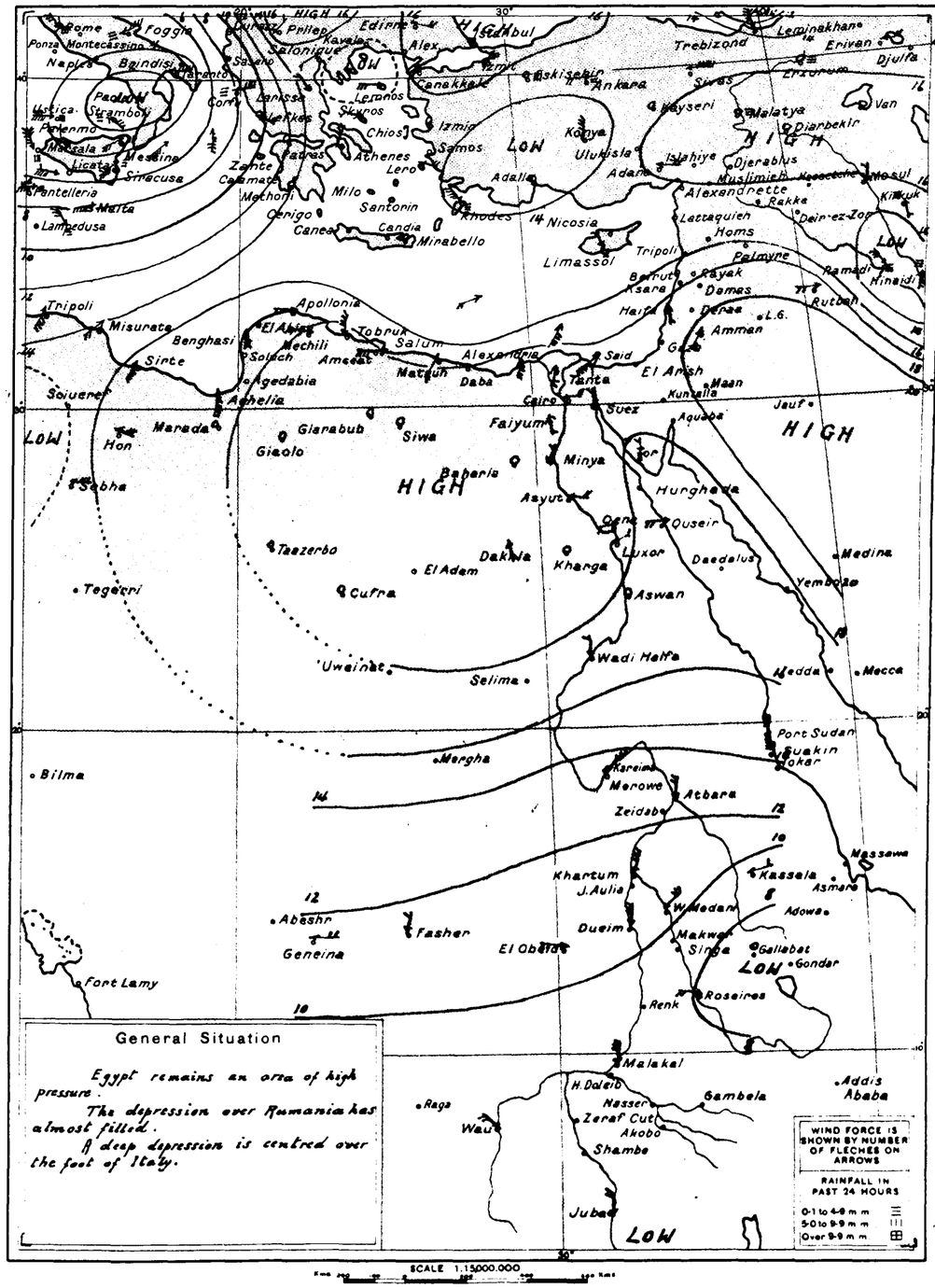
STATION	Mean of day: Humidity % on 13th	Humidity Diff from normal	Wet Bulb Temp. °C on 13th	Wet Bulb Temp. Diff from normal
Alexandria	70	+6	12.3	+1.2
Ezbekiya	65	+2	11.2	+0.6
Giza	59	-6	10.8	+0.5
Helwân	39	-13	10.5	+1.1

Giza Grass minimum on 14th 1.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
14.2	870	1044
13.2	867	1181

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	14.2	13.20	-0.11	13.20	-0.12
Nâsser ✱	13.2	5.22	-0.10	5.24	-0.09
Malakâl	14.2	10.26	-0.27	10.26	-0.29
Roseires	14.2	12.10	+0.41	12.11	+0.40
Sennâr Res.	13.2	20.54	—	20.56	—
Khartûm	13.2	16.27	-0.13	16.29	-0.16
Kh. el Girba					
'Atbara	13.2	10.64	-0.28	10.62	-0.30
Kajnarti	12.2	132.69	-0.53	132.51	-0.54
Wâdi Halfa					
Aswân Res.	14.2	120.65	—	120.67	—
" D. S.	14.2	85.63	-0.55	85.61	-0.58
El Leisi	14.2	13.22	+0.13	13.29	+0.13
Rôda (Cairo)	14.2	15.79	+0.20	15.77	+0.20



General Situation

Egypt remains an area of high pressure.

The depression over Rumania has almost filled.

A deep depression is centred over the foot of Italy.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS

0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

✱ Nasser River Gauge reading for 21.12.36 published on 25.12.36 December 1936, should read 4.94 instead of 6.90 m.

At 8 h. on 13-2-1937 الساعة ٨ يوم ١٣-٢-٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1016	0	NNW	2	12	—	—	—	—	—	—	0	—	—	—	Rain	—	340	الماسول
Haifa	1017.9	+2.5	ESE	1	16.0	20	+2	11	+3	71	+7	0	—	—	—	0	527	553	حيفا
Lydda	1018.8	+2.5	—	0	11.7	21	+3	8	0	95	+20	0	9	—	0	0	360	300	اللد

ANNUAL SUBSCRIPTION

Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. m. 06 35
sunset h. m. 17 44

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

DAILY WEATHER REPORT

Month February 1937 ١٩٣٧ شهر فبراير

No.	Region	Station	14h (on 14th) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h (on Monday 15th) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1014.6	SW	3	19.3	30	3	7	1009.0	-8.8	S	4	14.8	20	—	6	—	22	—	4	5	Sc	1	0	84	—
131		MATRÛH	1014.3	SW	3	22.0	21	2	6	1010.3	-7.5	SSE	2	14.0	23	+5	10	+1	38	-37	2	6	Sc	1	0	126	128
		DIKHEILA														—		—		—							—
132		ALEXANDRIA	1016.4	WNW	2	22.3	38	0	9	1013.3	-4.6	SE	3	11.7	24	+5	10	-1	62	-10	4	7	Cc	2	0	160	163
		DAMIETTA								1014.2	—	SE	1	16.0	25	—	13	—	82	—	0	—	—	—	0	63	89
134		PORT SAÏD	1017.6	NW	2	23.2	30	0	8	1014.7	-1.5	SE	3	16.2	24	+5	14	+3	69	-6	0	8	—	0	0	34	57
135		EL 'ARÎSH	1017.0	NNE	2	18.8	56	0	6	1013.5	—	—	0	16.0	21	—	7	—	59	—	0	6	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1013.8	-2.9	ESE	2	9.6	24	+4	8	+1	71	-9	2	6	—	0	0	52	82
137		MANSÛRA								1013.4	—	E	1	10.6	24	+4	7	0	60	-18	1	6	—	1	0	23	36
138		TANTA								1013.9	-3.3	—	0	11.0	26	+6	8	+1	75	-4	2	7	—	0	0	29	29
139		ZAGÂZÎG								1013.6	—	ESE	3	13.3	24	+3	7	+1	56	-23	3	7	—	—	0	12	18
141	MIDDLE EGYPT	CAIRO ALMÂZA	1017.5	WNW	1	22.4	43	0	7	1013.9	—	S	1	16.8	24	—	7	—	51	—	2	7	Ci	0	0	—	—
		CAIRO EZBEKÎYA	1016.4	WSW	1	23.0	31	0	8	1013.1	-5.1	SSE	2	10.6	25	+4	8	0	58	-17	2	6	Ci	0	0	8	21
		CAIRO GÎZA	1015.9	E	1	24.8	29	0	7	1013.3	-5.5	SE	1	11.8	26	+5	4	-2	57	-18	1	5	Cs	1	0	10	19
143		HELWÂN	1016.6	NW	2	22.4	24	0	9	1013.3	-4.9	ESE	2	14.0	23	+3	9	0	34	-31	0	7	Ci	0	0	12	22
144		SUEZ								1014.3	-3.6	—	0	13.6	22	+1	10	0	50	-22	0	—	—	—	0	12	17
153	UPPER EGYPT	FAIYÛM								1013.6	-4.8	—	0	11.7	25	+3	6	-1	47	-18	1	6	Sc	0	0	4	9
154		MINYA								1013.5	-4.8	SSE	3	13.0	23	+1	8	+1	52	-22	0	7	—	—	0	6	—
155		ASYÛT	1016.3	WSW	2	23.2	36	0	7	1014.6	-4.5	SE	3	10.8	25	+3	6	-1	62	-2	0	7	—	0	0	0	5
156		QENA								1014.6	-2.5	W	1	12.4	27	+2	6	-2	50	-12	0	6	—	0	0	dr	—
157		LUXOR								1014.3	—	—	0	12.0	27	—	4	—	56	—	0	7	—	0	0	dr	—
158		ASWÂN	1013.5	N	2	25.3	11	0	6	1013.8	-4.1	NNE	1	12.7	26	0	9	-2	37	-10	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1015.0	SW	2	24.0	27	0	6	1007.6	-10.8	SSE	2	11.0	24	+2	4	-1	51	-16	2	6	Cu	1	0	25	4
149		BAHARÎYA	1015.4	SSW	1	23.6	34	0	9	1013.8	—	SE	1	10.5	25	—	4	—	55	—	0	9	—	0	0	17	—
151		KHÂRGA	1015.6	NE	2	22.9	46	0	9	1014.0	-4.3	—	0	13.7	23	-1	5	-1	57	-1	0	9	—	0	0	0	0
152		DÂKHLA	1015.4	SW	1	24.3	31	0	8	1014.3	-4.5	SSE	1	9.5	25	+1	5	-1	43	-6	0	7	—	0	0	dr	—
145	RED SEA	TÔR								1013.8	-3.2	N	3	10.8	21	-1	7	-3	43	-17	0	6	—	0	0	3	11
146		HURGHÂDA								1013.9	-2.5	W	2	17.2	23	+1	8	-2	35	-18	0	9	—	0	0	dr	0
147		QUSEIR																									
169		PORT SUDAN	1012.7	N	5	24.6	—	4	—	1012.7	-2.0	N	2	23.2	25	-2	21	+2	59	-5	4	—	—	—	0	42	102
165	NORTH SUDAN	WÂDI HALFA	1015.2	N	3	24	—	0	8	1014.7	-3.2	N	1	11.0	25	-2	9	0	41	-3	2	8	Ac	1	—	—	—
166		KAREIMA	1009.9	NE	2	31	—	0	8	1010.8	-4.8	—	0	20.2	33	+2	16	+3	34	+5	1	8	Ci	0	0	dr	1
167		'ATBARA	1007.2	NNW	3	33.6	—	1	—	1010.2	-2.6	NE	1	21.0	33	+1	18	+4	41	+17	1	—	—	—	0	5	1
168		KHARTÛM	1006.3	ENE	3	37	—	1	7	1008.4	-4.8	N	3	23.4	38	+4	21	+5	33	+19	4	8	Ci	1	0	4	5
170		KASSALA	1004.0	NE	5	35	—	1	8	1007.5	-4.1	ESE	1	23.7	36	+1	19	+1	75	+18	2	7	Ci	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI	1006.4	NE	4	37.0	—	0	—	1008.3	-4.3	NE	3	24.0	38	+3	21	+5	51	+23	0	—	—	—	0	56	13
173		DUEIM								—	—	N	3	24.6	35	0	20	+5	19	-7	0	—	—	—	0	21	12
182		RENK									—					—		—		—							
172		ROSEIRES								1007.2	-3.8	N	2	26.2	40	+3	20	+3	34	-2	1	—	—	—	0	3	37
174		EL OBEID	1006.9	NE	3	33	—	3	8	1009.3	-5.5	N	1	22.0	35	+3	17	+6	33	+8	2	8	Ci,Ac	1	0	23	19
175		EL FÂSHER	1004.4	S	2	35.0	19	0	—	1009.6	-3.2	NW	2	19.0	37	+5	16	+6	34	+7	1	—	—	—	0	0	8
176	S. SUDAN	MALAKÂL	1002.2	NE	2	40	—	3	8	1007.5	-3.1	NNE	2	29.8	41	+4	23	+4	38	+18	4	6	Ci,Ac	2	0	81	93
177		WÂU	1001.9	NW	6	39.3	—	2	—	1006.7	-3.2	S	2	28.0	40	+4	25	+6	44	+2	4	—	—	—	0	200	150
178		JÛBA	1002.3	NE	3	39	—	4	7	1008.7	-1.3	NE	2	25.1	41	+3	22	+1	54	+1	2	7	Sc	1	0	161	145
179		Geneina	—	E	2	34	—	2	8	—	—	NE	2	14.5	37	—	16	—	39	—	2	8	Ci	0	—	—	—
180		Gallabat	—	NW	2	34.0	—	2	—	—	—	W	2	26.1	36	—	20	—	64	—	0	—	—	—	0	—	—

Upper Wind Observations on 15th — ارصاد الرياح العليا يوم ١٥

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Almaza 07h.30m. Dir.	Kms.	Cairo 08h.30m. Dir.	Kms.	Helwan 09h.00m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W.Halfa 07h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Juba 07h.00m. Dir.	Kms.	Salum 14th 13h.00m. Dir.	Kms.
200	160	14	160	39	180	14	—	—	150	9	—	—	—	—	10	19	—	—	—	—	—	—	—	—	—	—	—	—	220	13
500	—	—	160	30	200	20	200	22	180	17	80	12	70	7	30	32	70	35	40	53	—	—	80	8	—	—	—	—	—	—
1000	190	67	160	30	210	11	160	16	180	18	210	13	100	8	20	26	120	14	30	27	120	21	30	11	50	53	350	25	230	31
1500	220	48	180	24	210	11	130	17	230	17	300	15	200	7	210	11	220	18	40	27	190	19	30	11	100	21	300	8	230	21
2000	230	24	230	21	220	23	200	30	250	15	300	28			250	27	240	77	20	27	230	24	90	19	90	14	90	31	250	41
3000	Ent	Cu	250	27	250	31			230	30							270	53			220	35	0	13	310	23	60	27		
4000									240	60											230	40	280	16	330	5				
5000																							180	2	200	23				
6000																														

Forecast for 24 hours from noon on 15th

Southeast to south winds, moderate but strengthening, and reaching gale force in places later.
High cloud developing
Moderate Khamsin conditions.
Further outlook: unsettled.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٥
رياح جنوبية شرقية الى جنوبية معتدلة أولا ثم تشتد
وتصل الى قوة العاصفة فى بعض الأماكن
يظهر السحاب العالى
ويصبح الطقس خماسينيا معتدلا
وسيتغير فيما بعد

Station	Mean of day Humidity % on 14th	Diff. from normal	Wet Bulb Temp. °C on 14th	Diff. from normal
Alexandria	54	-10	11.6	+0.5
Ezbekîya	58	-5	11.1	+0.4
Gîza	51	-14	11.3	+1.0
Helwân	31	-21	10.2	+0.8

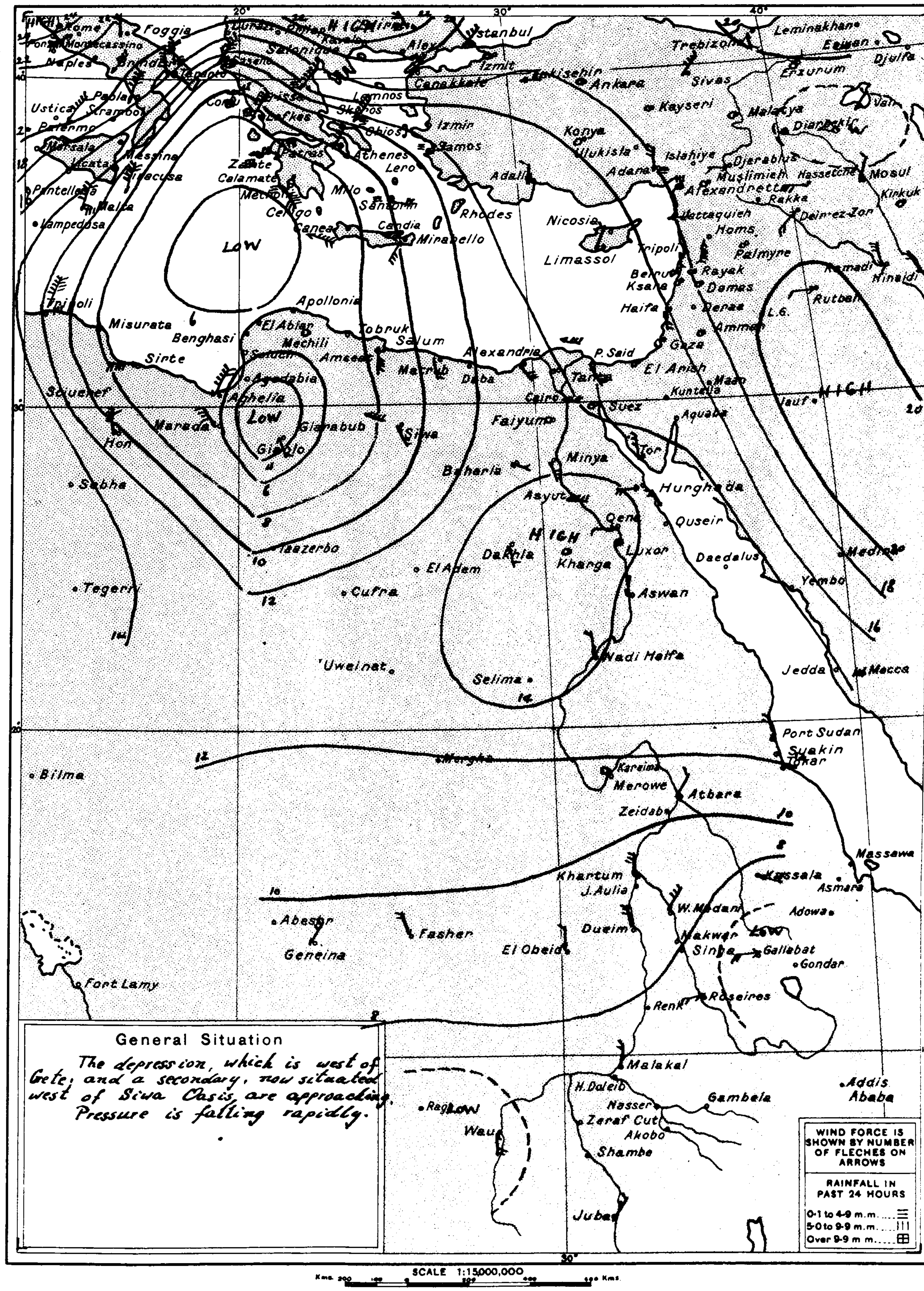
Gîza Grass minimum on 15th -0.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
15.2	870	1020
14.2	870	1044

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14.2	13.20	-0.11	13.20	-0.12
Nâsser	14.2	5.19	-0.11	5.22	-0.10
Malakâl	15.2	10.25	-0.26	10.26	-0.27
Roseires	15.2	12.09	+0.42	12.10	+0.41
Sennâr Res.	14.2	20.52	—	20.54	—
Khartûm	14.2	10.23	-0.20	10.27	-0.17
Kh. el Girba					
'Atbara	14.2	10.04	-0.27	10.04	-0.28
Kajnarti	14.2	132.45	-0.54	132.49	-0.53
Wâdi Halfa					
Aswân Res.	15.2	120.13	—	120.15	—
,, D. S.	15.2	85.61	-0.52	85.62	-0.55
El Leisi	15.2	17.77	+0.15	17.77	+0.13
Rôda (Cairo)	15.2	15.82	+0.22	15.79	+0.20

Pressure and Wind at 8h. 15-2-1937 ١٩٣٧-٢-١٥



General Situation

The depression, which is west of Crete, and a secondary, now situated west of Siwa Oasis, are approaching. Pressure is falling rapidly.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 14-2-1937 — الساعة ٨ يوم ١٤-٢-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1016	0	NNW	1	13	—	—	—	—	—	—	2	—	—	—	Rain	—	342	ليماسول
Haifa	1020.0	+4.4	SSE	1	14.5	20	+2	10	+2	65	+1	0	—	—	—	0	527	556	حيفا
Gaza	1019.8	+3.9	—	0	12.0	23	+5	8	0	82	+7	0	9	—	0	0	360	302	غزة
Ships	23318	—	31206	—	10300	—	159xx	—	61200		—	46000							سفن

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. 06 m. 34
sunset h. 17 m. 44

Month *February* 1937 ١٩٣٧ شهر فبراير

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

DAILY WEATHER REPORT

No.	Region	STATION	14h. on 15th: Barometric Pressure Reduced to M.S.L. m.b.	14h. Wind Dir.	14h. Wind Force	14h. Temperature °C	14h. Humidity %	14h. Present Weather	14h. Visibility	8h. on Tuesday 16th: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1005.8	ENE	4	17.0	43	4	6	1004.0	-13.8	W	4	9.8	19	—	10	—	79	—	4	6	As	2	0	84	—
131		MATRÛH	1007.1	SE	3	21.4	25	4	6	1003.5	-14.2	SSE	1	15.0	22	+4	14	+5	78	+3	4	6	Sc	2	0	126	129
		DIKHEILA														—		—		—							
132		ALEXANDRIA	1012.0	SE	2	21.8	19	3	9	1003.9	-13.9	E	6	14.2	23	+3	11	0	60	-12	4	6	Sc	2	0	160	164
		DAMIETTA								1006.6	—	SE	1	17.0	22	—	13	—	80	—	3	—	—	—	.0	63	90
134		PORT SAÎD	1011.1	NE	2	20.5	60	0	8	1007.0	-9.1	NE	4	17.8	22	+3	15	+4	58	-17	1	8	Cu	0	0	34	58
135		EL 'ARÎSH	1010.0	NNW	2	18.2	62	0	6	1006.6	—	SSE	1	14.0	22	—	8	—	69	—	1	6	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1005.0	-11.6	E	3	13.1	24	+4	9	+2	69	-11	4	8	—	2	0	52	83
137		MANSÛRA								1005.4	—	NE	1	11.8	25	+5	9	+2	71	-7	2	4	—	1	0	23	36
138		TANTA								1003.6	-13.6	E	3	11.5	26	+6	11	+4	70	-9	4	6	—	1	0	29	29
139		ZAGÂZÎG								1005.8	—	ENE	3	12.8	24	+3	9	+3	53	-26	3	7	—	—	0	12	18
141	MIDDLE EGYPT (CAIRO)	ALMÂZA	1010.2	SSW	3	23.9	19	1	8	1005.0	—	ESE	3	17.1	25	—	12	—	35	—	4	7	As	2	0	—	—
		EZBEKÎYA	1009.3	SSW	1	24.3	26	1	8	1004.7	-13.4	—	0	13.2	25	+4	10	+2	74	-1	4	4	St	2	0	8	21
		GÎZA	1008.8	SSW	1	25.2	21	1	7	1004.6	-14.2	—	0	11.4	26	+5	7	+1	70	-5	3	5	St	1	0	10	19
143		HELWÂN	1009.1	—	0	22.9	19	0	8	1004.3	-13.9	ESE	3	17.1	24	+4	11	+2	26	-39	4	8	Cs	1	0	12	22
144		SUEZ								1006.8	-11.1	SE	1	16.0	22	+1	11	+1	55	-17	1	—	—	—	0	12	17
153	UPPER EGYPT	FAIYÛM								1002.2	-16.2	ESE	2	13.3	26	+4	9	+2	37	-28	4	6	—	1	0	4	9
154		MINYA								1006.6	-11.6	SE	2	14.4	25	+3	11	+4	47	-27	4	5	—	—	0	6	—
155		ASYÛT	1009.5	SE	3	25.0	28	0	7	1007.5	-11.6	SSW	2	13.5	29	+6	8	+1	51	-13	0	6	—	0	0	0	5
156		QENA								1007.1	-9.9	ENE	1	13.8	27	+2	6	-2	49	-13	0	6	—	0	0	dr	—
157		LUXOR								1007.2	—	—	0	13.0	28	—	5	—	61	—	0	7	—	1	0	dr	—
158		ASWÂN	1007.9	—	0	27.3	22	1	6	1006.8	-11.0	—	0	14.9	30	+4	11	0	42	-5	2	6	Ci	1	0	1	—
148	WESTERN DESERT	SÎWA	—	SSW	3	27.2	20	3	6	1005.4	-13.0	WSW	3	12.9	27	+5	8	+8	83	+16	0	6	—	0	0	25	4
149		BAHARÎYA	1006.7	S	3	26.1	30	0	7	1005.9	—	W	9	15.4	27	—	14	—	66	—	1	3	Ac	3	0	17	—
151		KHÂRGA	1009.1	NE	1	26.0	39	0	9	1008.4	-9.8	—	0	11.6	27	+2	7	0	40	-18	0	9	—	0	0	0	0
152		DÂKHLA	1007.4	SSE	4	27.5	24	0	6	1010.4	-8.3	NNW	5	14.5	28	+4	4	-2	58	+10	6	3	—	3	0	dr	—
145	RED SEA	TÔR								1006.6	-10.4	NE	3	20.0	26	+4	9	-1	18	-42	0	6	—	0	0	3	11
146		HURGHÂDA								1006.8	-9.5	SSE	2	17.5	25	+3	8	-2	42	-11	0	8	—	0	0	dr	0
147		QUSEIR								1007.6	-8.4	WSW	1	22.3	24	+1	13	-1	50	+6	0	7	—	0	0	1	7
169		PORT SUDAN	1008.7	N	2	26.0	-	2	—	1008.3	-6.4	SW	4	25.0	27	0	23	+4	72	+8	4	—	—	—	0	42	103
165	NORTH SUDAN	WÂDI HALFA	1009.6	N	2	25	-	3	8	1009.2	-8.6	—	0	12.4	27	0	9	0	43	0	0	8	—	1	—	—	—
166		KAREIMA	1006.1	E	1	32	-	1	8	1005.9	-9.6	N	1	21.8	34	+3	19	+6	43	+14	2	8	Ac	1	0	dr	1
167		'ATBARA	1004.0	N	2	—	-	1	—	1006.3	-7.4	N	4	24.0	34	+2	19	+4	33	+9	1	—	—	—	0	5	1
168		KHARTÛM	1002.2	N	1	36	-	2	—	1004.7	-8.5	NE	3	23.7	38	+4	21	+5	40	+16	4	7	Ci	2	0	4	5
170		KASSALA	1003.0	NE	1	36	-	4	8	1006.4	-5.1	—	0	21.4	37	+2	17	-1	65	+9	4	5	Cs	1	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI	1004.0	NE	3	38.0	—	0	—	1009.6	-2.9	NE	3	25.4	39	+4	20	+4	39	+11	0	—	—	—	0	56	13
173		DUEIM								—	—	N	2	26.2	39	+4	22	+7	47	+21	0	—	—	—	0	21	12
182		RENK									—					—		—		—							
172		ROSEIRES								1006.4	-4.5	WSW	2	27.7	42	+5	22	+5	37	+1	1	—	—	—	0	3	38
174		EL OBEID	1002.1	ENE	1	36	—	4	8	1004.8	-10.0	NW	2	26.5	37	+5	21	+10	39	+14	2	8	Ci, As	0	0	23	19
175		EL FÂSHER	1002.4	SW	1	36.5	—	0	—	1006.8	-5.9	NW	1	23.5	39	+7	18	+7	29	+2	0	—	—	—	0	0	8
176	S. SUDAN	MALAKÂL	1001.1	SE	2	40	-	4	8	1006.0	-4.6	—	0	24.7	41	+4	23	+4	56	+36	3	6	Ci, Ac	2	0	81	93
177		WÂU	1001.9	SW	3	37.9	-	2	—	—	—	W	3	28.0	38	+1	22	+3	60	+18	3	—	—	—	0	200	151
178		JÛBA	1001.1	NE	3	39	-	3	7	1007.1	-2.9	NNW	1	26.0	40	+2	24	+3	62	+9	3	6	Cu	1	0	161	145
179		Geneina	—	SW	4	37	-	0	8	—	—	N	1	15.4	37	—	14	—	30	—	1	8	Ci	0	—	—	—
180		Gallabat	—	—	0	39.0	-	1	—	—	—	W	2	25.5	39	—	24	—	72	—	1	—	—	—	0	—	—

Upper Wind Observations on 16th — ارصاد الرياح العليا يوم ١٦

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms. per hour	Almaza 08h.30m. Dir.	Kms. per hour	Cairo 08h.15m. Dir.	Kms. per hour	Helwan 09h.00m. Dir.	Kms. per hour	Asyut 07h.00m. Dir.	Kms. per hour	Aswan 07h.00m. Dir.	Kms. per hour	W. Halfa 06h.00m. Dir.	Kms. per hour
200	270	16	80	28	120	13	170	9	140	21	—	—	—	—	20	8
500	—		90	28	180	24	180	46	160	32	240	50	60	10	—	0
1000	260	14	120	22	200	56	190	61	190	62	250	82	260	10	160	3
1500	0	3	150	19	190	54	200	53	200	89						
2000	230	7	180	12	230	34			180	32						
3000	230	3	170	30	130	29										
4000	70	7														
5000	40	8														
6000																

Height metres above M.S.L.	Kareima 07h.00m. Dir. E.of N.	Kms. per hour	Khartum 06h.00m. Dir.	Kms. per hour	Geneina 07h.00m. Dir.	Kms. per hour	El Obeid 06h.00m. Dir.	Kms. per hour	Malakal 06h.00m. Dir.	Kms. per hour	Juba 07h.00m. Dir.	Kms. per hour	Salum 15th 13h.00m. Dir.	Kms. per hour
200	—	—	—	—	—	—	—	—	—	—	—	—	40	19
500	180	16	100	32	—	—	—	—	270	14	210	21	—	—
1000	190	34	120	21	70	19	130	37	240	21	260	5	130	42
1500	210	34	180	16	330	11	160	19	210	18	40	11	150	43
2000			180	23	260	31	130	23	150	5	60	18	170	14
3000			120	27	250	27	230	31						
4000							260	29						
5000														
6000														

Forecast for 24 hours from noon on 16th

On the coast fresh southeast winds, veering to northwest during the evening.
Inland fresh to strong southerly winds, veering later to west.
Khamsin conditions breaking during evening.
Cooler tomorrow, temperature about normal.
Scattered showers.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٦
رياح شديدة نوعا جنوبية شرقية ثم تتحول الى شمالية غربية أثناء
المساء . ورياح بين شديدة والشديدة جنوبية ثم تتحول الى
غربية في الداخل . ينتهي الطقس الخماسيني أثناء
المساء . سيكون الطقس أميل الى البرودة باكر وتكون
درجة الحرارة حوالى المعدل
يتساقط مطر في جهات متفرقة

STATION	Mean of day: Humidity % on 15th	Diff. from normal	Wet bulb temp. °C on 15th	Diff. from normal
Alexandria	60	-4	11.2	0
Ezbekiya	43	-20	10.9	+0.1
Gîza	45	-20	11.1	+0.7
Helwân	23	-29	9.8	+0.3

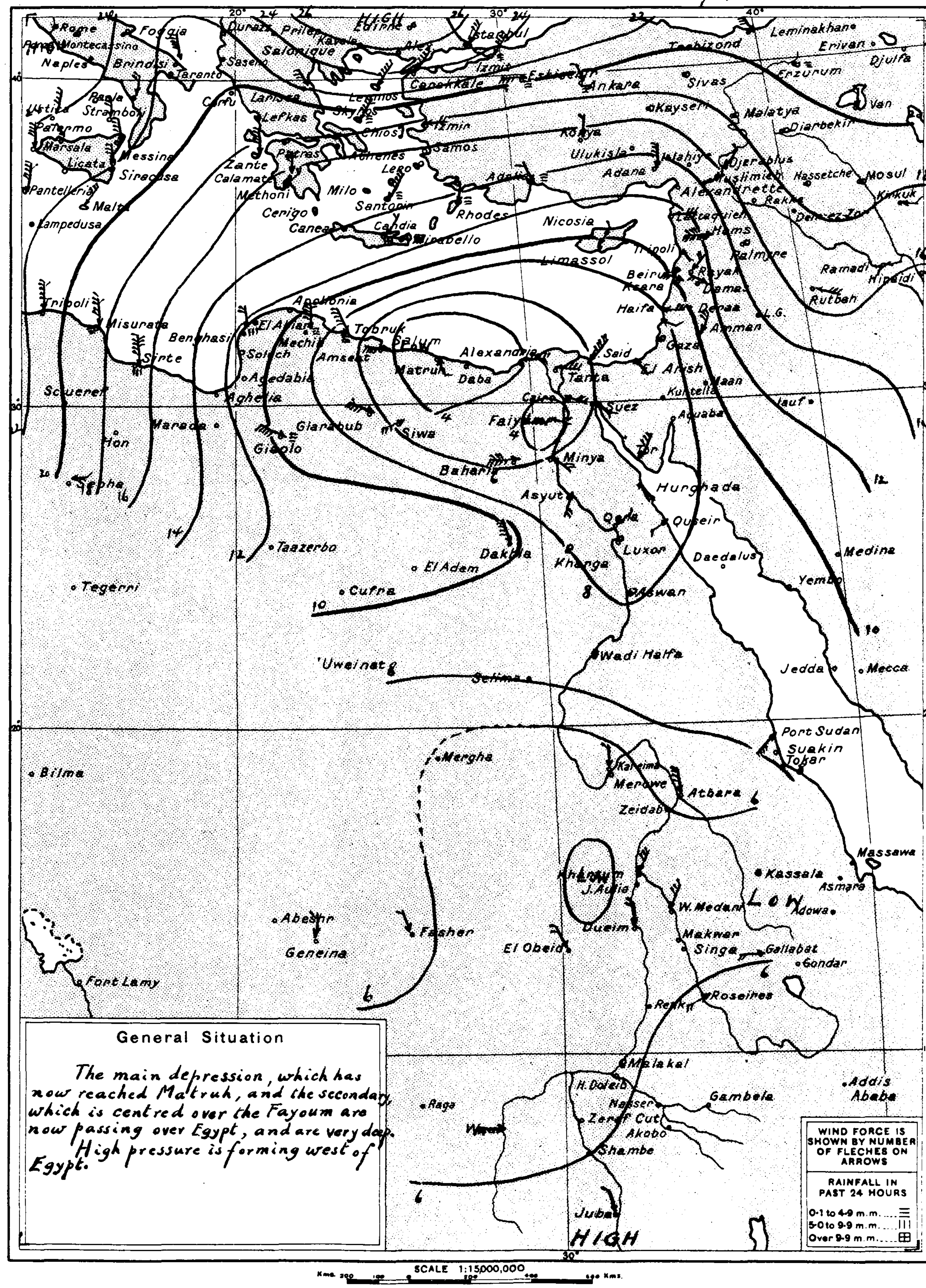
Gîza Grass minimum on 16th 3.8 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
16.2	870	975
15.2	870	1020

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15.2	13.19	-0.12	13.20	-0.11
Nâsser	15.2	5.17	-0.11	5.19	-0.11
Malakâl	16.2	10.24	-0.25	10.25	-0.26
Roseires	16.2	12.12	+0.46	12.09	+0.42
Sennâr Res.	15.2	20.51	—	20.52	—
Khartûm	15.2	10.22	-0.19	10.23	-0.20
Kh. el Girba					
'Atbara	15.2	10.04	-0.26	10.04	-0.27
Kajnarti	15.2	132.39	-0.56	132.45	-0.54
Wâdi Halfa					
Aswân Res.	16.2	120.12	—	120.13	—
,, D.S.	16.2	85.60	-0.51	85.61	-0.52
El Leisi	16.2	17.77	+0.17	17.77	+0.15
Rôda (Cairo)	16.2	15.82	+0.23	15.82	+0.22

١٩٣٧-٢-١٦ Pressure and Wind at 8h. 16-2-1937



General Situation

The main depression, which has now reached Matruh, and the secondary which is centred over the Fayoum are now passing over Egypt, and are very deep.
High pressure is forming west of Egypt.

WIND VELOCITY

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

PRESENT WEATHER

Clear 0; ¼ Clouded 1; ½ Clouded 2; ¾ Clouded 3; Entirely clouded 4; Raining 5; Sand haze 6; Sand storm 7; Mist or Fog 8; Thunderstorm 9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus Ci; Cirro-cumulus Cc; Cirro-stratus Cs; Alto-stratus As; Alto-cumulus Ac; Strato-cumulus Sc; Stratus St; Nimbus Nb; Nimbo-stratus Ns; Cumulus Cu; Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 15-2-1937 — الساعة ٨ يوم ١٥-٢-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1015	-1	NNE	2	12	—	—	—	—	—	—	4	—	—	—	0	—	345	ليماسول
Haifa	1015.2	+0.2	SSE	2	15.2	21	+2	10	+2	51	-13	0	—	—	—	0	527	559	حيفا
Gaza	1015.4	-0.5	—	0	11.2	22	+4	6	-2	77	+2	0	9	—	0	0	360	305	غزه
Ships	33338	—	26706	—	XXXXX	—	06861	—	60008										سفينه

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise 06 h. 33 m.
sunset 17 h. 45 m.

Month *February* 1937 ١٩٣٧ شهر *فبراير*

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	STATION	At 14h. on *16* (الساعة ١٤ يوم ١٦): Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on *Wednesday 17th* (الساعة ٨ يوم الاربعاء ١٧): Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALŪM	1005.3	NE	4	13.4	81	4	6							—		—		—							—
131	MATRŪH								1009.9	-7.8	N	5	15.0	20	+2	12	+3	78	+3	4	6	Sc	6	14	140	130
150	DIKHEILA								1007.8	—	NW	5	13.6	20	—	11	—	96	—	5	7	Cs	7	4	—	—
132	ALEXANDRIA	1008.2	W	2	19.7	60	4	7	1007.4	-10.3	N	5	13.4	22	+2	13	+2	85	+13	3	8	Nb	9	1	161	165
	DAMIETTA								1006.3	—	SW	2	12.6	20	—	9	—	86	—	0	—	—	—	0	63	91
134	PORT SAĪD	1004.7	NE	5	18.2	74	4	8	1007.0	-9.1	SW	6	10.8	19	0	12	+1	73	-2	0	8	—	0	0	34	58
135	EL 'ARĪSH	1003.8	NNE	2	19.3	59	1	6	1007.4	—	S	1	18.0	23	—	11	—	58	—	0	6	—	0	0	—	—
136	LOWER EGYPT: DAMANHŪR								1007.9	-8.7	SW	3	12.0	22	+2	10	+3	76	-4	4	6	—	5	dr	52	83
137	MANSŪRA								1006.4	—	SW	2	10.9	23	+3	8	+1	81	+3	1	6	—	1	0	23	37
[illegible]	TANTA								1007.0	-10.1	SW	5	13.0	24	+4	7	0	77	-2	4	6	—	2	0	29	30
[illegible]	ZAGĀZĪG								1008.4	—	SW	6	13.8	23	+2	8	+2	62	-16	0	8	—	—	0	12	18
[illegible]	MIDDLE EGYPT: CAIRO ALMĀZA	1003.0	S	6	21.9	25	7	4	1008.4	—	SSW	4	12.7	23	—	8	—	68	—	1	7	Ac	1	0	—	—
[illegible]	CAIRO EZBEKĪYA	1002.4	S	2	22.9	35	7	2	1008.6	-9.5	S	3	11.3	24	+3	9	+1	72	-3	1	6	Sc	0	0	8	21
[illegible]	CAIRO GĪZA	1002.3	S	2	22.8	20	7	2	1008.6	-10.1	S	1	11.0	24	+3	10	+4	70	-4	1	5	Sc	1	0	10	19
[illegible]	HELWĀN	1003.1	S	4	20.9	24	6	4	1009.1	-9.0	SSE	2	11.0	23	+3	9	0	64	-1	0	7	Cu	3	0	12	22
144	SUEZ								1008.0	-9.8	S	2	16.5	23	+2	15	+5	51	-21	0	—	—	—	0	12	17
153	UPPER EGYPT: FAIYŪM								1009.0	-9.3	SSW	1	12.2	24	+2	8	+1	68	+3	1	6	—	1	0	4	7
154	MINYA								1010.4	-7.8	SE	2	12.3	23	+1	11	+4	70	-4	2	7	—	—	0	6	—
155	ASYŪT	1005.9	NW	3	21.0	27	0	6	1011.0	-8.0	NW	3	12.5	23	0	10	+3	62	-2	0	5	—	0	0	0	5
156	QENA								1010.7	-6.2	WSW	2	13.7	25	-1	10	+2	59	-2	0	6	—	0	0	dr	—
157	LUXOR								1010.7	—	WSW	4	15.4	28	—	12	—	59	—	0	7	—	0	0	dr	—
158	ASWĀN	1004.6	N	1	28.2	12	0	6	1012.2	-5.6	W	3	14.0	30	+4	11	0	47	0	3	5	Ci	1	0	1	—
148	WESTERN DESERT: SĪWA	1005.4	W	2	18.7	52	3	6	1011.4	-6.9	NE	4	12.3	20	-2	9	+4	83	+16	2	6	Cu	1	0	25	4
149	BAHARĪYA	1005.3	W	7	20.0	50	0	6	1010.6	—	W	3	12.2	21	—	8	—	78	—	0	9	—	0	0	17	—
151	KHĀRGA	1006.6	N	2	24.4	44	0	9	1012.2	-5.9	—	0	13.7	25	0	7	0	70	+13	0	9	—	0	0	0	0
152	DĀKHLA	1007.5	WNW	4	20.3	46	6	3																		—
145	RED SEA: TŌR								1009.0	-7.9	NW	2	18.0	26	+4	11	+1	62	+2	8	5	—	2	0	3	11
146	HURGHĀDA								1008.8	-7.5	NW	4	17.0	24	+1	8	-2	41	-12	0	7	—	0	0	dr	0
147	QUSEIR								1007.9	-8.1	WSW	1	17.8	24	+1	15	+1	49	+5	0	7	—	0	0	1	7
169	PORT SUDAN	1005.1	—	4	28.2	—	1	—	1006.6	-8.0	N	2	26.3	28	+1	24	+5	75	+11	4	—	—	—	0	42	103
165	NORTH SUDAN: WĀDI HALFA	1007.7	NW	6	25	—	0	4	1014.1	-3.7	NW	2	12.0	26	-1	9	0	65	+22	0	6	—	0	—	—	—
166	KAREIMA	1003.1	NNW	3	36	—	0	8	1010.9	-4.6	NNE	3	17.3	36	+5	15	+2	25	-3	0	7	—	0	0	dr	1
167	'ATBARA	1001.4	SSW	1	40.3	—	0	—																		
168	KHARTŪM	1099.9	SSW	5	31	—	2	7	1008.7	-4.4	NNW	6	20.4	41	+7	19	+3	14	-9	4	4	Ci;Ac	1	0	4	5
170	KASSALA	1099.2	ENE	1	30	—	2	8	1005.5	-5.9	N	1	24.3	41	+5	21	+3	46	-10	2	7	Ci;Ac	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI	1000.7	ESE	2	40.0	—	0	—	1006.4	-6.1	N	4	24.4	41	+6	22	+6	13	-15	0	—	—	—	0	56	13
173	DUEIM								—	—	NW	4	22.8	41	+6	22	+7	31	+6	3	—	—	—	0	21	12
182	RENK									—				—			—		—							
172	ROSEIRES								1007.2	-3.7	SW	2	28.4	42	+5	27	+10	30	-5	2	—	—	—	0	3	38
174	EL OBEID	1099.0	NW	2	39	—	4	8	1009.5	-5.2	NE	2	20.2	39	+7	19	+8	31	+6	4	6	Cs	2	0	23	19
175	EL FĀSHER	1000.6	ESE	2	37.0	—	0	—	1009.3	-3.3	N	4	17.3	38	+6	15	+4	29	+3	2	—	—	—	0	0	8
176	S. SUDAN: MALAKĀL	1099.0	SW	1	41	—	4	8	1006.8	-3.7	SW	1	26.5	42	+5	25	+6	69	+49	4	7	Ce,Ac	2	dr	81	93
177	WĀU	—	SW	3	39	—	3	—	1005.9	-3.9	SW	3	26.8	40	+3	23	+4	61	+19	3	—	—	—	1	201	157
178	JŪBA	1000.0	N	4	37	—	4	6	1007.8	-2.2	SW	4	26.0	40	+2	24	+3	62	+9	4	7	Ci;Ac	1	dr	161	146
179	*Geneina*	—	N	3	33	—	2	8	—	—	NE	3	13.4	38	—	12	—	25	—	1	3	Ci	4	—	—	—
180	*Gallabat*	—	NE	3	37.5	—	0	—																		

Upper Wind Observations on 17th — ارصاد الرياح العليا يوم ١٧

Dir. E. of N.; Kms. per hour

Height metres above M.S.L.	Matruh 07h.00m. Dir.	Kms.	Almaza 08h.00m. Dir.	Kms.	Cairo 08h.15m. Dir.	Kms.	Helwan 09h.00m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 07h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Abukir 07h.00m. R.A.F. Dir.	Kms.	Heliopolis 07h.00m. R.A.F. Dir.	Kms.	Amman 07h.00m. R.A.F. Dir.	Kms.	Ramleh 07h.00m. R.A.F. Dir.	Kms.
200	10	60	200	40	210	16	200	13	—	—	—	—	0	23	—	—	—	—	—	—	—	—	310	27	250	23	—	—	200	24
500	10	54	230	31	270	25	200	23	280	27	320	52	350	51	0	50	—	—	340	10	—	—	310	26	270	31	—	—	220	16
1000	10	34	270	30	300	36	290	32	270	22	310	33	330	51	350	48	0	55	30	24	10	31	330	29	270	35	280	29	250	13
1500	Ent	Ca	260	30	270	27	260	25					340	32	300	39	0	60	100	18					250	16	0	37	250	18
2000			260	36	260	25	260	37							250	47	300	24	170	8					260	37	170	23	240	18
3000			270	34													220	37	230	11					260	34				
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 17th

On the coast fresh to strong northwest winds, moderating tomorrow.
Inland moderate southwest winds veering to west or northwest.
Some low cloud, increasing. Showers in the north, but weather improving.
Remaining cool.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٧

رياح ما بين شمالية و الى شديدة شمالية غربية تعتدل غدا على السواحل

و رياح معتدلة جنوبية غربية تتحول الى الغرب او الشمال الغربى فى الداخل

يظهر بعض السحاب المنخفض و يتزايد

رذاذ فى الشمال ولكن الطقس آخذ فى التحسن

يستمر باردا

STATION	Mean of day: Humidity % on 16th	Diff. from normal	Wet Bulb Temp. °C on 16th	Diff. from normal
Alexandria	68	+4	13.2	+2.0
Ezbekiya	52	-10	12.3	+1.5
Gīza	50	-15	10.4	0
Helwān	29	-22	10.3	+0.8

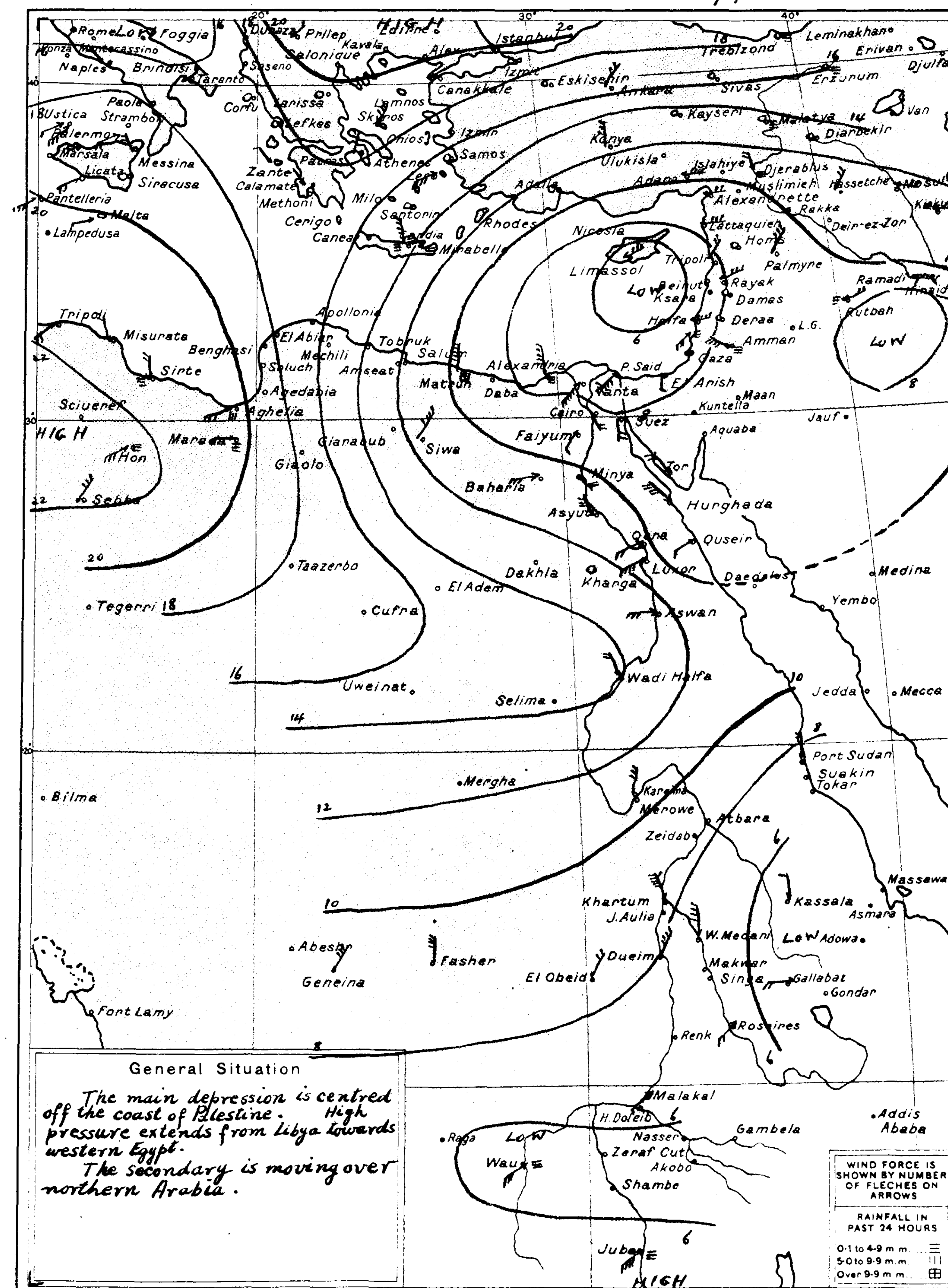
Gīza Grass minimum on 17th 7.0 °C

Discharges at Aswān measured by sluices m.³ per sec.

DATE	1937	1936
17-2	869	983
16-2	870	975

GAUGE	Date 1937	Reading m.	Diff. from Normal m.	Previous day Reading m.	Previous day Diff. from Normal m.
Jūba	17-2	13.18	-0.12	13.19	-0.11
Nāsser	16-2	8.19	-0.07	8.17	-0.11
Malakāl	17-2	10.23	-0.25	10.24	-0.25
Roseires	17-2	12.14	+0.48	12.12	+0.46
Sennār Res.	16-2	20.50	—	20.51	—
Khartūm	16-2	10.23	-0.16	10.22	-0.19
Kh. el Girba					
'Atbara	16-2	10.02	-0.26	10.04	-0.26
Kajnarti	16-2	132.34	-0.59	132.39	-0.56
Wādi Halfa					
Aswān Res.	17-2	120.09	—	120.12	—
,, D. S.	17-2	85.80	-0.48	85.60	-0.51
El Leisi	17-2	17.74	+0.16	17.77	+0.17
Rōda (Cairo)	17-2	15.77	+0.21	15.82	+0.23

Pressure and Wind at 8 h. 17-2-1937 — ١٩٣٧-٢-١٧



General Situation

The main depression is centred off the coast of Palestine. High pressure extends from Libya towards western Egypt.
The secondary is moving over northern Arabia.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

STATION	At 8 h. on *16-2-1937* (الساعة ٨ يوم ١٦-٢-١٩٣٧): Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1008	-8	NE	1	15	—	—	—	—	—	—	4	—	—	—	0	—	348	ليماسول
Haifa	1008.4	-6.6	E	3	16.5	25	+6	11	+3	60	-4	2	—	—	—	0	527	562	حيفا
Gaza	1007.0	-8.8	—	0	11.8	23	+5	7	-1	80	+5	0	9	—	0	0	360	308	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO
Time of sunrise h. 06 m. 32
sunset h. 17 m. 46

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

DAILY WEATHER REPORT

Month *February* 1937 ١٩٣٧ شهر فبراير

At 14h. on *17th* الساعة ١٤ يوم ١٧ — At 8h. on *Thursday 18th* الساعة ٨ يوم الخميس ١٨

No.		STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1014.6	N	3	14.4	76	3	6	1018.2	+0.5	NNW	3	6.8	15	—	6	—	91	—	0	5	—	6	3	87	—
131		MATRÛH	1012.0	NNW	4	16.3	70	4	6	1016.4	-1.2	SW	2	9.8	18	0	9	0	79	+4	0	6	—	6	3	143	131
150		DIKHEILA	1010.3	NNW	4	17.9	87	2	—	1017.0	—	NNW	4	16.0	20	—	13	—	69	—	3	8	Cu	1	dr	—	—
132		ALEXANDRIA	1009.0	N	4	19.3	69	4	8																		
		DAMIETTA								1014.6	—	NW	1	16.0	21	—	10	—	87	—	1	—	—	—	0	63	92
134		PORT SAÎD	1008.6	SW	5	21.0	52	0	8	1015.4	-0.6	SW	2	15.5	22	+2	12	0	86	+11	0	5	—	0	0	34	59
135		EL 'ARÎSH	1007.4	WNW	2	20.2	62	0	6	1014.0	—	WSW	3	16.1	21	—	12	—	88	—	1	5	Cu	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1016.6	0.0	WSW	1	12.1	21	+1	10	+3	91	+11	1	6	—	6	3	55	84
137		MANSÛRA								1015.0	—	W	2	12.5	22	+2	10	+3	89	+4	2	4	—	1	0	23	37
		TANTA								1015.9	-1.2	—	0	12.5	22	+2	8	+1	94	+16	3	6	—	2	0	29	30
		ZAGÂZÎG								1016.4	—	WSW	3	13.8	22	+1	8	+2	87	+9	1	8	—	—	0	12	18
	MIDDLE EGYPT — CAIRO	ALMÂZA	1009.3	SW	4	20.2	47	3	8	1016.2	—	W	2	13.6	21	—	10	—	89	—	3	6	Sc	2	dr	—	—
		EZBEKÎYA	1008.7	SW	3	22.0	38	3	8	1016.0	-2.0	WSW	1	13.8	22	+1	11	+3	90	+15	2	5	Cu	1	dr	8	21
		GÎZA	1008.4	NW	2	20.0	39	3	5	1016.2	-2.4	NW	1	13.2	22	+1	10	+4	95	+21	3	5	Sc	2	dr	10	19
		HELWÂN	1009.1	SW	3	19.9	36	2	8	1016.7	-1.4	—	0	13.0	21	0	12	+3	95	+30	4	5	Cb	8	1	13	22
144		SUEZ								1016.3	-1.5	E	1	15.7	21	0	13	+3	68	-4	2	—	—	—	0	12	17
153	UPPER EGYPT	FAIYÛM								1017.2	-1.1	NNW	2	13.3	23	+1	9	+2	86	+21	4	5	—	1	0	4	9
154		MINYA								1018.4	+0.3	NNW	3	13.5	22	0	10	+2	61	-13	4	7	—	—	dr	6	—
155		ASYÛT	1010.4	WNW	3	20.0	40	2	7	1017.4	-1.5	WNW	3	12.8	22	-1	11	+4	80	+16	1	6	Cu	1	0	0	5
156		QENA								1016.2	-0.6	WNW	1	13.0	23	-3	7	-2	66	+5	0	6	—	0	0	dr	—
157		LUXOR								1015.5	—	—	0	13.8	23	—	6	—	66	—	0	7	—	1	0	dr	—
158		ASWÂN	1009.8	N	2	21.8	25	3	5	1015.9	-1.8	—	0	14.3	23	-4	10	-1	52	+6	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1012.6	N	2	20.5	48	3	6	1019.6	+1.3	—	0	11.4	22	0	4	-2	61	-6	0	6	—	6	3	28	4
149		BAHARÎYA	1010.3	W	3	19.5	41	2	9	1018.3	—	W	2	14.0	21	—	12	—	90	—	1	[illegible]	Cu	6	3	20	—
151		KHÂRGA	1010.0	N	2	24.2	40	0	9	1019.4	+1.4	N	1	12.2	24	-1	7	0	74	+17	0	9	—	0	0	0	0
152		DÂKHLA	1011.5	WNW	5	19.5	32	4	6	1019.0	+0.4	WNW	1	12.0	20	-5	9	+2	18	-30	0	8	—	0	0	dr	—
145	RED SEA	TÔR								1015.2	-1.6	NW	2	14.0	22	0	9	-1	—	—	6	6	—	▲	▲	3	11
146		HURGHÂDA								1014.8	-1.4	WNW	3	17.5	23	0	9	-1	43	-10	0	7	—	0	0	dr	0
147		QUSEIR																									
169		PORT SUDAN																									
165	NORTH SUDAN	WÂDI HALFA	1012.7	NW	4	20	—	3	6	1018.6	+0.9	WNW	2	12.1	21	-6	8	-1	65	+22	2	8	Ci,Ac	2	—	—	—
166		KAREIMA	1010.0	N	3	25	—	3	7	1016.3	+0.9	N	2	18.0	26	-6	15	+2	26	-2	4	7	Ac	2	0	dr	1
167		'ATBARA	1006.0	N	4	29.5	—	1	—	1014.3	+0.7	N	3	20.0	29	-3	18	+3	40	+17	4	—	—	0	0	5	1
168		KHARTÛM	1005.5	N	6	31	—	1	5	1013.8	+0.8	N	4	20.3	31	-3	19	+3	29	+6	4	8	Sc,Ac	8	dr	4	5
170		KASSALA	1000.2	NNW	3	38	—	2	7	1013.4	+2.1	NE	1	21.2	39	+3	20	+2	41	-15	4	6	As	1	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI	1005.6	NE	4	31.0	—	0	—	1011.1	-1.3	N	3	22.6	33	-2	21	+5	24	-4	2	—	—	—	0	56	13
173		DUEIM																									
182		RENK																									
172		ROSEIRES								1011.8	+0.9	WNW	2	24.7	37	0	23	+6	21	-44	1	—	—	1	0	3	38
174		EL OBEID	1006.9	NNE	3	27	—	4	8	1013.5	-1.1	NNE	2	18.0	28	-4	18	+6	62	+37	4	8	Ac	8	dr	23	19
175		EL FÂSHER	1006.8	NE	1	29.0	—	1	—	1011.9	-0.6	NW	2	16.5	30	-2	15	+4	29	+3	1	—	—	0	0	0	8
176	S. SUDAN	MALAKÂL	1003.0	SW	1	37	—	4	8	1009.8	-0.6	N	3	25.8	37	0	24	+5	43	+23	4	6	Cs,Ac	2	0	81	93
177		WÂU	1003.2	N	3	33.2	—	3	—	1009.3	-0.5	N	3	24.8	34	-3	23	+4	66	+44	4	—	—	2	0	201	151
178		JÛBA								1010.3	+0.3	S	3	25.0	39	+1	22	+1	76	+23	1	7	Cs,Ac	1	dr	161	146
179		*Geneina*	—	NE	4	26	—	3	7	—	—	NE	3	13.4	35	—	12	—	25	—	3	7	Cs,Ac	0	—	—	—
180		*Gallabat*	—	WSW	7	36.0	—	0	—																		

Upper Wind Observations on 18th ارصاد الرياح العليا يوم ١٨

Dir. = E. of N.; Kms = Kms. per hour; Height = metres above M.S.L.

Height	Salam 07h.00m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Dikheila 07h.45m. Dir.	Kms	Almaza 07h.30m. Dir.	Kms	Cairo 08h.15m. Dir.	Kms	Helwan 09h.45m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	W.Halfa 07h.00m. Dir.	Kms	Kareima 06h.00m. Dir.	Kms	Khartum 06h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms
200	290	15	270	24	320	28	300	22	320	22	330	7	—	—	—	—	340	27	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	270	24	320	27	320	28	330	23	310	21	290	14	330	26	330	43	120	37	0	32	—	—	310	14	—	—	30	58
1000	300	28	270	24	300	18	340	18	320	20	290	19	300	18	320	24	330	24	10	37	20	39	0	60	350	26	10	50	40	72
1500	300	14	240	33	320	20	Ent. Sc				280	18	300	14	300	31	310	34	310	24	240	16	60	61	10	16	40	27	40	68
2000	300	37	270	24	290	19					290	31					200	21	270	31			230	18	310	13				
3000	310	27	220	30							Dis. behind Cb								240	53			290	18	250	27				
4000																							250	50	190	18				
5000																									170	34				
6000																														

Forecast for 24 hours from noon on 18th

Moderate winds chiefly westerly.
Much low cloud decreasing tomorrow.
Possibly light showers, but weather improving.
Temperature slightly below normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٨
رياح معتدلة أكثرها غربية
يكثر السحاب المنخفض ولكنه يقل باكر
يحتمل تساقط مطر خفيف في جهات متفرقة ولكن الطقس سيتحسن
درجة الحرارة دون المعدل قليلا

STATION	Mean of day Humidity % on 17th	Diff. from normal	Wet Bulb Temp. °C on 17th	Diff. from normal
Alexandria				
Ezbekiya	64	+2	12.4	+1.5
Giza	63	-2	11.4	+0.9
Helwân	55	+4	10.8	+1.3

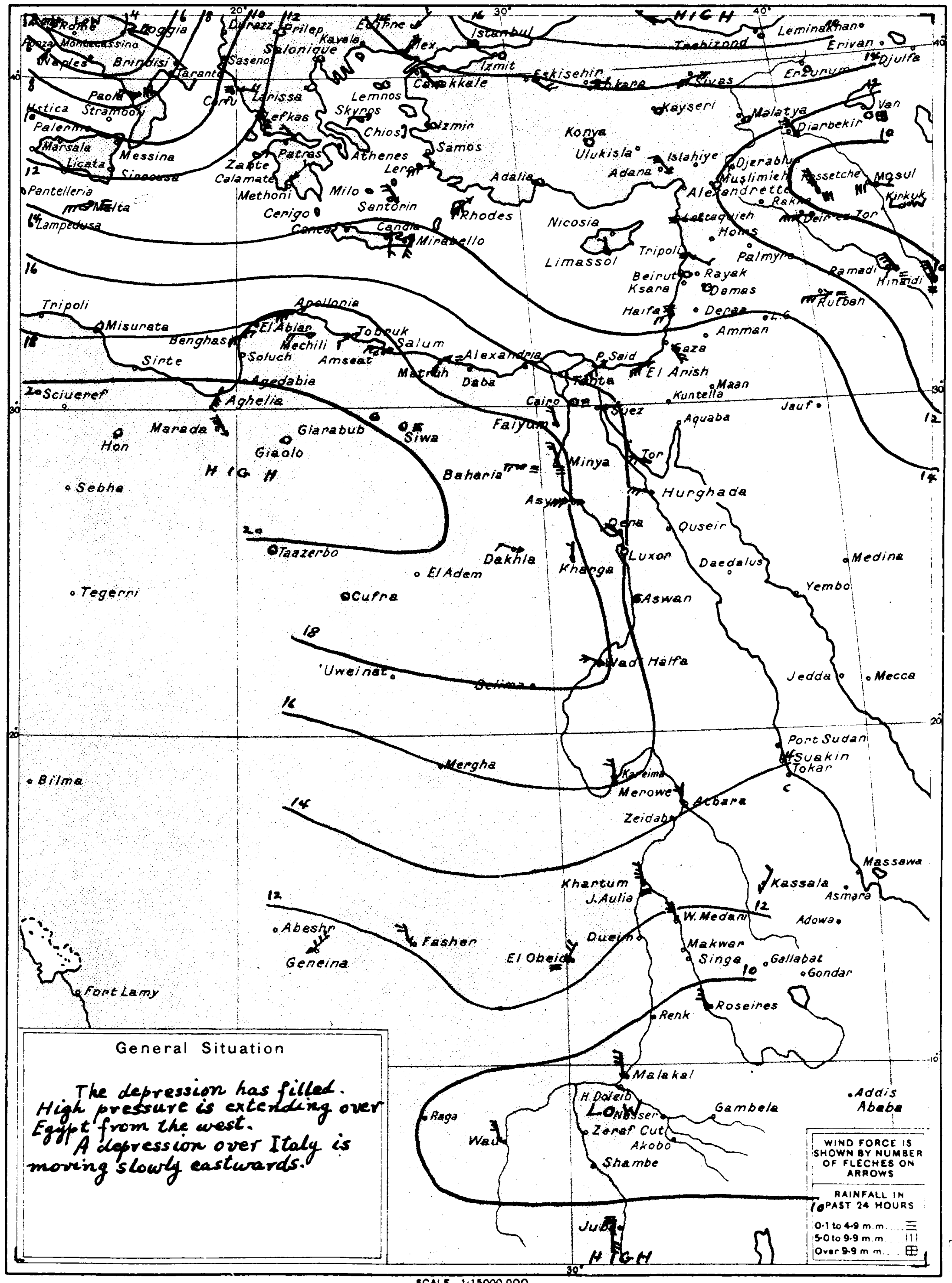
Gîza Grass minimum on 18th 5.5 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
18.2	868	983
17.2	869	983

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17-2	13.18	-0.12	13.19	-0.11
Nâsser	17-2	5.21	-0.04	5.19	-0.07
Malakâl	18-2	10.21	-0.25	10.23	-0.25
Roseires	18-2	12.16	+0.50	12.14	+0.48
Sennâr Res.	17-2	20.47	—	20.50	—
Khartûm	17-2	10.17	-0.21	10.23	-0.16
Kh. el Girba					
'Atbara	17-2	10.00	-0.27	10.02	-0.26
Kajnarti	17-2	132.32	-0.57	132.34	-0.59
Wâdi Halfa					
Aswân Res.	18-2	120.07	—	120.09	—
,, D. S.	18-2	85.59	-0.47	85.60	-0.48
El Leisi	18-2	17.70	+0.13	17.74	+0.16
Rôda (Cairo)	18-2	15.75	+0.18	15.79	+0.21

١٩٣٧-٢-١٨ Pressure and Wind at 8 h. *18-2-1937*



General Situation

The depression has filled. High pressure is extending over Egypt from the west.
A depression over Italy is moving slowly eastwards.

At 8 h. on *17-2-1937* الساعة ٨ يوم ١٧-٢-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1005	-11	ENE	3	17	—	—	—	—	—	—	0	—	—	—	0	—	351	ليماسول
Haifa	1007.6	-7.3	E	4	17.2	25	+6	12	+4	63	-1	4	—	—	—	0	327	566	حيفا
Gaza	1007.6	-8.2	—	0	13.1	23	+4	10	+2	72	-2	2	5	—	1	0	360	310	غزة
Dakhla	1014.3	-4.4	WNW	1	12.9	21	-4	7	+1	36	-12	5	7	—	5	dr	dr	—	الداخلة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise 06 31 h. m.

sunset 17 47

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month February 1937 ١٩٣٧ شهر فبراير ١٩٣٧-٢-١٩ Pressure and Wind at 8 h. 19-2-1937

1417 F.C.

At 14h. on 18th ١٨ يوم الساعة ١٤

		STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
130	MEDITERRANEAN	SALÛM	1017.5	W	3	16.3	47	2	6
131		MATRÛH	1016.8	NW	4	15.3	43	3	6
150		DIKHEILA							
132		ALEXANDRIA	1017.0	W	4	18.8	60	2	9
		DAMIETTA							
134		PORT SAÏD	1017.0	NE	5	20.5	63	1	8
135		EL ARÎSH	1014.2	WNW	2	17.0	86	1	5
136	LOWER EGYPT	DAMANHÛR							
137		MANSÛRA							
138		TANTA							
139		ZAGÂZÎG							
141	MIDDLE EGYPT	CAIRO: ALMÂZA	1016.2	WNW	4	19.9	57	3	8
		CAIRO: EZBEKÎYA	1015.8	W	3	20.7	44	1	7
		CAIRO: GÎZA	1015.6	NW	2	20.2	43	2	5
143		HELWÂN	1016.2	NW	3	19.0	46	2	8
144		SUEZ							
153	UPPER EGYPT	FAIYÛM							
154		MINYA							
155		ASYÛT	1016.8	WNW	3	20.5	45	2	7
156		QENA							
157		LUXOR							
158		ASWÂN	1014.3	W	1	23.3	25	0	6
148	WESTERN DESERT	SÎWA	1018.3	W	1	20.5	45	2	6
149		BAHARÎYA	1017.4	NW	2	19.0	46	3	7
151		KHÂRGA	1016.8	N	3	22.0	61	0	9
152		DÂKHLA	1016.6	NNE	2	20.4	27	0	9
145	RED SEA	TOR							
146		HURGHÂDA							
147		QUSEIR							
169		PORT SUDAN	1013.3	N	4	21.0	—	4	—
165	NORTH SUDAN	WÂDI HALFA	1016.0	NNW	4	21	—	2	8
166		KAREIMA	1013.9	N	3	26	—	2	7
167		'ATBARA	1011.4	N	3	27.3	—	2	—
168		KHARTÛM	1010.6	N	4	23	—	4	7
170		KASSALA	1008.2	NE	2	29	—	4	7
171	CENTRAL SUDAN	WAD MEDANI							
173		DUEIM							
		RENK							
172		ROSEIRES							
174		EL OBEID	1009.7	NE	3	26	—	3	8
175		EL FÂSHER							
176	S. SUDAN	MALAKÂL	1004.6	NE	2	36	—	3	7
177		WÂU	1006.8	NW	2	30.0	—	4	—
178		JÛBA	1003.0	NE	3	36	—	4	7
179		Geneina	—	E	3	28	—	3	7
180		Gallabat	—	N	3	29.0	—	2	—

At 8h. on Friday 19th ١٩ الجمعة يوم الساعة ٨

STATION	BAR. PRESSURE Reduced to M.S.L. m.b.	BAR. PRESSURE Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.	RAINFALL Total fr. Oct. 1 to yesterday m. m.	RAINFALL Normal fr. Oct. 1 to yesterday m. m.
SALÛM	1016.6	-1.0	SW	5	11.3	17	—	7	—	58	—	1	5	Ci	1	0	87	—
MATRÛH	1017.1	-0.5	S	3	12.1	16	-2	10	+1	76	+1	1	6	Sc	1	0	143	132
DIKHEILA	1020.2	—	WSW	2	11.3	18	—	8	—	84	—	2	8	Ac	0	dr.	—	—
ALEXANDRIA	1019.5	+2.0	—	0	12.5	21	+1	10	-1	87	+15	0	8	—	0	dr.	161	166
DAMIETTA	1015.4	—	SW	1	13.0	22	—	8	—	87	—	0	—	—	—	0	63	93
PORT SAÏD	1020.2	+4.2	SW	3	14.2	21	+1	12	0	70	+16	0	8	—	0	0	34	59
EL ARÎSH	1019.5	—	SSE	1	15.8	19	—	10	—	74	—	0	6	—	0	0	—	—
DAMANHÛR	1019.8	+3.3	SW	2	10.8	20	0	9	+2	87	+7	0	5	—	6	11	66	85
MANSÛRA	1019.4	—	N	1	8.5	21	+1	6	-1	93	+15	0	4	—	4	3	26	38
TANTA	1019.8	+2.7	—	0	13.3	21	0	6	-1	93	+15	0	6	—	6	4	33	31
ZAGÂZÎG	1019.9	—	NNE	1	7.6	21	0	5	-2	93	+15	4	—	—	0	0	12	19
CAIRO: ALMÂZA	1019.5	—	ESE	2	15.0	20	—	7	—	72	—	0	7	—	0	dr.	—	—
CAIRO: EZBEKÎYA	1019.0	+1.1	—	0	11.6	22	+1	9	+1	91	+16	0	4	—	4	0	8	22
CAIRO: GÎZA	1019.4	+0.8	SE	1	13.2	22	+1	5	-1	74	0	1	5	St	1	0	10	20
HELWÂN	1020.2	+2.2	NE	1	12.9	20	-1	9	0	68	+3	0	7	—	1	0	13	22
SUEZ	1019.8	+2.1	—	0	12.8	21	0	10	0	75	+3	0	—	—	—	tr.	12	17
FAIYÛM	1019.6	+1.4	—	0	12.8	23	+1	7	0	59	-6	0	6	—	1	0	4	9
MINYA	1020.8	+2.7	NNW	1	12.5	20	-2	8	0	65	-8	0	7	—	—	5	11	—
ASYÛT	1019.5	+0.7	W	2	11.8	22	-1	8	+1	65	+2	0	6	—	1	0	0	5
QENA	1018.2	+1.4	NW	1	13.8	25	-1	10	+1	55	-6	0	6	—	0	0	dr.	—
LUXOR	1017.4	—	—	0	15.6	25	—	8	—	64	—	0	7	—	1	0	dr.	—
ASWÂN	1017.1	-0.5	NNE	1	14.0	25	-2	11	0	57	+11	3	6	Cu	1	0	1	—
SÎWA	1017.8	-0.4	—	0	8.1	21	-1	2	-4	63	-4	0	6	—	0	0	28	4
BAHARÎYA	1020.0	—	SW	1	10.3	19	—	4	—	73	—	0	9	—	0	0	20	—
KHÂRGA	—	—	NE	2	14.0	23	-2	11	+4	73	+16	0	9	—	0	0	0	0
DÂKHLA	1019.1	+0.6	—	0	11.3	21	-4	8	+1	55	+8	0	8	—	0	0	dr.	—
TOR	1018.0	+1.2	—	1	15.8	21	-1	11	+1	52	-8	1	6	—	2	0	3	11
HURGHÂDA	1018.6	+2.4	WNW	4	17.8	23	0	8	-2	52	0	0	8	—	0	0	dr.	0
QUSEIR	1017.8	+1.9	NNW	3	19.9	24	+1	16	+1	54	+11	0	7	—	0	0	1	7
PORT SUDAN	1014.4	-0.1	N	3	22.2	27	0	21	+2	60	-4	4	—	—	—	dr.	42	103
WÂDI HALFA	1017.1	-0.5	N	3	14.4	27	0	11	+2	57	+15	3	8	Ac, St	2	—	—	—
KAREIMA	1014.9	-0.4	N	1	16.0	26	-6	14	+1	36	+8	3	8	Ac, St	1	0	dr.	1
'ATBARA	1013.0	-0.6	N	3	19.5	27	-5	17	+2	35	+12	3	—	—	—	0	5	1
KHARTÛM	1011.4	-1.5	NNE	4	20.0	27	-7	17	+1	32	+9	2	8	Ac	2	tr.	4	5
KASSALA	1009.3	-1.9	NNE	2	25.1	30	-6	22	+4	68	+13	4	8	St.	1	dr.	dr.	11
WAD MEDANI	1011.1	-1.2	NE	4	23.0	30	-6	19	+3	21	-6	0	—	—	—	0	56	13
DUEIM	—	—	NW	4	22.0	27	-8	17	+2	29	+4	0	—	—	—	0	21	12
RENK																		
ROSEIRES	1010.9	+0.1	NNE	2	23.9	38	+1	19	+2	25	-10	1	—	—	0	0	3	38
EL OBEID	1012.0	-2.5	N	2	18.8	27	-5	16	+4	30	+6	1	8	Ac	0	0	23	19
EL FÂSHER	1013.3	-0.9	NW	2	14.5	31	-1	14	+3	43	+17	1	—	—	0	0	0	8
MALAKÂL	1009.3	-1.1	N	3	24.3	37	0	21	+2	49	+29	4	8	Cu, Ac	2	0	81	93
WÂU	1008.8	-1.0	N	2	23.0	31	-6	20	+1	48	+6	2	—	—	—	0	201	152
JÛBA	1009.6	-0.4	NNE	3	24.8	38	0	21	0	88	+14	1	4	Sc.	1	0	161	146
Geneina	—	—	NE	3	13.5	29	—	11	—	88	—	1	7	Cc.	0	0	—	—
Gallabat																		

Upper Wind Observations on 19th ١٩ ارصاد الرياح العليا يوم

Height above M.S.L.	Dakheila 07 h. 45 m. Dir. E. of N.	Kms. per hour	Almaza 07 h. 30 m. Dir. E. of N.	Kms. per hour	Wadi Halfa 07 h. 00 m. Dir. E. of N.	Kms. per hour	Kassala 07 h. 00 m. Dir. E. of N.	Kms. per hour	Kareima 06 h. 00 m. Dir. E. of N.	Kms. per hour	Khartum 06 h. 30 m. Dir. E. of N.	Kms. per hour	Geneina 07 h. 00 m. Dir. E. of N.	Kms. per hour	El Obeid 06 h. 00 m. Dir. E. of N.	Kms. per hour	Malakal 06 h. 00 m. Dir. E. of N.	Kms. per hour	Jubba 07 h. 00 m. Dir. E. of N.	Kms. per hour	Salam 18th 13 h. 00 m. Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour	h. m. Dir. E. of N.	Kms. per hour
200	200	6	70	11	20	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	270	15								
500	290	6	40	5	30	55	20	21	40	47	10	42	—	—	—	—	10	66	20	18	250	48								
1000	290	24	310	12	30	55	100	21	50	43	30	34	0	50	20	53	30	63	80	32	260	31								
1500	290	26	290	18	40	23	80	24	50	8	110	16	130	23	50	46	20	23	100	37	260	32								
2000	290	29	250	21	230	42	70	14	270	18	210	10	190	24	130	31	10	29	120	37	270	24								
3000			230	26			290	16	230	34	290	5			190	14														
4000							270	10	240	51					230	26														
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

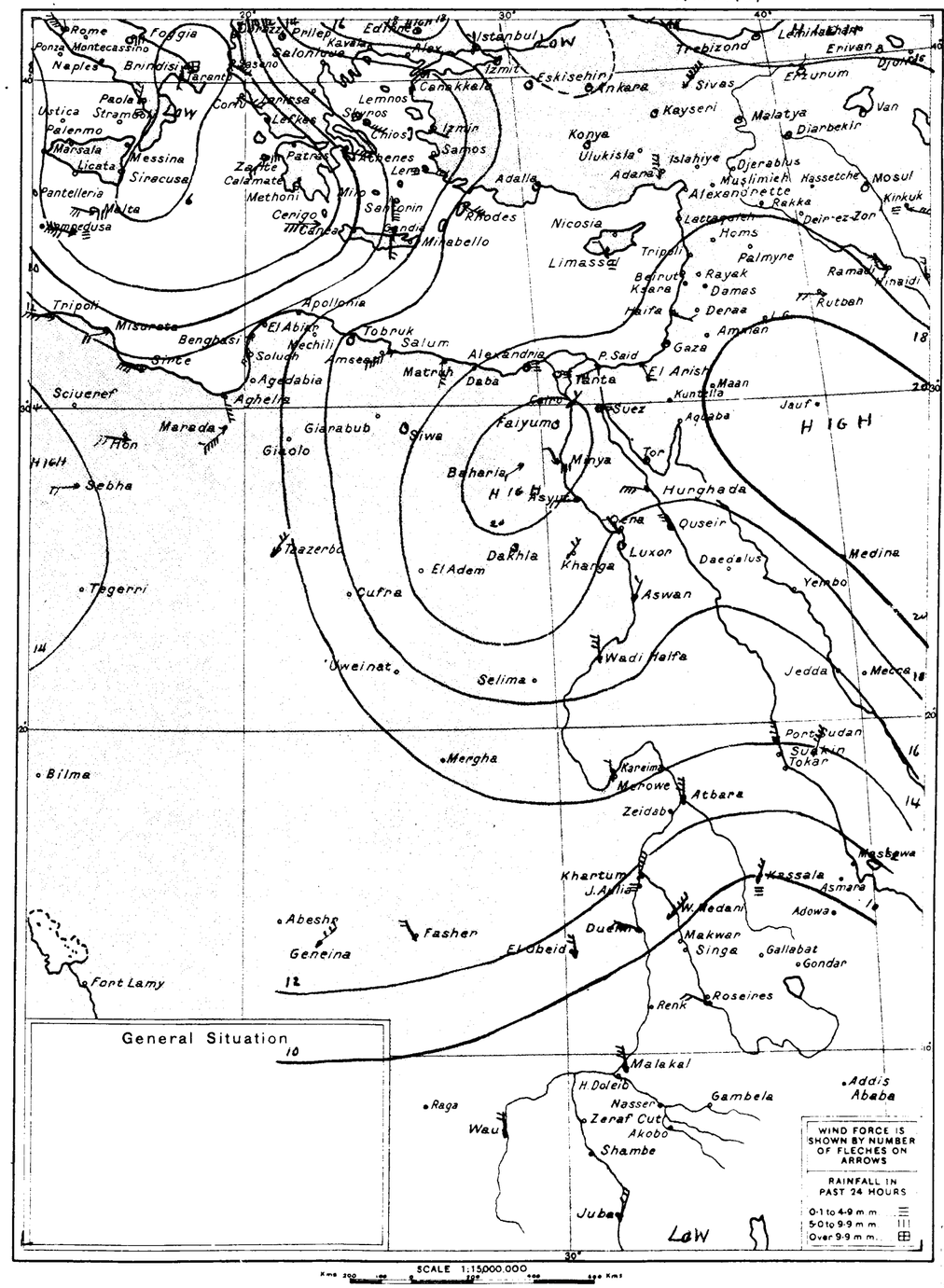
STATION	Mean of day HUMIDITY % on 18th	Diff. from normal	WET BULB TEMP. °C on 18th	Diff. from normal
Alexandria	70	+6	13.2	+1.9
Ezbekiya	74	+12	13.1	+2.1
Giza	77	+13	12.9	+2.4
Helwân	71	+20	12.3	+2.8

Giza Grass minimum on 19th 1.5 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
19-2	867	983
18-2	868	983

GAUGE	Date 1937	Reading m	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19-2	13.18	-0.12	13.17	-0.13
Nâsser	19-2	5.25	+0.03	5.23	-0.01
Malakâl	19-2	10.22	-0.22	10.21	-0.25
Roseires	19-2	12.19	+0.54	12.16	+0.50
Sennâr Res.	19-2	20.42	—	20.44	
Khartûm	19-2	10.18	-0.18	10.14	-0.23
Kh. el Girba					
Atbara	19-2	9.98	-0.27	10.00	-0.26
Kajnarti	19-2	132.32	-0.52	132.32	-0.55
Wâdi Halfa					
Aswân Res.	19-2	120.02	—	120.07	—
" D.S.	19-2	85.59	-0.45	85.59	-0.47
El Leisi	19-2	17.64	+0.09	17.70	+0.13
Rôda (Cairo)	19-2	15.77	+0.20	15.75	+0.18



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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 18-2-1937 ١٨-٢-١٩٣٧ الساعة ٨ يوم

STATION	BAR. PRESSURE Reduced to M.S.L. m.b.	BAR. PRESSURE Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM To day °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.	RAINFALL Total fr. Oct. 1 to yesterday m. m.	RAINFALL Normal fr. Oct. 1 to yesterday m. m.	مرصد
Limasol	1012	-4	NNW	1	12	—	—	—	—	—	—	0	1	—	—	0	—	354	ليماسول
Haifa	1013.5	-1.4	ESE	1	16.5	22	+3	11	+3	67	+3	1	—	—	—	0	527	568	حيفا
Gaza	1014.0	-1.8	S	1	14.0	21	+2	10	+2	91	+17	2	5	—	1	0	360	313	غزة

ANNUAL SUBSCRIPTION

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CAIRO
Time of sunrise h. m. 06 30
sunset h. m. 17 48

Month February 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 19th — الساعة ١٤ يوم ١٩ | At 8h. on Saturday 20th — الساعة ٨ يوم ٢٠

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALŪM	1014.7	SW	3	18.9	32	3	7	1013.5	-4.1	NW	2	10.1	20	—	9	—	83	—	3	5	Cu	1	0	87	—
131	Mediterranean	MATRŪH	1015.9	S	3	18.8	34	1	6	1013.6	-3.9	SSE	3	10.1	20	+2	8	-1	66	-9	2	7	Sc	1	0	143	133
150	Mediterranean	DIKHEILA														—		—									
132	Mediterranean	ALEXANDRIA	1017.6	NW	1	21.9	32	2	9	1015.2	-2.3	SE	4	12.2	23	+3	10	-1	80	+8	0	8	—	0	0	161	167
	Mediterranean	DAMIETTA								1016.3	—	ESE	1	16.0	22	—	10	—	84	—	0	—	—	—	0	63	93
134	Mediterranean	PORT SAĪD	1020.3	NE	2	20.8	60	0	8	1016.8	+0.9	NE	2	17.2	22	+2	13	+1	80	+6	0	8	—	1	0	34	59
135	Mediterranean	EL ARĪSH	1017.1	NNE	3	20.2	54	0	6	1015.9	—	SSE	2	15.1	22	—	9	—	77	—	0	6	—	0	0	—	—
136	Lower Egypt	DAMANHŪR								1016.0	-0.5	ESE	3	10.9	22	+2	9	+2	89	+9	0	5	—	1	0	66	86
	Lower Egypt	MANSŪRA								1016.3	—	NE	1	11.8	22	+1	8	+1	88	+10	0	7	—	1	0	26	38
	Lower Egypt	TANTA																									
	Lower Egypt	ZAGĀZĪG								1016.0	—	NNE	2	12.8	21	0	6	-1	83	+5	2	7	—	—	0	12	19
	Middle Egypt, Cairo	ALMĀZA	1017.8	WNW	3	20.4	50	2	9	1015.9	—	NNE	1	10.8	22	—	6	—	83	—	0	7	—	0			—
	Middle Egypt, Cairo	EZBEKĪYA	1017.0	WSW	2	21.1	36	1	7	1015.0	-2.9	—	0	10.4	21	0	8	0	82	+7	0	—	—	0	0	8	22
	Middle Egypt, Cairo	GĪZA	1017.0	N	1	21.2	40	2	5	1015.1	-3.4	NNW	1	9.9	22	+1	5	-1	86	+12	1	5	St	1	0	10	20
43	Middle Egypt	HELWĀN	1017.5	WSW	1	20.3	29	1	8	1015.4	-2.5	—	0	11.4	22	+1	10	+1	72	+7	0	5	—	0	0	13	22
144	Middle Egypt	SUEZ								1015.8	-1.9	N	2	14.[illegible]	22	+1	10	-1	66	-6	0	—	—	—	0	12	17
153	Upper Egypt	FAIYŪM								1015.2	-3.0	—	0	13.6	23	+1	7	0	57	-8	0	6	—	1	0	4	9
154	Upper Egypt	MINYA								1015.0	-3.0	NNW	1	10.5	22	0	7	-1	69	-4	0	5	—	—	0	11	—
155	Upper Egypt	ASYŪT	1015.9	E	2	22.8	32	0	7	1014.6	-4.1	WSW	3	13.2	26	+3	8	0	53	-10	0	6	—	0	0	0	5
156	Upper Egypt	QENA								1014.4	-2.3	NNW	1	13.7	27	+1	9	0	60	0	0	6	—	1	0	dr.	—
157	Upper Egypt	LUXOR								1013.9	—	—	0	15.5	26	—	8	—	63	—	0	7	—	2	0	dr.	—
158	Upper Egypt	ASWĀN	1012.3	E	1	26.2	18	1	6	1013.4	-4.2	—	0	14.5	28	+1	12	+1	53	+7	2	6	Cu	1	0	1	—
148	Western Desert	SĪWA	1015.1	SW	2	21.0	50	0	6	1012.3	-5.8	—	0	11.1	22	0	5	-1	50	-16	0	6	—	0	0	28	4
149	Western Desert	BAHARĪYA	1016.4	SSW	1	21.4	32	0	9	1015.8		—	0	12.2	22	—	4	—	54	—	0	9	—	0	0	20	—
151	Western Desert	KHARGA	1016.0	NE	1	22.8	54	0	9	1014.2	-3.6	N	1	14.8	24	-1	9	+2	62	+5	0	9	—	0	0	0	0
152	Western Desert	DĀKHLA	1015.0	NNW	2	22.5	20	0	9	1015.4	-3.0	—	0	10.0	23	-2	6	-1	46	-1	0	9	—	0	0	dr.	—
145	Red Sea	TŌR								1013.9	-2.8	N	2	13.6	21	-1	9	-1	—	—	0	6	—	2	0	3	11
146	Red Sea	HURGHĀDA								1014.0	-2.1	WNW	4	17.5	23	0	10	0	42	-10	0	8	—	0	0	dr.	0
147	Red Sea	QUSEIR								1013.1	-2.7	WNW	3	19.9	24	+1	16	+1	43	0	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN								1013.1	-1.3	NW	5	21.2	22	-5	20	+1	60	-4	4	—	—	—	0	42	103
165	North Sudan	WĀDI HALFA								1017.3	-0.2	N	2	12.1	23	-4	9	0	54	+12	2	8	Sc.	1	—	—	—
166	North Sudan	KAREIMA								1010.9	-4.3	—	0	19.9	28	-4	19	+6	26	-2	4	8	Cs, Ac	2	dr.	dr.	1
167	North Sudan	'ATBARA								1009.4	-4.1	N	2	24.0	30	-2	18	+3	33	+11	2	—	—	—	0	5	1
168	North Sudan	KHARTŪM								1009.0	-3.8	NNE	2	21.0	35	+1	18	+1	41	+18	1	6	Ac	1	dr.	4	5
170	North Sudan	KASSALA								1007.6	-3.5	NE	2	25.8	35	-1	20	+2	62	+7	3	8	Ac	1	0	dr.	11
171	Central Sudan	WAD MEDANI								1008.3	-3.9	N	3	23.8	35	-1	21	+5	30	+3	0	—	—	0	0	[illegible]	13
173	Central Sudan	DUEIM								—	—	N	2	22.2	35	0	21	+6	51	+26	1	—	—	1	0	21	12
	Central Sudan	RENK														—		—		—							
172	Central Sudan	ROSEIRES								1009.0	-1.7	NW	2	25.3	—	—	—	—	40	+6	2	—	—	—	0	3	38
174	Central Sudan	EL OBEID								1008.0	-6.4	NNW	2	20.4	33	+1	17	+5	32	+8	1	8	Ac	2	0	23	19
175	Central Sudan	EL FĀSHER								1010.0	-2.3	NW	2	19.0	32	0	14	+3	42	+16	4	—	St.	—	0	0	8
176	S. Sudan	MALAKĀL								1007.8	-2.5	N	2	28.3	37	0	25	+6	47	+27	4	7	Cs, Ac	2	dr.	81	93
177	S. Sudan	WĀU								1004.8	-4.9	NW	3	25.0	37	0	21	+2	34	-8	1	—	—	1	0	201	152
178	S. Sudan	JŪBA								1008.3	-1.7	SW	3	25.0	38	0	20	-1	61	+7	0	6	Ac	1	0	161	146
179		Geneina								—	—	E	1	13.8	23	—	13	—	47	—	0	7	—	0	—	—	—
1[illegible]		Gallabat								—	—	—	0	26.5	38	—	22	—	56	—	0	—	—	0	0	—	—

Upper Wind Observations on 20th — ارصاد الرياح العليا يوم ٢٠

Height metres above M.S.L.	Salum 07h00m Dir. E. of N.	Salum Kms per hour	Matruh 07h00m Dir.	Matruh Kms	Asyut 07h00m Dir.	Asyut Kms	Aswan 07h00m Dir.	Aswan Kms	Wadi Halfa 07h00m Dir.	Wadi Halfa Kms	Khartum 06h00m Dir.	Khartum Kms	Kareima 06h00m Dir.	Kareima Kms	Malakal 06h00m Dir.	Malakal Kms	Obeid 06h00m Dir.	Obeid Kms	Kassala 06h00m Dir.	Kassala Kms
200	270	17	170	31	—	—	—	—	20	24	—	—	—	—	—	—	—	—	—	—
500	—	—	180	30	30	17	70	29	40	37	30	50	50	24	10	40	—	—	40	27
1000	190	39	180	22	10	7	60	26	30	14	30	40	50	11	20	47	30	47	20	47
1500	200	39	200	2	220	26	70	16	240	6	340	37			40	21	50	24	10	26
2000	200	45	10	5					240	24	310	18			40	8	330	5	0	26
3000	Ent. Cu.		210	29					230	21	250	8			50	11	240	27	190	8
4000																	200	31	230	23
5000																				
6000																				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 19th	Humidity Diff from normal	Wet Bulb Temp. °C on 19th	Wet Bulb Diff from Normal
Alexandria	64	0	11.6	+0.1
Ezbekiya	70	+8	11.8	+0.7
Giza	59	-5	12.0	+1.4
Helwān	49	-2	10.6	+1.0

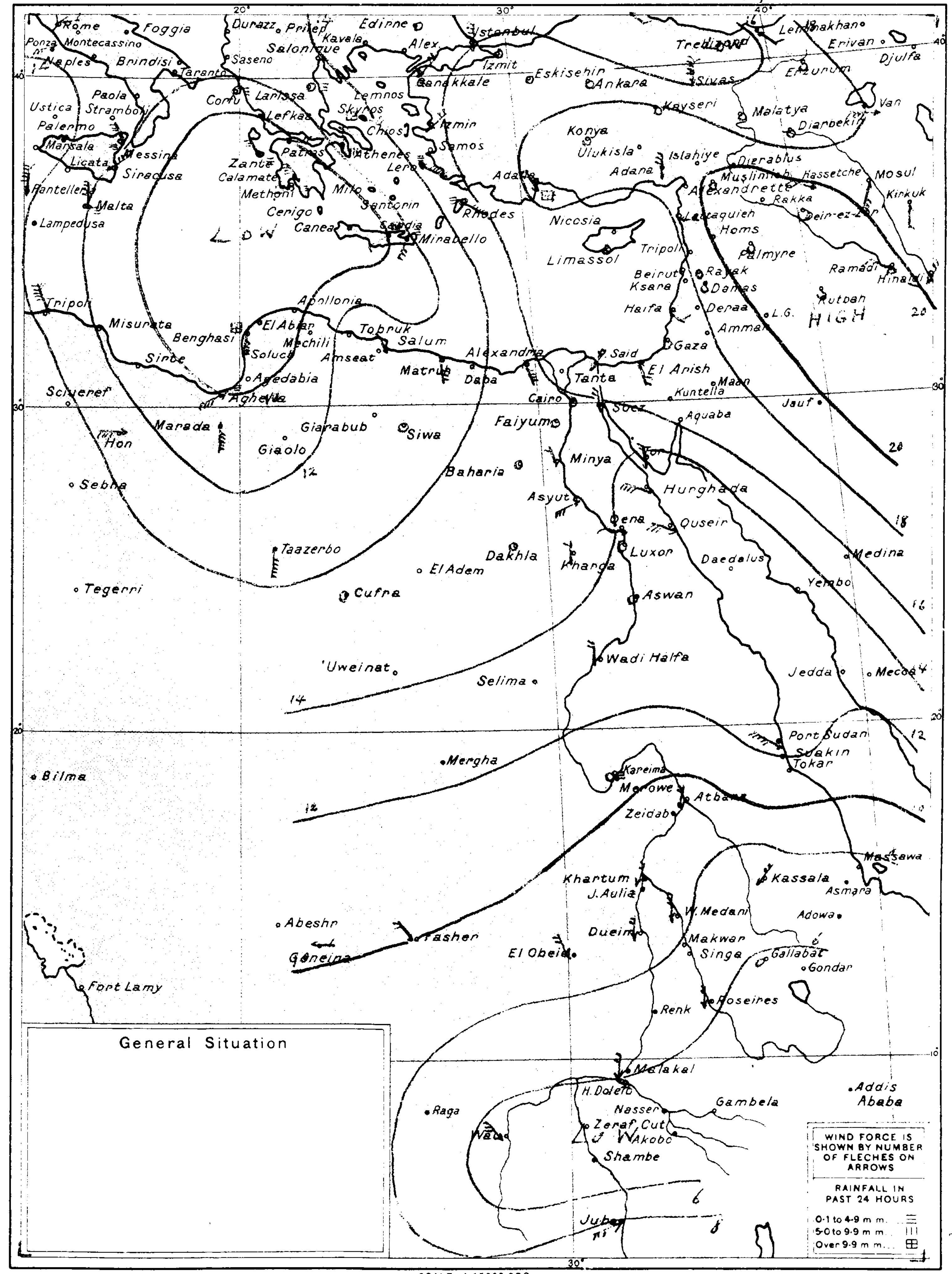
Giza Grass minimum on 20th 1.2 °C

Discharges at Aswān measured by sluices m.³ per sec.

DATE	1937	1936
20-2	868	982
19-2	867	983

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	20-2	13.17	+0.13	13.18	+0.12
Nāsser	20-2	5.28	+0.08	5.25	+0.03
Malakāl	20-2	10.22	-0.20	10.22	-0.22
Roseires	20-2	12.20	+0.56	12.19	+0.54
Sennār Res	20-2	20.40	—	20.42	—
Khartūm	20-2	10.18	-0.17	10.18	-0.18
Kh. el Girba					
'Atbara	20-2	9.97	-0.27	9.98	-0.27
Kajnarti	20-2	132.30	-0.51	132.32	-0.52
Wādi Halfa					
Aswān Res	20-2	119.98	—	120.02	—
D. S.	20-2	85.59	-0.43	85.59	-0.45
El Leisi	20-2	17.66	+0.13	17.64	+0.09
Roda (Cairo)	20-2	15.77	+0.19	15.77	+0.20

١٩٣٧-٢-٢٠ Pressure and Wind at 8 h. 20-2-1937



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 17-2-1937 — الساعة ٨ يوم ١٩-٢-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm. °C	Min. To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1017	+1	NNW	1	12	—	—	—	—	—	—	4	—	—	—	rain	—	356	ليماسول
Haifa	1019.4	+4.6	ESE	1	16.7	21	+2	11	+2	68	+4	1	—	—	—	0	527	571	حيفا
Gaza	1019.8	+4.0	—	0	12.5	19	0	9	+1	93	+19	0	9	—	0	0	360	316	غزة

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CAIRO
Time of sunrise 06 29
sunset 17 48

Month *February* 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩٣٧-٢-٢١ Pressure and Wind at 8 h. 21-2-1937

At 14 h. on 20th. | At 8 h. on Sunday 21st الساعة ٨ يوم الاحد ٢١

No.	STATION	14 h. Barometric Pressure Reduced to M.S.L. m.b.	14 h. Wind Dir.	14 h. Wind Force	14 h. Temperature °C	14 h. Humidity %	14 h. Present weather	14 h. Visibility	8 h. Bar. Reduced to M.S.L. m.b.	8 h. Diff. from normal m.b.	8 h. Wind Dir.	8 h. Wind Force	Dry Bulb °C
130	MEDITERRANEAN SALÛM	1011.9	NNE	1	15.7	51	4	7	1012.4	-5.2	NW	4	10.8
131	MATRÛH	1011.5	SSE	2	21.6	30	0	6	1007.9	-9.6	SE	4	14.0
150	DIKHEILA												
132	ALEXANDRIA	1013.0	NNE	2	21.9	42	2	9	1012.2	-5.2	SE	1	13.0
	DAMIETTA								1011.2	—	NNE	1	14.0
134	PORT SAÏD	1013.6	NE	2	20.5	62	0	8	1012.4	-3.4	NE	2	17.8
135	EL ARÎSH	1012.8	N	3	18.0	82	0	6	1011.8	—	SSE	1	17.1
136	LOWER EGYPT DAMANHÛR								1012.2	-4.3	E	1	11.5
137	MANSÛRA								1011.2	—	SW	1	13.6
138	TANTA												
139	ZAGÂZÎG								1012.3	—	WNW	2	11.2
141	MIDDLE EGYPT CAIRO ALMÂZA												
	CAIRO EZBEKÎYA	1012.0	NE	1	24.0	36	0	8	1011.6	-6.2	—	0	12.7
	CAIRO GÎZA	1011.6	NNW	2	22.8	36	0	6	1011.5	-6.9	NW	1	13.7
143	HELWÂN	1012.6	WSW	1	22.9	21	0	7	1012.4	-5.5	—	0	11.0
144	SUEZ								1011.6	-6.0	NE	1	13.4
153	UPPER EGYPT FAIYÛM								1011.5	-6.6	S	1	14.2
154	MINYA								1012.4	-5.6	NE	3	13.7
155	ASYÛT	1012.4	WSW	3	24.0	22	0	7	1012.2	-6.4	ESE	3	11.4
156	QENA								1010.6	-6.0	N	1	14.8
157	LUXOR								1011.9	—	—	0	16.0
158	ASWÂN	1010.0	NW	1	25.6	26	3	6	1011.5	-6.0	—	0	17.0
148	WESTERN DESERT SÎWA	1009.0	S	2	25.0	32	0	6	1011.9	-6.0	WNW	2	12.5
149	BAHARÎYA	1012.0	SW	1	24.0	28	0	9	1012.0	—	S	1	13.5
151	KHÂRGA	1011.8	N	1	25.2	46	0	9	1012.0	-5.8	—	0	11.5
152	DÂKHLA	1013.6	WNW	1	23.5	17	0	9	1013.5	-4.8	WNW	3	11.1
145	RED SEA TOR								1011.4	-5.2	N	1	14.2
146	HURGHÂDA								1011.6	-4.5	SW	2	17.9
147	QUSEIR												
169	PORT SUDAN	1010.0	N	4	22.6	—	3	—	1010.3	-4.0	NW	2	24.3
165	NORTH SUDAN WÂDI HALFA	1012.5	N	2	25	—	4	8	1012.8	-4.6	N	2	15.2
166	KAREIMA	1010.4	—	0	23	—	4	8	1011.2	-3.4	—	0	18.7
167	'ATBARA	1004.7	NE	2	34.5	—	0	—	1010.2	-3.3	NW	2	22.5
168	KHARTÛM	1004.3	NNE	1	34	—	3	7	1010.2	-2.6	NNE	3	22.8
170	KASSALA	1002.8	NE	5	34	—	2	7	1008.0	-3.0	E	1	25.9
171	CENTRAL SUDAN WAD MEDANI								1008.4	-3.7	N	3	27.0
173	DUEIM								—	—	NW	3	25.6
	RENK												
172	ROSEIRES								1011.6	+0.9	NW	2	24.4
174	EL OBEID	1004.9	E	3	32	—	2	8	1010.0	-4.3	NNW	2	20.1
175	EL FÂSHER								1010.8	-1.4	NW	1	17.0
176	S. SUDAN MALAKÂL	1002.6	ESE	2	38	—	4	7	1007.6	-2.6	NE	3	27.0
177	WAU	1001.4	ENE	3	38.3	—	1	—	1006.8	-2.9	NNW	1	25.0
178	JÛBA	1002.1	NNW	4	37	—	3	6	1008.1	-1.8	N	2	25.8
179	Geneina								—	—	NE	2	14.2
180	Gallabat												

No.	STATION	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	18	—	10	—	77	—	4	5	Cb	5	dr.	87	—
131	MATRÛH	22	+4	10	+1	78	+3	2	6	Sc	1	0	143	134
150	DIKHEILA													
132	ALEXANDRIA	24	+4	12	+1	85	+13	4	7	Ac	2	0	161	168
	DAMIETTA	29	—	13	—	95	—	0	—	—	—	0	63	94
134	PORT SAÏD	21	+1	15	+3	80	+6	3	8	Cu	0	0	34	60
135	EL ARÎSH	20	—	11	—	79	—	0	6	Sc	0	0	—	—
136	DAMANHÛR	24	+3	10	+3	92	+12	4	5	—	1	0	66	87
137	MANSÛRA	24	+3	11	+4	92	+15	1	6	—	1	0	26	39
138	TANTA													
139	ZAGÂZÎG	22	0	6	-1	89	+11	3	6	—	—	0	12	19
141	ALMÂZA													
	EZBEKÎYA	25	+3	10	+1	90	+16	4		Cs	1	0	8	22
	GÎZA	24	+3	5	-1	92	+17	3	4	Sc	2	0	10	20
143	HELWÂN	24	+3	8	-1	81	+16	3	6	Ci	0	0	13	23
144	SUEZ	26	+5	11	0	82	+10	1	—	—	—	0	12	17
153	FAIYÛM	25	+3	6	-1	45	-20	2	6	—	1	0	4	9
154	MINYA	23	+1	8	0	51	-22	2	7	—	—	0	11	—
155	ASYÛT	25	+2	7	-1	71	+8	0	6	—	0	0	0	5
156	QENA	27	+1	8	-1	52	-8	0	6	—	0	0	dr.	—
157	LUXOR	28	—	7	—	61	—	0	7	—	1	0	dr.	—
158	ASWÂN	28	+1	14	+3	38	-7	1	6	Cu	1	0	1	
148	SÎWA	25	+3	7	+1	71	+5	3	6	St	0	0	29	4
149	BAHARÎYA	24	—	8	—	43	—	4	7	—	1	0	20	—
151	KHÂRGA	26	+1	7	0	60	+4	0	9	—	0	0	0	0
152	DÂKHLA	25	0	6	-1	28	-14	0	7	—	0	0	dr.	—
145	TOR	24	+2	8	-2	35	-25	0	6	—	0	0	3	11
146	HURGHÂDA	24	+1	9	-1	49	-3	0	8	—	0	0	dr.	0
147	QUSEIR													
169	PORT SUDAN	29	+2	21	+2	74	+10	4	—	—	—	0	42	104
165	WÂDI HALFA	25	-2	14	+5	58	+16	4	8	As	1	—	—	—
166	KAREIMA	25	-7	15	+2	34	+6	0	8	Ac	0	dr.	dr.	1
167	'ATBARA	35	+3	18	+3	41	+10	1	—	—	0	0	5	1
168	KHARTÛM	35	0	20	+3	38	+15	3	7	Ac	8	dr.	4	5
170	KASSALA	34	-2	23	+5	69	+5	4	8	As	1	0	dr.	11
171	WAD MEDANI	30	-6	23	+7	42	+15	1	—	—	0	0	56	13
173	DUEIM	31	-4	22	+7	38	+14	0	—	—	—	0	21	12
	RENK													
172	ROSEIRES	40	+3	21	+4	66	+32	1	—	—	1	dr.	3	38
174	EL OBEID	33	+1	18	+6	39	+15	1	8	Ac	1	0	23	19
175	EL FÂSHER	34	+2	14	+3	38	+12	1	—	—	0	0	0	8
176	MALAKÂL	38	+1	23	+4	56	+36	1	8	Ci, Ac	1	0	81	93
177	WAU	39	+2	21	+2	58	+16	1	—	—	1	0	201	152
178	JÛBA	39	+1	20	-1	55	+1	0	7	—	1	0	161	146
179	Geneina	42	—	12	—	37	—	1	7	Ac.	0	—	—	—
180	Gallabat													

Upper Wind Observations on 21st ارصاد الرياح العليا يوم ٢١

Height in metres above M.S.L.	Salum 07 h. 00 m. Dir. E. of N.	Kms. per hour	Matruh 07 h. 00 m. Dir.	Kms.	Asyut 07 h. 00 m. Dir.	Kms.	Aswan 07 h. 00 m. Dir.	Kms.	Wadi Halfa 07 h. 00 m. Dir.	Kms.	Kareima 06 h. 00 m. Dir.	Kms.	Khartum 05 h. 00 m. Dir.	Kms.	Obeid 06 h. 00 m. Dir.	Kms.	Malakal 06 h. 00 m. Dir.	Kms.	Geneina 07 h. 00 m. Dir.	Kms.	Juba 07 h. 00 m. Dir.	Kms.	Kassala 07 h. 00 m. Dir.	Kms.	Ismailia 07 h. 00 m. Dir.	Kms.	Salum 2nd 13 h. 00 m. Dir.	Kms.	h. m. Dir.	Kms.
200	340	26	120	54	—	—	—	—	—	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	24	200	5		
500	—	—	120	51	160	18	10	19	340	14	350	18	30	18	—	—	40	56	—	—	140	23	0	10	130	3	—	—		
1000	150	13	140	33	230	19	330	7	290	13	10	14	30	11	10	32	20	34	0	31	130	34	80	13	200	18	190	43		
1500	End Cb.		170	39	320	13	260	31	240	27	230	18	210	14	80	27	30	32	0	16	110	21	30	21	220	27	190	39		
2000			180	42	300	[illegible]			230	47	200	37	240	16	150	14	30	18	260	37	140	18	340	21	230	27	190	48		
3000					21°	40					250	60			230	21			250	37	100	31	310	13			End Ci.			
4000																			250	40			200	14						
5000																							210	32						
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

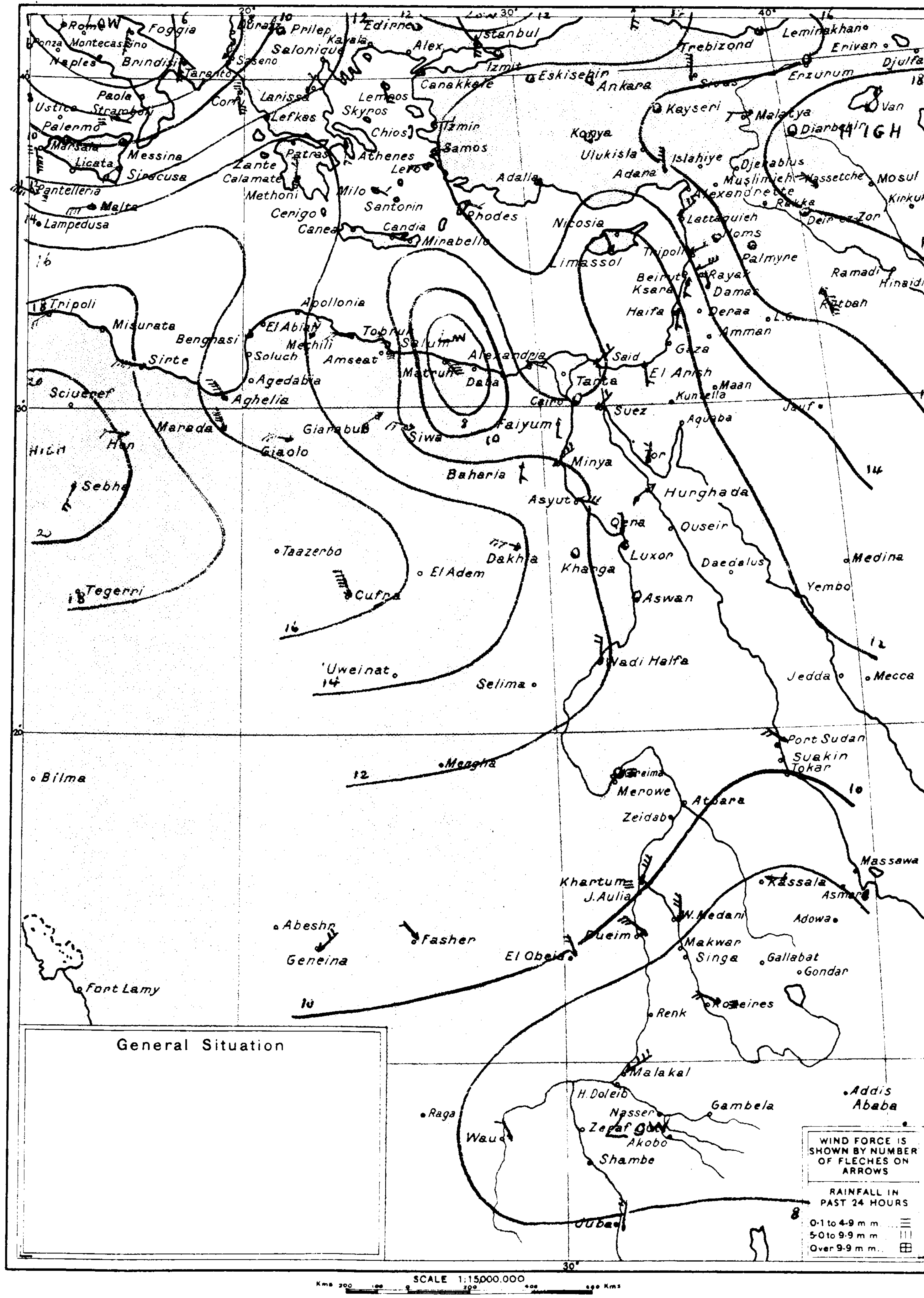
STATION	Mean of day Humidity % on 20th	Diff. from normal	Wet bulb temp. °C on 20th	Diff. from normal
Alexandria	59	-5	12.4	+0.8
Ezbekiya	71	+9	12.5	+1.3
Gîza	66	+2	11.8	+1.2
Helwân	53	+2	11.2	+1.5

Gîza Grass minimum on 21st 1.2 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
21-2	869	998
20-2	808	982

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-2	13.17	-0.12	13.17	-0.13
Nâsser	21-2	5.29	+0.11	5.28	+0.08
Malakâl	21-2	10.22	-0.19	10.22	-0.20
Roseires	21-2	12.19	+0.55	12.20	+0.56
Sennâr Res.	21-2	20.39	—	20.40	—
Khartûm	21-2	10.19	-0.16	10.18	-0.17
Kh. el Girba					
'Atbara	21-2	9.45	-0.28	9.77	-0.27
Kajnarti	21-2	132.25	-0.53	132.30	-0.51
Wâdi Halfa					
Aswân Res.	21-2	119.96	—	119.98	—
Aswân D. S.	21-2	85.60	-0.41	85.59	-0.43
El Leisi	21-2	17.63	+0.11	17.66	+0.13
Rôda (Cairo)	21-2	15.75	+0.17	15.77	+0.19



General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 20-2-1937 الساعة ٨ يوم ٢٠-٢-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1016	0	—	0	11	—	—	—	—	—	—	0	—	—	—	0	—	359	ليماسول
Haifa	1017.4	+2.6	ESE	;	15.6	20	+1	11	+2	66	+2	0	—	—	—	0	527	574	حيفا
Gaza	1016.6	+0.9	—	0	12.3	20	+1	8	0	86	+12	0	9	—	0	0	360	314	غزة

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CAIRO

Time of sunrise 6h 23m
sunset 17h 49m

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

DAILY WEATHER REPORT

Month February, 1937 — شهر شباير ١٩٣٧

Pressure and Wind at 8 h. 22-2-1937

At 14h. on 21st — الساعة ١٤ يوم ٢١

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	SALÛM	1012.6	NNE	3	15.4	64	3	7
131	MATRÛH	1010.7	S	3	16.7	52	4	6
150	DIKHEILA							
132	ALEXANDRIA	1010.6	NE	3	18.9	71	4	8
	DAMIETTA							
134	PORT SAÏD	1009.0	NE	2	21.4	64	2	8
135	EL 'ARÎSH	1008.3	NNW	2	18.8	81	2	6
136	DAMANHÛR							
137	MANSÛRA							
138	TANTA							
	ZAGÂZÎG							
141	ALMÂZA							
	EZBEKÎYA	1009.6	—	0	21.6	55	3	7
	GÎZA	1009.3	NW	1	20.9	56	3	5
143	HELWÂN	1009.3	WSW	2	22.0	26	4	7
144	SUEZ							
153	FAIYÛM							
154	MINYA							
155	ASYÛT	1009.1	SW	3	21.0	21	4	7
156	QENA							
157	LUXOR							
158	ASWÂN	1007.8	S	1	30.0	21	0	6
148	SÎWA	1012.2	W	1	20.5	45	0	6
149	BAHARÎYA	1013.6	SE	1	22.1	12	4	6
151	KHÂRGA	1010.6	NW	9	23.7	56	0	9
152	DÂKHLA	1010.7	NW	6	21.5	12	4	8
145	TÛR							
146	HURGHÂDA							
147	QUSEIR							
169	PORT SUDAN	1014.0	NE	2	25.0	—	0	—
165	WÂDI HALFA	—	W	3	26	—	0	8
166	KAREIMA							
167	'ATBARA	1004.8	W	2	35.4	—	0	—
168	KHARTÛM	1009.1	NNW	1	32	—	0	8
170	KASSALA	1002.4	NE	1	37	—	1	8
171	WAD MEDANI							
173	DUEIM	—	N	2	36.8	—	1	—
182	RENK							
172	ROSEIRES							
174	EL OBEID	1003.5	NE	2	35	—	1	8
175	EL FÂSHER							
176	MALAKÂL	1001.9	NNW	2	40	—	3	8
177	WÂU	1001.0	N	2	40.5	—	1	—
178	JÛBA	1001.1	SE	3	40	—	4	9
179	Gencina							
180	Gallabat							

At 8h. on Monday 22nd — الساعة ٨ يوم الاثنين ٢٢

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total since 1st Oct. to yesterday m.m.	Rainfall Normal 1st Oct. to yesterday m.m.
130	SALÛM	1017.2	-0.3	WNW	3	9.0	16	—	8	—	91	—	2	5	Cu	5	tr.	87	
131	MATRÛH	1015.6	-1.9	WSW	1	12.0	17	-2	10	+1	89	+14	1	6	Sc	1	0	143	134
150	DIKHEILA																		
132	ALEXANDRIA	1014.8	-2.6	NE	4	15.9	22	+2	12	+1	67	-5	2	9	Cu	5	tr.	161	168
	DAMIETTA	1012.8	—	NW	2	16.1	24	—	11	—	73	—	1	—	—	—	0	63	95
134	PORT SAÏD	1013.8	-2.0	NW	5	15.4	23	+3	13	+1	82	+8	3	8	Cu	1	0	34	60
135	EL 'ARÎSH	1012.3	—	WSW	3	15.0	23	—	11	—	80	—	0	6	Cu	6	1	—	—
136	DAMANHÛR	1015.0	-1.4	WNW	3	10.8	22	+1	9	+2	90	+10	1	6	—	6	2	68	87
137	MANSÛRA	1013.3	—	W	1	11.5	24	+3	9	+2	85	+8	0	7	—	1	0	26	39
138	TANTA																		
	ZAGÂZÎG	1015.6	—	WSW	4	13.3	22	0	8	+1	78	0	2	8	—	—	dr.	12	19
141	ALMÂZA	1015.6	—	S	4	11.4	—	—	8		93	—	3	7	cb	6	1	—	
	EZBEKÎYA	1015.4	-2.3	S	2	11.9	22	0	10	+1	87	+13	3	—	cb	6	1	9	22
	GÎZA	1015.4	-3.0	S	1	12.8	22	+1	10	+4	77	+3	3	5	cb	6	2	12	20
143	HELWÂN	1016.7	-1.1	SSE	2	10.0	23	+2	8	-1	95	+30	4	8	cb	6	1	14	23
144	SUEZ	1013.3	-4.3	NNW	3	16.0	22	+1	13	+2	69	-3	1	—	—	—	0	12	17
153	FAIYÛM	1016.2	-1.8	SSW	2	12.1	20	-3	8	+1	76	+11	0	6	—	6	2	6	10
154	MINYA	1017.8	-0.1	NNE	1	11.4	20	-2	8	0	79	+6	0	7	—	—	5	16	—
155	ASYÛT	1014.0	-4.5	ESE	2	9.8	22	-1	5	-3	74	+11	2	5	Cu	1	0	0	5
156	QENA	1015.8	-0.7	WSW	2	12.2	27	0	7	-2	74	+14	0	6	—	3	0	dr.	—
157	LUXOR	1014.4	—	—	0	14.2	29	—	7	—	66	—	1	7	St	3	0	dr.	—
158	ASWÂN	1015.6	-1.8	N	2	13.2	32	+5	11	0	53	+8	0	6	—	3	0	1	
148	SÎWA	1018.7	+0.8	—	0	10.2	21	-1	5	-1	65	-1	0	6	—	0	0	28	4
149	BAHARÎYA	1017.4	—	—	0	10.3	26	—	6	—	78	—	0	9	—	6	6	26	—
151	KHÂRGA	1017.0	-0.7	NE	1	12.0	25	0	7	0	76	+20	0	9	—	3	0	0	0
152	DÂKHLA	1018.4	+0.1	WSW	2	10.0	22	-3	5	-2	37	-10	0	8	—	0	0	dr.	—
145	TÛR	1014.2	-2.4	NW	5	15.0	26	+4	12	+2	58	-2	1	6	—	6	10	13	12
146	HURGHÂDA	1012.7	-3.3	NW	4	16.8	25	+2	11	+1	61	+9	0	7	—	3	0	dr.	0
147	QUSEIR	1012.7	-2.9	W	3	17.1	26	+3	13	-2	54	+11	0	7	—	0	0	1	7
169	PORT SUDAN	1009.1	-5.1	N	5	24.6	29	+2	23	+4	83	+19	1	—	—	0	0	42	104
165	WÂDI HALFA	1018.0	+0.7	NW	2	11.2	27	-1	9	0	63	+22	0	5	Cu	0	—	—	
166	KAREIMA	1014.0	-1.0	N	4	16.2	32	0	14	0	34	+7	4	6	Cu	2	0	du	—
167	'ATBARA	1014.0	+0.6	N	7	18.0	36	+4	17	+2	44	+22	0	—	—	0	0	5	1
168	KHARTÛM	1010.7	-2.0	NNE	4	21.2	38	+3	19	+2	19	-4	4	7	Cu	1	0	4	5
170	KASSALA	1011.4	-0.7	NW	4	18.0	37	+5	17	+6	28	+2	1	—	—	0	0	0	8
171	WAD MEDANI	1009.9	-2.1	NE	4	23.0	39	+3	21	+5	15	-12	0	—	—	0	0	56	13
173	DUEIM	—	—	NW	4	23.0	38	+3	19	+4	30	+6	0	—	—	0	0	21	12
182	RENK																		
172	ROSEIRES	1008.0	-2.6	WNW	4	28.4	42	+4	24	+7	28	-6	1	—	—	1	0	3	38
174	EL OBEID	1011.2	-3.0	NNW	5	20.7	37	+5	19	+7	15	-9	0	8	Ac	0	0	23	19
175	EL FÂSHER	1011.4	-0.7	NW	4	18.0	37	+5	17	+6	28	+2	1	—	—	0	0	0	8
176	MALAKÂL	1007.2	-3.0	N	4	28.5	42	+5	26	+7	37	+16	4	6	Sc	2	du.	81	93
177	WÂU	1005.8	-3.9	NW	3	26.3	41	+4	23	+4	47	+5	3	—	—	2	0	201	152
178	JÛBA	1006.4	-3.5	NE	2	26.8	42	+4	21	0	49	-5	0	7	Ac	1	0	161	147
179	Gencina	—	—	NE	5	16.7	42	—	12		18	—	2	7	Cc	0	—	—	—
180	Gallabat	—	—	NW	4	25.7	39	—	24		56	—	0	—	—	0	1	—	—

Upper Wind Observations on 22nd — ارصاد الرياح العليا يوم ٢٢

Height above M.S.L. metres	Salum 07h.00m. Dir. E of N.	Kms per hour	Matruh 07h.00m. Dir. E of N.	Kms per hour	Almaza 07h.15m. Dir. E of N.	Kms per hour	Asyut 07h.00m. Dir. E of N.	Kms per hour	Aswan 07h.00m. Dir. E of N.	Kms per hour	W. Halfa 07h.00m. Dir. E of N.	Kms per hour	Kareima 06h.00m. Dir. E of N.	Kms per hour	Kassala 07h.00m. Dir. E of N.	Kms per hour	Gencina 07h.00m. Dir. E of N.	Kms per hour	El Obeid 06h.00m. Dir. E of N.	Kms per hour	Malakal 06h.00m. Dir. E of N.	Kms per hour	Ismailia Rabf. 07h.00m. Dir. E of N.	Kms per hour	Salum 13h.00m. Dir. E of N.	Kms per hour	h. m. Dir. E of N.	Kms per hour	h. m. Dir. E of N.	Kms per hour
200	290	13	300	24	220	18	—	—	—	—	0	24	—	—	—	—	—	—	—	—	—	—	310	43	0	22				
500	—	—	310	24	280	30	340	35	340	36	0	100	10	60	350	26	—	—	—	—	30	47	310	43	—	—				
1000	320	16	310	15	ent. cb.		0	34	340	67	0	72	0	53	0	42	0	56	10	58	30	60	310	35	320	20				
1500	300	37	280	21					340	45	330	40	330	40	120	11	60	60	10	60	40	47	330	34	320	18				
2000	280	34	290	24							190	72			190	14	230	14	100	10	50	42	310	56	290	24				
3000			290	36													270	31					310	53						
4000																							320	53						
5000																														
6000																														

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة في ٢٤ ساعة من ....

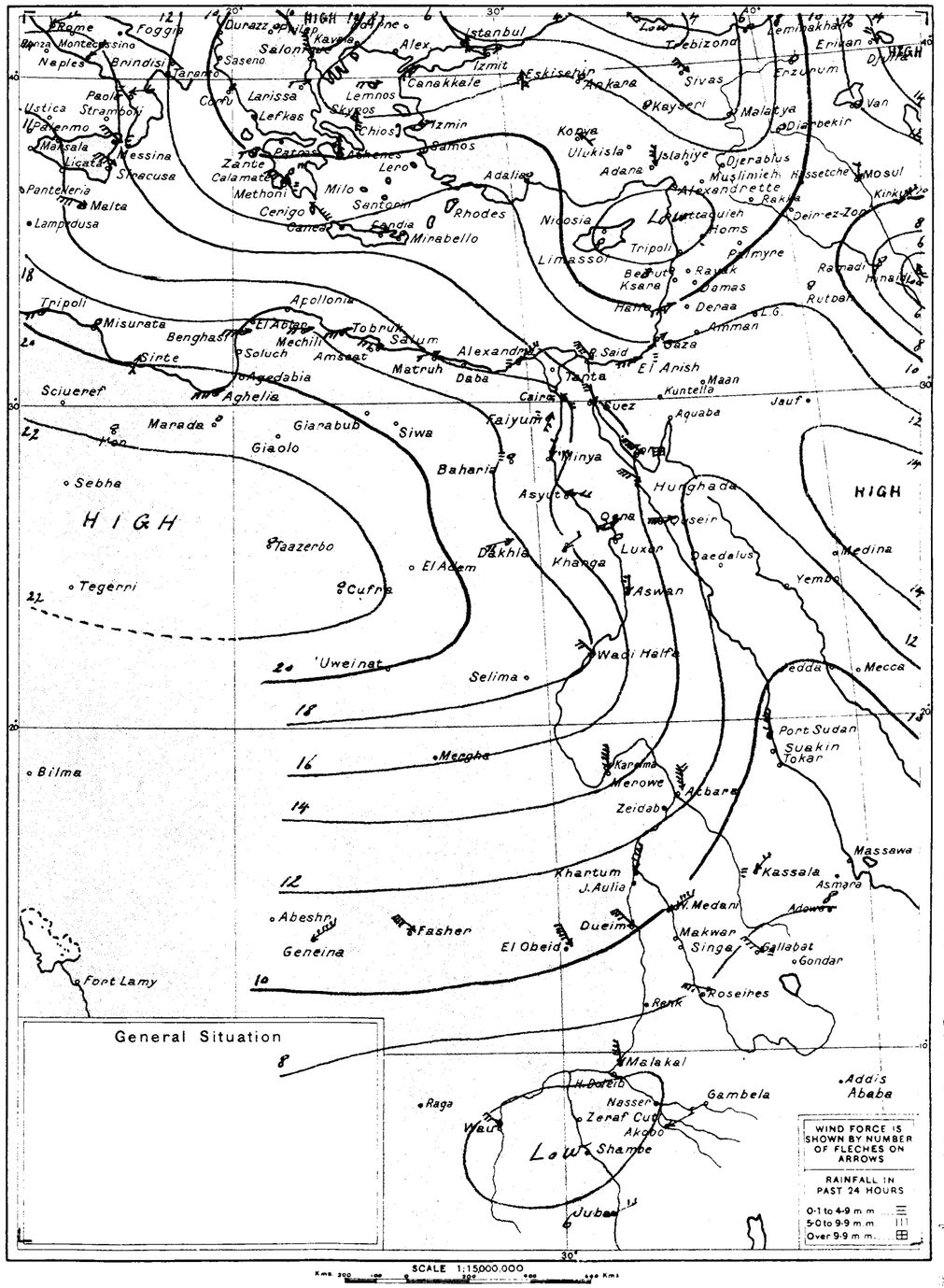
STATION	Mean of day Humidity % on 21st	Diff. from normal	Wet Bulb Temp. °C on 21st	Diff. from normal
Alexandria	78	+14	13.3	+1.7
Ezbekiya	74	+14	12.9	+1.7
Gîza	86	+22	13.1	+2.4
Helwân	75	+25	10.8	+1.0

Grass minimum on 22nd 7.2 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
22-2	868	997
21-2	869	998

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22-2	13.16	-0.13	13.17	-0.12
Nâsser	22-2	5.30	+0.14	5.29	+0.11
Malakâl	22-2	10.22	-0.18	10.22	-0.19
Roseires	22-2	12.18	+0.55	12.19	+0.55
Sennâr Res	22-2	20.34	—	20.39	—
Khartûm	22-2	10.18	-0.16	10.19	-0.16
Kh. el Girba					
'Atbara	22-2	9.94	-0.28	9.95	-0.28
Kajnarti	22-2	132.24	-0.52	132.25	-0.53
Wâdi Halfa					
Aswân Res	22-2	119.92	—	119.96	—
... D S	22-2	85.60	-0.40	85.60	-0.41
El Lessi	22-2	17.62	+0.11	17.63	+0.11
Roda (Cairo)	22-2	15.77	+0.18	15.75	+0.17



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 21-2-1937 — الساعة ٨ يوم ٢١-٢-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total since 1st Oct. to yesterday m.m.	Rainfall Normal 1st Oct. to yesterday m.m.	مرصد
Limasol	1011	-5	NNW	1	12	—	—	—	—	—	—	2	—	—	—	0	—	362	ليماسول
Haifa	1011.1	-3.7	SSE	1	19.5	23	+4	13	+4	74	+11	0	—	—	—	0	527	577	حيفا
Gaza	1011.9	-3.8	SE	1	15.8	21	+2	10	+2	88	+14	0	9		0	0	360	321	غزة

ANNUAL SUBSCRIPTION
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CAIRO
Time of sunrise h. m. 06 27
sunset h. m. 17 50

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

DAILY WEATHER REPORT

Month February 1937 ١٩٣٧ شهر فبراير

At 14h. on 22nd — الساعة ١٤ يوم ٢٢ ; At 8h. on Tuesday 23rd — الساعة ٨ يوم الثلاثاء ٢٣

No.	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1016.4	W	4	17.7	56	2	7	1015.1	-2.4	WNW	3	8.7	20	—	8	—	91	—	0	6	—	0	0	87	—
131	MATRÛH	1015.5	NW	4	16.2	76	3	6	1013.4	-4.0	SW	3	11.8	17	-2	10	+1	86	+11	0	6	—	0	0	143	135
150	DIKHEILA														—		—		—							—
132	ALEXANDRIA	1015.1	WNW	5	19.9	55	2	9	1013.6	-3.7	S	4	13.5	21	+1	12	+1	72	0	1	9	Cu	0	0	161	169
	DAMIETTA	/							1014.0	—	S	1	13.0	21	—	9	—	83	—	0	—	—	—	0	63	96
134	PORT SAÏD	1013.5	NW	5	20.2	55	1	8	1015.1	-0.6	SW	5	14.4	21	+1	12	0	70	+2	0	8	—	1	0	34	61
135	EL ʿARÎSH	1012.8	WNW	4	18.0	65	1	5	1014.6	—	SSE	1	17.0	19	—	10	—	59	—	0	6	—	1	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1014.4	-2.0	SW	3	12.6	21	0	10	+3	80	0	1	6	—	1	0	68	88
[illegible]	MANSÛRA								1014.0	—	S	2	11.9	22	+1	8	+1	84	+7	0	7	—	1	0	26	39
[illegible]	TANTA								1014.6	-2.5	SW	3	12.0	22	+1	9	+1	76	-2	3	7	—	1	0	33	32
[illegible]	ZAGÂZÎG								1015.1	—	SW	3	13.8	21	-1	7	0	77	-1	1	8	—	—	0	12	20
	MIDDLE EGYPT																									
[illegible]	CAIRO ALMÂZA								1015.5	—	S	4	14.1	20	—	8	—	84	—	0	8	—	0	0	—	—
	CAIRO EZBEKÎYA	1014.8	NNW	2	21.1	48	3	9	1015.1	-2.5	S	2	12.4	22	0	10	+1	77	+3	0	—	—	0	0	9	22
	CAIRO GÎZA	1014.4	NW	1	20.4	51	3	6	1015.2	-3.1	SSE	2	12.8	21	0	8	+2	80	+6	0	5	—	0	0	12	20
143	HELWÂN	1016.0	WNW	2	18.8	49	3	8	1016.4	-1.3	SE	2	12.3	20	-1	10	+1	74	-1	0	6	—	1	0	14	23
144	SUEZ								1015.8	-1.7	N	1	16.0	21	0	11	0	64	-8	0	—	—	—	0	12	17
	UPPER EGYPT																									
153	FAIYÛM								1016.0	-2.0	S	1	13.3	23	0	8	+1	64	-1	1	6	—	1	0	6	10
154	MINYA								1017.2	-0.7	N	2	13.7	21	-2	9	+1	61	-12	0	7	—	—	0	16	—
155	ASYÛT	1017.0	NW	3	19.0	46	0	7	1017.0	-1.4	ESE	2	10.8	22	-2	7	-1	81	+18	0	6	—	0	0	0	5
156	QENA								1016.7	+0.3	WNW	1	14.5	25	-2	8	-1	68	+8	0	6	—	0	0	dr.	—
157	LUXOR								1016.2	—	—	0	16.3	23	—	8	—	61	—	0	7	—	0	0	dr	—
158	ASWÂN	1013.6	NNE	3	20.3	31	0	6	1016.7	-0.6	N	1	13.0	22	-5	10	-2	55	+10	3	6	Cc	1	0	1	—
	WESTERN DESERT																									
148	SÎWA	1017.6	W	1	20.5	40	0	6	1016.3	-1.5	—	0	12.2	22	-1	8	+2	73	+7	0	6	—	0	0	28	4
149	BAHARÎYA	1016.8	NW	2	18.0	58	0	9	1014.6	—	—	0	12.0	20	—	7	—	65	—	2	9	Ci	1	0	26	—
151	KHÂRGA	1015.6	NE	1	21.0	53	0	9	1017.4	-0.2	NE	1	10.0	21	-4	7	0	68	+12	0	9	—	0	0	0	0
152	DÂKHLA	1016.8	NNW	3	20.1	25	0	8	1018.4	+0.2	—	0	9.5	21	-4	6	-1	43	-4	0	8	—	0	0	dr	—
	RED SEA																									
145	TÔR								1016.8	+0.3	NW	3	17.5	21	-1	10	0	57	-3	0	6	—	2	0	13	12
146	HURGHÂDA								1016.2	+0.2	WNW	4	17.5	24	+1	10	0	52	0	0	8	—	8	dr.	dr	0
147	QUSEIR																									
169	PORT SUDAN	1004.4	N	7	25.9	—	2	—	1012.4	-1.8	NE	5	21.7	26	-1	21	+2	80	+16	1	—	—	0	0	42	104
	NORTH SUDAN																									
165	WÂDI HALFA	1016.3	N	5	20	—	0	7	1017.9	+0.7	NNW	2	13.9	25	-3	9	-1	78	+37	3	8	Cs	1	—	—	—
166	KAREIMA	1010.8	N	3	24	—	0	7	1015.2	+0.3	—	0	14.8	25	-7	9	-5	41	+14	1	8	Ci	1	0	dr	1
167	ʿATBARA	1010.0	W	4	26.5	—	0	—	1011.8	-1.6	N	4	18.0	26	-7	13	-2	44	+22	0	—	—	0	0	5	1
168	KHARTÛM	1008.5	N	5	30	—	6	5	1011.7	-0.9	NNE	3	17.0	31	-4	14	-3	28	+6	3	8	Cs Ci	1	0	4	5
170	KASSALA	1004.8	NE	2	34	—	1	8	1011.1	+0.3	NNE	2	17.8	35	-1	14	-4	53	-1	0	7	Ci	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1012.0	+0.1	NE	4	18.5	33	-3	15	-1	32	+6	0	—	—	—	0	56	13
173	DUEIM	—	WNW	4	38.0	—	1	—	—	—	NW	3	21.3	38	+2	19	+4	24	0	0	—	—	0	0	21	12
182	RENK									—					—		—		—							
172	ROSEIRES	1005.2	N	3	37.4	—	2	—	1014.3	+3.8	N	4	18.6	37	-1	16	-2	31	-2	0	—	—	0	0	3	38
174	EL OBEID	1007.5	NNW	4	39	—	0	8	1013.2	-1.0	N	2	15.8	40	+7	13	+1	32	+8	3	8	Ci	0	0	23	19
175	EL FÂSHER	1006.2	N	1	31.0	—	0	—	1013.8	+1.8	NW	2	16.5	32	-1	12	+1	29	+4	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL	1004.8	N	2	35	—	3	8	1009.3	-0.8	NE	4	23.6	37	0	21	+2	36	+15	3	6	Cs, Sc	2	0	81	93
177	WÂU	1001.4	NE	3	38.0	—	1	—	1013.3	+3.7	N	3	25.3	39	+2	23	+3	30	-12	1	—	—	1	0	201	152
178	JÛBA	1000.1	ENE	4	41	—	4	7	1008.9	-1.0	NE	1	25.7	42	+4	22	+1	69	+19	1	5	Sc	8	dr.	161	147
179	Geneina								—	—	NE	4	14.4	39	—	—	—	18	—	2	8	Ci	0	0	—	—
180	Gallabat	—	NNE	3	34.7	—	1	—	—	—	NNE	1	22.4	40	—	18	—	30		0	—	—	4	0	—	—

Upper Wind Observations on 23rd

ارصاد الرياح العليا يوم ٢٣

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 07h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 07h.00m. Dir.	Kms.	Wau 07h.00m. Dir.	Kms.	Ismailia 07h.00m. Dir.	Kms.	Salum 22nd 13h.00m. Dir.	Kms.
200	270	15	270	24	—	—	—	—	20	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	210	23	270	27
500	—	—	280	27	330	19	0	29	30	56	20	60	10	50	20	16	—	—	—	—	30	62	30	21	—	—	250	21	—	—
1000	300	24	280	36	340	13	10	28	20	47	30	37	10	61	40	21	0	55	20	60	30	66	60	31	260	37	260	26	280	29
1500	310	54	280	42	310	14	330	18	20	27	10	13	10	19	310	5	50	31	40	35			100	31	270	35			280	27
2000			270	57	290	31			20	6	340	31	320	37	242	23	250	11	20	11			130	50	270	37			280	31
3000					280	34					300	37	300	34	250	17	240	17	310	21										
4000											280	50																		
5000																														
6000																														

Forecast for 24 hours from noon on.........

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 22nd	Diff. from normal	Wet Bulb Temp. °C on 22nd	Diff. from normal
Alexandria	70	+6	13.7	+2.0
Ezbekiya	74	+14	12.8	+1.5
Gîza	71	+7	12.8	+2.1
Helwân	72	+22	11.6	+1.8

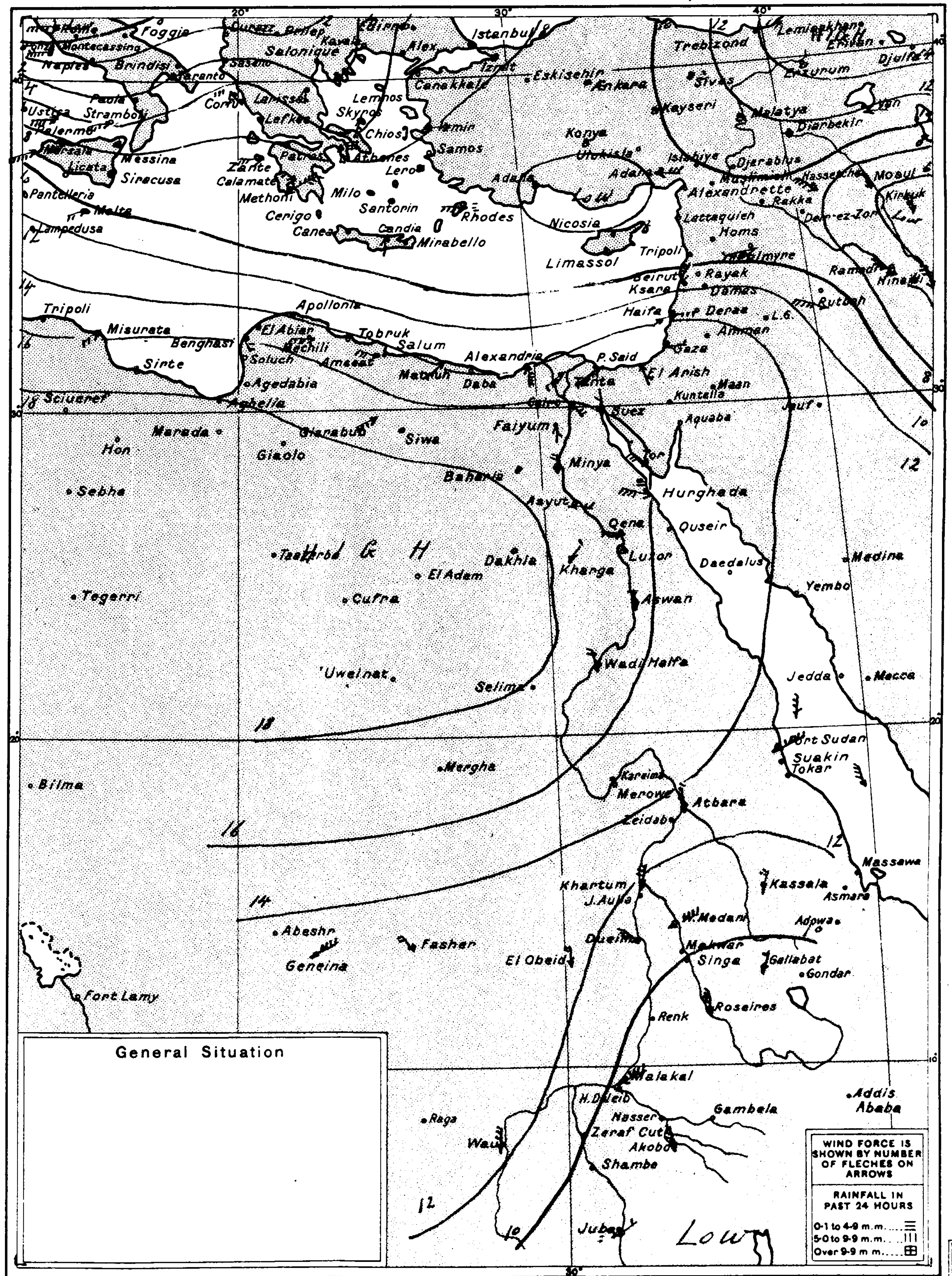
Gîza Grass minimum on 23rd 5.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
23-2	871	924
22-2	868	997

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23.2	13.16	-0.13	13.16	-0.13
Nâṣṣer	23.2	5.28	+0.13	5.30	+0.14
Malakâl	23.2	10.22	-0.17	10.22	-0.18
Roseires	23.2	12.16	+0.54	12.18	+0.55
Sennâr Res.	23.2	20.29	—	20.34	—
Kharṭûm	23.2	10.15	-0.18	10.18	-0.16
Kh. el Girba					
ʿAṭbara	23.2	9.94	-0.27	9.94	-0.28
Kajnarti	23.2	132.18	-0.55	132.24	-0.52
Wâdi Ḥalfa					
Aswân Res.	23.2	119.90	—	119.92	—
,, D.S.	23.2	85.60	-0.38	85.60	-0.40
El Leisi	23.2	17.60	+0.10	17.62	+0.11
Rôda (Cairo)	23.2	15.77	+0.18	15.77	+0.18

Pressure and Wind at 8 h. 23-2-1937 ١٩٣٧-٢-٢٣



General Situation

SCALE 1:15,000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear 0; ¼ Clouded 1; ½ Clouded 2; ¾ Clouded 3; Entirely clouded 4; Raining 5; Sand haze 6; Sand storm 7; Mist or Fog 8; Thunderstorm 9

VISIBILITY — Objects not visible at

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

CLOUD FORM

Cirrus Ci; Cirro-cumulus Cc; Cirro-stratus Cs; Alto-stratus As; Alto-cumulus Ac; Strato-cumulus Sc; Stratus St; Nimbus Nb; Nimbo-stratus Ns; Cumulus Cu; Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 22-2-1937 — الساعة ٨ يوم ٢٢-٢-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1008	-7	—	0	14	—	—	—	—	—	—	0	—	—	—	0	—	364	ليماسول
Haifa	1010.0	-4.7	WSW	2	17.1	25	+5	14	+5	81	+18	4	—	—	—	0	527	580	حيفا
Gaza	1011.4	-4.2	SW	2	16.2	25	+6	13	+5	86	+12	3	4	—	0	0	360	324	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
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CAIRO

Time of sunrise h. m.
sunset 17 50

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

DAILY WEATHER REPORT

Month February 1937 ١٩٣٧ شهر فبراير

At 14 h. on 23-2-37 الساعة ١٤ يوم ٢٣-٢-٣٧ — At 8 h. on Wednesday 24-2-1937 الساعة ٨ يوم الاربعاء ٢٤-٢-٣٧

	STATION	14 h. Barometric Pressure Reduced to M.S.L. m.b.	14 h. Wind Dir.	14 h. Wind Force	14 h. Temperature °C	14 h. Humidity %	14 h. Present Weather	14 h. Visibility	8 h. Bar. Pressure Reduced to M.S.L. m.b.	8 h. Bar. Diff. from normal m.b.	8 h. Wind Dir.	8 h. Wind Force	8 h. Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALŪM	1013.5	N	4	18.8	47	3	7	1012.6	-4.9	NSW	4	12.0	20	—	8	—	62	—	0	6	Cu	0	0	87	—
131	MATRŪH	1012.6	NW	5	16.7	69	3	6	1011.9	-5.5	S	3	13.4	17	-2	10	+1	62	-13	0	6	—	0	0	145	136
150	DIKHEILA														—		—		—							
132	ALEXANDRIA	1012.8	SW	4	18.9	65	1	9	1013.3	-3.9	S	1	13.6	21	+1	11	0	72	0	0	8	—	0	0	161	170
	DAMIETTA								1014.0	—	SW	2	13.2	23	—	8	—	77	—	0	—	—	—	0	63	97
134	PORT SAÏD	1014.6	SW	5	21.5	56	3	8	1014.8	-0.9	SW	5	16.2	23	+3	13	+1	68	-6	0	8	—	0	0	34	61
135	EL 'ARÎSH	1012.8	NNW	2	19.8	51	1	6	1014.6	—	NSW	1	16.6	20	—	12	—	56	—	2	6	Cb	1	0	—	—
	LOWER EGYPT																									
136	DAMANHŪR								1014.2	-3.2	SSW	3	12.4	23	+2	10	+3	76	-4	0	7	—	1	0	68	89
137	MANSŪRA								1014.2	—	SW	1	11.5	24	+3	8	0	81	+4	0	7	—	1	0	26	40
138	TANTA								1014.3	-2.8	SSW	2	12.5	24	+3	8	0	77	-1	0	7	—	1	0	33	33
139	ZAGÂZÎG								1014.6	—	SW	2	13.9	23	+1	8	+1	70	-8	0	8	—	—	0	12	20
141	MIDDLE EGYPT — CAIRO — ALMÂZA								1014.6	—	S	4	15.8	22	—	9	—	65	—	0	7	—	0	0	—	—
	EZBEKÎYA	1013.3	SW	1	22.0	40	3	8	1014.6	-3.0	S	2	12.4	24	+2	10	+1	65	-9	0	—	—	0	0	9	22
	GÎZA	1013.1	SW	1	21.9	41	3	5	1014.8	-3.4	S	1	13.8	23	+2	8	+2	62	-11	0	6	—	0	0	12	20
143	HELWÂN	1013.8	SSW	2	21.9	30	3	8	1015.6	-2.1	SE	2	13.9	22	+1	11	+2	49	-16	0	7	—	1	0	14	23
144	SUEZ								1016.6	-0.8	S	2	16.2	21	0	12	+1	69	-4	0	—	—	—	0	12	17
153	UPPER EGYPT — FAIYŪM								1015.5	-2.4	SSE	1	14.5	24	+1	7	-1	55	-10	0	6	—	1	0	6	10
154	MINYA								1018.3	+0.5	E	3	14.4	22	-1	11	+3	60	-13	1	7	—	—	0	16	—
155	ASYŪT	1014.4	NW	3	20.4	34	0	7	1017.6	-0.7	ESE	3	13.4	23	-1	8	0	62	-1	0	6	—	0	0	0	5
156	QENA								1016.7	+0.4	WNW	2	14.2	25	-2	8	-1	62	+2	0	6	—	0	0	dr	—
157	LUXOR								1016.0	—	—	0	14.8	26	—	6	—	69	—	0	7	—	0	0	dr	—
158	ASWÂN	1013.5	NNW	2	23.0	29	0	6	1016.0	-1.2	N	1	14.4	25	-3	10	-2	46	+2	1	6	—	0	0	1	—
148	WESTERN DESERT — SÎWA	1015.2	W	1	22.7	43	0	6	1013.9	-3.9	—	0	12.8	24	+1	5	-1	56	-10	0	6	—	0	0	28	4
149	BAHARÎYA	1015.2	WSW	3	22.0	37	0	9	1016.4	—	—	0	13.6	23	—	8	—	60	—	0	9	—	0	0	26	—
151	KHARGA	1015.8	W	1	23.0	48	0	7	1017.1	-0.4	—	0	11.8	25	-1	7	-1	58	+2	0	9	—	0	0	0	0
152	DAKHLA	1017.6	NNW	2	21.5	18	0	9	1017.9	-0.2	—	0	10.3	23	-3	8	+1	36	-10	0	9	—	0	0	dr	—
145	RED SEA — TÓR								1015.9	-0.5	N	7	13.8	23	+1	11	0	59	-1	0	6	—	2	0	13	12
146	HURGHÂDA								1015.9	0.0	NW	3	19.8	23	0	10	0	40	-12	0	7	—	0	0	dr	0
147	QUSEIR								1013.9	-1.6	WNW	1	20.9	23	-1	14	-1	53	+10	0	7	—	0	0	1	7
149	PORT SUDAN	1011.5	NE	5	24.5	—	2	—	1013.1	-1.0	N	2	21.5	24	-4	20	+1	54	-10	1	—	—	0	0	42	104
165	NORTH SUDAN — WÂDI HALFA	1015.1	N	3	22	—	4	8	1017.2	+0.1	N	1	12.2	23	-5	9	-1	65	+24	0	8	Ac	0	—	—	—
166	KAREIMA	1012.4	NE	1	26	—	3	8	1014.0	-0.8	—	0	18.9	27	-5	12	-2	42	+15	0	8	—	0	0	dr	1
167	'ATBARA	1009.0	NE	3	28.8	—	0	—	1012.8	-0.5	NNE	2	22.0	28	-5	12	-3	34	+12	0	—	—	0	0	5	1
168	KHARTŪM	1008.3	NNE	3	30	—	3	8	1011.5	-1.0	N	5	18.4	31	-4	12	-5	24	+2	0	7	—	1	0	4	5
170	KASSALA	1005.9	N	2	32	—	2	8	1010.0	-0.8	E	1	20.4	32	-5	15	-3	64	+10	0	7	—	0	0	dr	11
171	CENTRAL SUDAN — WAD MEDANI								1010.6	-1.2	NE	4	20.5	31	-5	15	-1	26	0	0	—	—	—	0	56	13
173	DUEIM	—	N	3	27.8	—	0	—	—	—	NW	4	20.0	30	-6	15	0	34	+10	0	—	—	0	0	21	12
182	RENK																									
172	ROSEIRES	1006.7	WNW	2	31.2	—	0	—	1014.4	+0.9	NNW	2	21.9	36	-2	16	-2	28	-5	3	—	—	1	0	3	38
174	EL OBEID	1008.3	NE	3	26	—	1	8	1012.4	-1.7	NE	2	17.1	28	-5	13	+1	33	+10	0	8	—	0	0	23	19
175	EL FÂSHER								1011.1	-0.9	SSW	1	15.6	32	-1	11	0	30	+5	0	—	—	0	0	0	8
176	S. SUDAN — MALAKÂL	1004.0	N	3	34	—	3	7	1009.5	-0.5	NNE	2	22.9	36	-2	19	-1	38	+17	1	8	Cu,Ac	1	0	81	93
177	WÂU	1004.3	E	2	35.0	—	2	—	1009.0	-0.6	N	2	23.9	36	-1	20	0	33	-9	3	—	—	2	0	201	153
178	JÛBA	1002.5	NNE	1	37	—	0	—	1009.7	-0.2	—	0	26.8	39	+1	22	+1	31	-24	4	3	Sc	1	0	161	147
179	Gonciha								—	—	E	2	14.3	22	—	13	—	28	—	3	8	Ci	0	—	—	—
180	Gallabat								—	—	—	0	23.8	37	—	18	—	47	—	0	—	—	0	0	—	—

Upper Wind Observations on 24-2 يوم ٢٤ ارصاد الرياح العليا

Height metres above M.S.L.	Salum 07 h.00 m. Dir. E of N.	Kms. per hour	Matrah 07 h.00 m. Dir. E of N.	Kms. per hour	Asyut 07 h.00 m. Dir. E of N.	Kms. per hour	Aswan 07 h.00 m. Dir. E of N.	Kms. per hour	W. Halfa 07 h.00 m. Dir. E of N.	Kms. per hour	Kareima 06 h.00 m. Dir. E of N.	Kms. per hour	Khartum 05 h.00 m. Dir. E of N.	Kms. per hour	Kassala 07 h.00 m. Dir. E of N.	Kms. per hour	Geneina 07 h.00 m. Dir. E of N.	Kms. per hour	El Obeid 18 h.00 m. Dir. E of N.	Kms. per hour	Malakal 07 h.00 m. Dir. E of N.	Kms. per hour	Juba 07 h.00 m. Dir. E of N.	Kms. per hour	Khartum 07 h.00 m. Dir. E of N.	Kms. per hour	Khartum 19 h.00 m. Dir. E of N.	Kms. per hour	Salam 23-2 18 h.00 m. Dir. E of N.	Kms. per hour
200	250	26	260	39	—	—	—	—	30	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	240	27	240	27	290	20
500	—	—	260	48	0	17	10	32	30	48	20	42	10	40	60	14	—	—	—	—	20	58	110	14	260	34	270	43	—	—
1000	260	69	280	48	330	22	20	20	20	40	40	39	50	31	20	31	0	45	30	37	40	58	100	27	290	45	280	50	280	49
1500	270	48	290	66	340	21	330	19	0	21	10	8	400	23	300	8	80	18	50	24			130	39	300	50	290	39		
2000	Exp				320	28			350	8	300	6	50	19	110	8	250	13	310	14			130	21	290	57	300	40		
3000					320	27					290	35			290	47			310	31			130	11	280	61	300	43		
4000																									290	55				
5000																									280	55				
6000																									280	84				

Forecast for 24 hours from noon on .....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 23-2	Humidity Diff. from normal	Wet Bulb Temp. °C on 23-2	Wet Bulb Temp. Diff. from normal
Alexandria	70	+6	13.1	+1.4
Ezbekiya	60	0	12.3	+1.0
Gîza	63	-1	12.0	+1.2
Helwân	58	+8	11.4	+1.6

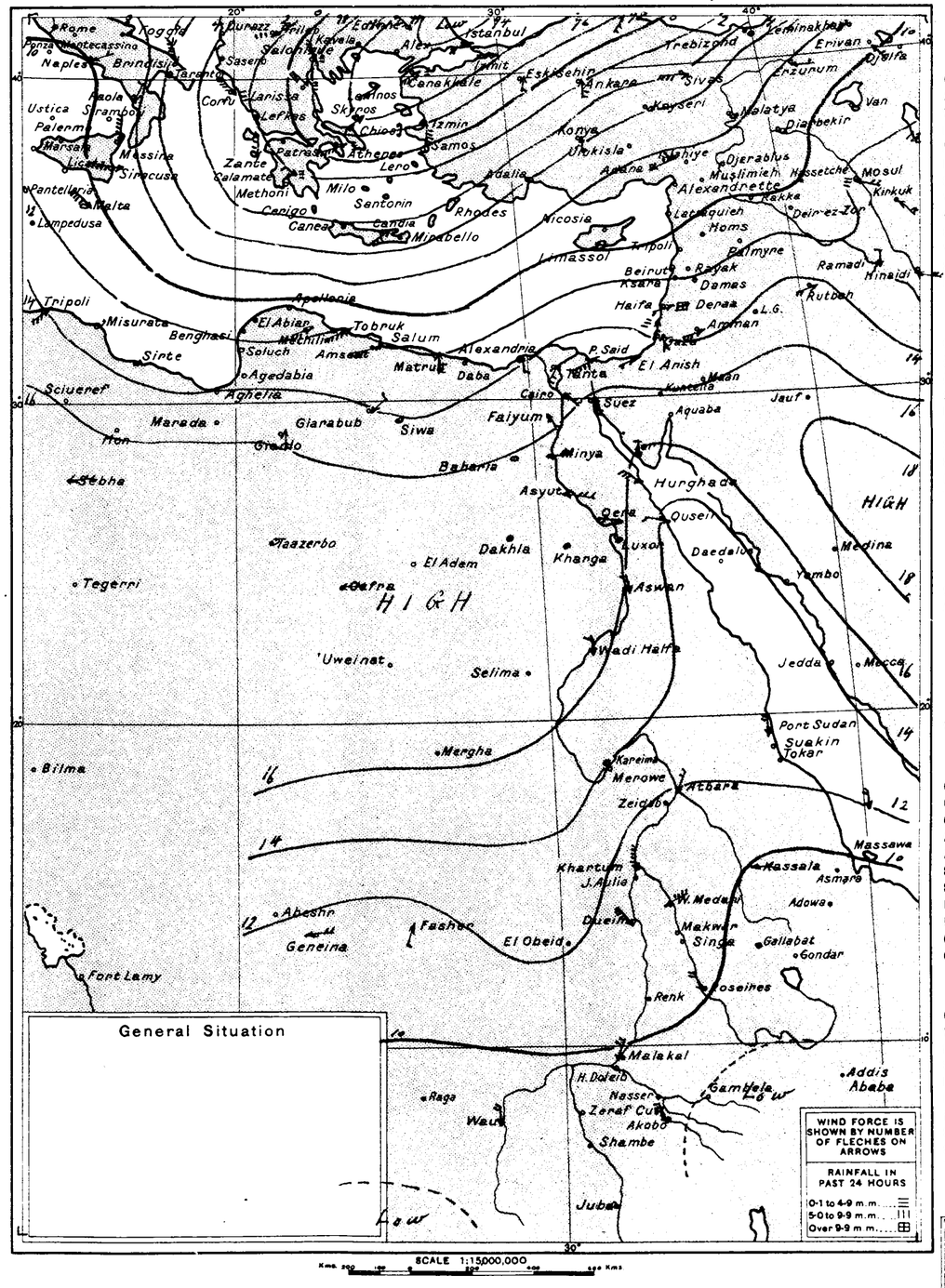
Gîza Grass minimum on 23-2 4.7 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
24.2	870	924
23.2	871	924

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24.2	13.16	-0.13	13.16	-0.13
Nâsser	23.2	5.28	+0.13	5.30	+0.14
Malakâl	24.2	10.23	-0.15	10.22	-0.17
Roseires	24.2	12.13	+0.32	12.16	+0.54
Sennâr Res.	24.2	20.26	—	20.29	—
Khartûm	24.2	10.16	-0.17	10.15	-0.18
Kh. el Girba					
'Atbara	24.2	7.96	-0.24	7.94	-0.27
Kajnarti	24.2	132.18	-0.52	132.18	-0.55
Wâdi Halfa					
Aswân Res.	24.2	119.85	—	119.90	—
.. D. S.	24.2	85.60	-0.37	85.60	-0.38
El Leisi	24.2	17.60	+0.12	17.60	+0.10
Roda (Cairo)	24.2	15.79	+0.20	15.77	+0.18

Pressure and Wind at 8 h. 24-2-1937



STATION	8 h. on 23-2-1937 Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1009	-6	—	0	13	—	—	—	—	—	—	3	—	—	—	0	—	367	ليماسول
Haifa	1013.6	-1.1	WSW	2	15.2	21	+1	12	+3	70	+7	4	—	—	—	6	533	583	حيفا
Gaza	1014.3	-1.3	E	1	13.0	20	+1	9	+1	87	+13	0	9	—	0	0	360	327	غزه

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible 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 FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. m. 06 25
sunset h. m. 17 51

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

DAILY WEATHER REPORT

Month *February* 1937 ١٩٣٧ شهر فبراير

No.	Station	14h on 24th: Bar. pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present weather	14h Visibility	8h on Thursday 25th: Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1011.1	WSW	6	24.1	28	7	4	1019.0	+1.6	NW	2	10.3	25	—	9	—	88	—	0	6	Cu	3	0	87	—
131	MATRÛH	1011.1	SW	5	25.2	19	7	2	1017.1	-0.2	WSW	1	12.8	26	+7	11	+2	81	+6	2	6	Sc	1	0	143	137
150	DIKHEILA	—	WSW	4	23.1	38	—	—	1016.9	—	NW	3	16.8	23	—	13	—	81	—	3	7	Cb	1	0	—	—
132	ALEXANDRIA	1012.7	SW	3	22.4	38	1	9	1016.4	-0.8	N	2	16.8	24	+4	13	+1	74	+2	3	8	Cu	2	0	161	171
	DAMIETTA								1015.8	—	WSW	1	15.2	25	—	11	—	79	—	0	—	—	—	0	63	98
134	PORT SAÏD	1014.2	NW	4	24.2	41	0	8	1016.4	+0.8	SW	2	17.4	25	+5	15	+3	82	+8	0	8	—	0	0	34	61
135	EL 'ARÎSH	1013.6	NNW	1	19.8	49	0	6	1015.8	—	WSW	2	18.2	20	—	13	—	38	—	0	6	—	0	0	—	—
136	LOWER EGYPT: DAMANHÛR								1017.0	+0.6	SW	1	14.6	26	+5	11	+3	86	+6	1	5	—	1	0	68	90
137	MANSÛRA								1016.8	—	NW	1	13.8	25	+4	11	+3	82	+5	0	7	—	1	0	26	40
138	TANTA								1016.7	-0.3	—	0	14.5	26	+4	8	0	84	+6	0	7	—	1	0	33	33
139	ZAGÂZÎG								1017.4	—	SW	2	15.4	26	+4	10	+3	67	-11	1	8	—	—	0	12	20
141	MIDDLE EGYPT: CAIRO ALMÂZA								1017.1	—	SSW	1	16.4	25	—	11	—	66	—	0	7	—	0	0	—	—
	CAIRO EZBEKÎYA	1013.6	WSW	2	25.4	31	0	8	1017.0	-0.5	—	0	14.4	27	+5	12	+3	55	-19	0	6	—	0	0	7	22
	CAIRO GÎZA	1013.4	SW	1	25.5	28	0	6	1017.1	-1.1	SSE	1	15.9	27	+6	11	+5	56	-17	0	5	—	0	0	12	20
143	HELWÂN	1013.8	SW	1	23.3	25	0	9	1017.5	-0.1	—	0	15.7	24	+3	13	+4	44	-21	0	7	—	0	0	14	23
144	SUEZ								1016.7	-0.7	S	2	16.0	22	0	15	+4	45	-28	0	—	—	—	0	12	17
153	UPPER EGYPT: FAIYÛM								1017.0	-0.9	E	1	15.1	27	+4	8	0	56	-9	0	6	—	1	0	6	10
154	MINYA								1018.6	+0.8	SSE	3	15.7	25	+2	12	+4	55	-18	0	8	—	—	0	16	—
155	ASYÛT	1013.3	W	2	23.2	30	0	7	1017.9	-0.3	ESE	3	13.2	26	+2	7	-1	55	-8	0	7	—	0	0	0	5
156	QENA								1017.4	+1.1	NW	1	14.9	27	0	9	-1	59	0	0	6	—	0	0	dr	—
157	LUXOR								1017.2	—	ESE	2	16.3	27	—	7	—	57	—	0	7	—	1	0	dr	—
158	ASWÂN	1012.7	—	0	24.0	26	1	6	1017.4	+0.3	—	0	15.0	26	-2	10	-2	47	+3	1	6	Ci	1	0	1	—
148	WESTERN DESERT: SÎWA	1013.9	SW	3	26.5	31	0	6	1017.8	0	—	0	14.5	27	+4	8	+2	68	+2	0	6	—	0	0	28	4
149	BAHARÎYA	1014.8	NNW	2	23.6	29	0	9	1017.8	—	W	1	15.2	25	—	8	—	55		0	9	—	0	0	26	—
151	KHÂRGA	1015.5	NE	1	23.5	50	0	9	1017.6	+0.2	—	0	16.2	24	-2	7	-1	58	+2	0	9	—	0	0	0	0
152	DÂKHLA	1015.4	SW	1	25.1	22	0	9	1019.2	+1.2	—	0	10.1	26	0	7	0	44	-2	0	9	—	0	0	dr	—
145	RED SEA: TÔR								1017.1	+0.8	N	1	15.0	23	+1	11	0	49	-12	0	6	—	2	0	13	12
146	HURGHÂDA								1017.5	+1.7	NNE	1	19.5	24	+1	12	+2	41	-11	0	7	—	1	0	dr	0
147	QUSEIR								1015.8	+0.3	WNW	2	20.9	25	+1	16	+1	54	+11	0	7	—	0	0	1	7
169	PORT SUDAN	1011.8	NE	5	25.5	—	0	—	1015.5	+1.5	NE	3	23.0	26	-2	15	-4	59	-5	1	—	—	0	0	42	104
165	NORTH SUDAN: WÂDI HALFA	1015.2	N	2	23	—	1	8	1018.1	+1.1	N	1	11.8	26	-2	8	-2	43	+3	0	8	Ci	0	—	—	—
166	KAREIMA	1011.7	NNE	2	29	—	0	8	1015.2	+0.5	N	1	17.2	30	-2	12	-2	41	+14	0	8	Ci	0	0	dr	1
167	'ATBARA	1007.7	NW	2	30.3	—	0	—	1014.2	+0.9	N	2	18.0	30	-3	12	-3	36	+15	0	—	—	0	0	5	1
168	KHARTÛM	1007.7	ENE	4	33	—	0	8	1012.3	-0.1	NNE	4	20.6	34	-1	16	-1	17	-5	1	8	Ci	1	0	4	5
170	KASSALA	1004.7	NE	1	33	—	0	8	1011.5	+0.8	E	1	20.4	34	-3	13	-5	72	+19	0	7	Ci	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI	1003.4	SSE	1	34.2	—	1	—	1012.2	+0.4	N	3	22.8	35	-1	18	+2	20	-6	0	—	—	—	0	56	13
173	DUEIM	—	NNW	3	32.2	—	0	—	—	—	NW	4	20.0	35	-1	17	+2	41	+18	1	—	—	0	0	21	12
	RENK								—					—		—		—							
172	ROSEIRES	1005.5	WNW	2	31.4	—	0	—	1010.3	-0.1	WNW	2	22.5	38	0	16	-2	30	-2	0	—	—	0	0	3	38
174	EL OBEID	1006.7	NE	3	30	—	1	7	1012.5	-1.5	NNW	2	18.9	32	-1	15	+3	17	-6	0	8	Ci	1	0	23	19
175	EL FÂSHER								1012.8	+0.9	WNW	1	16.5	33	0	14	+3	31	+6	0	—	—	0	0	0	8
176	S. SUDAN: MALAKÂL	1004.3	NE	1	36	—	4	8	1010.7	+0.1	NE	3	23.7	38	0	19	-1	39	+18	2	8	Ci, Ac	2	0	81	93
177	WÂU	1004.3	N	3	35.9	—	2	—	1009.5	-0.1	NW	3	25.0	36	-1	23	+3	47	+5	4	—	—	2	0	201	153
178	JÛBA	1003.6	NE	2	36	—	8	2	1010.8	+0.9	SSW	4	25.9	39	+1	22	+1	48	-8	4	4	Cs, Ac	4	0	161	147
179	Geneina								—	—	E	3	15.6	39	—	13	—	24	—	3	8	Ci, Ac	0	—	—	—
180	Gallabat	—	NNW	1	36.5	—	0	—	—	—	—	0	26.3	37	—	16	—	50	—	0	—	—	0	0	—	—

Upper Wind Observations on 25th — ارصاد الرياح العليا يوم ٢٥

Height metres above M.S.L.	Salum 07h 00m Dir.	Kms per hour	Matruh 07h 00m Dir.	Kms	Dikheila 07h 30m Dir.	Kms	Almaza 07h 30m Dir.	Kms	Cairo 08h 30m Dir.	Kms	Helwan 08h 45m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Aswan 07h 00m Dir.	Kms	W. Halfa 07h 00m Dir.	Kms	Kareima 06h 00m Dir.	Kms	Khartum 06h 00m Dir.	Kms	Geneina 07h 00m Dir.	Kms	Kassala 07h 00m Dir.	Kms	El Obeid 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms
200	290	12	340	16	310	23	260	12	350	5	230	5	—	—	—	—	40	23	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	320	24	310	24	300	16	350	18	230	5	350	8	20	39	40	56	40	47	20	58	—	—	40	13	—	—	30	66
1000	330	18	310	29	310	26	270	42	280	28	270	39	340	16	30	41	30	31	50	39	10	34	70	26	10	26	30	53	50	43
1500	290	46	270	58			260	53			260	48	350	23	20	16	20	42	50	11	280	77	170	31	320	8	70	14	80	21
2000	280	59	280	60			260	51			270	47	10	46			10	27	5	18	320	13	180	16	270	24	350	23	110	14
3000							280	46											300	32	320	11	270	21	280	42	290	14	40	16
4000																			290	61			290	23			310	19		
5000																														
6000																														

Forecast for 24 hours from noon on 25th

On the coast moderate northwest winds.
Inland moderate westerly winds freshening later
Occasional medium cloud
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٥
رياح معتدلة شمالية غربية على السواحل
ورياح غربية معتدلة ثم تصير شديدة فيما بعد في الداخل
يظهر بعض السحاب المتوسط الارتفاع أحيانا
ولا تتغير درجة الحرارة الا قليلا

Station	Mean of day: Humidity % on 24th	Diff. from normal	Wet bulb temp. °C on 24th	Diff. from normal
Alexandria	46	-18	12.7	+0.9
Ezbekiya	50	-10	12.9	+1.5
Giza	49	-15	13.0	+2.1
Helwân	37	-13	11.4	+1.6

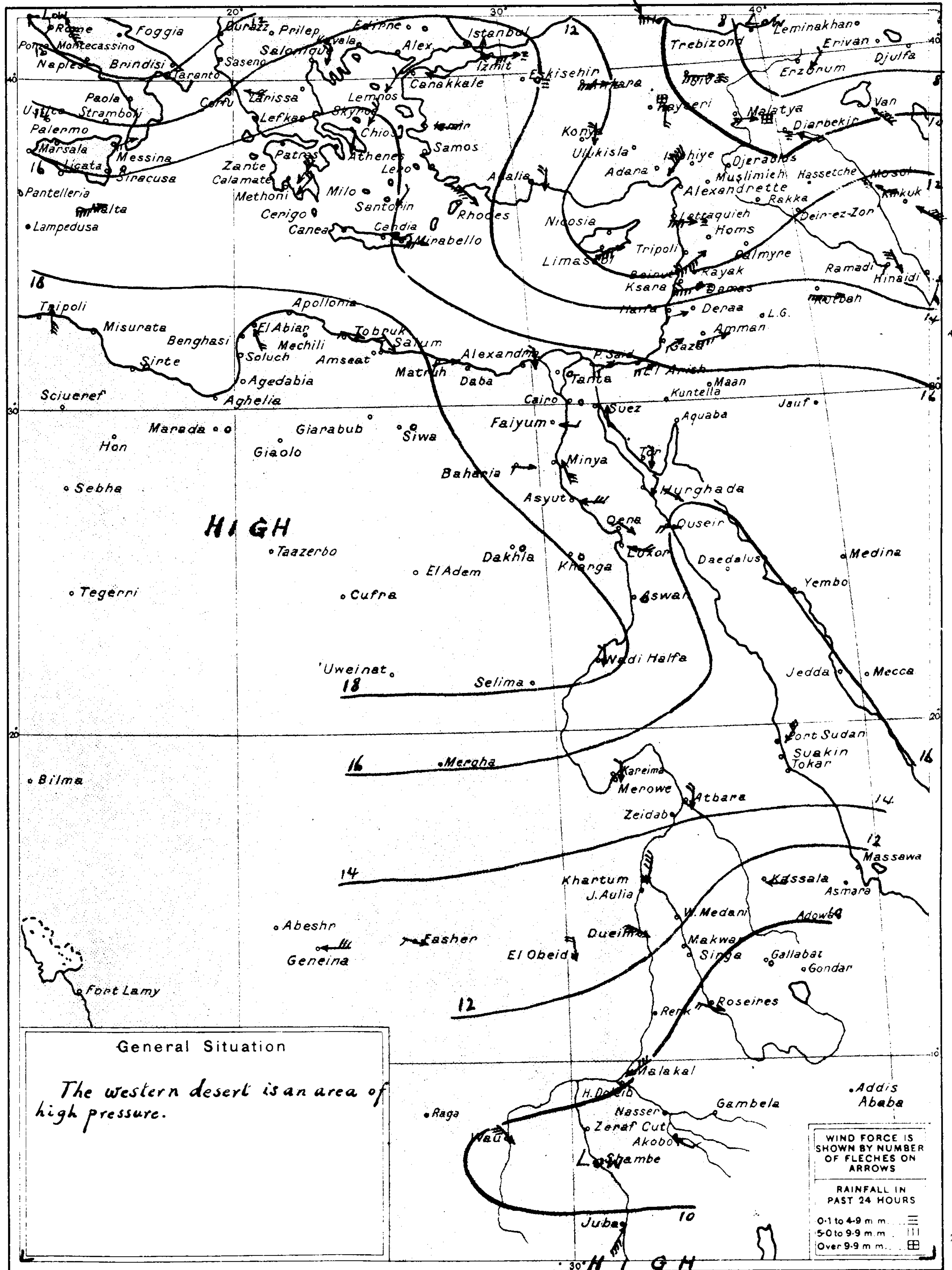
Giza grass minimum on 25th 7.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
25.2	869	727
24.2	870	924

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24.2	13.16	-0.13	13.16	-0.13
Nâsser	23.2	5.28	+0.13	5.30	+0.14
Malakâl	25.2	10.23	-0.14	10.23	-0.15
Roseires	25.2	12.10	+0.60	12.13	+0.52
Sennâr Res.	24.2	20.26	—	20.29	—
Khartûm	24.2	10.16	-0.17	10.15	-0.18
Kh. el Girba					
'Atbara	24.2	9.96	-0.24	9.94	-0.27
Kajnarti	24.2	132.18	-0.52	132.18	-0.55
Wâdi Halfa					
Aswân Res	25.2	119.85	—	119.85	—
,, D. S.	25.2	85.60	-0.36	85.60	-0.37
El Leisi	25.2	17.60	+0.13	17.63	+0.12
Roda (Cairo)	25.2	16.79	+0.20	16.79	+0.20

Pressure and Wind at 8h. 25-2-1937 ١٩٣٧-٢-٢٥



General Situation

The western desert is an area of high pressure.

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 24th — الساعة ٨ يوم ٢٤

Station	Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1009	-6	—	0	13	—	—	—	—	—	—	0	—	—	—	rain	—	370	ليماسول
Haifa	1013.1	-1.5	WSW	1	17.5	19	-1	11	+2	70	+7	2	—	—	—	10	543	586	حيفا
Gaza	1014.3	-1.2	S	1	14.1	21	+2	10	+1	76	+2	2	5	—	1	0	360	329	غزة
Ships	53272 – 34306 – 28100 – 18968 – 60000 – 73000.																		سفينة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise 06 h. 24 m.
sunset 17 h. 52 m.

Month February 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

		At 14h. on 25th الساعة ١٤ يوم ٢٥							At 8h. on Friday 26th الساعة ٨ يوم الجمعة ٢٦																		
	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1019.0	NNE	5	15.0	55	0	7	1019.8	+2.4	WNW	2	9.3	18	—	8	—	90	—	•	6	—	0	0	87	—
131	MATRÛH	1017.1	NNW	4	16.6	57	1	6	1018.0	+0.7	SW	1	11.0	17	-2	9	0	76	+1	2	6	Sc	1	0	143	138
150	DIKHEILA														—		—		—							
132	ALEXANDRIA	1017.0	NNW	4	17.2	57	2	9	1018.0	+0.9	N	2	15.3	22	+2	13	+1	67	-5	2	9	Cu	0	•	161	172
	DAMIETTA								1017.6	—	SW	1	13.7	23	—	9	—	75	—	1	—	—	—	0	63	98
134	PORT SAÏD	1016.8	NW	5	21.5	54	2	8	1018.6	+3.1	NW	2	16.2	23	+3	13	+1	59	-15	1	8	Cu	1	0	34	62
135	EL ʿARÎSH	1015.9	NNW	3	18.4	75	0	6	1017.4	—	—	0	16.3	20	—	12	—	74	—	2	6	Cb	1	0	—	—
136	LOWER EGYPT: DAMANHÛR								1018.6	+2.2	S	2	11.6	22	+1	9	+1	84	+4	1	5	—	1	0	68	90
137	MANSÛRA								1017.4	—	NW	1	13.0	23	+2	9	+1	75	-2	•	7	—	1	0	26	41
138	TANTA								1018.2	+1.2	—	•	13.0	24	+2	6	-2	77	-1	0	7	—	1	0	33	34
139	ZAGÂZÎG								1018.2	—	NW	2	12.6	24	+2	7	0	81	+4	2	7	—	—	•	12	20
141	MIDDLE EGYPT: CAIRO ALMÂZA	1016.7	WNW	3	22.1	62	1	9	1017.9	—	N	1	12.3	23	—	7	—	90	—	1	6	Cs	1	0	—	—
	CAIRO EZBEKÎYA	1015.6	NNW	1	23.1	49	0	7	1017.2	-0.2	—	0	11.4	24	+2	10	+1	86	+12	0	—	—	0	0	9	23
	CAIRO GÎZA	1015.6	SW	1	23.4	40	0	6	1017.4	-0.7	N	1	11.2	25	+4	7	+1	90	+17	1	5	St	1	0	12	21
142	HELWÂN	1015.6	W	1	23.7	35	0	9	1018.0	+0.4	N	2	12.0	24	+3	9	-1	78	+13	•	6	Ci	0	0	14	23
144	SUEZ								1017.6	+0.3	N	2	13.0	24	+2	11	0	68	-5	2	—	—	—	0	12	17
150	UPPER EGYPT: FAIYÛM								1017.9	+0.1	NNW	2	12.3	26	+3	9	+1	78	+13	2	6	—	1	0	6	10
154	MINYA								1017.6	-0.1	—	2	14.9	26	+3	10	+2	62	-11	3	8	—	—	0	16	—
155	ASYÛT	1014.0	NW	2	25.0	27	2	7	1015.4	-2.7	SW	3	13.4	28	+4	11	+3	77	+15	4	6	Cu	1	0	0	5
156	QENA								1015.2	-1.0	NNW	1	16.8	28	+1	12	+2	56	-3	4	6	Ci	2	0	dr	—
157	LUXOR								1015.0	—	—	0	17.7	28	—	7	—	56	—	3	5	Cc	2	0	dr	—
158	ASWÂN	1014.6	N	1	26.0	26	1	6	1015.4	-1.6	—	0	13.8	27	-1	11	-1	44	0	1	6	Cu	1	0	1	—
148	WESTERN DESERT: SÎWA	1017.9	—	0	23.3	51	0	6	1019.9	+2.2	—	0	11.2	25	+2	6	0	66	0	0	6	—	0	0	28	4
149	BAHARÎYA	1015.9	WNW	3	24.7	28	0	9	1018.6	—	NNE	1	14.0	26	—	11	—	71	—	4	6	Cs	1	0	26	—
151	KHÂRGA	1016.0	N	4	25.7	38	2	9	1016.2	-1.1	NW	1	19.0	27	+1	14	+6	56	+1	4	9	—	0	0	0	0
152	DÂKHLA	1016.0	NNE	1	25.5	21	3	7																		—
145	RED SEA: TÔR								1015.5	-0.8	NW	3	18.4	26	+4	13	+2	63	+2	4	6	—	2	0	13	12
146	HURGHÂDA								1015.2	-0.6	WNW	3	18.2	26	+3	9	-1	54	+2	4	5	—	1	0	dr	0
147	QUSEIR								1013.4	-2.0	NNW	3	23.4	26	+2	18	+3	52	+9	0	7	—	•	0	1	7
167	PORT SUDAN	1013.3	NE	5	22.5	—	0	—	1013.1	-0.7	NW	4	22.0	26	-2	16	-3	67	+3	1	—	—	•	0	42	104
165	NORTH SUDAN: WÂDI HALFA	1015.5	NNE	2	20	—	0	8	1016.4	-0.5	N	1	13.8	25	-3	7	-3	47	+7	0	8	As	0	—	—	—
166	KAREIMA	1011.9	NNE	2	30	—	1	8	1013.6	-1.0	NE	1	17.8	31	-2	12	-2	49	+22	1	8	Ci	0	0	dr	1
161	ʿATBARA	1008.8	NW	3	31.0	—	0	—	1012.8	-0.4	N	2	19.0	31	-2	13	-2	32	+11	0	—	—	0	0	5	1
168	KHARTÛM	1012.2	NE	2	34	—	2	8	1010.8	-1.5	NNE	3	21.0	36	+1	17	0	19	-3	3	8	Ci,Ac	1	0	4	5
170	KASSALA	1015.1	NNE	2	33	—	0	8	1010.0	-0.6	E	1	20.6	33	-4	14	-4	49	-4	3	8	Cs	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI								1010.0	-1.7	NE	3	21.9	35	-1	18	+1	30	+4	0	—	—	—	0	56	13
173	DUEIM								—	—	N	4	22.4	36	0	17	+2	48	+25	0	—	—	0	0	21	12
	RENK																									
172	ROSEIRES								1010.6	+0.3	WNW	2	24.4	39	+1	19	+1	28	-4	1	—	—	2	0	3	38
174	EL OBEID	1006.3	NNE	3	33	—	1	8	1011.7	-2.2	NNE	1	18.1	34	+1	16	+4	22	-1	3	8	Ci,Ac	1	0	23	19
175	EL FÂSHER								1010.8	-1.0	—	2	14.9	33	0	13	+1	59	+34	0	—	—	0	0	0	8
176	S. SUDAN: MALAKÂL	1005.1	NNW	1	39	—	4	8	1010.3	+0.4	—	0	23.2	39	-1	20	0	58	+37	4	8	Cs,Ac	2	0	81	93
177	WÂU								1007.9	-1.6	SE	3	25.0	37	0	21	+1	47	+4	3	—	—	2	0	201	153
178	JÛBA								1010.8	+0.9	NE	1	23.9	38	0	20	-1	83	+27	4	7	Sc	1	dr	161	148
179	Geneina	—	—	0	33	—	4	8	—	—	E	2	14.4	41	—	14	—	37	—	3	8	Ci	0	0	—	—
180	Gallabat	—	NW	3	36	—	0	—	—	—	—	0	25.0	38	—	19	—	51	—	0	—	—	0	0	—	—

Upper Wind Observations on 26th — ارصاد الرياح العليا يوم ٢٦

Height metres above M.S.L.	Almaza 06h. 30m. Dir. E.of N.	Kms. per hour	W.Halfa 07h. 00m. Dir. E.of N.	Kms. per hour	Kareima 06h. 00m. Dir. E.of N.	Kms. per hour	Khartum 06h. 00m. Dir. E.of N.	Kms. per hour	Kassala 07h. 00m. Dir. E.of N.	Kms. per hour	Geneina 07h. 00m. Dir. E.of N.	Kms. per hour	El Obeid 06h. 00m. Dir. E.of N.	Kms. per hour	Juba 07h. 00m. Dir. E.of N.	Kms. per hour	Ramleh (R.A.F.) 07h. 00m. Dir. E.of N.	Kms. per hour	Salum 25th 13h. 00m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour	h. m. Dir. E.of N.	Kms. per hour
200	340	9	20	24	—	—	—	—	—	—	—	—	—	—	—	—	330	13	20	14										
500	350	10	40	50	40	47	30	56	110	11	—	—	—	—	—	—	310	11	—	—										
1000	330	27	40	45	50	40	30	31	40	11	90	16	40	50	160	18	290	13	290	19										
1500	300	26	0	21	60	3	280	10	10	18	210	21	60	13	180	31			290	80										
2000	300	28	330	6	300	11	290	14	260	—	230	16	40	21	190	37														
3000	280	43			290	34	280	24	130	51	230	14	10	5	160	40														
4000									110	31			10	11	170	29														
5000																														
6000																														

Forecast for 24 hours from noon on 26th

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٢٦

STATION	Mean of day Humidity % on 25th	Diff. from normal	Wet Bulb Temp. °C on 25th	Diff. from normal
Alexandria	65	+1	13.5	+1.7
Ezbekîya	60	0	13.8	+2.3
Gîza	58	-6	13.8	+2.8
Helwân	44	-6	13.0	+3.1

Gîza Grass minimum on 26th 2.9°c

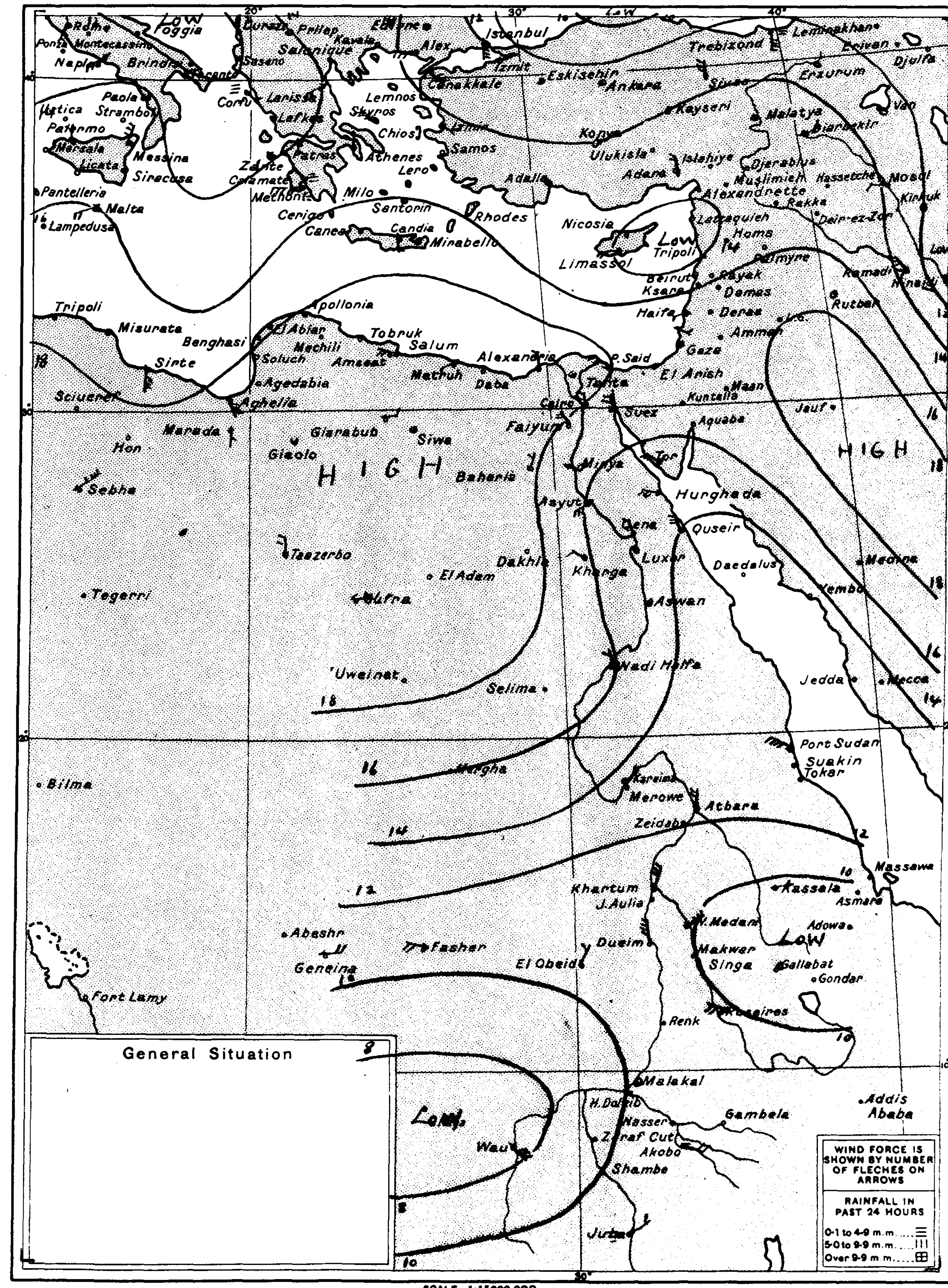
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
26.2	870	927
25.2	867	927

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26.2	13.15	-0.14	13.15	-0.14
Nâsser	25.2	5.33	+0.22	5.31	+0.18
Malakâl	26.2	10.22	-0.15	10.23	-0.14
Roseires	26.2	12.09	+0.51	12.10	+0.50
Sennâr Res.	26.2	20.16	—	20.21	—
Khartûm	26.2	10.15	-0.20	10.13	-0.21
Kh. el Girba					
ʿAtbara	26.2	9.94	-0.24	9.96	-0.23
Kajnarti	26.2	132.14	-0.50	132.16	-0.51
Wâdi Halfa					
Aswân Res.	26.2	119.76	—	119.80	—
,, D. S.	26.2	85.60	-0.35	85.60	-0.36
El Leisi	26.2	17.58	+0.12	17.60	+0.13
Rôda (Cairo)	26.2	15.77	+0.19	15.79	+0.20

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧-٢-٢٦ Pressure and Wind at 8h. 26-2-1937



General Situation

SCALE 1:15,000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear 0
¼ Clouded 1
½ Clouded 2
¾ Clouded 3
Entirely clouded 4
Raining 5
Sand haze 6
Sand storm 7
Mist or Fog 8
Thunderstorm 9

VISIBILITY

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

CLOUD FORM

Cirrus Ci
Cirro-cumulus Cc
Cirro-stratus Cs
Alto-stratus As
Alto-cumulus Ac
Strato-cumulus Sc
Stratus St
Nimbus Nb
Nimbo-stratus Ns
Cumulus Cu
Cumulo-nimbus Cb

PAST WEATHER

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

At 8 h. on 25-2-1937 الساعة ٨ يوم ٢٥-٢-١٩٣٧																			
STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1009	-6	WSW	5	13	—	—	—	—	—	—	0	—	—	—	0	—	373	ليماسول
Haifa	1013.9	-0.7	WSW	1	19.5	21	+1	13	+4	74	+11	1	—	—	—	0	543	589	حيفا
Gaza	1015.1	-0.4	SW	1	15.3	22	+3	12	+3	60	-13	•	9	—	0	•	360	332	غزة

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise 06 h. 23 m.
sunset 17 h. 52 m.

Month *February* 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 26th (الساعة ٢ يوم ٢٦) — At 8 h. on Saturday 27th (الساعة ٨ يوم السبت ٢٧)

No.	Region	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1019.1	E	2	16.4	56	0	7	1017.6	+0.2	SW	2	13.9	17	—	9	—	56	—	0	6	Cu	0	0	87	—
131		MATRÛH	1017.9	N	2	16.1	62	1	6	1017.4	+0.1	SSE	1	10.2	17	-2	8	-1	86	+11	0	6	—	0	0	143	139
150		DIKHEILA	1018.5	NNW	2	18.4	60	2	8	1018.4	—	S	1	15.4	18	—	10	—	72	—	1	7	Ci,Cu	0	0	—	
132		ALEXANDRIA	1017.8	NNW	2	20.0	49	2	9	1017.8	+0.8	—	0	14.8	21	+1	12	0	74	+2	2	8	Cu	0	0	161	172
		DAMIETTA								1017.0	—	SW	1	16.5	21	—	9	—	72	—	0	—	—	—	0	63	99
134		PORT SAÏD	1018.3	NE	2	19.5	47	0	8	1017.5	+2.0	SE	2	17.0	22	+2	12	0	65	-9	2	8	Cb	1	0	34	62
135		EL 'ARÎSH	1017.2	NNW	2	17.2	53	0	6	1016.6	—	SSE	1	15.0	18	—	8	—	58	—	0	6	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1017.8	+1.5	WSW	1	11.8	22	+1	8	0	85	+5	0	5	—	1	0	68	91
137		MANSÛRA								1017.2	—	SW	1	12.8	22	0	8	0	77	0	0	7	—	1	0	26	41
		TANTA								1017.1	+0.1	—	0	11.0	21	-1	6	-2	94	+17	1	7	—	1	0	33	34
		ZAGÂZÎG								1017.6	—	NW	2	12.2	21	-1	7	0	83	+6	2	7	—	—	0	12	21
	Middle Egypt (Cairo)	ALMÂZA	1017.0	NNW	2	20.0	63	3	8	1017.5	—	E	1	12.4	21	—	7	—	88	—	0	6	—	0	0	—	—
		EZBEKÎYA	1016.4	N	2	21.0	49	1	8	1017.0	-0.3	NW	1	11.4	22	0	9	0	79	+6	0	4	—	0	0	9	23
		GÎZA	1015.8	NNE	1	19.5	41	2	5	1016.8	-1.2	NNW	1	11.0	21	-1	5	-2	95	+22	0	5	—	0	0	12	21
143		HELWÂN	1015.9	N	2	20.0	34	3	7	1016.8	-0.7	NNE	2	12.6	21	-1	9	-1	61	-4	0	7	—	1	0	14	24
144		SUEZ								1017.0	-0.2	N	2	13.4	22	0	10	-1	69	-4	0	—	—	—	0	12	17
153	Upper Egypt	FAIYÛM								1016.8	-1.0	NNW	2	12.2	21	-2	8	0	74	-9	0	6	—	1	0	6	10
154		MINYA								1017.1	-0.6	NNW	2	13.1	24	+1	8	0	48	-24	1	7	—	—	0	16	—
155		ASYÛT	1013.1	W	3	20.0	58	4	7	1015.0	-3.0	SW	2	11.4	22	-2	7	-1	73	+11	0	7	—	0	0	0	5
156		QENA								1015.9	-0.2	W	2	16.0	28	+1	10	0	55	-4	0	6	—	2	0	dr	—
157		LUXOR								1014.4	—	—	0	18.2	28	—	9	—	52	—	0	7	—	2	0	dr	—
158		ASWÂN	1012.7	NNE	4	26.5	28	3	6	1014.6	-2.3	N	3	16.3	28	0	13	+1	53	+10	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1017.2	—	0	23.1	63	0	6	1017.4	-0.3	—	0	12.7	25	+2	7	+1	69	+3	0	6	—	0	0	28	4
149		BAHARÎYA	1016.6	N	1	21.6	44	0	9	1017.6	—	N	1	14.8	22	—	7	—	68	—	0	9	—	0	0	26	—
151		KHÂRGA	1015.6	NE	2	25.8	49	0	9	1015.1	-2.2	NW	2	15.2	26	0	9	+1	66	+11	0	9	—	1	0	0	0
152		DÂKHLA	1015.1	NNW	3	27.8	43	2	8	1017.9	+0.1	—	0	12.0	28	+2	8	0	54	+8	0	9	—	0	0	dr	—
145	Red Sea	TOR								1013.5	-2.7	N	2	18.2	22	0	12	+1	58	-3	0	6	—	2	0	13	12
146		HURGHÂDA								1013.8	-1.9	NW	4	18.2	25	+2	12	+2	53	+1	0	7	—	1	0	dr	0
147		QUSEIR																									
169		PORT SUDAN	1010.0	NE	4	26.5	—	1	—	1010.7	-3.2	N	3	22.5	27	-1	16	-3	59	-5	0	—	—	0	0	42	105
165	North Sudan	WÂDI HALFA	1013.7	N	3	26	—	1	8	1016.1	-0.7	NNW	1	13.4	27	-1	11	+1	55	+16	0	8	—	0	—	—	—
166		KAREIMA	1010.7	N	2	30	—	1	8	1013.5	-1.1	ENE	2	19.7	—	—	16	+2	39	+13	0	8	—	0	0	dr	1
167		'ATBARA	1007.6	N	3	32.0	—	0	—	1010.3	-2.8	NE	3	21.0	32	-1	16	+1	27	+6	0	—	—	0	0	5	1
168		KHARTÛM	1007.2	NNW	3	35	—	3	8	1010.9	-1.3	NE	4	21.3	35	0	15	-2	20	-2	0	8	Ci	1	0	4	5
170		KASSALA	1004.0	NE	2	34	—	2	8	1010.3	-0.2	E	1	21.2	35	-2	16	-2	57	+4	2	8	Ci,Ac	1	0	dr	11
171	Central Sudan	WAD MEDANI								1009.6	-2.0	NE	3	23.0	35	-1	17	0	19	-6	0	—	—	—	0	56	13
173		DUEIM	1006.6	WNW	3	34.2	—	0	—	—	—	NW	4	23.4	36	0	18	+2	59	+36	0	—	—	0	0	21	12
		RENK									—					—		—		—							
172		ROSEIRES	1003.8	WNW	1	34.2	—	0	—	1008.7	-1.6	NW	2	23.8	40	+2	20	+2	31	-1	1	—	—	1	0	3	38
174		EL OBEID	1005.5	NE	3	33	—	3	8	1010.7	-3.1	N	2	20.0	34	+1	16	+4	25	+2	1	8	Ci	1	0	23	19
175		EL FÂSHER	1002.8	NE	1	35.0	—	0	—	1009.5	-2.2	WNW	1	19.0	37	+4	15	+3	30	+5	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	1003.8	—	0	38	—	4	8	1010.2	+0.3	NE	3	25.0	39	+1	20	0	26	+5	2	8	Ci,Ac	1	0	81	93
177		WAU								1006.4	-3.1	NW	2	26.0	38	+1	22	+2	33	-10	4	—	—	2	0	201	154
178		JÛBA	1004.4	SE	2	33	—	3	8	1008.8	-1.1	NE	2	27.7	39	+2	22	+1	57	0	3	7	Sc	1	0	161	148
179		Geneina	—	W	1	35	—	2	8	—	—	NE	3	18.2	43	—	13	—	20	—	0	8	Ac	0	0	—	—
180		Galiabat	—	N	3	37.7	—	0	—	—	—	—	0	26.3	38	—	20	—	41	—	0	—	—	0	0	—	—

Upper Wind Observations on 27th

ارصاد الرياح العليا يوم ٢٧

Height in metres above M.S.L.; for each station: Dir. E. of N. / Kms. per hour

Height	Salum 07 h. 00 m. Dir.	Kms.	Matruh 07 h. 00 m. Dir.	Kms.	Dikheila 07 h. 45 m. Dir.	Kms.	Cairo 06 h. 30 m. Dir.	Kms.	Helwan 09 h. 15 m. Dir.	Kms.	Asyut 07 h. 00 m. Dir.	Kms.	Aswan 07 h. 00 m. Dir.	Kms.	W. Halfa 06 h. 00 m. Dir.	Kms.	Kareima 06 h. 00 m. Dir.	Kms.	Khartum 06 h. 00 m. Dir.	Kms.	Geneina 07 h. 00 m. Dir.	Kms.	El Obeid 06 h. 00 m. Dir.	Kms.	Malakal 06 h. 00 m. Dir.	Kms.	Abukir 07 h. 00 m. R.A.F. Dir.	Kms.	Heliopolis 07 h. 00 m. R.A.F. Dir.	Kms.
200	200	8	120	11	70	15	50	19	50	10	—	—	—	—	20	27	—	—	—	—	—	—	—	—	—	—	50	71	50	24
500	—	—	350	8	50	15	50	23	60	12	350	18	0	47	30	47	30	51	20	60	—	—	—	—	30	89	40	14	50	23
1000	270	14	320	16	30	18	10	23	40	25	350	34	350	37	0	48	40	53	20	60	0	60	50	56	30	82	30	14	20	21
1500	300	16	340	31	0	24	10	23	10	22	330	44	330	20	350	40	0	21	350	21	60	56	50	32	40	67	350	18	0	21
2000	310	17	330	41	350	27	20	11	Ent. Cu						350	43	340	31	340	43	170	21	10	31	30	27	340	24	340	18
3000	320	38	330	24	340	27											280	47	330	50	220	14			30	29	330	26	290	23
4000																													290	27
5000																														
6000																														

Forecast for 24 hours from noon on 27th

On the coast light to moderate winds chiefly between west and north.
Inland light north to northeast winds, becoming moderate.
Some low cloud.
Little change in temperature.

تغيرات الطقس المنظرة في ٢٤ ساعة من ظهر ٢٧
رياح ما بين الخفيفة والمعتدلة أغلبها ما بين الغرب والشمال على السواحل
ورياح خفيفة ثم تعتدل شمالية الى شمالية شرقية في الداخل
تظهر بعض السحاب المنخفضة
ودرجة الحرارة كما هي

Station	Mean of day Humidity % on 26th	Diff. from normal	Wet Bulb Temp. °C on 26th	Diff. from normal
Alexandria	63	-1	12.7	+0.8
Ezbekîya	70	+10	12.6	+1.0
Giza	75	+12	11.6	+0.5
Helwân	61	+12	11.3	+1.4

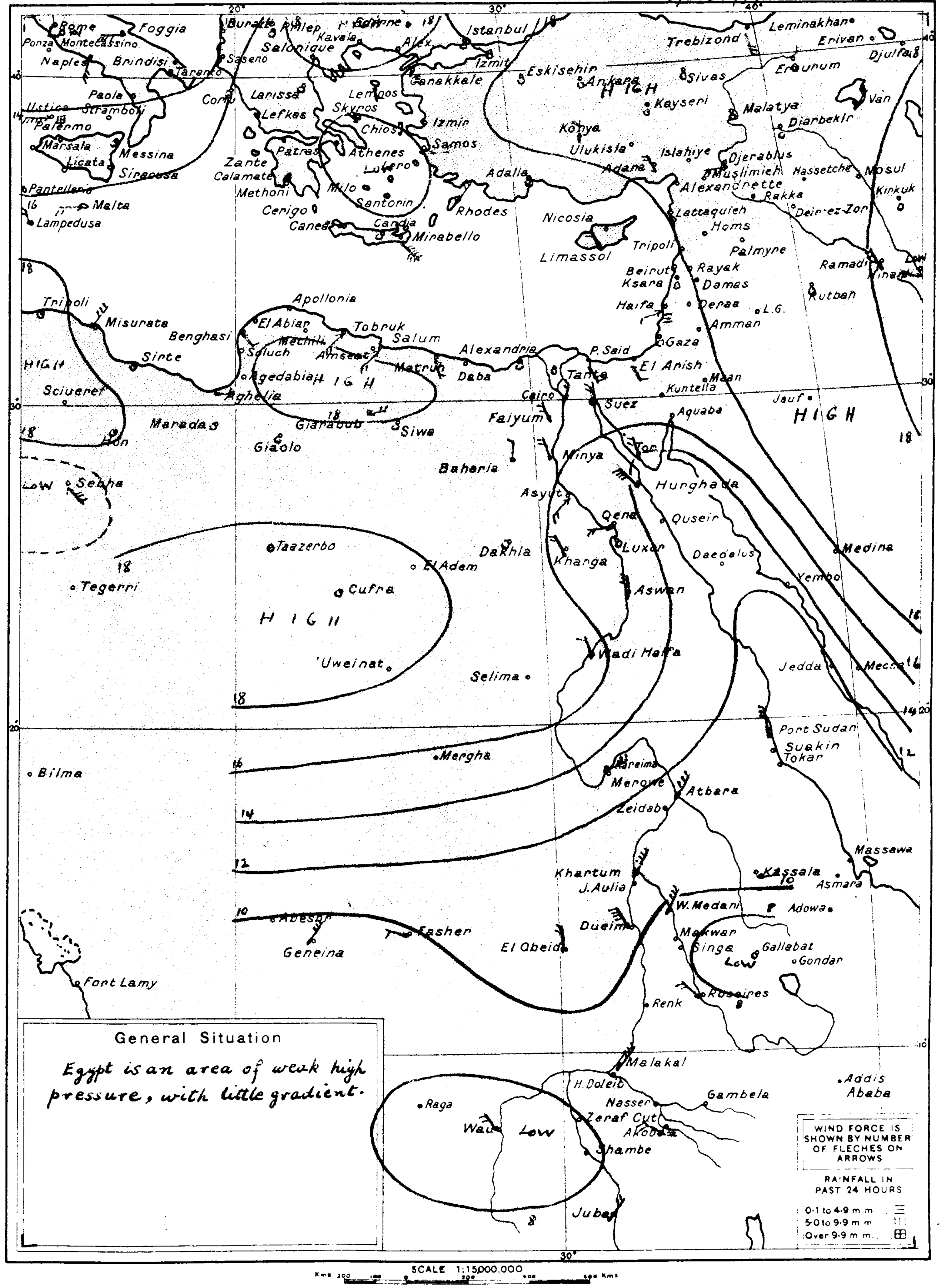
Gîza Grass minimum on 27th 2.4 °C

Discharges at Aswân measured by sluices m³ per sec.

Date	1937	1936
27.2	868	925
26.2	870	927

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26.2	13.15	-0.14	13.15	-0.14
Nâsser	25.2	5.33	+0.22	5.31	+0.18
Malakâl	27.2	10.21	-0.15	10.22	-0.15
Roseires	27.2	12.07	+0.50	12.09	+0.51
Sennâr Res.	26.2	20.16	—	20.21	—
Khartûm	26.2	10.15	-0.20	10.13	-0.21
Kh. el Girba					
'Atbara	27.2	9.92	-0.24	9.94	-0.24
Kajnarti	26.2	132.14	-0.50	132.16	-0.51
Wâdi Halfa					
Aswân Res.	27.2	119.72	—	119.76	—
Aswân Res. D. S.	27.2	85.60	-0.34	85.60	-0.35
El Leisi	27.2	17.55	+0.10	17.58	+0.12
Rôda (Cairo)	27.2	15.75	+0.17	15.77	+0.17

Pressure and Wind at 8 h. 27-2-1937



General Situation

Egypt is an area of weak high pressure, with little gradient.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 26-2-1937 — الساعة ٨ يوم ٢٦-٢-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1013	-2	W	2	12	—	—	—	—	—	—	0	—	—	—	0	—	376	ليماسول
Haifa	1016.8	+2.2	WSW	1	14.0	20	0	10	+1	78	+15	3	—	—	—	0	543	592	حيفا
Gaza	1017.0	+1.6	—	0	14.2	20	+1	11	+2	85	+12	2	5	—	1	0	360	335	غزة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise 06 h. 22 m
sunset 17 h. 53 m

Month *February* 1937 ١٩٣٧ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 27 — الساعة ٢ بعد ظهر يوم ٢٧ | At 8h. on Sunday 28th — الساعة ٨ يوم الأحد ٢٨

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1017.0	NW	2	12.8	30	3	7	1019.5	+2.2	NNE	1	14.0	22	—	12	—	96	—	1	5	Cu	1	0	87	—
131	MEDITERRANEAN	MATRÛH	1017.0	ENE	3	17.6	75	3	6	1019.0	+1.8	SSE	1	14.0	21	+2	11	+2	67	-8	0	6	—	0	0	143	140
150	MEDITERRANEAN	DIKHEILA	1018.4	NNW	2	17.3	66	0	x	1020.9	—	—	0	16.4	19	—	10	—	78	—	8	7	Cu	0	0	—	—
132	MEDITERRANEAN	ALEXANDRIA	1017.5	NNE	2	19.1	53	1	9	1020.2	+3.2	—	0	17.0	22	+2	13	+1	71	-1	1	9	Cu	0	0	161	173
	MEDITERRANEAN	DAMIETTA								1019.0	—	NNW	1	17.5	22	—	10	—	73	—	0	—	—	—	0	63	100
134	MEDITERRANEAN	PORT SAÏD	1017.5	NW	4	20.8	52	0	8	1019.6	+4.2	NE	3	17.2	22	+2	14	+2	63	-11	2	8	Cb	1	0	34	63
135	MEDITERRANEAN	EL ARÎSH	1015.9	NNW	3	17.0	66	0	6	1018.6	—	—	0	16.2	19	—	11	—	78	—	1	6	Cb	0	0	—	—
[illegible]	LOWER EGYPT	DAMANHÛR								1020.4	+4.1	ENE	1	11.2	21	0	8	0	93	+13	0	4	—	1	0	68	72
[illegible]	LOWER EGYPT	MANSÛRA								1019.9	—	SW	1	13.3	21	-1	8	0	85	+8	0	7	—	1	0	26	42
[illegible]	LOWER EGYPT	TANTA								1019.6	+2.6	—	0	10.2	21	-1	6	-2	95	+18	0	7	—	1	0	33	35
[illegible]	LOWER EGYPT	ZAGÂZÎG								1020.6	—	SW	1	11.9	20	-2	7	0	89	+12	2	8	—	—	0	12	21
	MIDDLE EGYPT — CAIRO	ALMÂZA	1017.0	N	3	19.3	61	2	9	1020.0	—	ESE	1	12.2	20	—	7	—	87	—	8	5	—	0	0	—	—
	MIDDLE EGYPT — CAIRO	EZBEKÎYA	1016.2	NW	2	20.8	43	2	8	1019.4	+2.2	NNW	1	11.4	21	-1	9	0	84	+11	0	4	—	0	0	9	23
	MIDDLE EGYPT — CAIRO	GÎZA	1016.0	N	2	20.4	41	3	5	1019.5	+1.5	NW	1	11.0	21	-1	6	-1	94	+21	0	5	—	0	0	12	21
143	MIDDLE EGYPT	HELWÂN	1015.9	NNW	4	18.6	37	2	7	1019.8	+2.4	NE	1	10.7	20	-2	9	-1	87	+22	0	5	—	0	0	14	24
144	MIDDLE EGYPT	SUEZ								1018.7	+1.5	N	2	13.5	21	-1	10	-1	61	-12	0	—	—	—	0	12	17
153	UPPER EGYPT	FAIYÛM								1019.8	+2.1	NNW	1	12.8	21	-2	8	0	77	+12	0	6	—	1	0	6	10
154	UPPER EGYPT	MINYA								1019.8	+2.2	NNW	3	13.3	21	-2	8	0	76	+4	0	6	—	—	0	16	—
155	UPPER EGYPT	ASYÛT	1014.2	SW	3	20.8	29	0	7	1016.0	-1.9	W	3	11.0	22	-2	7	-1	65	+3	0	6	—	0	0	0	5
156	UPPER EGYPT	QENA								1017.0	+1.0	WSW	4	14.2	27	-1	9	-1	62	+4	0	7	—	0	0	dr	—
157	UPPER EGYPT	LUXOR								1016.4	—	—	0	15.3	27	—	8	—	67	—	0	7	—	0	0	dr	—
158	UPPER EGYPT	ASWÂN	1011.9	N	3	25.6	31	0	6	1018.4	+1.6	—	0	14.0	27	-1	11	-1	37	+14	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1018.0	—	0	24.9	44	0	6	1017.4	-0.2	—	0	10.2	26	+3	5	-2	62	-3	0	6	—	0	0	28	4
149	WESTERN DESERT	BAHARÎYA	1017.6	NNW	1	20.0	43	0	9	1020.0	—	—	0	14.5	21	—	7	—	65	—	0	9	—	0	0	26	—
151	WESTERN DESERT	KHÂRGA	1013.5	N	3	23.6	56	0	9	1019.0	+1.8	N	3	15.4	25	-1	11	+3	61	+6	0	9	—	0	0	0	0
152	WESTERN DESERT	DÂKHLA	1015.1	NNW	4	23.1	28	0	8																		—
145	RED SEA	TÔR								1014.7	-1.4	NW	5	16.7	21	-2	15	+4	54	-7	0	6	—	0	0	13	12
146	RED SEA	HURGHÂDA								1015.9	+0.2	NW	4	17.5	23	-1	14	+4	55	+4	0	7	—	1	0	dr	0
147	RED SEA	QUSEIR								1014.4	-0.9	NW	3	19.8	24	0	14	-1	52	+10	0	7	—	0	0	1	7
169	RED SEA	PORT SUDAN	1010.3	NE	5	26.5	—	0	—	1013.1	-0.7	NE	3	27.0	25	-3	16	-3	52	-12	0	—	—	0	0	42	105
165	NORTH SUDAN	WÂDI HALFA								1018.8	+2.1	N	2	13.6	26	-3	11	+1	47	+8	0	8	—	0	—	—	—
166	NORTH SUDAN	KAREIMA								1015.3	+0.8	ENE	1	18.7	31	-2	15	+1	36	+10	0	7	—	0	0	dr	7
167	NORTH SUDAN	'ATBARA	1006.7	N	2	32.0	—	0	—	1013.6	+0.6	N	5	21.0	32	-1	18	+3	34	+13	0	—	—	0	0	5	1
168	NORTH SUDAN	KHARTÛM								1012.7	+0.6	NNE	5	20.1	35	0	16	-1	26	+4	0	7	—	0	0	4	5
170	NORTH SUDAN	KASSALA								1010.0	-0.4	ESE	1	20.7	36	-1	15	-3	57	+5	0	7	—	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI	1006.3	NE	4	34.6	—	0	—	1011.0	-0.5	N	4	22.4	35	-1	18	+1	15	-10	0	—	—	—	0	56	13
173	CENTRAL SUDAN	DUEIM								—	—	NW	5	23.4	35	-1	17	+1	21	-2	0	—	—	0	0	21	12
	CENTRAL SUDAN	RENK																									
172	CENTRAL SUDAN	ROSEIRES								1011.1	+0.9	NNW	3	23.3	39	+1	17	-1	26	-5	2	—	—	2	0	3	38
174	CENTRAL SUDAN	EL OBEID								1012.4	-1.3	N	2	19.2	33	0	15	+3	29	+6	0	8	Ci,Ac	1	0	23	19
175	CENTRAL SUDAN	EL FÂSHER	1002.2	WNW	3	35.5	—	0	—	1013.1	+1.5	NW	1	20.0	36	+3	15	+3	32	+7	0	—	—	0	0	0	8
176	S. SUDAN	MALAKÂL								1009.0	-0.9	NE	4	25.7	39	+1	21	+1	14	-7	3	8	Cs,Ac	2	0	81	93
177	S. SUDAN	WÂU	1003.4	ESE	3	38.5	—	1	—	1009.1	-0.4	E	2	23.8	38	+1	21	+1	43	0	2	—	—	2	0	201	154
178	S. SUDAN	JÛBA								1010.0	+0.1	SW	3	27.8	39	+2	23	+2	57	0	4	7	Ci,Sc	1	dr	161	148
179		Geneina								—	—	NE	3	17.7	43	—	17	—	20	—	9	8	Ac	0	0	—	—
180		Gallabat	—	NW	4	36.5	—	0	—	—	—	N	2	23.7	38	—	18	—	55	—	0	—	—	0	0	—	—

Upper Wind Observations on 28th — ارصاد الرياح العليا يوم ٢٨

(Dir. E. of N.; Kms. per hour)

Height metres above M.S.L.	Salum 07h 00m Dir.	Salum Kms	Matruh 07h 00m Dir.	Matruh Kms	Dikheila 07h 45m Dir.	Dikheila Kms	Almaza 07h 30m Dir.	Almaza Kms	Cairo 08h 30m Dir.	Cairo Kms	Helwan 08h 45m Dir.	Helwan Kms	Asyut 07h 00m Dir.	Asyut Kms
200	20	6	160	17	40	13	50	5	20	10	320	8	—	—
500	—	—	190	22	40	13	40	16	40	15	30	13	0	45
1000	320	10	230	17	330	12	30	20	30	24	20	28	0	54
1500			280	18	340	24	0	33	360	35	10	30	350	63
2000			310	30	330	37	0	44						
3000			320	36	350	30	350	36						
4000														
5000														
6000														

Height metres above M.S.L.	Aswan 07h 00m Dir.	Aswan Kms	W. Halfa 06h 00m Dir.	W. Halfa Kms	Kareima 06h 00m Dir.	Kareima Kms	Khartum 05h 00m Dir.	Khartum Kms	Genaina 07h 00m Dir.	Genaina Kms	Kassala 07h 00m Dir.	Kassala Kms	El Obeid 06h 00m Dir.	El Obeid Kms	Malakal 06h 00m Dir.	Malakal Kms
200	—	—	20	21	—	—	—	—	—	—	—	—	—	—	—	—
500	350	45	30	47	20	63	20	61	—	—	—	—	—	—	—	—
1000	0	42	0	43	20	71	20	39	60	58	—	—	30	68	20	68
1500	340	51	0	51	0	16	0	14	80	45	20	11	40	40	50	48
2000			0	74	0	18	300	37	170	24	300	34	30	14	20	23
3000			210	34	290	14	280	50	230	23			310	29	40	18
4000									260	34						
5000																
6000																

Forecast for 24 hours from noon on 28th
On the coast light variable winds, chiefly northeast, becoming southerly later.
Inland light winds chiefly between northwest and northeast.
Some low cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٨
رياح خفيفة مختلفة الاتجاه وأكثرها شمالية
شرقية ثم تتحول الى جنوبية على السواحل
ورياح خفيفة أكثرها بجهة شمالية غربية وشمالية شرقية
في الداخل
يظهر بعض السحاب المنخفض
ولا تغيير في درجة الحرارة الا قليلا

STATION	Mean of day Humidity % on 27th	Humidity Diff. from normal	Wet Bulb Temp. °C on 27th	Wet Bulb Diff. from normal
Alexandria	68	+4	13.0	+1.1
Ezbekiya	69	+9	12.1	+0.4
Gîza	75	+12	12.2	+1.0
Helwân	55	+6	10.9	+0.9

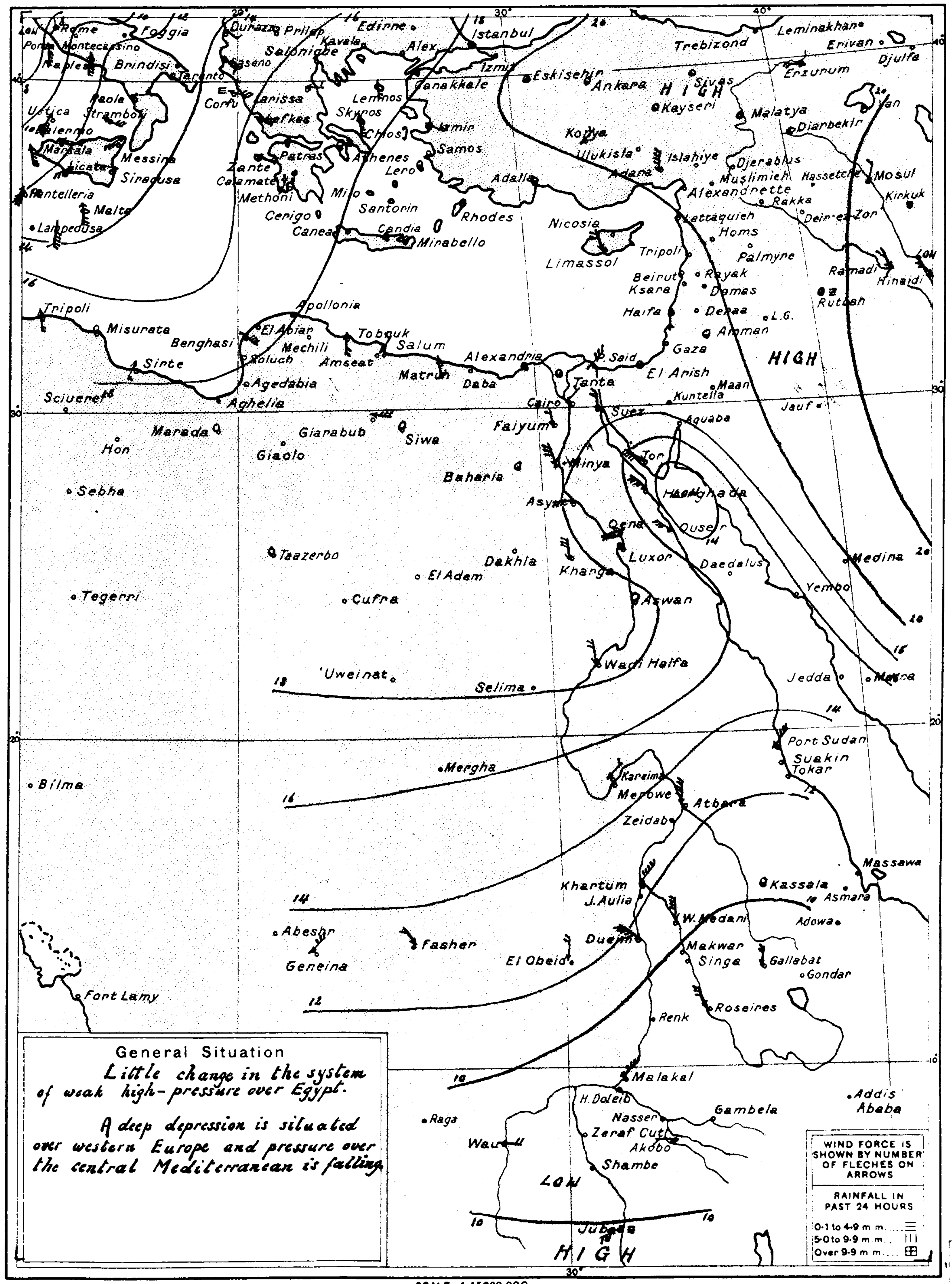
Gîza Grass minimum on 28th 3.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
28.2	870	893
27.2	868	925

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27.2	13.14	-0.15	13.15	-0.14
Nâsser	27.2	5.27	+0.17	5.33	+0.24
Malakâl	28.2	10.22	-0.13	10.21	-0.15
Roseires	28.2	12.03	+0.47	12.07	+0.50
Sennâr Res.	27.2	20.11	—	20.16	—
Khartûm	27.2	10.20	-0.17	10.15	-0.20
Kh. el Girba					
'Atbara	28.2	9.92	-0.23	9.92	-0.24
Kajnarti	28.2	132.12	-0.47	132.14	-0.47
Wâdi Halfa					
Aswân Res.	28.2	119.67	—	119.72	—
,, D. S.	28.2	85.60	-0.33	85.60	-0.34
El Leisi	27.2	17.35	+0.10	17.58	+0.12
Rôda (Cairo)	28.2	15.73	+0.15	15.75	+0.17

١٩٣٧-٢-٢٨ Pressure and Wind at 8 h. 28-2-1937



General Situation
Little change in the system of weak high-pressure over Egypt.
A deep depression is situated over western Europe and pressure over the central Mediterranean is falling.

At 8 h. on 27-2-1937 — الساعة ٨ يوم ٢٧-٢-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1016	+1	NNW	2	11	—	—	—	—	—	—	0	—	—	—	0	—	376	ليماسول
Haifa	1017.4	+2.8	WSW	1	16.5	19	-1	12	+3	67	+4	4	—	—	—	2	545	595	حيفا
Gaza	1017.0	+1.6	—	0	10.6	20	0	6	-3	83	+10	0	7	—	0	0	360	338	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

70305

CAIRO
Time of sunrise h. 06 m. 21
sunset h. 17 m. 54

Month March 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	STATION	At 14h. on 28-2 (الساعة ١٤ يوم ٢٨-٢) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Monday 1st (الساعة ٨ يوم الاثنين ١) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1018.4	SE	1	20.3	60	0	8	1013.8	-3.5	SSW	7	16.6	22	—	13	—	38	—	0	5	Cu	0	0	87	—
131	MATRÛH	1018.2	E	3	20.6	46	0	6	1017.1	-0.1	SSE	4	14.0	22	+3	11	+2	66	-9	7	3	—	3	0	143	141
	DIKHEILA														—		—		—							—
132	ALEXANDRIA	1021.1	NE	2	21.0	56	1	9	1019.4	+2.6	SSE	4	12.8	22	+2	11	-1	85	+13	1	9	Ci	0	0	161	174
	DAMIETTA								1020.0	—	SW	2	13.6	22	—	10	—	82	—	0	—	—	—	0	63	100
134	PORT SAÏD	1018.6	NE	4	21.5	50	0	8	1020.3	+5.0	ENE	2	16.5	22	+2	11	-1	70	-3	0	7	—	0	0	34	63
135	EL 'ARÎSH	1018.3	NNW	3	17.7	66	0	6	1019.6	—	SSE	1	14.4	19	—	9	—	78	—	0	6	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1020.3	+4.0	SE	1	13.2	22	0	10	+2	85	+6	1	5	—	1	0	68	92
137	MANSÛRA								1019.5	—	SSW	1	10.8	22	0	8	0	92	+15	0	7	—	1	0	26	42
138	TANTA								1019.5	+2.5	—	0	13.5	22	-1	5	-3	83	+6	0	7	—	1	0	33	35
139	ZAGÂZÎG								1020.7	—	NW	2	11.3	21	-1	6	-1	87	+10	2	7	—	—	0	12	21
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1017.2	N	2	19.1	61	3	9	1019.5	—	W	2	13.0	21	—	8	—	88	—	8	5	Cs	0	0	—	—
	CAIRO EZBEKÎYA	1018.3	NNE	1	21.3	50	2	8	1019.6	+2.6	NNW	1	11.3	23	0	8	-1	89	+16	0	4	Cc	0	0	9	23
	CAIRO GÎZA	1018.3	NNW	1	20.9	48	2	6	1019.5	+1.7	N	1	10.4	22	0	5	-2	92	+19	1	5	Cs	1	0	12	21
143	HELWÂN	1018.4	NNE	3	19.7	41	3	8	1020.2	+2.9	E	1	9.8	20	-2	9	-1	80	+15	0	6	Ci	1	0	14	24
144	SUEZ								1019.8	+2.8	N	2	14.0	22	0	9	-2	69	-4	0	—	—	—	0	12	17
	UPPER EGYPT																									
153	FAIYÛM								1019.6	+2.0	—	0	13.1	22	-2	7	-1	73	+8	0	6	—	1	0	6	10
154	MINYA								1020.0	+2.5	N	2	14.5	21	-2	8	0	73	+1	0	8	—	—	0	16	—
155	ASYÛT	—	N	3	21.1	34	0	7	—	—	SW	2	14.8	23	-2	8	0	60	-2	0	7	—	0	0	0	5
156	QENA								1018.6	+2.7	WNW	1	14.8	28	0	8	-2	65	+7	0	6	—	0	0	dr	—
157	LUXOR								1018.4	—	SSE	1	15.8	26	—	7	—	58	—	0	7	—	0	0	dr	—
158	ASWÂN	1014.4	NNW	4	24.5	30	0	6	1017.9	+1.1	—	0	14.2	26	-2	11	-1	55	+13	0	6	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1017.6	—	0	27.0	43	0	6	1015.5	-2.0	—	0	13.8	27	+3	6	-1	57	-8	0	6	—	0	0	28	4
149	BAHARÎYA	1017.8	NE	2	22.5	42	0	9	1019.4	—	ESE	2	16.3	23	—	7	—	59	—	0	9	—	0	0	26	—
151	KHÂRGA	1017.5	N	4	23.3	50	0	9	1019.4	+2.4	W	1	16.8	24	-3	8	0	69	+14	0	9	—	0	0	0	0
152	DÂKHLA	1017.5	NNW	2	24.0	26	0	9	1020.3	+2.7	—	0	12.9	24	-3	7	-1	49	+4	0	8	—	0	0	dr	—
	RED SEA																									
145	TÔR								1018.7	+2.7	N	2	15.6	21	-2	10	-1	53	-8	0	6	—	0	0	13	12
146	HURGHÂDA								1019.4	+3.8	NW	4	17.5	20	-4	11	0	55	+4	0	7	—	0	0	dr	0
147	QUSEIR								1017.8	+2.6	NNW	3	20.3	23	-1	16	+1	62	+20	0	7	—	0	0	1	7
169	PORT SUDAN	1011.4	E	4	36.2	—	1	—	1015.6	+1.8	N	4	22.7	24	-4	18	-1	52	-12	1	—	—	0	0	42	105
	NORTH SUDAN																									
165	WÂDI HALFA	1016.8	N	3	24	—	0	8	1019.5	+3.1	N	2	13.9	25	-4	11	+1	57	+19	0	8	—	0	—	—	—
166	KAREIMA	1013.7	NNE	4	30	—	0	7	1017.6	+3.3	ENE	1	16.8	30	-3	11	-3	45	+19	0	7	—	0	0	dr	1
167	'ATBARA	1010.8	N	3	31.0	—	0	—	1015.6	+2.7	N	3	19.7	31	-3	14	-1	27	+6	0	—	—	0	0	5	1
168	KHARTÛM	1009.2	N	3	32	—	0	8	1015.4	+3.6	N	4	18.2	33	-3	14	-3	23	+2	0	8	—	0	0	4	5
170	KASSALA	1004.6	NNE	2	33	—	0	8	1013.3	+3.0	ESE	1	18.0	34	-3	13	-5	71	+19	0	7	—	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI	1008.0	NW	3	33.9	—	0	—	1013.5	+2.0	NE	3	20.4	34	-2	15	-2	10	-15	0	—	—	0	0	56	13
173	DUEIM	—	NW	4	32.6	—	1	—																		
	RENK														—		—									
172	ROSEIRES	1006.9	WNW	2	32.7	—	1	—	1012.2	+2.2	NNW	4	23.4	38	0	18	0	59	+28	0	—	—	2	0	3	38
174	EL OBEID	1008.4	NNE	3	31	—	0	8	1014.0	+0.7	NE	3	18.8	32	-2	15	+1	24	+1	0	8	—	0	0	23	19
175	EL FÂSHER	1015.1	NW	1	32.5	—	0	—	1014.7	+3.3	S	3	20.0	34	+1	14	+2	25	+1	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL	1007.8	ENE	2	36	—	3	8																		
177	WÂU	1010.0	NW	3	38.8	—	0	—	—	—	N	2	24.4	37	0	21	+1	54	+11	1	—	—	2	0	201	154
178	JÛBA	1008.8	NE	6	32	—	3	8	1011.6	+1.8	SE	3	24.9	39	+2	19	-2	68	+10	2	8	Sc	1	0	161	148
179	Geneina	—	ENE	2	33	—	2	8	—	—	NE	3	17.9	45	—	16	—	20	—	2	8	Ci	0	0	—	—
180	Gallabat	—	NE	3	36.0	—	0	—	—	—	N	2	23.4	37	—	18	—	45	—	0	—	—	0	0	—	—

Upper Wind Observations on 1st ارصاد الرياح العليا يوم ١

Dir. = E. of N.; Kms. = Kms. per hour

Height metres above M.S.L.	Salum 07 h. 00 m. Dir.	Kms.	Matruh 07 h. 00 m. Dir.	Kms.	Almaza 08 h. 30 m. Dir.	Kms.	Cairo 08 h. 30 m. Dir.	Kms.	Helwan 08 h. 45 m. Dir.	Kms.	Asyut 07 h. 00 m. Dir.	Kms.	Aswan 07 h. 00 m. Dir.	Kms.	W. Halfa 06 h. 00 m. Dir.	Kms.	Kareima 06 h. 00 m. Dir.	Kms.	Khartum 06 h. 00 m. Dir.	Kms.	Geneina 07 h. 00 m. Dir.	Kms.	Kassala 06 h. 00 m. Dir.	Kms.	El Obeid 06 h. 00 m. Dir.	Kms.	Juba 07 h. 00 m. Dir.	Kms.	Abukir R.A.F. 07 h. 00 m. Dir.	Kms.
200	180	40	180	72	240	8	220	1	300	5	—	—	—	—	20	31	—	—	—	—	—	—	—	—	—	—	—	—	130	24
500	—	—	190	39	90	17	130	10	100	12	20	19	30	31	20	50	20	39	10	53	—	—	40	11	—	—	—	—	160	10
1000	210	57	170	21	40	9	40	8	30	11	340	28	50	30	20	37	20	50	20	35	70	48	10	24	30	63	20	18	310	3
1500			180	12	0	5	30	7	350	10	340	14	20	22	0	32	30	27	350	19	100	34	350	8	50	37	60	14	330	21
2000			240	30	350	15	350	17	40	7	220	5			350	21	40	16	320	24	170	34	240	18	320	8	80	27	340	40
3000			280	39	260	21	210	11	210	8					310	21			310	16	250	24	300	39	280	27	120	55	280	21
4000									260	37													260	74					260	31
5000																							260	71					260	31
6000																													260	31

Forecast for 24 hours from noon on 1st

On the coast moderte southerly winds strengthening. Inland light variable winds becoming moderate southeast later. Some high clouds increasing. Becoming warmer.
Further outlook: Mild khamsin conditions.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١
رياح معتدلة جنوبية على السواحل تصير شديدة
ورياح خفيفة مختلفة الاتجاه تتحول الى الجنوب وتعتدل في الداخل
تظهر بعض السحاب العالي ثم تتكاثر
وتزداد حرارة الجو ثم يتحول الى خماسين معتدل فيما بعد

STATION	Mean of day Humidity % on 28-2	Diff. from normal	Wet Bulb Temp. °C on 28-2	Diff. from normal
Alexandria	73	+9	14.4	+2.4
Ezbekiya	72	+12	13.0	+1.2
Gîza	74	+11	12.9	+1.5
Helwân	66	+7	11.7	+1.7

Gîza Grass minimum on 1st 1.4 °C

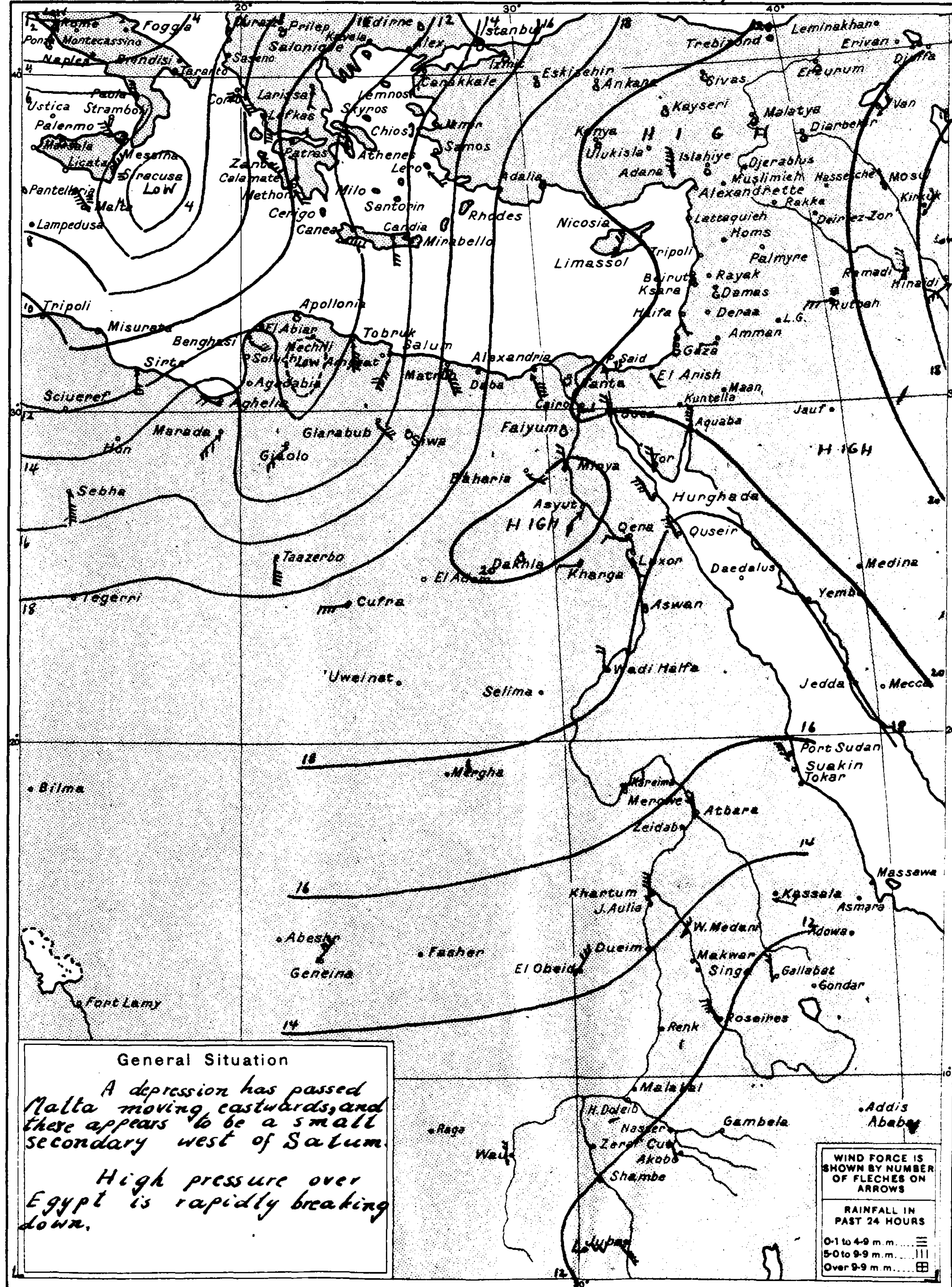
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
1.3	870	906
28.2	870	893

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28.2	13.12	-0.17	13.14	-0.15
Nâsser	28.2	5.22	+0.10	5.27	+0.17
Malakâl	1.3	10.22	-0.12	10.22	-0.13
Roseires	1.3	12.01	+0.47	12.03	+0.47
Sennâr Res.	28.2	20.03	—	20.11	—
Khartûm	28.2	10.26	-0.12	10.20	-0.17
Kh. el Girba					
'Atbara	1.3	9.90	-0.24	9.92	-0.23
Kajnarti	1.3	132.09	-0.46	132.12	-0.47
Wâdi Halfa					
Aswân Res.	1.3	119.64	—	119.67	—
,, D. S.	1.3	85.60	-0.31	85.70	-0.33
El L[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rôda[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Printed by the Survey of Egypt, 1936. (36/530)

Pressure and Wind at 8h. 1-3-1937 ١٩٣٧-٣-١



General Situation

A depression has passed Malta moving eastwards, and there appears to be a small secondary west of Salum.

High pressure over Egypt is rapidly breaking down.

STATION	At 8h. on 28-2-1937 (الساعة ٨ يوم ٢٨-٢-١٩٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1019	+4	NNW	2	13	—	—	—	—	—	—	0	—	—	—	0	—	381	ليماسول
Haifa	1020.0	+5.4	SSE	1	15.9	20		11	+2	71	+8	0	—	—	—	0	546	598	حيفا
Gaza	1018.6	+3.2	—	0	14.2	20	0	7	-2	85	+12	0	9	—	0	0	360	340	غزة
Dakhla	1019.6	+1.9	—	0	14.6	25	-1	10	+2	44	-1	0	9	—	0	0	dr	—	الداخلة
Ships	23351	—	23306	—	10602	—	11860	—	60314	—	43515								سفن

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

CAIRO
Time of sunrise h. m. 06 20
sunset h. m. 17 55

Month March 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

No.	STATION	At 14h. on 1st (الساعة ١٤ يوم ١) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Tuesday 2nd (الساعة ٨ يوم الثلاثاء ٢) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1010.7	SW	6	27.0	18	0	5	1005.1	-12.2	W	7	15.2	28	—	15	—	57	—	6	1	—	3	0	87	—
131	MATRÛH	1014.3	SSE	4	25.1	23	0	6	1005.4	-11.7	S	5	18.4	26	+7	11	+2	25	.50	7	2	—	3	0	143	141
150	DIKHEILA																									
132	ALEXANDRIA	1017.2	SSW	1	23.8	33	0	9	1010.6	-6.2	SSE	5	14.4	25	+5	12	0	53	-19	0	9	—	0	0	161	174
	DAMIETTA								1012.7	—	SW	2	16.5	22	—	13	—	69	—	0	—	—	—	0	63	101
134	PORT SAÏD	1018.4	ENE	3	20.5	60	1	7	1013.1	-2.2	ESE	3	16.9	27	+1	13	+1	54	-19	0	7	—	0	0	34	63
135	EL 'ARÎSH	1017.8	NNE	3	17.4	69	0	6	1013.8	—	—	0	16.0	19	—	7	—	62	—	0	6	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1011.9	-4.4	S	3	11.9	25	+3	10	+2	66	-13	0	6	—	0	0	68	93
137	MANSÛRA								1011.9	—	SE	1	12.3	24	+2	9	+1	71	-6	0	7	—	1	0	26	43
138	TANTA								1012.3	-4.7	SSW	2	14.0	24	+1	7	-1	62	-15	0	7	—	0	0	33	35
139	ZAGÂZÎG								1013.0	—	SSW	1	16.2	23	+1	8	+1	55	-22	2	7	—	0	0	12	21
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1017.2	N	2	23.6	48	0	9	1012.4	—	SSE	4	19.7	24	—	10	—	22	—	0	7	—	0	0	—	—
	CAIRO EZBEKÎYA	1016.6	N	1	23.6	28	0	8	1012.2	-4.7	SSW	5	12.1	24	+1	10	+1	54	-19	0	5	—	0	0	9	23
	CAIRO GÎZA	1016.3	NE	1	24.0	29	0	5	1012.3	-5.4	S	1	12.9	25	+3	7	0	52	-21	0	5	—	0	0	12	21
143	HELWÂN	1016.4	NW	2	22.0	18	0	7	1013.1	-4.1	SSE	2	12.8	23	+1	12	+2	49	-16	0	7	—	0	0	14	24
144	SUEZ								1014.4	-2.5	SE	2	14.0	23	+1	10	-1	62	-11	0	—	—	—	0	12	17
	UPPER EGYPT																									
153	FAIYÛM								1014.2	-3.4	SSW	1	12.9	25	+1	8	0	47	-18	0	6	—	1	0	6	10
154	MINYA								1014.8	-2.6	SW	3	15.0	23	0	9	+1	52	-20	0	—	—	—	0	16	—
155	ASYÛT	1014.4	NE	2	22.6	21	0	7	1015.5	-2.2	ESE	3	14.0	26	+1	7	-2	42	-20	0	7	—	0	0	0	5
156	QENA								1016.4	+0.6	N	1	13.0	27	-2	6	-4	39	-18	0	6	—	0	0	dr	—
157	LUXOR								1015.6	—	E	2	15.3	28	—	5	—	60	—	0	7	—	0	0	dr	—
158	ASWÂN	1014.6	—	0	26.6	33	0	6	1015.0	-1.7	—	0	15.0	27	-1	11	-1	39	-3	0	6	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1012.8	S	1	30.7	46	0	6	1008.0	[illegible]	[illegible]SW	4	19.9	32	+8	10	+3	62	-3	0	6	—	0	0	28	4
149	BAHARÎYA	1016.4	S	1	25.2	35	0	9	1013.5	[illegible]	SW	1	18.2	26	—	8	—	45	—	0	9	—	0	0	26	—
151	KHÂRGA	1016.6	NE	1	24.5	49	0	9	1016.6	[illegible]	SE	1	11.4	25	-2	6	-3	59	+5	0	9	—	0	0	0	0
152	DÂKHLA	1016.7	—	0	26.1	23	0	8	1016.7	[illegible]	—	0	13.0	27	0	7	-1	35	-10	0	9	—	0	0	dr	—
	RED SEA																									
145	TÔR								1014.6	-1.3	—	0	16.0	23	0	10	-1	50	-11	0	6	—	0	0	13	12
146	HURGHÂDA								1014.7	[illegible]	W	3	20.0	23	-1	10	-1	40	-11	0	8	—	0	0	dr	0
147	QUSEIR								1015.6	+0.3	W	2	21.5	24	0	15	0	65	+23	0	7	—	0	0	1	7
169	PORT SUDAN								1013.6	-0.1	N	4	23.0	25	-3	16	-3	44	-21	0	—	—	0	0	42	105
	NORTH SUDAN																									
165	WÂDI HALFA	1016.4	N	2	23	—	0	8	1016.9	+0.5	NNW	1	12.7	25	-4	7	-4	35	-3	0	8	—	0	—	—	—
166	KAREIMA	—	NNE	1	26	—	0	8	1014.9	+0.7	—	0	17.1	28	-5	13	-2	26	0	0	8	—	0	0	dr	1
167	'ATBARA	1010.3	NE	3	28.7	17	0	—	1013.1	+0.3	N	2	19.0	29	-5	14	-2	28	+8	0	—	—	0	0	5	1
168	KHARTÛM	1010.2	NNW	2	31	—	0	8	1013.0	+1.2	N	3	16.3	33	-3	12	-5	32	+11	0	8	—	0	0	4	5
170	KASSALA	1006.8	S	2	32	—	0	8	1011.4	+1.2	SE	1	18.8	33	-4	11	-8	54	+3	0	8	—	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI	1009.6	NW	4	32.4	10	0	—	1012.3	+0.9	N	3	20.2	33	-4	12	-5	10	-15	0	—	—	0	0	56	13
173	DUEIM	1010.2	N	4	31.4	10	0	—	—	—	W	4	18.4	32	-4	14	-2	47	+25	0	—	—	0	0	21	12
	RENK																									
172	ROSEIRES	1009.5	WNW	3	30.3	20	0	—	1013.0	+3.0	NNW	2	20.4	37	-1	14	-4	29	-1	0	—	—	2	0	3	38
174	EL OBEID	1009.5	NNW	2	29	—	0	8	1013.5	+0.3	NNW	2	16.0	32	-2	12	-2	32	+9	1	8	Cs	0	0	23	19
175	EL FÂSHER	1014.2	ENE	1	—	10	0	—	1014.2	+2.9	WNW	2	17.2	34	+1	12	0	33	+9	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL	1006.2	NNE	2	36	—	2	7	1010.3	+0.5	NNE	4	23.8	37	-1	19	-1	18	-4	4	8	Ci	2	0	81	93
177	WÂU	1009.5	NW	3	36.0	21	1	—	—	—	NNW	3	22.8	37	0	19	-1	35	-8	1	—	—	1	0	201	155
178	JÛBA	1005.1	—	3	36	—	4	7	1011.5	+1.7	NNE	1	22.0	37	0	17	-4	66	+8	4	7	Cs	1	0	161	149
179	Geneina	—	E	1	32	—	1	8	—	—	ENE	3	17.2	43	—	16	—	26	—	2	8	Ci	0	0	—	—
180	Gallabat	—	NW	3	34.8	50	0	—	—	—	—	0	24.0	35	—	16	—	48	—	0	—	—	0	0	—	—

Upper Wind Observations on 2nd
ارصاد الرياح العليا يوم ٢

Height metres above M.S.L.	Salum 07h.00m Dir. E.of N.	Kms per hour	Almaza 08h.15m Dir.	Kms	Cairo 08h.30m Dir.	Kms	Helwan 09h.00m Dir.	Kms	Asyut 07h.00m Dir.	Kms	Aswan 07h.00m Dir.	Kms	W.Halfa 06h.00m Dir.	Kms	Kareima 06h.00m Dir.	Kms	Khartum 06h.00m Dir.	Kms	Geneina 07h.00m Dir.	Kms	Kassala 07h.00m Dir.	Kms	El Obeid 06h.00m Dir.	Kms	Malakal 06h.00m Dir.	Kms	Juba 07h.00m Dir.	Kms	Salum 1st 13h.00m Dir.	Kms
200	250	36	190	42	190	55	170	16	—	—	—	—	20	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	250	45
500	260	84	200	44	200	78	190	46	150	19	30	17	20	34	20	31	10	43	—	—	90	5	—	—	20	45	70	32		
1000	250	96	180	29	190	24	180	49	70	18	40	17	20	24	0	18	20	37	60	50	30	18	20	48	20	74	100	26		
1500	240	78	170	14			190	33	50	25	220	7	110	11	60	18	330	27	90	23	60	5	0	26	10	40	90	37		
2000							270	24					350	14	0	14	310	21	200	14			320	37	0	27	90	27		
3000							290	38					310	26	320	26							320	47	350	53				
4000							300	60							320	29									330	32				
5000															300	50														
6000																														

Forecast for 24 hours from noon on 2nd

On the coast strong southerly winds, veering to southwest or west, at times of gale force.

Inland fresh to strong southeast to southwest winds. Rain near the coast probable tomorrow. Changeable.

Further outlook: Becoming cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢
رياح شديدة جنوبية ثم تتحول الى جنوبية غربية او غربية
وتصل شدتها للعاصفة احيانا على الساحل
ورياح بين المنعشة والشديدة جنوبية شرقية وجنوبية غربية في الداخل
يحتمل تساقط مطر بالقرب من الساحل غدا. الطقس متقلب
وقبلا بعد يميل الى البرودة

STATION	Mean of day Humidity % on 1st	Diff. from normal	Wet Bulb Temp. °C on 1st	Diff. from normal
Alexandria	77	+12	13.4	+1.3
Ezbekiya	67	+8	12.0	+0.1
Giza	72	+10	11.8	+0.4
Helwân	50	+2	10.0	0.0

Giza grass minimum on 2nd 2.6 °C

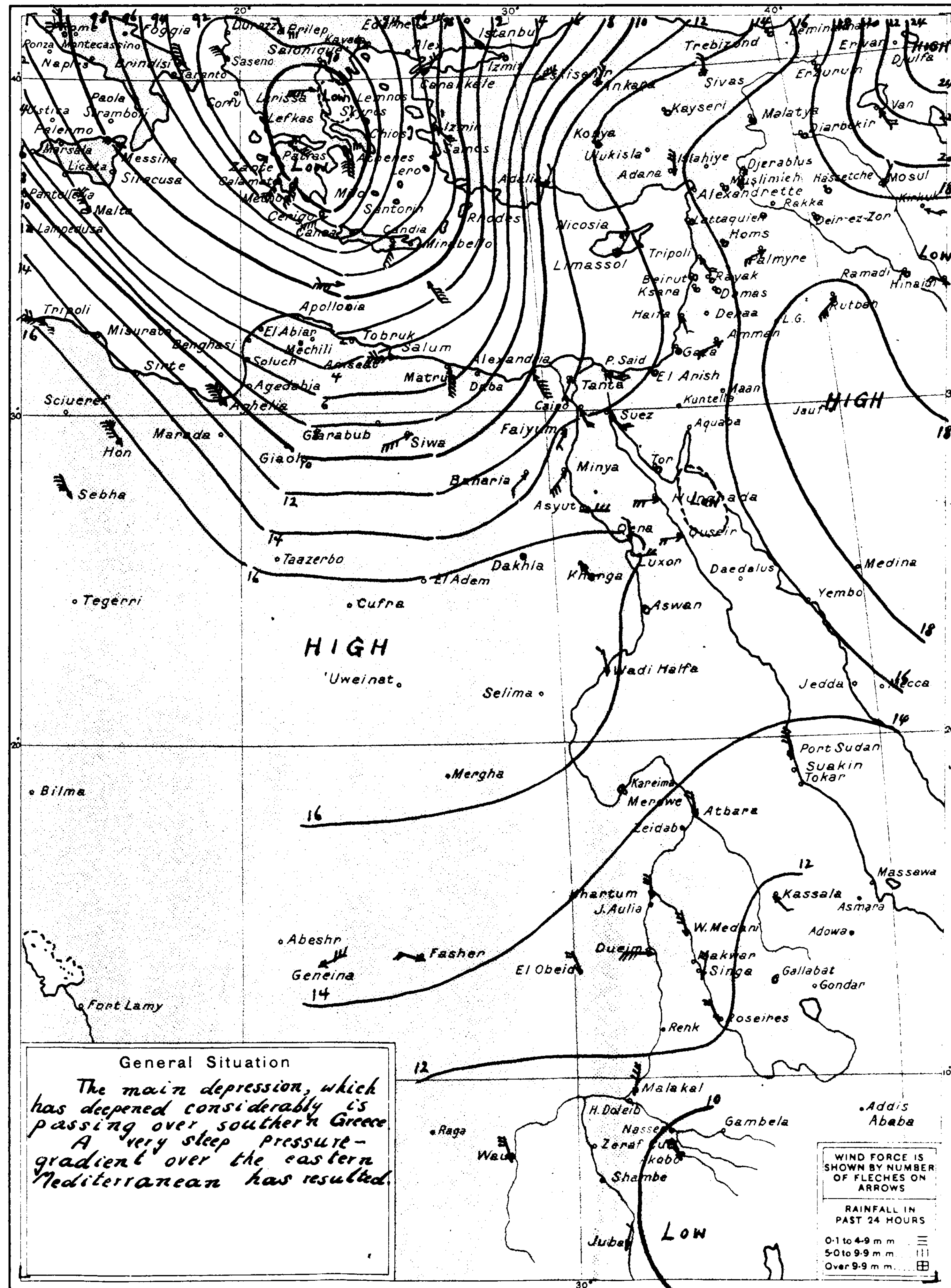
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
23	869	905
1.3	870	906

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from Normal m.
Jûba	1.3	13.13	-0.16	13.12	-0.17
Nâsser	1.3	5.22	+0.11	5.22	+0.10
Malakâl	2.3	10.22	-0.11	10.22	-0.12
Roseires	2.3	12.00	+0.47	12.01	+0.47
Sennâr Res.	1.3	20.00	—	20.05	—
Khartûm	1.3	10.27	-0.11	10.26	-0.12
Kh. el Girba					
'Atbara	1.3	9.90	-0.24	9.92	-0.23
Kajnarti	1.3	132.09	-0.46	132.12	-0.47
Wâdi Halfa					
Aswân Res.	2.3	119.58	—	119.64	—
" D. S.	2.3	85.29	-0.31	85.60	-0.31
El Leisi	2.3	17.50	+0.09	17.50	+0.06
Roda (Cairo)	2.3	15.70	+0.11	[illegible]	[illegible]

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧-٣-٢ Pressure and Wind at 8 h. 2-3-1937



General Situation

The main depression, which has deepened considerably is passing over southern Greece. A very steep pressure-gradient over the eastern Mediterranean has resulted.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m m
5·0 to 9·9 m m
Over 9·9 m m

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 1-3-1937 الساعة ٨ يوم ١-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1019	+4	NE	2	14	1	—	—	—	—	—	0	—	—	—	0	—	381	ليماسول
Haifa	1020.0	+5.6	SSE	1	17.2	22	+1	11	+2	63	0	0	—	—	—	0	545	601	حيفا
Gaza	1014.5	+4.2	—	0	11.9	20	0	7	-2	91	+18	0	9	—	0	0	360	343	غزه

Ships (سفينة)										
33339	—	23206	—	23614	—	09859	—	63685	—	x615x
33339	—	26606	—	11681	—	10762	—	67343	—	4040x
23344	—	25012	—	10601	—	12865	—	64202	—	33200.

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise h. 6 m. 18

sunset h. 17 m. 55

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٧ -٣-٣ Pressure and Wind at 8 h. 3-3-1937

1417 F.C.

At 14h. on 2nd الساعة ١٤ يوم ٢

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN: SALŪM	1008.3	W	8	17.8	29	7	0
131	MATRŪH	1008.3	WNW	6	17.6	46	6	2
150	DIKHEILA							
132	ALEXANDRIA	1006.6	SW	7	23.0	40	7	0
	DAMIETTA							
134	PORT SAÏD	1008.7	SSE	5	28.7	22	1	7
135	EL 'ARÎSH	1009.6	SSW	2	29.0	17	0	6
136	LOWER EGYPT: DAMANHŪR							
137	MANSŪRA							
138	ṬANTA							
139	ZAGĀZĪG							
141	MIDDLE EGYPT, CAIRO: ALMĀZA							
	EZBEKĪYA	1008.8	SSW	5	27.7	19	6	7
	GĪZA	1008.7	S	2	27.0	18	0	6
143	HELWĀN	1007.8	SSW	6	25.3	13	7	7
144	SUEZ							
153	UPPER EGYPT: FAIYŪM	1010.0	SSE	3	26.8	21	0	8
154	MINYA							
155	ASYŪṬ	1012.2	SE	2	25.6	27	0	7
156	QENA							
157	LUXOR							
158	ASWĀN	1012.2	—	0	29.5	27	0	6
148	WESTERN DESERT: SĪWA	1012.3	NNW	3	22.0	56	0	5
149	BAḤARĪYA	1010.2	SW	7	30.2	20	0	4
151	KHĀRGA	1012.7	—	0	26.0	45	0	9
152	DĀKHLA	1013.3	SW	1	30.1	12	0	9
145	RED SEA: ṬŌR							
146	HURGHĀDA							
147	QUSEIR							
167	PORT SUDAN	1011.4	NE	5	26.0	40	0	—
165	NORTH SUDAN: WĀDI HALFA							
166	KAREIMA	1012.1	—	0	28	—	0	8
167	'ATBARA	1008.6	NW	2	28.0	10	0	—
168	KHARṬŪM	1008.2	NNW	3	—	—	1	8
170	KASSALA							
171	CENTRAL SUDAN: WAD MEDANI	1008.3	N	3	31.6	—	0	—
173	DUEIM	1008.8	NE	3	31.4	10	0	—
	RENK							
172	ROSEIRES	1008.4	NW	2	29.8	21	0	—
174	EL OBEID							
175	EL FĀSHER	1013.4	NNW	1	32.0	10	0	—
176	S. SUDAN: MALAKĀL	1005.0	N	3	37	—	2	8
177	WĀU	1009.1	N	3	36.3	11	1	—
178	JŪBA	1006.8	NNW	3	36	—	4	7
179	Gencina	—	NE	3	32	—	0	8
180	Gallabat	—	N	3	34.0	40	0	—

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

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALŪM	1015.1	-2.1	W	5	8.8	27	—	7	—	76	—	0	4	—	3	0	87	—
131	MATRŪH	1013.9	-3.2	WSW	4	11.2	21	+2	9	0	59	-16	0	6	—	0	0	143	142
150	DIKHEILA							—		—		—							
132	ALEXANDRIA	1013.9	-2.8	W	6	15.1	27	+6	14	+2	59	-13	0	8	—	0	0	161	175
	DAMIETTA	1013.5	—	SSW	2	12.8	27	—	8		74	—	2	—	—	—	0	63	101
134	PORT SAÏD	1014.3	-0.9	WSW	4	15.0	29	+9	14	+2	60	-13	2	7	Sc	1	0	34	64
135	EL 'ARÎSH	1014.2	—	SSW	2	15.4	29		13	—	47	—	2	5	Cb	1	0	—	—
136	LOWER EGYPT: DAMANHŪR	1014.6	-1.7	SW	4	12.0	28	+6	9	+1	68	-11	1	6	—	3	0	68	93
137	MANSŪRA	1013.6	—	SW	1	12.1	27	+5	9	+1	74	-3	1	6	—	1	0	26	43
138	ṬANTA	1014.3	-2.7	SW	2	12.2	28	+5	8	0	74	-3	2	7	—	3	0	33	35
139	ZAGĀZĪG	1015.2	—	SW	3	13.9	27	+4	9	+2	65	-12	2	6			0	12	21
141	MIDDLE EGYPT, CAIRO: ALMĀZA							—		—		—							—
	EZBEKĪYA	1015.0	-1.8	WSW	1	13.9	28	+5	10	+1	55	-18	6	4	Ci	1	0	9	23
	GĪZA	1015.2	-2.5	SW	1	14.0	28	+6	9	+2	56	-17	6	4	Cs	1	0	12	21
143	HELWĀN	1015.5	-1.6	—	0	15.2	27	+5	11	+1	54	-11	6	4	—	3	0	14	27
144	SUEZ	1014.7	-2.2	—	0	15.8	23	+1	12	+1	61	-12	4	—	—	—	0	12	18
153	UPPER EGYPT: FAIYŪM	1016.3	-1.2	SSW	1	14.2	28	+4	9	+1	53	-12	4	5	As	2	0	6	10
154	MINYA	1017.4	+0.2	NW	3	15.5	27	+3	11	+3	54	-18	0	5	—	—	0	16	—
155	ASYŪṬ	1016.6	-1.0	WSW	3	13.2	27	+2	10	+1	53	-9	0	4	—	0	0	0	5
156	QENA	1015.1	-0.6	WNW	1	16.0	29	0	7	-3	53	-4	0	6	—	0	0	4	—
157	LUXOR	1015.1	—	ENE	1	15.2	25	—	6	—	50	—	0	7	—	0	0	4	—
158	ASWĀN	1014.2	-2.4	—	0	15.4	31	+2	11	-1	55	+13	0	6	—	0	0	1	—
148	WESTERN DESERT: SĪWA	1018.8	+1.4	—	0	10.8	22	-2	6	-1	83	+18	0	6	—	0	0	28	4
149	BAḤARĪYA	1017.5	—	WNW	2	13.1	31	—	10	—	51	—	0	5	—	3	0	26	—
151	KHĀRGA	1016.3	-0.6	—	0	16.3	27	0	9	0	59	+5	0	9	—	0	0	0	0
152	DĀKHLA	1017.1	-0.3	NW	4	14.9	31	+4	12	+4	30	-15	6	3	—	3	0	4	—
145	RED SEA: ṬŌR	1013.4	-2.4	—	0	22.0	24	+1	14	+3	29	-32	0	6	—	0	0	13	12
146	HURGHĀDA	1013.1	-2.4	WNW	1	20.2	25	+1	11	0	57	+6	0	7	—	0	0	4	0
147	QUSEIR	1013.6	-1.4	WSW	1	21.6	25	+1	14	-2	62	+20	0	7	—	0	0	1	7
167	PORT SUDAN	1013.3	-0.4	NW	3	23.2	27	-1	16	-3	55	-10	1	—	—	0	0	42	105
165	NORTH SUDAN: WĀDI HALFA	1016.3	0.0	SSE	1	12.6	26	-3	7	-4	35	-3	0	8	—	0	—	—	—
166	KAREIMA	1013.7	-0.4	N	1	18.0	29	-4	12	-3	20	-5	1	8	Ci	0	0	4	1
167	'ATBARA	1012.4	-0.4	N	3	20.2	30	-4	14	-2	27	+7	0	—	—	0	0	5	1
168	KHARṬŪM	1011.7	0.0	N	2	19.5	33	-3	19	+1	30	+7	1	8	Ci	0	0	4	5
170	KASSALA	1010.6	+0.4	ESE	1	28.6	34	-3	13	-6	57	+6	0	7	—	0	0	4	11
171	CENTRAL SUDAN: WAD MEDANI	1010.2	-1.1	NE	3	21.4	33	-4	14	-3	14	-11	0	—	—	0	0	56	13
173	DUEIM	—	—	N	3	21.4	33	-3	13	-3	9	-13	0	—	—	0	0	21	12
	RENK							—		—		—							
172	ROSEIRES	—	—	NNW	2	19.7	36	-2	13	-5	22	-8	0	—	—	0	0	3	38
174	EL OBEID																0		
175	EL FĀSHER	1014.0	+2.7	NW	2	15.9	34	+1	10	-3	37	+13	0	—	—	—	0	0	8
176	S. SUDAN: MALAKĀL	1009.8	+0.1	NNE	3	23.0	38	0	14	-1	23	+1	4	8	Ci	2	0	81	94
177	WĀU	—	—	N	3	23.7	38	0	19	-1	31	-13	1	—	—	1	0	201	156
178	JŪBA	1011.2	+1.4	NE	1	22.0	38	+1	18	-3	43	-16	4	6	Cs, Ac	1	0	161	150
179	Gencina	—	—	E	1	16.3	35	—	16	—	32	—	2	8	Ci	0	0	—	—
180	Gallabat	—	—	—	0	22.0	35	—	18	—	52	—	0	—	—	0	0	—	—

Upper Wind Observations on 3rd ارصاد الرياح العليا يوم ٣

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E of N.	Kms. per hour	Matruh 07 h. 00 m. Dir. E of N.	Kms. per hour	Cairo 07 h. 45 m. Dir. E of N.	Kms. per hour	Heliopolis 08 h. 45 m. Dir. E of N.	Kms. per hour	Asyut 07 h. 00 m. Dir. E of N.	Kms. per hour	Aswan 07 h. 00 m. Dir. E of N.	Kms. per hour	Wadi Halfa 07 h. 00 m. Dir. E of N.	Kms. per hour	Kareima 06 h. 00 m. Dir. E of N.	Kms. per hour	Khartum 04 h. 00 m. Dir. E of N.	Kms. per hour	Sennar 07 h. 00 m. Dir. E of N.	Kms. per hour
200	250	28	260	61	230	18	190	7	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	280	58	260	20	230	23	330	33	20	5	50	34	30	43	10	60	—	—
1000	300	36			280	37	270	32	320	26	350	22	70	19	40	31	20	34	0	53
1500							260	35			350	43	60	14	40	14	30	29	70	37
2000													10	8	30	24	30	32	140	40
3000															350	31			300	43
4000																			290	64
5000																				
6000																				

Height metres above M.S.L.	Sennar 07 h. 00 m. Dir. E of N.	Kms. per hour	Kassala 07 h. 00 m. Dir. E of N.	Kms. per hour	El Obeid 06 h. 00 m. Dir. E of N.	Kms. per hour	Malakal 06 h. 00 m. Dir. E of N.	Kms. per hour	Juba 06 h. 00 m. Dir. E of N.	Kms. per hour	Ismailia 07 h. 00 m. Dir. E of N.	Kms. per hour
200	—	—	—	—	—	—	—	—	—	—	250	31
500	—	—	—	—	—	—	—	—	—	—	260	24
1000	20	43	30	23	20	43	20	58	50	27	270	29
1500	20	23	350	35	80	56	270	37				
2000	340	34	330	42	90	48	300	31				
3000	330	31	310	43	90	34						
4000			300	31								
5000												
6000												

Forecast for 24 hours from noon on 3rd

Westerly winds, strong to gale on the coast, fresh to strong inland, moderating tomorrow.

Some low cloud later.

Rain near the coast; possibly scattered showers inland tomorrow.

Becoming cooler.

تغيرات الطقس المنظرة فى ٢٤ ساعة من ظهر ٣
رياح غربية شديدة الى عاصفة على الساحل وما يليه
النسبية والشديدة فى الداخل تعتدل غدا
يظهر بعض السحاب المنخفضة
وتمطر بالقرب من الساحل ويحتمل أن تمطر فى الداخل متفرقة
ويبرد الجو

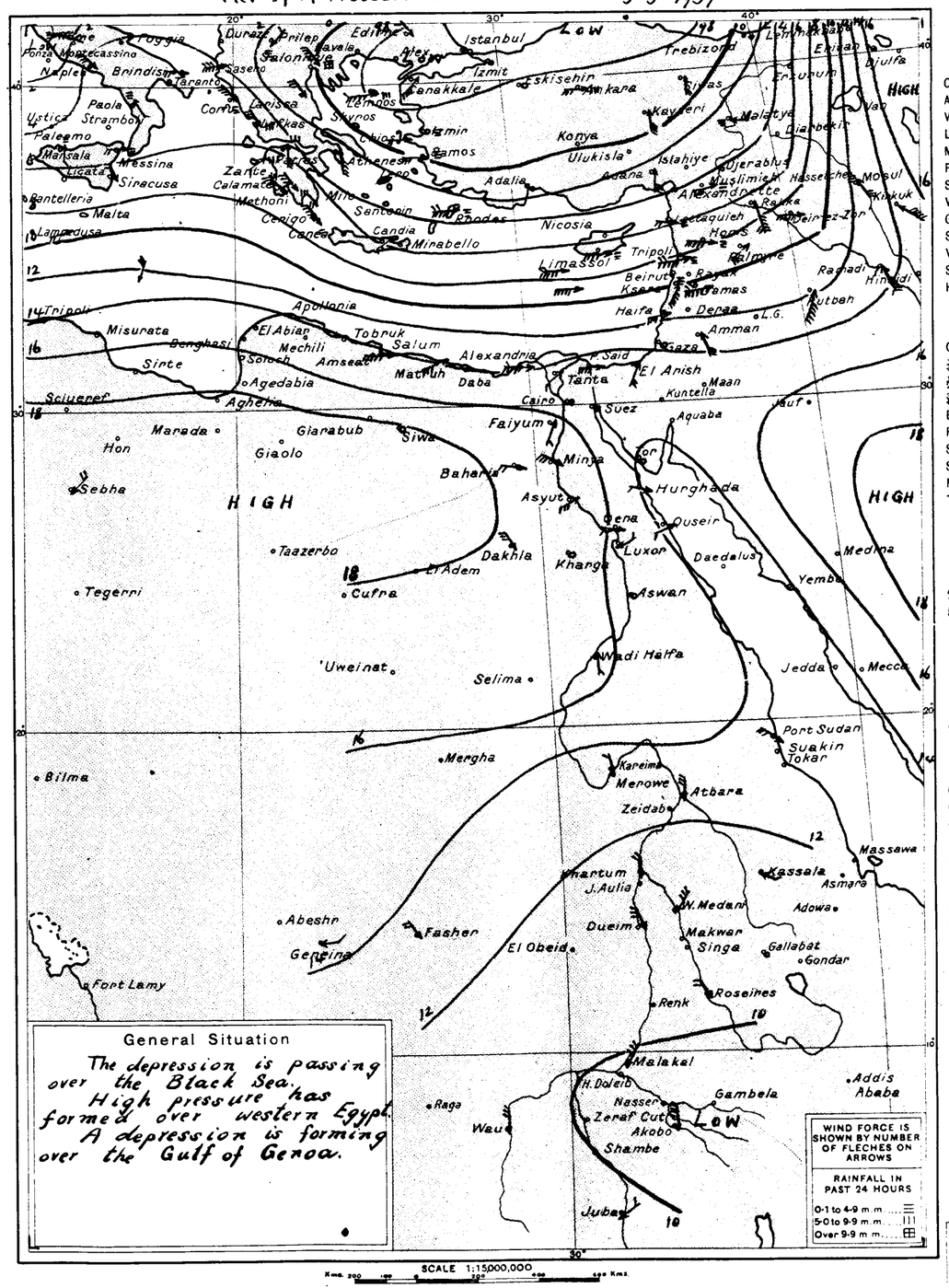
STATION	Mean of day: Humidity % on 2nd	Humidity Diff. from normal	Wet Bulb Temp. °C on 2nd	Wet Bulb Temp. Diff. from normal
Alexandria	52	-13	12.5	+0.4
Ezbekiya	61	+2	12.3	+0.4
Gīza	47	-15	11.7	+0.2
Helwān	44	-4	11.1	+1.0

Gīza Grass minimum on 2nd 5.3 °C

Discharges at Aswān measured by sluices m.³ per sec.

DATE	1937	1936
3.3	868	905
2.3	864	705

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	2.3	13.12	-0.16	13.13	-0.16
Nāsser	2.3	8.20	+0.09	8.22	+0.11
Malakāl	3.3	10.21	-0.11	10.22	-0.11
Roseires	3.3	12.00	+0.48	12.00	+0.47
Sennār Res.	2.3	19.94	—	20.00	—
Khartūm	2.3	10.23	-0.15	10.27	-0.11
Kh. el Girba					
'Atbara	2.3	7.92	-0.22	7.90	-0.24
Kajnarti	2.3	132.05	-0.47	132.09	-0.46
Wādi Halfa					
Aswān Res.					
" D. S.	3.3	119.34	—	119.38	—
	3.3	85.39	-0.06	85.57	-0.31
El Leisi	3.3	17.30	+0.11	17.30	+0.09
Rōda (Cairo)	3.3	16.70	+0.11	16.70	+0.11



General Situation

The depression is passing over the Black Sea.
High pressure has formed over western Egypt.
A depression is forming over the Gulf of Genoa.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 2-3-1937 الساعة ٨ يوم ٢-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum To day °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1013	-2	NE	3	14	—	—	—	—	—	—	0	—	—	—	0	—	382	ليماسول
Haifa	1014.2	-0.1	SSE	1	15.1	20	-1	10	+1	69	+6	0	—	—	—	0	345	602	حيفا
Gaza	1014.4	-0.8	—	0	12.9	21	+1	7	-2	76	+4	0	9	—	0	0	360	344	غزه
Ships	43336	—	31206	—	24525	—	08914	—	33824	—	86884	—	64700						
	43338	—	30606	—	24714	—	09813	—	33675	—	87685	—	63112						

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
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CAIRO

Time of sunrise h. 06 m. 17

sunset h. 17 m. 56

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on *3rd* — الساعة ١٤ يوم ٣ ; At 8h. on *Thursday 4th* — الساعة ٨ يوم الخميس ٤

No.	STATION	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN SALÛM	1014.7	WNW	6	18.6	34	1	7	1015.5	-1.7	SW	6	13.0	20	—	9	—	87	—	0	5	—	0	0	87	—
	MATRÛH	1013.9	WNW	6	16.4	49	1	6	1015.9	-1.2	SSW	3	12.9	17	-2	9	-1	30	-45	0	6	—	0	0	143	142
	DIKHEILA														—		—									—
	ALEXANDRIA	1014.2	W	7	17.0	59	0	9	1017.6	+1.0	S	2	13.4	19	-2	11	-1	62	-10	0	8	—	0	0	161	175
	DAMIETTA								1017.2	—	S	3	13.0	20	—	8	—	80	—	0	—	—	—	0	63	101
140	PORT SAÏD	1013.8	SW	5	19.9	37	0	7	1018.2	+3.1	SW	4	14.0	21	+1	12	0	73	0	0	7	—	0	0	34	64
135	EL 'ARÎSH	1014.2	WNW	3	18.5	50	1	5	1017.5	—	WSW	2	15.8	19	—	11	—	66	—	0	6	—	1	0	—	—
136	LOWER EGYPT DAMANHÛR								1018.3	+2.1	SSW	3	12.0	20	-2	9	+1	74	-5	0	6	—	1	0	68	94
137	MANSÛRA								1017.8	—	SW	2	12.0	20	-2	7	-1	74	-3	0	7	—	1	0	26	43
138	TANTA								1018.2	+1.2	—	0	13.0	20	-3	6	-2	75	-2	0	7	—	1	0	33	35
139	ZAGÂZIG								1019.1	—	SW	3	13.3	21	-2	6	-1	65	-12	1	8	—	—	0	12	22
141	MIDDLE EG. CAIRO ALMÂZA														—		—		—							—
	EZBEKÎYA	1014.8	WSW	4	20.6	27	0	9	1018.3	+1.6	SE	2	11.9	21	+2	9	-1	57	-16	0	5	—	0	0	9	24
	GÎZA	1014.6	NW	2	20.5	24	0	6	1018.4	+0.8	SSE	2	12.4	21	-1	6	-1	68	-5	0	5	—	0	0	12	21
143	HELWÂN	1015.1	W	5	18.7	24	0	7	1019.2	+2.2	ESE	1	11.7	20	-2	7	-3	46	-19	0	6	—	1	0	14	25
144	SUEZ								1018.7	+1.9	E	1	14.0	22	0	10	-2	57	-16	0	—	—	—	0	12	18
153	UPPER EGYPT FAIYÛM	1015.8	WNW	3	19.7	33	0	8	1019.1	+1.6	S	1	14.4	22	-2	6	-2	43	-22	0	5	—	0	0	6	10
154	MINYA								1019.4	+2.1	N	2	13.2	23	-1	8	-1	56	-16	0	8	—	—	0	16	—
155	ASYÛT	1015.8	SW	3	21.0	24	0	7	1019.1	+1.6	WSW	3	13.5	22	-3	7	-2	51	-10	0	6	—	0	0	0	5
156	QENA								1017.9	+2.3	WNW	1	14.0	28	-1	8	-2	52	-5	0	6	—	0	0	dr	—
157	LUXOR								1017.5	—	SSE	1	17.2	27	—	8	—	55	—	0	7	—	0	0	dr	—
158	ASWÂN	1011.8	NW	2	30.0	19	0	6	1017.2	+0.7	—	0	14.4	32	+3	13	0	46	+5	0	6	—	0	0	1	—
148	WESTERN DESERT SÎWA	1019.4	WNW	1	19.4	70	0	6	1018.6	+1.3	—	0	9.4	21	-3	2	-5	57	-8	0	6	—	0	0	28	4
149	BAHARÎYA	1016.4	NW	3	18.1	28	0	7	1019.0	—	—	0	13.0	20	—	4	—	45	—	0	9	—	0	0	26	—
151	KHÂRGA	1015.4	N	4	25.0	54	0	9	1019.1	-2.3	—	0	12.3	26	-1	6	-3	62	+8	0	9	—	0	0	0	0
152	DÂKHLA	1016.2	NNW	5	22.2	36	0	6	1019.8	+2.5	—	0	12.2	23	-4	5	-3	46	+1	0	9	—	0	0	dr	—
145	RED SEA TÔR								1016.4	+0.6	NW	4	18.8	25	+2	11	0	24	-37	0	6	—	4	0	13	12
146	HURGHÂDA								1017.2	+1.8	WNW	4	17.8	26	+2	12	+1	49	-2	0	5	—	0	0	dr	0
147	QUSEIR								1017.2	+2.2	NNW	3	20.0	27	+3	15	-1	41	-1	0	7	—	0	0	1	7
169	PORT SUDAN	1010.6	NE	5	26.2	—	0	—	1011.5	-2.1	W	1	23.6	28	0	16	-3	31	-34	0	—	—	0	0	42	105
165	NORTH SUDAN WÂDI HALFA	1014.3	N	2	22	—	0	8	1017.5	+1.3	N	2	14.2	29	-1	13	+2	37	0	0	8	—	0	—	—	—
166	KAREIMA	1010.9	N	3	30	—	0	8	1013.7	-0.3	ENE	1	19.0	31	-3	13	-2	16	-9	0	8	—	0	0	dr	1
167	'ATBARA	1008.3	N	2	31.0	—	0	—	1013.6	+0.9	E	2	20.0	31	-3	14	-2	40	+20	0	—	—	0	0	5	1
168	KHARTÛM	1007.4	NNW	3	33	—	4	9	1012.1	+0.5	NNE	2	20.8	34	-2	14	-4	25	+4	1	8	Ci	0	0	4	5
170	KASSALA	1005.5	ESE	4	33	—	2	8	1010.6	+0.5	E	1	22.0	35	-2	16	-3	58	+7	2	8	Ci	0	0	dr	11
171	CENTRAL SUDAN WAD MEDANI	1007.9	NE	3	33.5	—	0	—	1011.0	-0.1	N	3	23.0	35	-2	16	-1	17	-7	0	—	—	0	0	56	13
173	DUEIM	—	NW	4	31.2	—	0	—	—	—	N	3	23.8	33	-4	15	-1	7	-14	0	—	—	0	0	21	12
	RENK									—					—		—		—							
172	ROSEIRES	—	WNW	2	30.2	—	0	—	—	—	NW	2	20.8	37	-1	15	-3	30	0	0	—	—	0	0	3	38
174	EL OBEID	1007.7	N	2	—	—	3	8	1013.1	+0.1	N	2	17.6	33	-1	12	-2	14	-9	3	8	Ci	2	0	23	19
175	EL FÂSHER	1012.2	NW	1	33.0	—	0	—	1013.4	+2.2	WNW	1	15.0	36	+2	8	-5	30	+6	0	—	—	—	0	0	8
176	S. SUDAN MALAKÂL	1004.9	NNE	3	36	—	3	9	1010.7	+1.0	NNE	3	22.8	37	-1	17	-3	28	+5	4	8	Ci	2	0	81	94
177	WÂU	—	N	2	36.0	—	1	—	—	—	NE	3	22.1	37	-1	17	-3	32	-12	3	—	—	2	0	201	156
178	JÛBA	1005.5	NE	3	35	—	4	7	1011.6	+1.8	NW	1	23.5	36	-1	19	-2	38	-22	4	7	Ci, Ac	1	0	161	151
179	*Geneina*	—	E	4	31	—	2	8	—	—	NE	3	15.0	34	—	13	—	3	—	2	8	Ci	0	1	—	—
180	*Gallabat*	—	SE	3	35.5	—	0	—	—	—	—	0	23.5	36	—	18	—	61	—	0	—	—	0	0	—	—

Upper Wind Observations on *4th* — ارصاد الرياح العليا يوم ٤

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms per hour	Matruh 07h.00m. Dir.	Matruh Kms	Cairo 08h.30m. Dir.	Cairo Kms	Helwan 08h.30m. Dir.	Helwan Kms	Asyut 07h.00m. Dir.	Asyut Kms	Aswan 07h.00m. Dir.	Aswan Kms	W. Halfa 07h.00m. Dir.	W. Halfa Kms	Kareima 06h.00m. Dir.	Kareima Kms	Khartum 06h.00m. Dir.	Khartum Kms	Geneina 07h.00m. Dir.	Geneina Kms	Kassala 07h.00m. Dir.	Kassala Kms	El Obeid 06h.00m. Dir.	El Obeid Kms	Malakal 06h.00m. Dir.	Malakal Kms	Juba 07h.00m. Dir.	Juba Kms	Salum 3rd 13h.00m. Dir.	Salum 3rd Kms
200	230	35	240	46	200	22	150	5	—	—	—	—	30	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	290	30
500	—	—	250	42	240	16	200	7	30	16	20	47	30	56	30	55	20	53	—	—	—	—	—	—	20	51	—	—	—	—
1000	250	46	280	34	310	21	300	22	20	18	20	44	10	50	30	63	20	50	60	51	50	23	30	58	20	64	100	8	290	37
1500	260	45			300	17	320	23	0	24	290	26	350	27	40	39	40	31	80	34	50	21	60	37	50	42	90	43	270	46
2000					300	20	310	20	300	37			320	35	10	24	10	34	0	32	220	11	30	34	80	14	90	24		
3000															350	24	350	24	290	24			50	21	310	21	70	24		
4000															260	18			270	24			0	16						
5000																														
6000																														

Forecast for 24 hours from noon on *4th*

On the coast moderate to fresh westerly winds becoming southwesterly later.
Inland light to moderate variable winds chiefly southerly.
Mainly clear.
Slightly warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٤
رياح غربية بين المعتدلة والشديدة نوعا ثم تصير جنوبية غربية على الساحل
ورياح بين الخفيفة والمعتدلة مختلفة الاتجاه وأكثرها جنوبية فى الداخل
السماء صحو على العموم
ارتفاع درجة الحرارة قليلا

STATION	Mean of day Humidity % on 3rd	Humidity Diff. from normal	Wet Bulb Temp. °C on 3rd	Wet Bulb Diff. from normal
Alexandria	62	-3	12.3	+0.1
Ezbekiya	49	-10	10.9	-1.1
Giza	47	-15	10.2	-1.4
Helwân	37	-11	9.3	-0.8

Giza Grass minimum on *4th* 1.6 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
4.3	866	904
3.3	868	905

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3.3	13.13	-0.15	13.12	-0.16
Nâsser	3.3	5.18	+0.08	5.20	+0.09
Malakâl	4.3	10.20	-0.11	10.21	-0.11
Roseires	4.3	12.01	+0.49	12.00	+0.48
Sennâr Res.	3.3	19.89	—	19.94	—
Khartûm	3.3	10.26	-0.11	10.23	-0.15
Kh. el Girba					
'Atbara	3.3	9.93	-0.21	9.92	-0.22
Kajnarti	4.3	131.99	-0.52	132.01	-0.52
Wâdi Halfa					
Aswân Res.	4.3	119.44	—	119.54	—
,, D. S.	4.3	85.59	-0.29	85.89	-0.30
El Leisi*	4.3	17.50	+0.12	17.50	+0.11
Rôda (Cairo)	4.3	15.73	+0.14	15.70	+0.14

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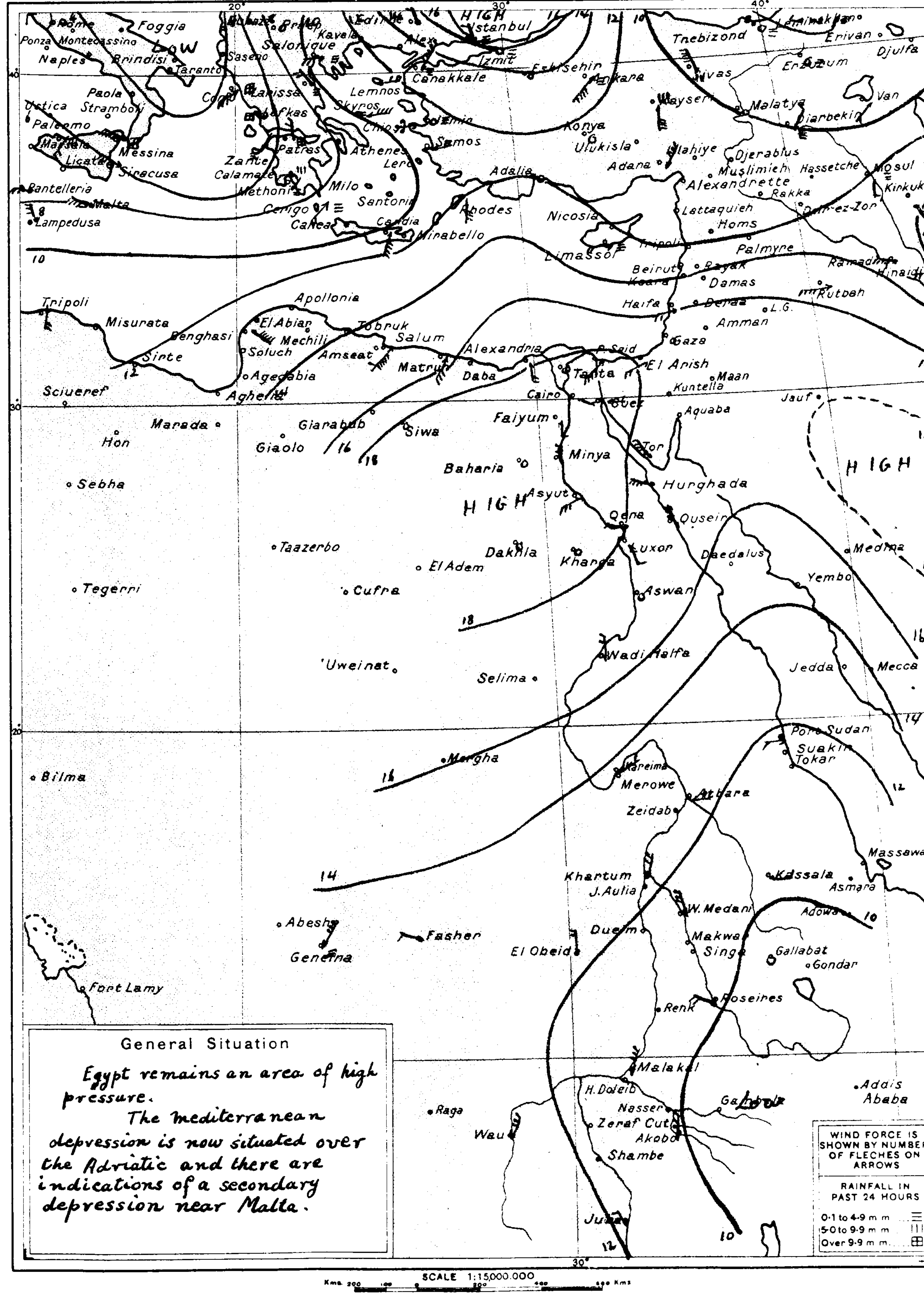
١٩٣٧-٣-٤ Pressure and Wind at 8 h. *4-3-1937*



General Situation

Egypt remains an area of high pressure.
The Mediterranean depression is now situated over the Adriatic and there are indications of a secondary depression near Malta.

At 8 h. on *3-3-1937* — الساعة ٨ يوم ٣-٣-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1007	-8	W	4	13	—	—	—	—	—	—	—	—	—	—	Raining	—	384	ليماسول
Haifa	1012.3	-2.0	WSW	4	17.8	26	+5	10	0	60	-3	2	—	—	—	0	345	603	حيفا
Gaza	1013.5	-1.7	—	0	14.2	26	+6	11	+2	79	+7	3	4	—	1	0	360	344	غزة
Ships	43321	—	30112	—	22601	—	13864	—	65683	—	42010								سفن

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

El Leisi Gauge Readings for 19/20.2.37 published on 19-21.2.37 should read 17.66 & 17.64 instead of 17.64 & 17.66 M. respectively.

ANNUAL SUBSCRIPTION
Inland Post .... P.T. 100
Abroad .... P.T. 150

CAIRO
Time of sunrise h 6 m 16
sunset h 17 m 57

Month *March* 1937 ١٩٣٧ شهر مارس

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

DAILY WEATHER REPORT

At 14h. on *4th* الساعة ١٤ يوم ٤ — At 8h. on *Friday 5th* الساعة ٨ يوم الجمعة ٥

No.	Region	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1015.1	SW	4	22.4	21	0	5	1019.2	+2.0	W	2	14.9	23	—	10	—	19	—	0	5	–	0	0	105	—
131		MATRÛH	1015.2	SSW	3	22.6	8	0	6	1017.8	+0.8	SSW	3	15.3	24	+5	12	+2	21	-54	0	6	–	0	0	143	143
150		DIKHEILA	1017.5	WSW	3	20.5	25	0	8	1020.3	—	S	3	15.0	21	—	11	—	33	—	2	8	Cs	0	0	—	—
132		ALEXANDRIA	1017.0	WSW	4	21.3	38	0	9	1020.0	+3.4	S	4	14.7	23	+2	12	0	32	-40	3	7	Cs	1	0	161	176
		DAMIETTA								1020.8	—	S	1	14.7	24	—	9	—	71	—	0	—	—	—	0	63	102
134		PORT SAÏD	1017.4	WSW	4	22.3	35	0	7	1021.1	+6.0	SW	2	17.3	24	+4	11	-1	51	-22	0	7	~	0	0	34	64
135		EL 'ARÎSH	1017.2	NNW	3	18.8	57	0	6	1020.6	—	—	0	19.0	19?	—	9	—	48	—	0	6	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1020.6	+4.4	SW	3	12.9	24	+1	9	+1	47	-32	2	6	—	1	0	68	94
137		MANSÛRA								1020.0	—	E	1	12.9	24	+1	7	-1	65	-12	0	7	—	1	0	26	43
138		TANTA								1020.7	+3.7	—	0	15.0	24	+1	10	+2	58	-19	0	7	—	0	0	33	35
139		ZAGÂZÎG								1021.1	—	SSW	2	15.4	24	+1	8	+1	59	-18	2	8	—	—	0	12	22
141	Middle Egypt — Cairo	ALMÂZA								1020.4	—	E	1	15.8	23	—	10	—	49	—	2	7	Cs	1	0	—	—
		EZBEKÎYA	1016.8	NW	1	23.8	31	0	9	1020.6	+3.9	—	0	13.5	25	+2	10	0	61	-12	3	—	Cs	1	0	9	24
		GÎZA	1016.6	NW	1	23.0	24	0	7	1020.4	+2.9	S	1	13.1	25	+3	6	-1	66	-7	2	5	Cs	1	0	12	22
143		HELWÂN	1017.2	W	1	20.5	28	0	7	1021.2	+4.3	—	0	14.7	23	+1	11	+1	50	-15	2	6	Ci	0	0	14	25
144		SUEZ	/							1021.0	+4.3	NE	1	13.0	22	0	10	-2	55	-18	1	—	—	—	0	12	18
153	Upper Egypt	FAIYÛM	1017.4	WNW	1	22.0	34	0	7	1021.0	+3.6	SSW	1	13.5	24	0	7	-1	49	-16	2	7	Cs	1	0	6	10
154		MINYA								—	—	WNW	2	13.0	22	-2	8	-1	56	-16	1	6	—	—	0	16	—
155		ASYÛT	1017.4	N	3	22.4	22	0	7	1021.0	+3.6	W	3	13.8	26	+1	8	-1	49	-12	0	6	—	0	0	0	5
156		QENA								1018.7	+3.1	WNW	2	14.2	27	-2	7	-4	50	-6	1	6	Ci	0	0	dr	—
157		LUXOR								1017.9	—	—	0	15.6	29	—	6	—	52	—	0	7	—	0	0	dr	—
158		AŚWÂN	1013.8	NW	2	26.2	13	0	6	1018.3	+2.0	N	2	15.0	28	-1	11	-2	35	-6	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1016.6	—	0	24.3	32	0	6	1019.8	+2.6	—	0	15.4	25	+1	6	-1	57	-8	0	6	—	0	0	28	4
149		BAHARÎYA	1016.4	S	1	23.0	14	0	9	1021.1	–	E	1	11.2	24	—	6	—	57	—	0	9	—	0	0	26	—
151		KHÂRGA	1017.8	N	1	23.4	49	0	9	1020.0	+3.3	NNE	2	16.8	25	-2	11	+2	57	+4	0	9	—	0	0	0	0
152		DÂKHLA	1015.9	NW	1	25.5	20	0	9	1020.6	+3.4	SW	1	13.2	26	-1	7	-1	31	-13	0	8	—	0	0	dr	—
145	Red Sea	TÔR								1018.4	+2.7	NW	3	20.0	21	-2	12	0	32	-30	0	6	—	0	0	13	12
146		HURGHÂDA								—	—	NW	4	18.7	23	-1	12	+1	42	-9	0	7	—	0	0	dr	0
147		QUSEIR																									
169		PORT SUDAN								1015.2	+1.7	N	4	23.2	28	0	18	-1	65	0	3	—	—	0	0	42	105
165	North Sudan	WÂDI HALFA	1015.7	N	3	25	—	0	7	1018.3	+2.2	N	2	13.6	27	-3	10	-1	28	-9	0	8	—	0	—	—	—
166		KAREIMA	1011.7	NE	2	31	—	0	8	1015.3	+1.4	NE	1	20.0	32	-2	15	0	17	-8	0	7	—	0	0	dr	1
167		'ATBARA	1007.2	E	2	34.0	—	0	—	1014.3	+1.6	N	2	21.0	34	0	16	0	—	—	0	—	—	0	0	5	1
168		KHARTÛM	1007.2	NNE	4	35	—	4	8	1013.0	+1.5	NE	4	21.7	35	-1	15	-3	13	-8	3	8	Ci	0	0	4	5
170		KASSALA	1004.7	NNE	4	34	—	1	8	1010.8	+0.8	SE	1	22.0	34	-3	16	-3	66	+16	0	8	—	0	0	dr	11
171	Central Sudan	WAD MEDANI	1007.5	N	3	35.0	—	0	—	1011.6	+0.6	NE	4	22.4	36	-1	17	0	34	+10	0	—	—	0	0	56	13
173		DUEIM	—	NE	3	34.3	—	1	—	—	—	NW	3	23.2	36	-1	17	+1	21	0	0	—	—	0	0	21	12
		RENK																									
172		ROSEIRES	1006.9	WNW	2	34.2	—	0	—	1011.2	+1.5	WNW	1	23.3	39	+1	16	-2	27	-2	0	—	—	1	0	3	38
174		EL OBEID	1006.8	NNE	3	32	—	2	8	1012.5	-0.4	NE	3	19.3	33	-1	14	0	23	+1	0	8	Ci	0	0	23	19
175		EL FÂSHER	1005.1	E	3	34.5	—	0	—	1016.2	+5.1	WNW	1	13.0	35	+1	9	-4	30	+6	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	1004.8	NNE	2	36	—	3	8	1010.0	+0.4	N	3	24.8	38	0	17	-3	28	+5	2	8	Ci	1	0	81	94
177		WÂU	1009.1	NW	1	35.7	—	3	—	1014.0	+4.7	NE	3	23.8	36	-2	17	-3	24	-20	1	—	—	1	0	201	157
178		JÛBA	1005.5	NNE	3	35	—	4	7	1010.4	+0.6	NW	3	25.2	37	0	22	0	34	-26	4	7	Sc	1	0	161	152
179		~~Geneina~~	—	NE	3	32	—	3	8	—	—	N	3	16.1	35	—	13	—	6	—	3	8	Ci	0	0	—	—
180		Gallabat	—	—	0	36.5	—	0	—	—	—	W	3	26.1	37	—	17	—	48	—	0	—	—	0	0	—	—

Upper Wind Observations on 5th — ارصاد الرياح العليا يوم ٥

Height metres above M.S.L.	Dikheila 07h.00m. Dir. E.of N.	Kms. per hour	Almaza 08h.15m. Dir.	Kms. per hour	W.Halfa 07h.00m. Dir.	Kms. per hour	Kareima 06h.00m. Dir.	Kms. per hour	Khartum 06h.00m. Dir.	Kms. per hour	Kassala 07h.00m. Dir.	Kms. per hour	Geneina 07h.00m. Dir.	Kms. per hour	El Obeid 06h.00m. Dir.	Kms. per hour	Malakal 06h.00m. Dir.	Kms. per hour	Juba 07h.00m. Dir.	Kms. per hour	Ismailia 07h.00m. R.A.F. Dir.	Kms. per hour	Abukir 07h.00m. R.A.F. Dir.	Kms. per hour	Heliopolis 07h.00m. R.A.F. Dir.	Kms. per hour	h. m. Dir.	Kms. per hour	h. m. Dir.	Kms. per hour
200	190	27	50	5	300	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	130	5	210	23	160	3				
500	250	17	60	4	40	37	40	53	30	60	—	—	—	—	—	—	20	51	—	—	350	5	270	21	300	8				
1000	290	16	10	14	10	31	40	56	30	56	10	21	60	47	30	71	20	74	0	8	320	11	280	21	0	11				
1500	330	10	30	19	20	21	50	43	50	24	10	8	90	40	40	47	30	50	50	21	0	31	310	11	10	18				
2000	340	21	10	26	0	21	0	27	240	21	170	8	0	32			50	16	70	13	0	27	350	21	10	27				
3000	330	25	320	38			10	34	310	11	230	19	330	27			110	14	140	14	350	42	310	47	330	40				
4000							0	14			220	21	0	16																
5000																														
6000																														

Forecast for 24 hours from noon on........

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 4th	Diff. from normal	Wet bulb temp. °C on 4th	Diff. from normal
Alexandria	59	-6	12.0	-0.2
Ezbekîya	50	-9	11.4	-0.7
Gîza	52	-10	11.2	-0.5
Helwân	34	-14	9.6	-0.6

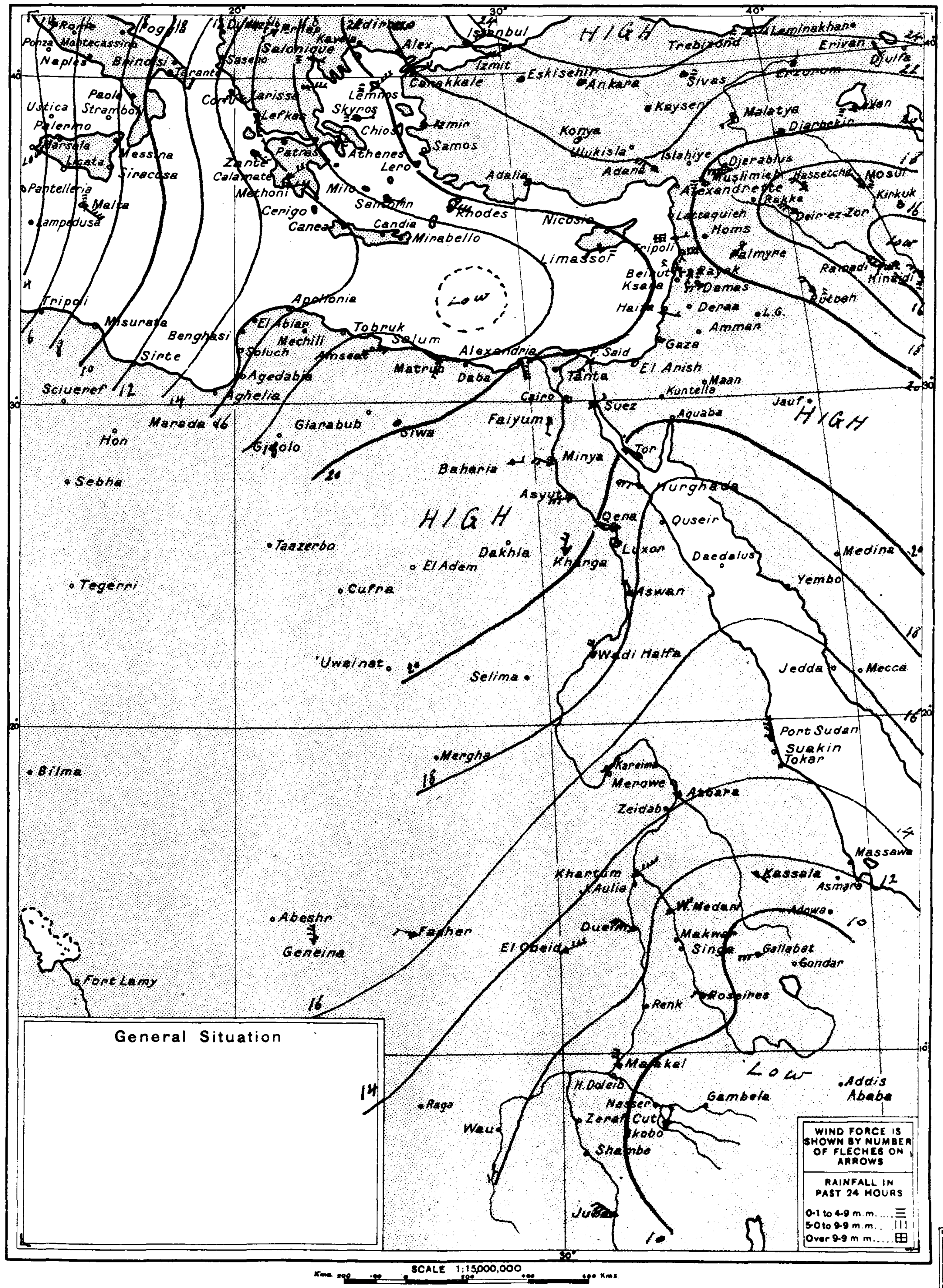
Gîza Grass minimum on 5th .... °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
5.3	869	904
4.3	866	904

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5.3	13.12	-0.16	13.12	-0.16
Nâşser	5.3	5.24	+0.15	5.22	+0.12
Malakâl	5.3	10.20	-0.10	10.20	-0.11
Roșeires	5.3	12.02	+0.51	12.01	+0.49
Sennâr Res.	5.3	19.78	—	19.84	—
Khartûm	5.3	10.27	-0.08	10.24	-0.12
Kh. el Girba					
'Atbara	5.3	9.95	-0.18	9.95	-0.19
Kajnarti	5.3	131.96	-0.54	131.99	-0.52
Wâdi Halfa					
Aswân Res.	5.3	119.41	—	119.44	—
,, D. S.	5.3	85.59	-0.28	85.59	-0.29
El Leisi	5.3	17.50	+0.13	17.50	+0.12
Rôda (Cairo)	5.3	15.75	+0.16	15.73	+0.14

١٩٣٧-٣-٥ Pressure and Wind at 8 h. 5-3-1937



At 8 h. on 4-3-1937 — الساعة ٨ يوم ٤-٣-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1012	-3	W	2	14	—	—	—	—	—	—	2	—	—	—	Rain	—	385	ليماسول
Haifa	1016.3	+2.1	WSW	2	16.9	21	0	10	0	66	+3	4	—	—	—	0	345	604	حيفا
Gaza	1017.5	+2.3	—	0	14.8	20	0	10	+1	74	+2	0	9	—	0	0	360	345	غزه

WIND VELOCITY

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

PRESENT WEATHER

- Clear 0
- ¼ Clouded 1
- ½ Clouded 2
- ¾ Clouded 3
- Entirely clouded 4
- Raining 5
- Sand haze 6
- Sand storm 7
- Mist or Fog 8
- Thunderstorm 9

VISIBILITY

Objects not visible at

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

CLOUD FORM

- Cirrus Ci
- Cirro-cumulus Cc
- Cirro-stratus ..... Cs
- Alto-stratus ..... As
- Alto-cumulus ..... Ac
- Strato-cumulus ..... Sc
- Stratus ..... St
- Nimbus ..... Nb
- Nimbo-stratus ..... Ns
- Cumulus ..... Cu
- Cumulo-nimbus ..... Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. m. 06 15
sunset h. m. 17 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *March* 1937 ١٩٣٧ شهر مارس

No.	STATION	At 14h. on 5th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Saturday 6th — Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1017.4	S	3	25.5	9	3	6	1014.4	-2.8	SSW	4	18.9	26	—	15	—	16	—	7	3	—	0	0	105	—
131	MATRÛH	1018.0	ENE	2	19.1	63	0	6	1017.0	0.0	SSE	4	15.6	25	+6	11	+1	24	-50	0	6	—	0	0	143	143
150	DIKHEILA	1020.3	N	1	20.9	66	0	8	1020.5	—	SE	3	12.1	27	—	10	—	54	—	0	7	—	0	0	—	—
132	ALEXANDRIA	1019.6	—	0	26.0	19	0	9	1019.5	+3.0	SE	5	14.0	27	+6	12	0	45	-27	0	7	—	0	0	161	176
	DAMIETTA								1020.0	—	SE	1	17.0	26	—	12	—	80	—	0	—	—	—	0	63	102
134	PORT SAÏD	1020.4	NW	3	23.3	36	0	7	1020.4	+5.4	ENE	3	17.8	25	+5	14	+2	72	0	0	7	—	0	0	34	65
135	EL ʿARÎSH	1020.3	NNE	3	19.9	51	0	6	1020.7	—	—	0	14.0	23	—	6	—	67	—	0	6	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1020.0	+3.8	ESE	2	13.0	27	+4	10	+2	46	-33	0	6	—	0	0	68	94
137	MANSÛRA								1019.5	—	NE	1	11.6	26	+3	7	-1	63	-14	0	7	—	1	0	26	44
138	TANTA								1019.8	+2.8	—	0	13.0	26	+3	7	-1	61	-16	0	7	—	0	0	33	36
139	ZAGÂZÎG								1020.6	—	NNE	2	12.6	24	+1	6	-1	63	-14	1	8	—	—	0	12	22
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1019.2	NNE	3	24.7	19	2	9	1019.5	—	E	3	17.9	25	—	9	—	29	—	0	7	—	0	0	—	—
	CAIRO EZBEKÎYA	1019.2	ESE	1	24.6	25	1	8	1019.2	+2.6	NW	1	13.6	27	+4	10	0	49	-23	0	5	—	0	0	9	24
	CAIRO GÎZA	1017.9	NNW	1	25.1	22	2	6	1019.2	+1.8	NW	1	10.4	26	+3	4	-3	60	-13	0	5	—	0	0	12	22
143	HELWÂN	1018.4	NNE	2	24.9	7	3	7	1019.2	+2.3	—	0	17.4	25	+3	14	+4	25	-40	0	6	—	1	0	14	25
144	SUEZ								1019.5	+2.9	—	0	14.0	25	+2	12	0	55	-19	0	—	—	—	0	12	18
	UPPER EGYPT																									
3	FAIYÛM	1018.8	NNE	1	23.3	31	2	8	1019.4	+2.0	—	0	15.1	26	+2	7	-1	32	-33	0	5	—	0	0	6	10
154	MINYA	1017.6	NE	3	24.8	24	0	7	1018.8	+1.6	NNW	1	12.8	25	+1	7	-2	56	-15	0	5	Ci	0	0	16	—
155	ASYÛT	1015.8	NW	3	25.2	15	0	7	1018.3	+1.0	WSW	3	13.2	27	+2	8	-1	43	-18	0	7	—	0	0	0	5
156	QENA								1017.8	+2.3	NE	3	16.4	29	0	11	0	32	-24	0	7	—	0	0	dr	—
157	LUXOR								1016.8	—	ENE	1	17.0	29	—	7	—	46	—	0	7	—	0	0	dr	—
158	ASWÂN	1014.6	N	1	27.3	14	0	6	1016.7	+0.5	—	0	14.7	29	0	12	-1	32	-8	0	6	—	0	0	1	
	WESTERN DESERT																									
148	SÎWA	1017.4	SE	1	26.1	37	0	6	1015.2	-2.0	—	0	13.2	28	+4	7	0	65	0	0	6	—	0	0	28	5
149	BAHARÎYA	1018.2	E	2	25.4	20	0	9	1018.6	—	ESE	1	17.7	26	—	8	—	32	—	0	9	—	0	0	26	—
151	KHÂRGA	1017.6	N	2	26.6	50	0	9	1017.5	+0.9	N	1	17.0	27	0	7	-2	58	+5	0	9	—	0	0	0	0
152	DÂKHLA	1016.7	NE	1	27.2	15	0	8	1018.6	+1.4	—	0	12.1	29	+2	8	-1	39	-5	0	7	—	0	0	dr	—
	RED SEA																									
145	TÔR								1018.3	+2.7	N	1	16.7	25	+2	10	-2	28	-34	0	6	—	0	0	13	12
146	HURGHÂDA								1018.0	+2.7	NW	3	19.1	24	0	12	+1	51	0	0	7	—	0	0	dr	0
147	QUSEIR								1018.0	+3.2	N	4	22.1	25	+1	16	0	36	-6	0	7	—	0	0	1	7
169	PORT SUDAN																									
	NORTH SUDAN																									
165	WÂDI HALFA	1016.3	NNW	3	26	—	0	8	1016.9	+0.9	N	2	14.6	27	-3	11	0	39	+3	0	8	—	0	—	—	—
166	KAREIMA	1011.6	NE	3	32	—	0	7	1013.6	-0.2	—	0	19.6	33	-1	14	-1	21	-4	0	8	—	0	0	dr	1
167	ʿATBARA								1012.8	+0.2	N	2	21.8	34	0	16	0	30	+10	0	—	—	0	0	5	1
168	KHARTÛM	1006.4	NNE	3	33	—	0	7	1011.6	+0.2	NNE	4	21.4	35	-1	17	-1	14	-6	2	7	Ci	1	0	4	5
170	KASSALA	1004.4	ENE	1	35	—	0	8																		
	CENTRAL SUDAN																									
171	WAD MEDANI	1004.5	NNE	2	36.4	—	0	—	1010.6	-0.2	N	3	23.9	36	-1	18	0	42	+18	0	—	—	0	0	56	13
173	DUEIM	—	NW	3	34.2	—	0	—																		
	RENK									—					—		—		—							
172	ROSEIRES	1005.9	NNW	2	39.4	—	0	—	1010.7	+1.1	NW	1	23.2	40	+1	17	-2	35	+6	0	—	—	0	0	3	38
174	EL OBEID	1007.5	NE	4	32	—	0	8	1012.1	-0.7	NNE	1	19.1	34	0	15	+1	25	+3	0	8	—	1	0	23	19
175	EL FÂSHER								1014.0	+3.0	NW	2	16.0	35	+1	10	-3	29	+6	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL	1004.2	NNE	2	38	—	3	8	1009.6	0.0	NNE	3	26.4	38	0	19	-1	30	+7	1	7	Cs	1	0	81	94
177	WÂU	1007.8	S	3	38.0	—	1	—	1013.5	+4.2	NNE	1	23.0	39	+1	18	-2	38	-6	1	—	—	1	0	201	158
178	JÛBA	1004.3	NNW	2	38	—	8	4	1009.9	+0.1	NNE	2	23.9	39	+2	20	-2	39	-21	6	6	[illegible]	1	0	161	153
179	Geneina	—	NE	3	33	—	1	8	—	—	E	2	14.4	35	—	13	—	18	—	0	8	Ci	0	0	—	—
180	Gallabat	—	ENE	3	37.3	—	0	—																		

Upper Wind Observations on 6th — ارصاد الرياح العليا يوم ٦

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Dikheila 07h.00m. Dir.	Kms.	Cairo 08h.30m. Dir.	Kms.	Helwan 08h.45m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 07h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 07h.00m. Dir.	Kms.	Abukir 07h.00m. Dir.	Kms.
200	160	21	160	54	130	47	80	32	90	27	—	—	—	—	40	24	—	—	—	—	—	—	—	—	—	—	—	—	130	37
500	—	—	170	29	130	36	70	48	80	18	50	22	40	30	50	24	50	60	30	55	—	—	—	—	—	—	—	—	110	26
1000	—	—	170	20	90	27	80	48	60	32	20	22	50	35	50	37	60	53	30	50	60	50	70	56	30	61	160	10	90	21
1500	180	51			60	22			50	39	0	10	20	28	30	19	50	24	30	18	80	45	40	34	40	31	160	13	50	18
2000	180	63			60	18			20	22	330	19			10	16	20	27	30	34	0	31	80	14	50	23	170	35	70	11
3000									0	17							300	2	300	8	310	24	60	11	130	23	180	42	80	16
4000									320	17													150	8						
5000									260	18																				
6000									270	33																				

Forecast for 24 hours from noon on 6th
On the coast fresh southerly winds, strengthening.
Inland moderate to fresh northeasterly winds, becoming southerly tomorrow.
Clear or occasional high cloud. Warmer.
Further outlook: moderate Khamsin conditions.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٦
رياح جنوبية شديدة نوعا على ساحل تزداد قوتها
ورياح شمالية شرقية ما بين المعتدلة والشديدة نوعا في الداخل
تتحول الى جنوبية غدا
السماء صحو او يظهر بعض السحاب العالى
وتزداد حرارة الجو ويتحول الى حالة الخماسين

STATION	Mean of day — Humidity % on 5th	Diff. from normal	Wet Bulb Temp. °C on 5th	Diff. from normal
Alexandria	38	-27	11.4	-0.9
Ezbekîya	49	-10	11.8	+0.4
Gîza	48	-13	12.0	+0.2
Helwân	28	-20	10.0	-0.3

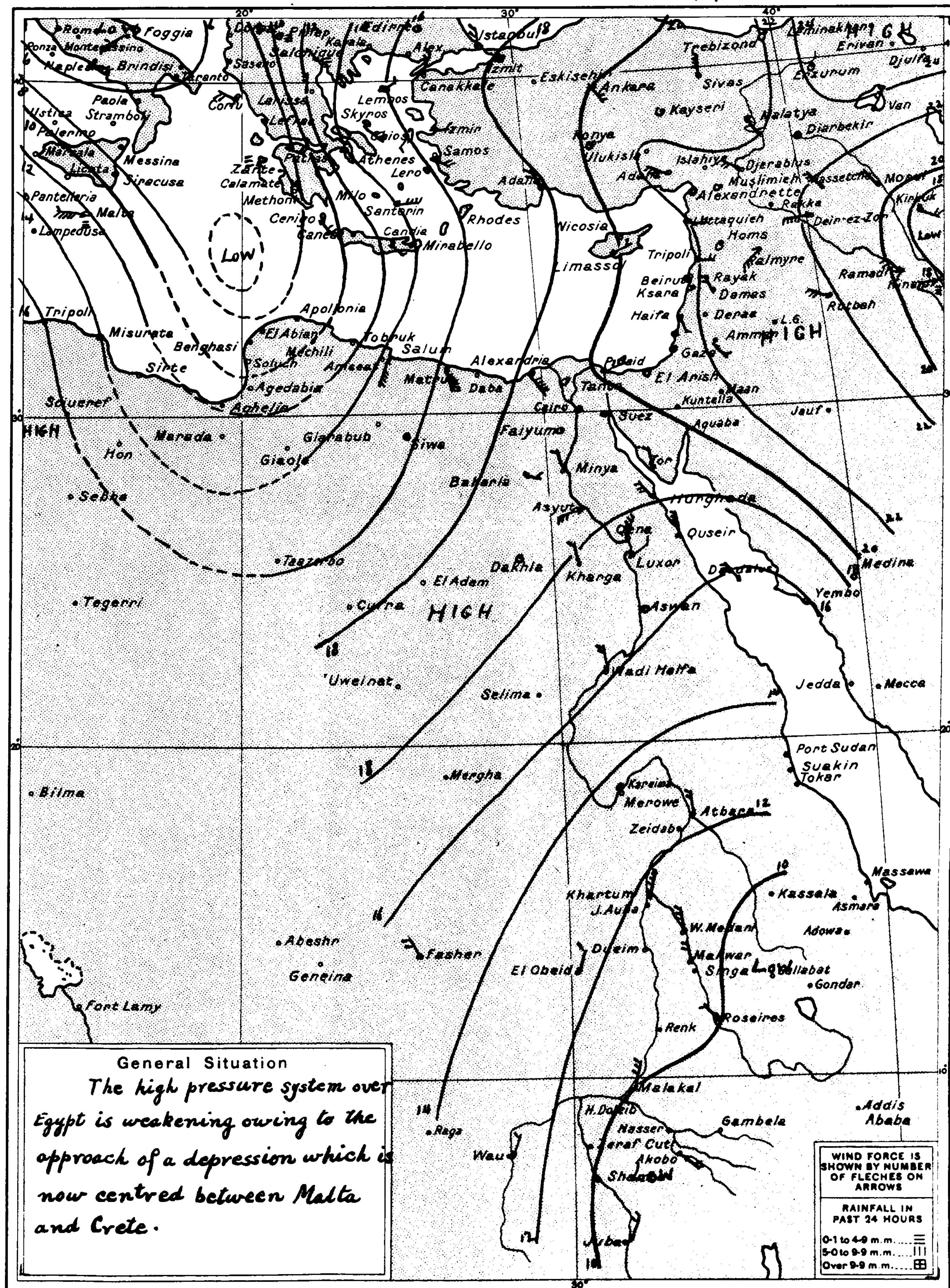
Gîza Grass minimum on 6th -0.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
6.3	868	903
5.3	864	904

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5.3	13.12	-0.16	13.12	-0.16
Nâșser	5.3	5.24	+0.15	5.22	+0.12
Malakâl	6.3	10.18	-0.12	10.20	-0.10
Roșeires	6.3	12.03	+0.53	12.02	+0.51
Sennâr Res.	5.3	19.78	—	19.84	—
Kharțûm	6.3	10.27	-0.08	10.24	-0.12
Kh. el Girba					
ʿAțbara	5.3	9.95	-0.18	9.95	-0.19
Kajnarti	6.3	131.96	-0.84	131.99	-0.82
Wâdi Ḥalfa					
Aswân Res.	6.3	119.36	—	119.41	—
,, D. S.	6.3	85.59	-0.27	85.57	-0.28
El Leisi	6.3	17.50	+0.15	17.50	+0.13
Rôda (Cairo)	6.3	15.73	+0.11	15.75	+0.16

١٩٣٧-٣-٦ Pressure and Wind at 8h. 6-3-1937



General Situation
The high pressure system over Egypt is weakening owing to the approach of a depression which is now centred between Malta and Crete.

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

PRESENT WEATHER
Clear 0
¼ Clouded 1
½ Clouded 2
¾ Clouded 3
Entirely clouded 4
Raining 5
Sand haze 6
Sand storm 7
Mist or Fog 8
Thunderstorm 9

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

CLOUD FORM
Cirrus Ci
Cirro-cumulus Cc
Cirro-stratus Cs
Alto-stratus As
Alto-cumulus Ac
Strato-cumulus Sc
Stratus St
Nimbus Nb
Nimbo-stratus Ns
Cumulus Cu
Cumulo-nimbus Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 5-3-1937 — الساعة ٨ يوم ٥-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1019	+4	WSW	1	13	—	—	—	—	—	—	0	—	—	—	Rain	—	386	ليماسول
Haifa	1020.3	+6.1	ESE	1	17.2	20	-1	10	0	74	+11	0	—	—	—	0	345	604	حيفا
Gaza	1020.4	+5.3	—	0	13.2	20	0	9	0	67	-5	0	9	—	0	0	360	346	غزه
Ships	73249	—	36106	—	30300	—	16875	—	—	61800	—	—	47000						سفن

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. m. 06 14
sunset h. m. 17 58

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

No.	STATION	At 14h. on 6th (الساعة ١٤ يوم ٦) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 7th (الساعة ٨ يوم الأحد ٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1011.0	SW	8	28.0	10	7	3	1013.5	-3.6	WNW	4	11.7	29	—	11	—	72	—	0	6	—	3	0	105	—
131	MATRÛH	1014.3	SE	4	26.4	11	0	6	1010.7	-6.2	NW	7	15.8	27	+7	15	+5	80	+6	4	6	NS	2	0	143	144
150	DIKHEILA																									
132	ALEXANDRIA	1017.0	SE	4	24.3	21	0	8	1008.7	-7.7	SE	3	12.3	26	+5	11	-1	86	+14	4	7	Sc	2	0	161	176
	DAMIETTA								—	—	SE	1	18.0	23	—	14	—	80	—	0	—	—	—	0	63	102
134	PORT SAÏD	1017.8	NE	3	21.0	55	0	7	1009.4	-5.6	SE	2	18.4	22	+2	16	+2	72	0	0	7	—	0	0	34	65
135	EL ʿARÎSH	1017.1	NNE	3	18.6	60	0	6	1009.1	—	SSE	2	17.5	19	—	7	—	49	—	0	5	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1009.1	-7.1	ENE	2	12.0	25	+2	7	-1	84	+5	3	6	—	0	0	68	75
137	MANSÛRA								1009.6	—	SE	1	12.6	26	+3	8	0	68	-9	0	7	—	0	0	26	44
138	TANTA								1009.6	-7.4	—	0	12.0	25	+1	8	0	76	0	0	7	—	0	0	33	36
139	ZAGÂZÎG								1009.9	—	ESE	2	14.4	24	+1	8	0	55	-22	2	7	—	0	0	12	22
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1015.9	E	4	25.6	0	0	8	1009.5	—	NW	2	14.0	26	—	8	—	71	—	0	6	—	0	0	—	—
	CAIRO EZBEKÎYA	1015.2	NNE	2	27.4	9	0	9	1008.8	-7.7	SSW	2	13.5	28	+5	10	0	54	-18	0	5	—	0	0	9	24
	CAIRO GÎZA	1014.6	N	2	26.8	12	0	6	1008.8	-8.5	SSW	2	13.8	27	+4	6	-1	42	-31	0	5	—	0	0	12	22
143	HELWÂN	1015.1	NE	2	26.9	6	0	8	1009.1	-7.7	S	1	15.0	28	+6	12	+2	22	-42	0	7	—	0	0	14	25
144	SUEZ								1010.3	-6.2	S	2	16.4	27	+4	11	-1	62	-12	0	—	—	—	0	12	19
	UPPER EGYPT																									
153	FAIYÛM	1015.2	NNE	1	25.0	24	1	7	1009.5	-7.8	SSW	1	13.9	29	+5	8	-1	39	-26	1	8	Cs	1	0	6	10
154	MINYA	1014.6	NW	2	25.9	26	2	8	1010.3	-6.9	S	3	15.0	27	+3	12	+3	48	-23	0	7	—	1	0	16	—
155	ASYÛT	1014.4	NE	3	25.4	21	0	7	1011.0	-6.2	SE	3	16.2	26	0	9	0	44	-17	0	7	—	0	0	0	5
156	QENA								1012.3	-3.1	ENE	1	15.8	31	+1	8	-3	45	-11	0	7	—	0	0	dr	—
157	LUXOR								1012.0	—	—	0	17.2	31	—	8	—	55	—	0	7	—	0	0	dr	—
158	ASWÂN	1011.4	NW	1	30.0	14	0	6	1011.4	-4.7	—	0	17.5	31	+2	13	0	38	-2	0	6	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1013.1	SSE	2	29.5	24	0	6	1015.8	-1.3	WNW	4	14.0	30	+6	8	+1	69	+5	0	6	—	0	0	28	5
149	BAHARÎYA	1015.1	E	1	26.8	17	0	9	1010.7	—	WSW	6	15.1	29	—	9	—	60	—	3	4	As	1	0	26	—
151	KHÂRGA	1014.2	N	1	29.0	32	0	9	1012.0	-4.5	SE	2	14.4	30	+3	9	0	56	+3	0	9	—	0	0	0	0
152	DÂKHLA	1014.7	SSW	1	30.1	11	0	8	1013.1	-4.0	WSW	3	14.9	31	+3	8	-1	20	-24	0	7	—	0	0	dr	—
	RED SEA																									
145	TÔR								1010.8	-4.7	N	1	16.0	24	+1	10	-2	32	-30	0	6	—	0	0	13	12
146	HURGHÂDA																									
147	QUṢEIR								1011.9	-2.8	NW	2	23.0	25	0	14	-2	32	-10	0	7	—	0	0	1	7
169	PORT SUDAN	1011.2	NE	5	26.2	—	0	—																		
	NORTH SUDAN																									
165	WÂDI HALFA	1013.3	N	3	28	—	0	8	1014.0	-1.9	N	2	14.0	30	0	9	-2	37	+1	0	8	—	0	—	—	—
166	KAREIMA	1010.1	NE	1	34	—	0	8	1011.6	-2.1	—	0	20.8	34	0	15	0	27	+2	0	7	—	0	0	dr	1
167	ʿATBARA	1006.3	N	3	35.3	—	0	—	1011.4	-1.1	N	3	22.0	36	+2	15	-1	29	+9	0	—	—	0	0	5	1
168	KHARṬÛM	1005.3	N	4	36	—	0	7	1009.7	-1.6	NNE	4	21.0	37	0	16	-2	19	-1	0	7	—	0	0	4	5
170	KASSALA	1003.4	NE	1	37	—	0	8	1009.3	-0.6	SE	1	21.1	38	+1	16	-3	65	+15	0	8	Ci	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI	1008.8	NE	3	35.0	—	0	—	1008.8	-1.8	N	3	23.8	36	-1	20	+2	14	-10	0	—	—	0	0	56	13
173	DUEIM								—	—	NW	4	23.8	36	-1	17	+1	16	-5	0	—	—	0	0	21	12
	RENK									—					—		—		—							
172	ROSEIRES	1008.4	NE	3	34.2	—	0	—	1009.0	-0.5	WNW	2	25.4	41	+2	18	-1	31	+2	0	—	—	1	0	3	39
174	EL OBEID	1005.4	N	2	33	—	0	8	1010.3	-2.3	NW	2	20.5	35	+1	16	+2	25	+3	0	8	—	0	0	23	19
175	EL FÂSHER	—	SSE	2	35	—	0	—	—	—	WNW	1	17.0	36	+2	12	-1	30	+7	0	—	—	—	0	0	8
	S. SUDAN																									
176	MALAKÂL	1003.4	ENE	2	39	—	1	7	1006.7	-2.9	NE	3	25.8	39	+1	20	-1	32	+9	1	8	Ci	1	0	81	95
177	WÂU	1009.1	E	3	40.0	—	1	—	1011.5	+2.2	NW	1	24.7	40	+2	20	0	39	-6	1	—	—	1	0	201	159
178	JÛBA								1007.5	-2.3	—	0	26.8	40	+3	20	-2	49	-12	4	7	Cs	1	0	161	154
179	Geneina	—	N	2	33	—	1	8	—	—	E	2	18.3	36	—	10	—	13	—	2	8	Ac	0	0		
180	Gullabat								—	—	NE	2	27.5	40	—	19	—	54	—	0	—	—	0	0		

Upper Wind Observations on 7th — ارصاد الرياح العليا يوم ٧

Dir. = E. of N.; Kms. = Kms. per hour

Height metres above M.S.L.	Salum 07 h.00 m. Dir.	Kms.	Matruh 07 h.00 m. Dir.	Kms.	Almaza 07 h.30 m. Dir.	Kms.	Cairo 08 h.15 m. Dir.	Kms.	Helwan 08 h.30 m. Dir.	Kms.	Asyut 07 h.00 m. Dir.	Kms.	Aswan 07 h.00 m. Dir.	Kms.	W. Halfa 07 h.00 m. Dir.	Kms.	Kareima 06 h.00 m. Dir.	Kms.	Khartum 04 h.00 m. Dir.	Kms.	Geneina 07 h.00 m. Dir.	Kms.	Kassala 06 h.00 m. Dir.	Kms.	El Obeid 06 h.00 m. Dir.	Kms.	Malakal 06 h.00 m. Dir.	Kms.	Juba 06 h.00 m. Dir.	Kms.
200	310	16	320	45	160	20	190	25	210	7	—	—	—	—	300	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	Ent	55	170	37	210	51	200	42	200	34	10	19	0	24	10	31	10	45	—	—	260	5	—	—	20	48	—	—
1000	310	46			240	30	240	34	220	43	230	31	20	14	0	19	0	21	10	34	0	60	90	10	30	58	20	74	30	14
1500	300	54			240	28	260	36	250	47	270	29	260	21	320	26	330	31	30	18	60	53			40	34	20	42	160	26
2000					270	31			250	35	280	37			340	53	0	21	340	16	70	34			130	2	20	14	150	29
3000															330	55	270	24	270	19					60	11	80	13	170	23
4000																													180	45
5000																														
6000																														

Forecast for 24 hours from noon on 7th

Moderate southerly winds, veering during the day to northwest, and strengthening. High cloud increasing; some low cloud later. Khamin conditions breaking during the day with duststorms or thunderstorms. Unsettled; probably scattered showers later. Cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٧
رياح جنوبية معتدلة تتحول اليوم الى شمالية غربية وتشتد قليلا ثم السحاب العالي ثم يظهر السحاب المنخفض
ينتهي الطقس الخماسيني اليوم ويحصل عواصف ترابية او
عواصف رعدية . الطقس مضطرب ويحتمل تساقط مطر
زخات متفرقة
تهبط درجة الحرارة باكر

STATION	Mean of day: Humidity % on 6th	Diff. from normal	Wet Bulb Temp. °C on 6th	Diff. from normal
Alexandria	48	-17	11.6	-0.7
Ezbekiya	39	-19	11.7	-0.6
Gîza	38	-23	10.5	-1.4
Helwân	12	-35	10.2	-0.1

Gîza Grass minimum on 7th 1.9 °c

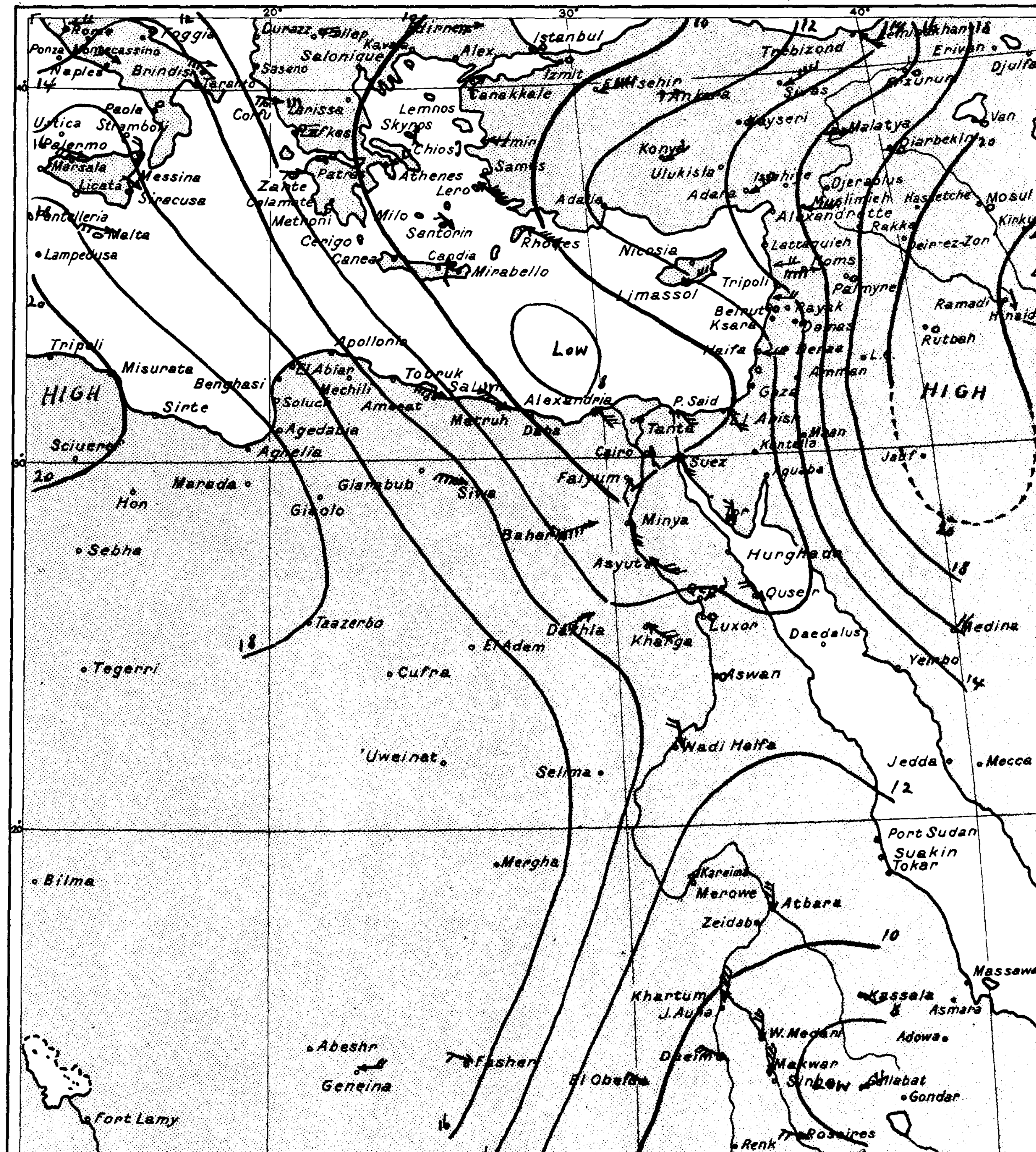
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
7.3	867	903
6.3	868	903

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6.3	13.13	-0.14	13.12	-0.16
Nâṣṣer	6.3	5.23	+0.15	5.24	+0.15
Malakâl	7.3	10.17	-0.12	10.18	-0.12
Roṣeireṣ	7.3	12.05	+0.37	12.03	+0.53
Sennâr Res.	6.3	19.72	—	19.78	—
Kharṭûm	7.3	10.25	-0.07	10.27	-0.07
Kh. el Girba					
ʿAṭbara	7.3	9.95	-0.18	9.95	-0.18
Kajnarti	5.3	131.96	-0.54	131.99	-0.52
Wâdi Ḥalfa					
Aswân Res.	7.3	119.32		119.36	—
,, D.S.	7.3	85.58	-0.27	85.59	-0.27
El Leisi	7.3	17.50	+0.17	17.50	+0.15
Rôda (Cairo)	7.3	15.79	+0.21	15.79	+0.21

Printed by the Survey of Egypt, 1936. (36/530)

١٩٣٧-٣-٧ Pressure and Wind at 8 h. 7-3-1937



General Situation

A trough of low pressure extending from the western Black Sea across the Aegean to Lower Egypt is moving eastwards.

A small depression is situated off Alexandria.

WIND VELOCITY

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

PRESENT WEATHER

Clear 0
¼ Clouded 1
½ Clouded 2
¾ Clouded 3
Entirely clouded 4
Raining 5
Sand haze 6
Sand storm 7
Mist or Fog 8
Thunderstorm 9

VISIBILITY

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

CLOUD FORM

Cirrus Ci
Cirro-cumulus Cc
Cirro-stratus Cs
Alto-stratus As
Alto-cumulus Ac
Strato-cumulus So
Stratus St
Nimbus Nb
Nimbo-stratus Ns
Cumulus Cu
Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

STATION	At 8 h. on (الساعة ٨ يوم) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1020	+5	ENE	1	13	—	—	—	—	—	—	0	—	—	—	0	—	387	ليماسول
Haifa	1021.7	+7.7	SSE	1	15.4	21	0	10	0	63	+1	0	—	—	—	0	345	605	حيفا
Gaza	1021.5	+6.4	—	0	10.9	22	+2	5	-4	69	-3	0	9	—	0	0	360	347	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. m. 06 13
sunset h. m. 17 59

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	Region	Station	At 14h. on 7th (الساعة ١٤ يوم ٧) Bar. Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Monday 8th (الساعة ٨ يوم الاثنين ٨) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1013.8	NW	5	15.7	33	3	5	1018.6	+1.5	NW	3	10.3	18	—	8	—	83	—	1	4	Cu	5	dr	105	—
131		MATRÛH	1010.6	WNW	7	16.8	70	3	6	1016.3	-0.6	NNW	5	15.9	18	-2	12	+2	81	+7	3	6	Sc	2	0	143	144
150		DIKHEILA	1008.8	WNW	7	17.6	78	3	3	1014.8	—	NNW	5	16.3	18	—	12	—	85	—	3	7	Cb	1	1	—	—
132		ALEXANDRIA	1007.2	NW	7	18.0	76	4	7	1014.0	-2.3	N	6	16.1	19	-2	12	0	79	+7	3	8	Cu	5	dr	161	177
		DAMIETTA								1011.4	—	WNW	3	18.5	26	—	15	—	78	—	0	—	—	—	0	63	103
134		PORT SAÎD	1006.2	SE	2	21.8	56	3	7	1012.0	-2.9	WNW	5	18.0	25	+5	15	+2	76	+4	0	7	—	0	0	34	65
135		EL 'ARÎSH	1006.6	WNE	2	23.3	35	0	6	1010.7	—	WSW	3	14.0	25	—	12	—	90	—	2	5	Cb	1	0	—	—
136	Lower Egypt	DAMANHÛR								1014.0	-2.2	NNW	5	16.4	23	0	11	+3	76	-3	2	6	—	5	dr	68	95
137		MANSÛRA								1011.9	—	NW	2	15.1	26	+3	12	+4	83	+6	0	7	—	6	1	27	44
138		TANTA								1012.8	-4.2	W	3	14.5	24	0	10	+1	84	+8	0	7	—	0	0	33	36
139		ZAGÂZÎG								1013.6	—	NW	5	15.2	26	+3	11	+3	80	+3	2	7	—	—	0	12	22
141	Middle Egypt	CAIRO ALMÂZA	1007.1	W	5	23.6	47	4	5	1014.4	—	WSW	3	13.4	24	—	10	—	83	—	4	6	Sc	5	dr	—	—
		CAIRO EZBEKÎYA	1007.0	NW	4	23.8	22	4	8	1014.2	-2.2	WNW	3	13.7	24	+1	12	+2	79	+7	4	7	Sc	5	dr	9	24
		CAIRO GÎZA	1006.4	W	3	24.1	20	3	[illegible]	1013.9	-3.4	W	2	13.5	24	+1	11	+4	79	+6	3	5	Sc	5	dr	12	22
143		HELWÂN	1006.4	W	4	24.3	10	3	6	1015.0	-1.7	NW	2	12.4	24	+1	11	+1	77	+13	3	5	Cb	5	dr	14	25
144		SUEZ								1013.0	-3.4	WNW	5	16.5	24	+1	16	+4	69	-5	1	—	—	—	0	12	19
153	Upper Egypt	FAIYÛM	1007.5	W	5	23.5	24	4	6	1015.2	-2.0	WNW	3	14.1	25	0	10	+1	68	+3	0	8	—	0	0	6	10
154		MINYA	1009.3	WNW	6	24.5	39	4	6	1016.2	-0.9	NNW	2	14.1	25	+1	11	+2	66	-5	0	8	—	1	0	16	—
155		ASYÛT	1010.0	SW	5	24.2	31	0	4	1016.2	-0.9	WSW	3	14.5	24	-2	10	+1	60	-1	0	5	—	3	0	0	5
156		QENA								1015.1	-0.2	WNW	5	16.6	31	+1	11	0	55	0	0	6	—	3	0	dr	—
157		LUXOR								1014.4	—	ENE	4	17.2	32	—	13	—	50	—	8	7	—	4	0	dr	—
158		ASWÂN	1007.8	S	1	34.3	18	3	6	1015.9	-0.1	—	0	16.0	36	+6	13	0	40	0	0	4	—	3	0	1	—
148	Western Desert	SÎWA	1014.8	WNW	3	21.5	40	0	6	1017.4	+0.4	—	0	11.9	23	-1	8	+1	67	+3	0	6	—	0	0	28	5
149		BAHARÎYA	1012.0	WNW	6	21.0	43	4	5	1017.6	—	WNW	4	13.5	22	—	10	—	72	—	0	7	—	3	0	26	—
151		KHÂRGA	1011.0	NW	6	27.5	55	0	9	1017.1	+0.7	N	1	16.3	31	+3	12	+2	68	+15	0	9	—	0	0	0	0
152		DÂKHLA	1013.0	NW	6	23.8	27	7	3	1018.8	+1.8	NW	3	15.5	27	-1	8	-1	37	-7	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1012.6	-2.8	NNW	5	17.1	28	+5	14	+2	60	-2	2	6	—	1	0	13	13
146		HURGHÂDA								1012.6	-2.6	NW	6	18.9	26	+1	14	+2	57	+7	6	2	—	0	0	dr	0
147		QUSEIR								1014.0	-0.7	W	4	20.3	28	+3	14	-2	36	-6	—	1	—	3	0	1	7
169		PORT SUDAN	1005.0	NE	4	25.3	—	0	—																		
165	North Sudan	WÂDI HALFA								1018.0	+2.2	NW	3	14.0	31	+1	11	0	47	+12	2	6	Ci	1	—	—	—
166		KAREIMA								1014.4	+0.7	NNE	4	18.0	34	0	16	0	29	+5	6	4	—	4	0	dr	1
167		'ATBARA	1005.5	NNW	3	35.1	—	0	—																		
168		KHARTÛM								1010.6	-0.6	N	4	21.7	38	+1	16	-2	17	-3	0	7	Ci	0	0	4	5
170		KASSALA								1008.3	-1.5	SE	1	22.3	38	+1	15	-4	58	+8	0	8	—	0	0	dr	11
171	Central Sudan	WAD MEDANI	1005.1	N	4	37.0	—	0	—	1008.8	-1.8	N	4	25.0	38	0	19	+1	11	-12	0	—	—	3	0	56	13
173		DUEIM								—	—	NW	4	22.6	38	+1	17	+1	4	-16	0	—	—	0	0	21	12
		RENK														—		—		—							
172		ROSEIRES								1007.4	-2.0	WNW	2	24.8	38	-1	18	-1	28	0	0	—	—	0	0	3	39
174		EL OBEID								1010.6	-1.9	NNW	5	20.6	37	+3	15	+1	22	0	0	8	Ci	0	0	23	19
175		EL FÂSHER	—	ESE	2	36.0	—	0	—	—	—	NNW	1	19.0	38	+4	13	-1	30	+7	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	1001.3	NE	2	40	—	1	8	1007.2	-2.3	NNE	4	27.4	41	+3	21	0	32	+8	2	7	Ci;Ac	1	0	81	95
177		WÂU	1005.8	NE	3	40.3	—	1	—	1010.7	+1.4	NW	1	25.0	40	+2	21	+1	28	-17	2	—	—	1	0	201	159
178		JÛBA	1001.1	ENE	3	39	—	4	8	1007.8	-2.0	NNW	1	28.2	42	+5	25	+3	44	-17	4	8	Cu;Sc	1	0	161	155
179		Geneina								—	—	E	5	18.9	37	—	15	—	23	—	1	6	Ci	0	0	—	—
180		Gallabat	—	N	3	37.0	—	0	—	—	—	N	2	27.5	40	—	22	—	67	—	0	—	—	0	0	—	—

Upper Wind Observations on 8th — ارصاد الرياح العليا يوم ٨

(Dir. E. of N. / Kms. per hour)

Height metres above M.S.L.	Salum 07h. 00m.	Matruh 07h. 00m.	Dikheila 07h. 00m.	Almaza 08h. 15m.	Cairo 08h. 30m.	Helwan 09h. 30m.	Asyut 07h. 00m.	Aswan 07h. 00m.	W. Halfa 07h. 00m.	Kareima 06h. 00m.	Khartum 06h. 00m.	Geneina 07h. 00m.	Kassala 06h. 00m.	El Obeid 06h. 00m.	Malakal 06h. 00m.
200	270 / 15	330 / 42	320 / 48	280 / 22	— / —	290 / 14	— / —	— / —	350 / 47	— / —	— / —	— / —	— / —	— / —	— / —
500	— / —	330 / 52	320 / 48	300 / 44	320 / 38	310 / 23	320 / 48	340 / 36	0 / 66	20 / 53	10 / 68	— / —	340 / 8	— / —	30 / 56
1000	350 / 26	Ent SC	330 / 37	310 / 38	340 / 37	Ent Ck	320 / 54	350 / 39	10 / 53		20 / 63	0 / 74	20 / 27	10 / 74	30 / 64
1500	350 / 38			Ent Cu			330 / 63		10 / 37		20 / 39	0 / 82	30 / 24	30 / 66	30 / 64
2000	340 / 39										10 / 48	80 / 64	10 / 18	40 / 24	40 / 40
3000											220 / 27		320 / 34	60 / 14	70 / 14
4000														310 / 11	310 / 11
5000															70 / 23
6000															

Forecast for 24 hours from noon on 8th

On the coast fresh northwest winds, moderating.
Inland moderate northwest winds.
Some low cloud.
Temperature slightly below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٨
رياح شمالية غربية شديدة نوعا ثم تعتدل على الساحل
ورياح شمالية غربية معتدلة في الداخل
ظهور بعض السحاب المنخفض
ودرجة الحرارة دون المعدل قليلا

Station	Mean of day Humidity % on 7th	Diff. from normal	Wet Bulb Temp. °C on 7th	Diff. from normal
Alexandria	77	+12	13.4	+1.0
Ezbekiya	55	-3	11.6	-0.8
Gîza	48	-13	10.9	-1.1
Helwân	35	-12	9.7	-0.7

Gîza Grass minimum on 8th 8.6 °C

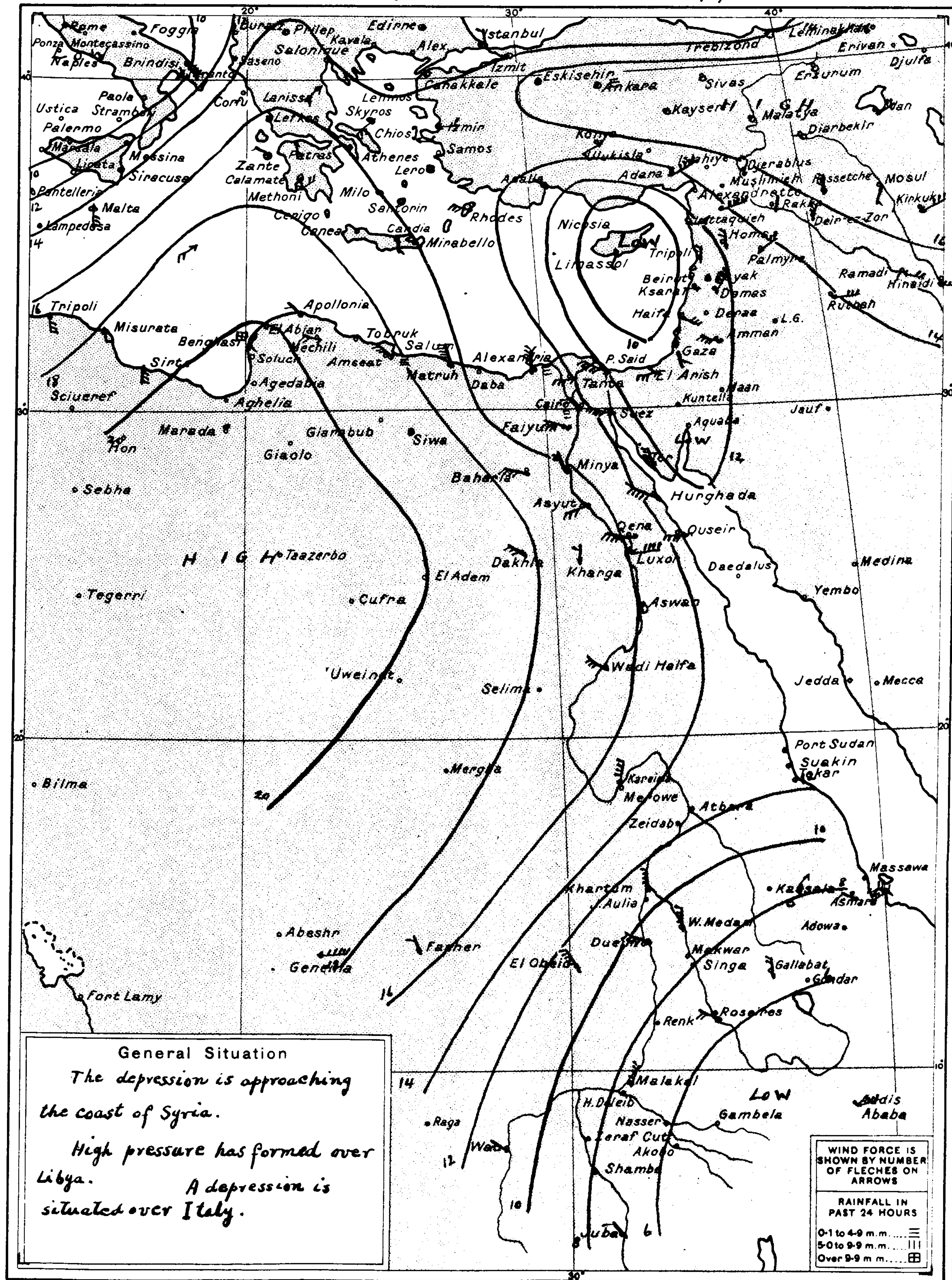
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
8.3	868	902
7.3	867	903

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7.3	13.12	-0.15	13.13	-0.14
Nâsser	7.3	5.21	+0.14	5.23	+0.15
Malakâl	8.3	10.17	-0.11	10.17	-0.12
Roseires	8.3	12.03	+0.56	12.05	+0.57
Sennâr Res.	7.3	19.68	—	19.72	—
Khartûm	7.3	10.25	-0.07	10.27	-0.07
Kh. el Girba					
'Atbara	8.3	9.95	-0.18	9.95	-0.18
Kajnarti	7.3	131.96	-0.49	131.96	-0.53
Wâdi Halfa					
Aswân Res.	8.3	119.22	—	119.32	—
,, D. S.	8.3	85.59	-0.24	85.58	-0.27
El Leisi	8.3	17.50	+0.19	17.50	+0.17
Rôda (Cairo)	8.3	15.77	+0.19	15.79	+0.21

Printed by the Survey of Egypt, 1936. (36/530)

١٩٣٧-٣-٨ Pressure and Wind at 8 h. 8-3-1937



General Situation

The depression is approaching the coast of Syria.

High pressure has formed over Libya. A depression is situated over Italy.

WIND VELOCITY

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

PRESENT WEATHER

Clear 0; ¼ Clouded 1; ½ Clouded 2; ¾ Clouded 3; Entirely clouded 4; Raining 5; Sand haze 6; Sand storm 7; Mist or Fog 8; Thunderstorm 9

VISIBILITY

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

CLOUD FORM

Cirrus Ci; Cirro-cumulus Cc; Cirro-stratus Cs; Alto-stratus As; Alto-cumulus Ac; Strato-cumulus Sc; Stratus St; Nimbus Nb; Nimbo-stratus Ns; Cumulus Cu; Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 7-3-1937 — الساعة ٨ يوم ٧-٣-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1011	-4	ENE	3	17	—	—	—	—	—	—	0	—	—	—	0	—	388	لماسول
Haifa	1011.6	-2.5	ESE	3	19.5	23	+2	13	+3	67	+5	0	—	—	—	0	345	606	حيفا
Gaza	1009.8	-5.3	—	0	17.8	23	+3	8	-1	60	-12	0	9	—	0	0	360	347	غزة
Dekheila	1009.8	—	ESE	3	12.0	25	—	10	—	88	—	4	8	Ac	2	0	—	—	الدخيلة
Hurghada	1011.2	-4.1	SSW	2	21.8	24	—	10	-1	40	-11	0	9	—	0	0	dr	0	الغردقة
Ships	13313	—	29412	—	28501	—	08863												سفن
	23351	—	17976	—	20201	—	19959	—	61613	—	62002								

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. m. 06 12
sunset h. m. 17 59

Month March 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 8th الساعة ١٤ يوم ٨ — At 8h. on Tuesday 9th الساعة ٨ يوم الثلاثاء ٩

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1019.2	NNE	4	16.2	60	1	6	1021.1	+4.0	SSE	2	12.5	17	—	10	—	72	—	0	6	—	0	0	105	—
131		MATRÛH	1017.8	NNW	3	17.2	76	0	6	1021.2	+4.3	SSE	2	13.4	18	-2	13	+3	86	+12	0	6	—	0	0	143	145
150		DIKHEILA														—		—		—							
132		ALEXANDRIA	1016.4	NNE	6	19.4	69	3	9	1021.9	+5.6	—	0	17.0	20	-1	14	+2	79	+7	0	8	—	0	0	161	177
		DAMIETTA								1020.8	—	NNW	2	19.0	23	—	12	—	78	—	0	—	—	—	0	63	103
134		PORT SAÏD	1014.0	SSW	4	22.0	63	0	7	1021.2	+6.4	NE	3	19.1	22	+2	15	+2	75	+3	2	7	Sc	0	0	34	66
135		EL ʿARÎSH	1013.0	WNW	3	19.1	86	0	6	1020.7	—	WSW	1	16.0	20	—	12	—	87	—	0	6	Cb	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1021.9	+5.8	—	0	12.9	22	-1	9	+1	91	+12	0	4	—	1	0	68	95
137		MANSÛRA								1020.8	—	NE	1	13.5	23	0	11	+2	89	+12	0	7	—	1	0	27	44
138		TANTA								1021.6	+4.6	—	0	14.0	23	-1	7	-2	96	+20	0	7	—	1	0	33	36
139		ZAGÂZÎG								1022.6	—	SW	2	11.8	23	0	7	-1	95	+19	8	1	—	—	0	12	22
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1015.0	NW	3	22.2	41	3	9	1021.6	—	NNW	1	12.2	23	—	8	—	98	—	8	1	St	5	Tr	—	—
		EZBEKÎYA	1014.6	WNW	2	23.2	47	3	8	1021.8	+5.5	—	0	12.6	23	-1	12	+2	97	+25	8	2	—	4	0	9	25
		GÎZA	1014.6	N	2	22.0	50	3	6	1021.6	+4.4	NNW	1	12.1	23	0	7	0	99	+26	8	2	—	4	0	12	22
143		HELWÂN	1015.0	N	2	20.6	45	3	7	1022.8	+6.1	NW	1	12.4	22	-1	9	-1	95	+31	4	6	Sc	1	0	14	26
144		SUEZ								1021.6	+5.2	N	1	14.2	24	+1	12	0	87	+13	2	—	—	—	0	12	19
153	UPPER EGYPT	FAIYÛM	1015.1	N	3	22.1	39	2	8	1022.0	+4.8	N	3	12.0	23	-2	10	+1	95	+30	4	4	St	2	0	6	10
154		MINYA	1015.8	N	3	21.6	46	2	8	1020.8	+3.8	N	2	14.0	22	-2	10	+1	81	+10	0	8	—	1	0	16	—
155		ASYÛT	1015.0	NW	3	21.0	34	0	7	1021.4	+4.4	WSW	2	14.5	22	-4	9	0	68	+8	0	8	—	0	0	0	5
156		QENA								1019.9	+4.6	WNW	1	16.4	25	-5	10	-1	62	+7	0	6	—	0	0	dr	—
157		LUXOR								1018.8	—	—	0	17.0	24	—	8	—	54	—	0	7	—	0	0	dr	—
158		ASWÂN	1013.6	N	6	23.0	25	0	4	1018.7	+2.9	—	0	14.5	24	-6	11	-2	53	+14	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1018.4	—	0	21.8	51	0	6	1020.4	+3.4	—	0	14.1	23	-2	5	-3	68	+4	0	6	—	0	0	28	5
149		BAHARÎYA	1016.7	N	2	20.7	45	0	9	1021.5	—	SW	1	15.2	22	—	8	—	76	—	0	9	—	0	0	26	—
151		KHÂRGA	1015.9	N	4	21.5	63	0	9	1021.5	+5.2	N	2	16.3	22	-6	9	-1	68	+16	0	9	—	0	0	0	0
152		DÂKHLA								1021.2	+4.3	NNW	1	12.3	21	-7	7	-2	53	+9	0	7	—	0	0	dr	—
145	RED SEA	TÔR								1020.0	+4.6	NW	3	18.7	22	-2	13	+1	65	+3	0	6	—	2	0	13	13
146		HURGHÂDA								1020.0	+4.8	NNW	4	19.0	23	-2	13	+1	61	+11	0	8	—	0	0	dr	0
147		QUSEIR								1019.9	+5.3	WNW	4	22.0	24	-1	18	+2	55	+13	0	7	—	0	0	1	7
169		PORT SUDAN	1009.8	NE	3	25.7	—	0	—	1015.8	+2.5	NE	6	22.5	30	+2	18	-1	39	-26	0	—	—	0	0	42	106
165	NORTH SUDAN	WÂDI HALFA	1016.0	NNW	3	24	—	0	7	1014.1	+3.4	NNW	1	13.0	23	-7	9	-3	55	+20	0	8	—	0	—	—	—
166		KAREIMA	1012.7	NNE	4	29	—	0	5	1015.2	+1.6	N	4	16.3	29	-5	12	-4	29	+5	0	7	—	0	0	dr	1
167		ʿATBARA	1007.9	N	[illegible]	33.0	—	0	—	1014.0	+1.6	N	4	19.5	32	-3	15	-1	35	+16	0	—	—	0	0	5	1
168		KHARTÛM	1006.5	NNE	5	34	—	0	4	1013.2	+2.2	N	4	18.7	35	-2	13	-5	23	+3	0	7	—	3	0	4	5
170		KASSALA	1006.9	WNW	2	34.6	—	0	—	1008.6	-1.2	NE	6	22.6	36	-1	17	-2	66	+17	0	6	—	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI	1006.0	NE	4	35.0	—	0	—	1012.0	+1.4	N	4	20.8	36	-2	17	-1	17	-6	0	—	—	0	0	56	13
173		DUEIM	1004.8	N	3	32.5	—	0	—	1012.2	+1.4	NNW	5	21.4	35	-2	16	0	15	-5	0	—	—	0	0	21	12
		RENK									—					—		—		—							
172		ROSEIRES								1010.0	+0.7	WSW	3	22.8	40	+1	18	-1	20	-8	0	—	—	1	0	3	39
174		EL OBEID	1006.5	NE	5	32	—	0	8	1013.6	+1.2	NNW	3	17.0	33	-1	14	0	16	-6	0	8	—	0	0	23	20
175		EL FÂSHER	1002.7	NE	5	35	—	0	8	—	—	NW	2	17.5	35	+1	13	-1	31	+8	0	—	—	0	0	0	8
176	S. SUDAN	MALAKÂL	1002.3	NE	4	39	—	2	7	1010.0	+0.5	NE	4	24.8	39	+1	21	0	34	+15	1	6	Cs	1	0	81	95
177		WÂU	1007.8	NE	3	34.9	—	2	—	1012.5	+4.3	N	3	24.8	40	+2	20	0	32	-13	1	—	—	1	0	201	160
178		JÛBA	1002.8	NNE	3	38	—	4	7	1009.1	-0.7	ESE	4	26.6	39	+2	22	0	63	+1	4	8	Sc	0	0	161	156
179		Geneina	—	ENE	6	31	—	1	5	—	—	E	3	17.0	37	—	17	—	18	—	8	6	Ci	0	0	—	—
180		Gallabat	—	N	4	38.1	—	2	—	—	—	—	0	24.5	38?	—	20	—	60	—	0	—	—	4	0	—	—

Upper Wind Observations on 9th ارصاد الرياح العليا يوم ٩

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms. per hour	Matruh 07h.00m. Dir.	Matruh Kms.	Helwan 07h.00m. Dir.	Helwan Kms.	Asyut 07h.00m. Dir.	Asyut Kms.	Aswan 07h.00m. Dir.	Aswan Kms.	W.Halfa 07h.00m. Dir.	W.Halfa Kms.	Kareima 06h.00m. Dir.	Kareima Kms.	Khartum 06h.00m. Dir.	Khartum Kms.	Geneina 07h.00m. Dir.	Geneina Kms.	Kassala 07h.00m. Dir.	Kassala Kms.	El Obeid 06h.00m. Dir.	El Obeid Kms.	Malakal 06h.00m. Dir.	Malakal Kms.	Juba 07h.00m. Dir.	Juba Kms.	Abukir (R.A.F.) 07h.00m. Dir.	Abukir Kms.	Salum 8th 13h.00m. Dir.	Salum 8th Kms.
200	160	10	160	29	350	13	—	—	—	—	20	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	350	5	20	21
500	—	—	240	6	50	29	20	26	60	17	30	40	30	60	10	63	—	—	70	14	—	—	30	47	—	—	80	2	—	—
1000	320	7	270	26	40	28	20	23	50	34	50	35	40	50	30	77	[illegible]	64	40	27	20	63	10	71	280	19	150	5	290	17
1500	270	8	190	12	40	23	60	16	50	32	60	47	10	27	10	34	60	60	50	14	40	34			350	13	180	2	330	14
2000	220	23	250	12	40	22	80	18			40	82	20	24	350	32	70	37	310	18	40	14			110	31	0	14		
3000	220	22	300	22	Disinlin								340	27			240	40	290	35	270	11			170	14	0	34		
4000																	290	24												
5000																														
6000																														

Forecast for 24 hours from noon on 9th

On the coast light southeast winds, freshening.
Inland light north winds becoming moderate northeast to east.
Mainly clear.
Becoming slightly warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٩
رياح جنوبية شرقية خفيفة ثم تشتد نوعا على الساحل
ورياح خفيفة شمالية ثم تصير بين شمالية شرقية
وشرقية معتدلة في الداخل
السماء صحو على العموم
ترتفع درجة الحرارة قليلا

STATION	Mean of day Humidity % on 9th	Diff. from normal	Wet Bulb Temp. °C on 9th	Diff. from normal
Alexandria	81	+16	15.1	+2.1
Ezbekîya	69	+11	14.2	+1.7
Gîza	66	+6	13.8	+1.6
Helwân	58	+11	12.4	+2.0

Gîza Grass minimum on 9th 4.1 °C

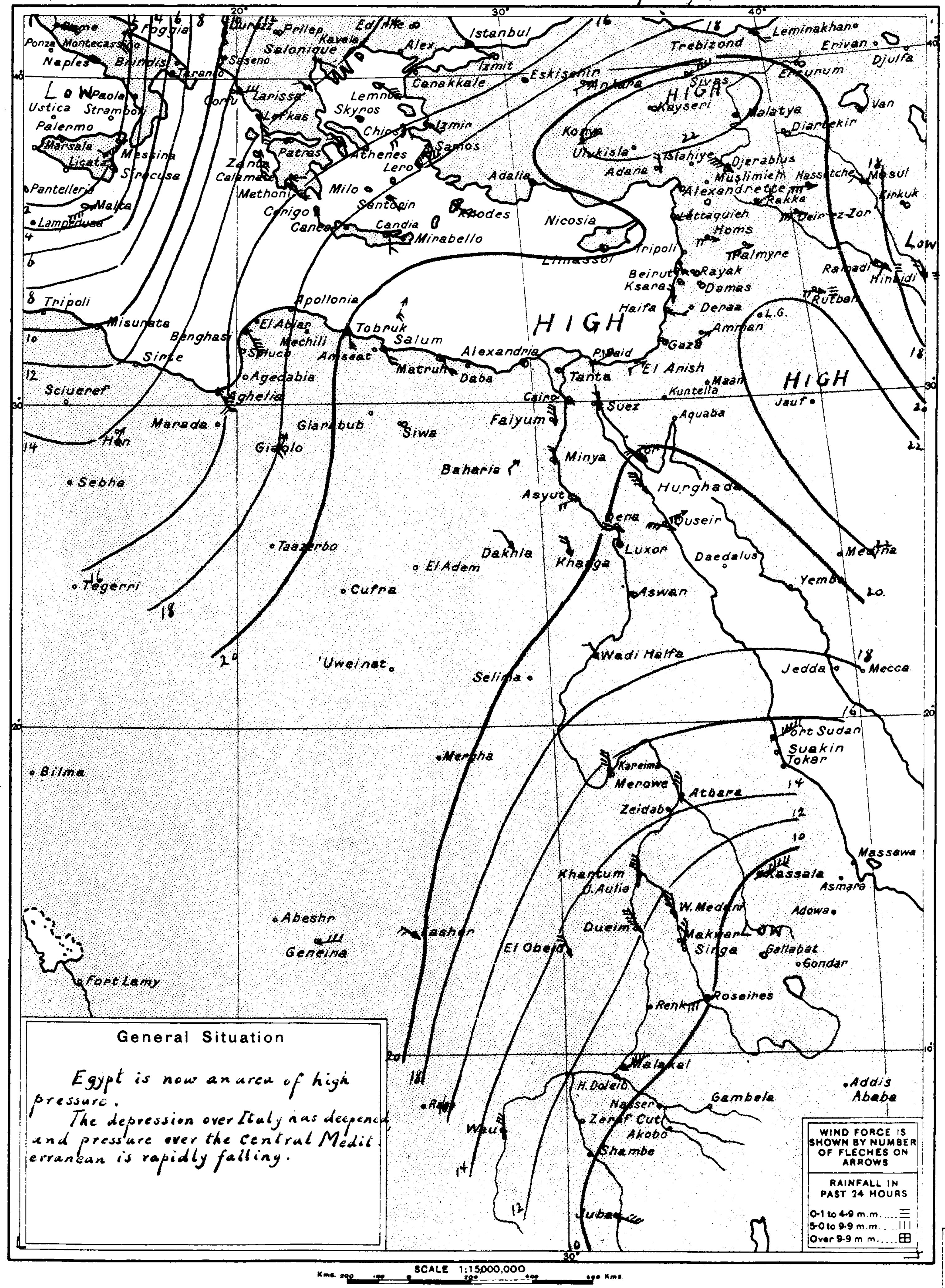
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
9.3	868	890
8.3	868	902

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8.3	13.10	-0.17	13.12	-0.15
Nâsser	8.3	5.15	+0.09	5.21	+0.14
Malakâl	7.3	10.17	-0.10	10.17	-0.11
Roseires	9.3	12.00	+0.55	12.03	+0.56
Sennâr Res.	8.3	17.63	—	17.68	—
Khartûm	8.3	10.20	-0.07	10.25	-0.07
Kh. el Girba					
ʿAtbara	8.3	7.75	-0.18	7.75	-0.18
Kajnarti	8.3	131.96	-0.45	131.96	-0.49
Wâdi Halfa					
Aswân Res.	9.3	117.20	—	117.22	—
" D. S.	9.3	85.56	-0.24	85.57	-0.24
El Leisi	9.3	17.50	+0.20	17.53	+0.17
Rôda (Cairo)	8.3	15.77	+0.17	15.79	+0.21

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧-٣-٩ Pressure and Wind at 8 h. 9-3-1937



General Situation

Egypt is now an area of high pressure.
The depression over Italy has deepened and pressure over the central Mediterranean is rapidly falling.

WIND VELOCITY

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

PRESENT WEATHER

Clear 0
¼ Clouded 1
½ Clouded 2
¾ Clouded 3
Entirely clouded 4
Raining 5
Sand haze 6
Sand storm 7
Mist or Fog 8
Thunderstorm 9

VISIBILITY

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

CLOUD FORM

Cirrus Ci
Cirro-cumulus Cc
Cirro-stratus Cs
Alto-stratus As
Alto-cumulus Ac
Strato-cumulus Sc
Stratus St
Nimbus Nb
Nimbo-stratus Ns
Cumulus Cu
Cumulo-nimbus Cb

PAST WEATHER

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

At 8 h. on 8-3-1937 الساعة ٨ يوم ٨-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1008	-7	SSW	1	19	—	—	—	—	—	—	0	—	—	—	0	—	390	ليماسول
Haifa	1010.2	-3.9	ESE	3	19.0	28	+7	15	+5	69	+7	0	—	—	—	0	345	607	حيفا
Gaza	1010.0	-5.1	SSE	1	16.2	28	+8	12	+3	87	+16	2	6	—	1	0	360	348	غزة
Ships	33333	—	25106	—	18221	—	21760	—	60083	—	52100								سفن

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise 06 h. 11 m.
sunset 18 h. 00 m.

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on *9th* الساعة ١٤ يوم ٩ — At 8h. on *Wednesday 10th* الساعة ٨ يوم الاربعاء ١٠

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m. m.	Total fr. Oct. 1 to yesterday m. m.	Normal fr. Oct. 1 to yesterday m. m.
130	Mediterranean	SALUM	1018.6	SSW	4	22.9	29	0	7	1017.4	+0.3	SSE	2	17.3	25	—	12	—	41	—	2	6	Ci	0	0	105	—
131		MATRUH	1018.8	NNE	3	19.1	70	0	6	1018.0	+1.2	E	1	12.8	22	+2	10	0	75	+1	1	6	Sc	1	0	143	145
150		DIKHEILA	1021.7	NNE	3	18.7	74	0	—	1020.5	—	ESE	4	12.6	21	—	11	—	100	—	8	4	St	4	0	—	
132		ALEXANDRIA	1020.7	ENE	2	21.0	66	0	9	1019.6	+3.4	SW	4	12.3	22	+1	12	0	100	+29	8	0	—	4	0	161	177
		DAMIETTA								1019.5	—	SE	2	18.3	23	—	14	—	85	—	0	—	—	—	0	63	103
134		PORT SAID	1020.7	NE	3	22.5	60	1	7	1020.2	+5.4	ESE	3	19.1	24	+3	15	+2	73	+3	0	7	—	0	0	34	66
135		EL ARÎSH	1019.8	NNW	2	19.0	70	0	6	1020.2	—	—	0	15.0	20	—	9	—	87	—	0	6	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1019.9	+3.8	ENE	2	15.1	26	+3	10	+2	88	+9	0	6	—	0	0	68	96
137		MANSÛRA								1019.6	—	NE	1	15.0	24	+1	12	+3	91	+14	1	6	—	1	0	27	45
138		TANTA								1019.4	+2.4	—	0	17.0	25	+1	9	0	85	+9	0	7	—	0	0	33	36
139		ZAGÂZIG								1020.3	—	ESE	3	13.3	23	0	8	0	95	+19	2	6	—	—	0	12	22
141	Middle Egypt, Cairo	ALMÂZA	1020.6	NE	2	21.0	47	0	8	1019.5	—	—	0	14.8	23	—	7	—	78	—	0	7	—	0	0	—	—
		EZBEKÎYA	1019.8	NNE	4	22.0	50	0	8	1018.8	+2.6	W	1	12.4	24	0	10	0	94	+22	8	3	—	4	0	9	25
		GÎZA	1019.5	NE	2	22.0	47	0	6	1019.1	+2.0	NNW	1	10.7	23	0	9	+1	100	+27	8	2	—	4	0	12	22
143		HELWÂN	1019.4	NE	4	23.0	31	0	6	1019.1	+2.5	—	0	11.4	23	0	11	0	84	+20	0	4	—	0	0	14	26
144		SUEZ								1019.4	+3.1	N	1	15.0	24	+1	12	0	78	+4	0	—	—	—	0	12	19
153	Upper Egypt	FAIYÛM	1019.6	ENE	2	23.5	30	0	8	1019.1	+2.0	ESE	1	15.8	25	0	9	0	69	+4	0	7	—	0	0	6	10
154		MINYA	1018.6	NNE	3	24.3	40	0	9	1018.8	+1.8	NNE	1	16.2	25	0	9	0	64	-7	0	7	—	1	0	16	—
155		ASYÛT	1017.9	N	3	25.5	26	0	8	1018.4	+1.5	E	3	16.0	29	+3	10	+1	50	-10	0	8	—	0	0	0	5
156		QENA								1018.6	+3.4	NE	3	18.2	29	-1	10	-1	35	-19	0	7	—	0	0	dr	—
157		LUXOR								—	—	NE	2	18.0	29	—	8	—	53	—	0	7	—	0	0	dr	—
158		ASWÂN	1013.6	N	2	29.0	24	0	6	1017.4	+1.6	NNE	1	16.4	31	+1	12	-1	50	+11	0	6	—	0	0	1	—
148	Western Desert	SÎWA	1018.0	SE	2	24.6	49	0	6	1016.7	-0.2	—	0	14.4	26	+1	6	-2	65	+1	0	6	—	0	0	28	5
149		BAHARÎYA	1018.6	S	1	25.6	38	0	9	1018.7	—	—	0	17.1	26	—	7	—	65	—	0	9	—	0	0	26	—
151		KHÂRGA	1016.6	N	1	27.2	49	0	9	1017.9	+1.6	N	1	18.0	28	0	12	+2	68	+16	0	9	—	0	0	0	0
152		DÂKHLA	1015.6	ESE	4	27.7	19	0	8	1018.4	+1.6	—	0	15.1	28	0	9	0	37	-6	0	7	—	0	0	dr	—
145	Red Sea	TOR								1019.4	+4.1	N	1	17.1	23	-1	12	0	69	+7	0	6	—	0	0	13	13
146		HURGHADA								1019.1	+4.0	NW	3	21.5	24	-1	13	+1	44	-6	0	8	—	0	0	dr	0
147		QUSEIR								1018.8	+4.3	WNW	2	21.6	25	0	16	0	49	+7	0	7	—	0	0	1	7
169		PORT SUDAN	1013.3	NE	6	26.3	—	1	—	1014.4	+1.2	N	3	22.6	26	-3	18	-1	43	-22	0	—	—	0	0	42	106
165	North Sudan	WÂDI HALFA	1015.3	NNW	3	25	—	0	8	1016.5	+0.9	NNW	1	15.2	27	-4	11	-1	68	+33	0	8	—	0	—	—	—
166		KAREIMA	1012.4	ENE	1	28	—	0	7	1013.6	+0.1	ENE	1	19.1	30	-4	14	-2	38	+14	0	7	—	0	0	dr	1
167		'ATBARA	1007.6	NNE	1	31.8	—	0	—																		
168		KHARTÛM	1008.2	NNE	4	33	—	6	4	1010.5	-0.5	NNE	4	20.7	34	-3	16	-2	25	+5	0	7	—	0	0	4	5
170		KASSALA	1003.4	N	4	34	—	0	8	1009.3	-0.4	E	1	23.0	35	-3	14	-5	59	+10	0	8	—	0	0	dr	11
171	Central Sudan	WAD MEDANI	1007.9	NE	3	33.0	—	0	—	1009.0	-1.5	NE	3	21.9	35	-3	16	-2	35	+12	0	—	—	0	0	56	13
173		DUEIM	1007.5	N	4	32.6	—	0	—	1011.2	+0.5	N	3	22.4	34	-3	17	+1	19	-1	0	—	—	0	0	21	12
		RENK																—		—							
172		ROSEIRES	1006.7	WNW	2	36.4	—	0	—	1008.6	-0.6	W	2	23.7	38	-1	18	-1	29	+1	0	—	—	0	0	3	39
174		EL OBEID	1007.7	N	3	29	—	1	8	1011.7	-0.6	N	2	18.4	31	-4	14	0	26	+4	0	8	Ci	0	0	23	20
175		EL FÂSHER	—	ESE	2	33.0	—	0	—	—	—	NW	2	15.5	34	0	12	-2	36	+13	0	—	—	—	0	0	8
176	S. Sudan	MALAKÂL	—	NE	3	36	—	2	6	1009.1	-0.4	NNE	4	24.6	37	-2	19	-2	42	+18	2	7	Cs	1	0	81	96
177		WÂU	1008.6	NE	3	37.0	—	1	—	1013.1	+4.0	NNW	3	23.2	37	-1	19	-1	27	-19	1	—	—	1	0	201	161
170		JÛBA	1003.1	NE	3	37	—	4	7	1009.2	-0.6	W	2	27.8	39	+2	23	+1	51	-11	4	7	Sc	0	0	161	157
179		*Geneina*	—	E	4	32	—	0	6	—	—	ENE	3	16.2	—	—	15	—	24	—	3	8	Ci	0	0	—	—
180		*Gallabat*	—	—	3	30.1	—	0	—	—	—	NNW	1	26.0	37	—	20	—	72	—	0	—	—	4	0	—	—

Upper Wind Observations on *10th* ارصاد الرياح العليا يوم ١٠

Height metres above M.S.L. — Dir. E. of N. / Kms per hour

Height	Salum 07h.00m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Almaza 07h.30m. Dir.	Kms	Cairo 08h.30m. Dir.	Kms	Helwan 08h.45m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	W. Halfa 07h.00m. Dir.	Kms	Kareima 06h.00m. Dir.	Kms	Khartum 04h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Juba 06h.00m. Dir.	Kms
200	160	15	150	38	0	4	140	1	90	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	170	18	170	11	200	2	310	7	130	26	70	34	80	31	70	40	40	42	—	—	40	8	—	—	10	55	—	—
1000	190	41	210	19	170	12	170	15	150	18	90	14	80	34	70	43	60	43	20	34	60	43	70	13	20	60	20	74	290	21
1500	220	28	220	19	210	11	180	13	160	11	110	16	120	13	80	31	60	34	350	8	110	19	60	6	50	24	40	42	50	8
2000	200	27	190	28	130	20	150	20	130	16	120	10			70	26	10	24	280	8	230	5	210	10	90	2	20	19	130	18
3000					260	17	260	11	230	18							60	3	240	14	260	19			270	18	30	19	60	21
4000									220	30							10	14												
5000									240	39																				
6000																														

Forecast for 24 hours from noon on *10th*

On the coast moderate to fresh southeast to south winds.

Inland light variable winds, becoming moderate southeast later.

Clear at first, some high cloud later. Warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٠
رياح معتدلة الى شديدة نوعا جنوبية شرقية الى جنوبية على السواحل
ورياح خفيفة مختلفة الاتجاه تتحول الى جنوبية شرقية معتدلة في الداخل
السماء صحو اولا ثم يظهر بعض السحاب العالي فيما بعد
وتزداد حرارة الجو

STATION	Mean of day Humidity % on 9th	Diff. from normal	Wet Bulb Temp. °C on 9th	Diff. from normal
Alexandria	76	+11	15.4	+2.9
Ezbekiya	77	+19	14.2	+1.6
Gîza	76	+16	13.9	+1.6
Helwân	64	+17	13.0	+2.5

Gîza Grass minimum on 9th 6.0 °C

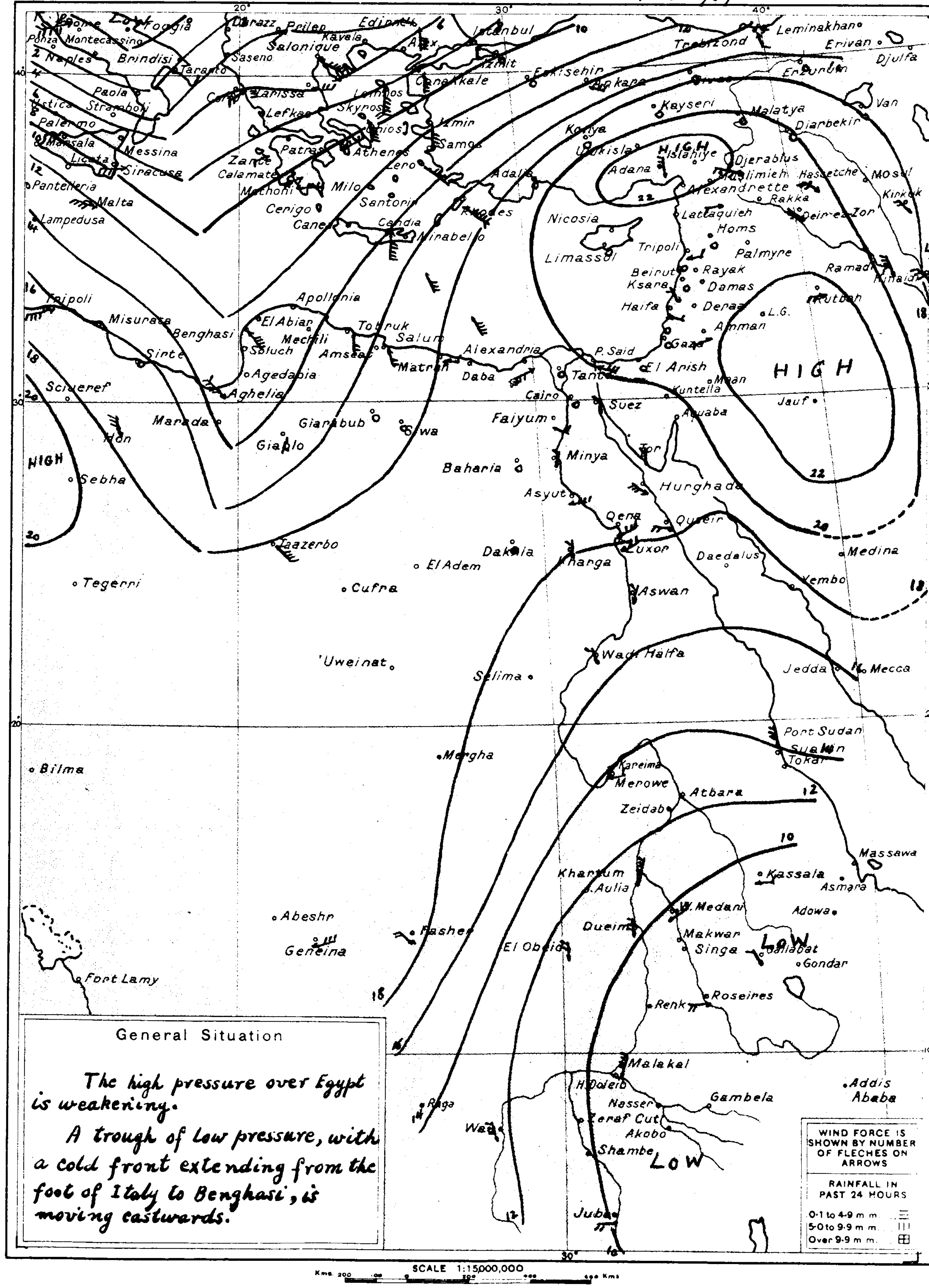
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
10.3	869	889
9.3	868	890

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9.3	13.11	-0.16	13.10	-0.17
Nâsser	9.3	5.13	+0.08	5.15	+0.09
Malakâl	10.3	10.17	-0.08	10.17	-0.10
Roseires	10.3	11.98	+0.55	12.00	+0.55
Sennâr Res.	9.3	19.56	—	19.63	—
Khartûm	9.3	10.14	-0.10	10.20	-0.07
Kh. el Girba					
'Atbara					
Kajnarti	9.3	9.97	-0.15	9.95	-0.18
Wâdi Halfa	9.3	131.91	-0.47	131.96	-0.45
Aswân Res.	10.3	119.13	—	119.20	—
" D. S.	10.3	85.58	-0.22	85.58	-0.24
El Leisi	10.3	17.50	+0.21	17.50	+0.20
Rôda (Cairo)	10.3	15.79	+0.21	15.77	+0.19

Printed by the Survey of Egypt, 1936. (36/530)

١٩٣٧-٣-١٠ Pressure and Wind at 8 h. *10-3-1937*



General Situation

The high pressure over Egypt is weakening.

A trough of low pressure, with a cold front extending from the foot of Italy to Benghasi, is moving eastwards.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on *9-3-1937* الساعة ٨ يوم ٩-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1014	+5	—	0	15	—	—	—	—	—	—	0	—	—	—	0	—	391	ليماسول
Haifa	1021.0	+7.0	ESE	1	17.7	25	+4	12	+2	69	+7	0	—	—	—	0	345	608	حيفا
Gaza	1020.3	+5.3	—	0	15.8	21	0	12	+3	85	+14	0	9	—	0	0	300	347	غزة
Ships	43328	—	28006	—	14441	—	18863	—	60064	—	43619								سفن

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. 06 m. 10
sunset h. 18 m. 01

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 10th — الساعة ١٤ يوم ١٠ | At 8h. on Thursday 11th — الساعة ٨ يوم الخميس ١١

No.		STATION	14h. Barometric Pressure Reduced to M.S.L. m.b.	14h. Wind Dir.	14h. Wind Force	14h. Temperature °C	14h. Humidity %	14h. Present Weather	14h. Visibility	8h. Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1015.4	SW	4	26.4	22	4	6	1019.4	+2.4	N	4	14.1	27	—	13	—	70	—	1	5	Cu	1	0	105	—
131		MATRÛH	1016.3	E	3	22.2	56	4	6	1017.2	+0.5	WNW	5	16.4	24	+4	12	+2	86	+12	4	6	Sc	2	0	143	146
150		DIKHEILA								1017.2	—	SSE	1	15.8	21	—	12	—	86	—	3	8	Ac	2	0	—	—
132		ALEXANDRIA	1017.9	NE	2	21.1	74	2	9	1016.8	+0.6	S	1	16.3	25	+4	12	0	87	+16	4	6	Ac	2	0	161	178
		DAMIETTA								1016.2	—	NNW	1	19.5	24	—	14	—	77	—	3	—	—	—	0	63	104
134		PORT SAÎD	1018.0	NE	3	21.5	74	1	7	1017.0	+2.3	NE	2	19.1	23	+2	15	+2	59	+13	3	7	Cc	0	0	34	66
135		EL 'ARÎSH	1017.6	NNE	3	21.0	62	0	6	1016.6	—	—	0	18.2	24	—	11	—	63	—	1	6	Sc	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1017.1	+1.0	ENE	1	16.1	28	+5	11	+2	82	+3	3	4	—	1	0	68	96
137		MANSÛRA								1016.2	—	NNE	1	15.9	29	+6	11	+2	80	+3	1	6	—	1	0	27	45
138		TANTA								1016.7	-0.3	S	4	16.0	30	+6	7	-2	84	+8	0	5	—	0	0	33	36
139		ZAGÂZÎG								1017.0	—	SW	2	17.7	29	+6	10	+2	72	-4	2	8	—	—	0	12	22
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1017.7	W	2	27.4	35	0	8	1016.4	—	SSE	1	21.9	28	—	11	—	39	—	4	7	Ci	1	0	—	—
		EZBEKÎYA	1016.6	W	2	28.0	28	0	6	1016.4	+0.3	S	2	17.1	30	+6	11	+1	53	-19	4	5	Cs	1	0	9	25
		GÎZA	1016.2	—	0	29.1	27	1	6	1016.6	-0.4	SE	2	16.4	31	+8	8	0	69	-4	3	5	Cs	2	0	12	22
143		HELWÂN	1017.0	W	2	28.1	18	0	8	1016.8	+0.3	ESE	1	20.4	29	+6	14	+3	31	-33	3	7	Cc	0	0	14	26
144		SUEZ								1016.7	+0.5	SE	1	17.6	26	+3	12	0	67	-7	0	—	—	—	0	12	20
153	UPPER EGYPT	FAIYÛM	1016.8	SSW	1	28.2	25	0	8	1016.8	-0.2	SSE	1	17.9	30	+5	10	+1	49	-16	3	7	Cc	1	0	6	10
154		MINYA	1016.3	NW	2	28.6	29	0	8	1017.0	+0.1	S	1	17.9	29	+4	12	+3	62	-9	1	7	Cu	1	0	16	—
155		ASYÛT	1015.8	SW	3	31.0	32	0	8	1016.7	-0.1	ESE	3	20.0	32	+6	12	+2	43	-17	0	8	—	0	0	0	5
156		QENA								1017.0	+1.9	ENE	1	17.7	33	+3	9	-2	44	-10	0	7	—	0	0	dr	—
157		LUXOR								1016.6	—	—	0	17.2	33	—	9	—	52	—	0	7	—	0	0	dr	—
158		ASWÂN	1012.2	NE	1	33.0	15	0	6	1015.1	-0.6	—	0	17.5	35	+5	14	+1	31	-8	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1015.6	SE	2	28.8	38	0	6	1021.0	+4.2	—	0	14.0	30	+5	5	-3	87	+23	0	6	—	0	0	28	5
149		BAHARÎYA	1015.5	SW	2	29.4	15	0	9	1017.5	—	—	0	17.4	30	—	9	—	34	—	0	9	—	0	0	26	—
151		KHÂRGA	1015.2	ENE	1	30.4	42	0	9	1016.0	-0.2	—	0	20.4	31	+3	12	+2	53	+1	0	9	—	0	0	0	0
152		DÂKHLA	1015.2	SSW	2	29.7	20	0	8	1017.4	+0.7	NW	2	15.1	32	+4	8	-1	31	-12	0	7	—	0	0	dr	—
145	RED SEA	TOR								1017.5	+2.3	—	0	19.0	26	+2	12	0	30	-32	0	6	—	0	0	13	13
146		HURGHÂDA								1017.0	+1.9	NW	3	22.0	27	+2	9	-3	35	-15	0	7	—	0	0	dr	0
147		QUSEIR								1016.8	+2.3	W	2	22.0	26	+1	16	0	29	-13	0	7	—	0	0	1	7
169		PORT SUDAN	1011.6	NE	6	27.4	—	0	—	1013.1	-0.1	N	4	24.0	27	-1	18	-2	43	-22	0	—	—	0	0	42	106
165	NORTH SUDAN	WÂDI HALFA	1013.9	NNW	2	28	—	0	8	1015.3	-0.2	NNW	1	15.7	30	-1	12	0	43	+9	0	8	—	0	—	—	—
166		KAREIMA	1010.3	NE	3	32	—	0	8																		
167		'ATBARA	1009.5	NE	3	33.0	—	0	—																		
168		KHARTÛM	1005.6	N	3	35	—	0	8	1010.1	-0.7	NNE	3	21.2	36	-1	17	-1	33	+13	0	8	—	0	0	4	5
170		KASSALA	1003.2	NE	1	35	—	0	8	1008.2	-1.4	NE	1	24.4	36	-2	17	-2	67	+18	0	8	—	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI	1006.8	NE	3	34.0	—	0	—	1009.3	-1.0	NE	3	22.4	35	-3	15	-3	31	+8	0	—	—	0	0	56	13
173		DUEIM	1007.4	NE	3	33.6	—	0	—	—	—	NW	4	23.8	36	-1	16	-1	16	-4	—	—	—	0	0	21	12
		RENK														—		—		—							
172		ROSEIRES	1003.4	WNW	2	38.8	—	0	—	1008.6	-0.5	WNW	2	23.9	39	0	17	-2	27	-1	0	—	—	0	0	3	39
174		EL OBEID	1006.0	NE	2	33	—	2	8	1010.7	-1.5	NW	2	20.0	34	-1	15	+1	29	+7	0	8	—	0	0	23	20
175		EL FÂSHER	—	ESE	1	33.9	—	0	—	—	—	NW	1	16.1	36	+1	10	-4	35	+12	0	—	—	0	0	0	8
176	S. SUDAN	MALAKÂL	1003.4	NE	3	39	—	1	7	1008.8	-0.6	N	4	26.8	39	0	19	-2	13	-12	1	8	Cs	1	0	81	96
177		WÂU	1008.2	NW	3	38.7	—	1	—	1012.7	+3.6	N	2	23.7	39	+1	18	-3	28	-18	1	—	—	1	0	201	162
178		JÛBA	1002.9	NE	3	38	—	1	4	1009.6	-0.2	SE	2	26.3	39	+2	21	-1	62	-1	8	4	Ac	4	0	161	158
179		Geneina	—	—	0	33	—	1	7	—	—	E	2	17.4	35	—	15	—	18	—	3	8	Ac,Ci	0	0	—	—
180		Gallabat	—	NNW	4	38.5	—	0	—	—	—	E	2	26.7	39	—	18	—	45	—	0	—	—	0	0	—	—

Upper Wind Observations on 11th — ارصاد الرياح العليا يوم ١١

Dir. E. of N. / Kms. per hour

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms.	Matruh 07h.00m. Dir.	Kms.	Dikheila 07h.15m. Dir.	Kms.	Almaza 07h.30m. Dir.	Kms.	Cairo 08h.15m. Dir.	Kms.	Helwan 09h.00m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 07h.00m. Dir.	Kms.
200	0	25	310	33	250	15	200	11	230	15	170	7	—	—	—	—	50	14
500	—	—	Ent. Cl.		260	4	250	16	270	10	290	15	40	20	60	28	90	24
1000	30	9			290	12	270	10	280	8	260	12	0	13	120	37	130	24
1500	Ent. Cl.				330	17			240	13	220	19	220	6	130	46	80	11
2000					310	22			260	26	250	27					70	14
3000					270	26			270	24	280	17						
4000					250	45					240	45						
5000					250	56												
6000																		

Height metres above M.S.L.	Khartum 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.50m. Dir.	Kms.	Juba 06h.50m. Dir.	Kms.
200	—	—	—	—	—	—	—	—	—	—	—	—
500	70	43	—	—	70	13	—	—	10	55	—	—
1000	40	27	70	40	10	21	30	43	20	64	290	34
1500	50	19	80	31	30	5	30	24	20	39	60	14
2000	80	5	0	8	350	23	0	14	30	13	60	24
3000	310	21	280	11	240	34	200	24			100	34
4000					260	37						
5000					240	40						
6000					240	28						

Forecast for 24 hours from noon on 11th

Light variable winds, chiefly southerly, becoming northwest to north later, moderate inland, fresh on the coast.
Much high cloud at first, decreasing. Some low cloud tomorrow. Possibly light rain on the coast in the west tomorrow.
Cooler tomorrow.

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر ١١
رياح خفيفة مختلفة الاتجاه أكثرها جنوبية ثم تتحول الى شمالية غربية أو شمالية فيما بعد و تكون معتدلة في الداخل وجديدة نوعا على الساحل
كثير السحاب العالي ثم يتناقص وسحاب منخفض باكر يحتمل تساقط مطر خفيف على الساحل من الجهة الغربية باكر
ويكون درجة الحرارة أقل باكر

STATION	Mean of day: Humidity % on 10th	Diff. from normal	Wet Bulb Temp. °C on 10th	Diff. from Normal
Alexandria	74	+29	15.7	+3.2
Ezbekiya	72	+14	14.4	+1.8
Gîza	76	+16	13.9	+1.5
Helwân	48	+1	12.8	+2.2

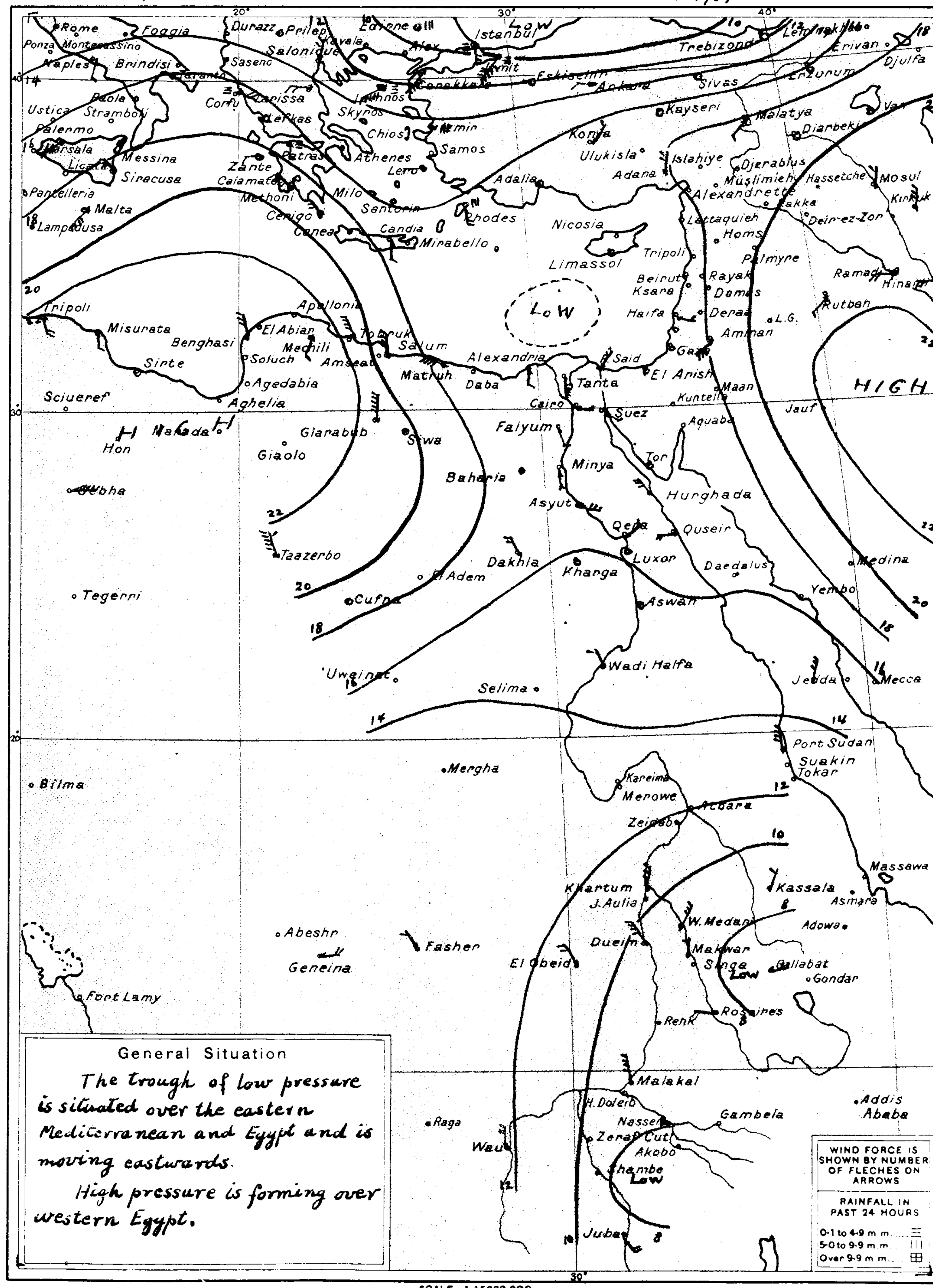
Gîza Grass minimum on 11th 4.3 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
11.3	867	873
10.3	867	887

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10.3	13.10	-0.17	13.11	-0.16
Nâsser	10.3	5.10	+0.05	5.13	+0.08
Malakâl	11.3	10.16	-0.08	10.17	-0.08
Roseires	11.3	11.94	+0.52	11.98	+0.55
Sennâr Res.	11.3	19.47	—	19.52	—
Khartûm	10.3	10.20	-0.02	10.14	-0.10
Kh. el Girba					
'Atbara	11.3	9.95	-0.15	9.97	-0.14
Kajnarti	11.3	131.89	-0.47	131.90	-0.48
Wâdi Halfa					
Aswân Res.	11.3	119.07	—	119.13	—
,, D. S.	11.3	85.58	-0.21	85.58	-0.22
El Leisi	11.3	17.50	+0.22	17.50	+0.21
Rôda (Cairo)	11.3	15.77	+0.21	15.77	+0.21

١٩٣٧-٣-١١ Pressure and Wind at 8h. 11-3-1937



General Situation

The trough of low pressure is situated over the eastern Mediterranean and Egypt and is moving eastwards.
High pressure is forming over western Egypt.

SCALE 1:15,000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 10-3-1937 — الساعة ٨ يوم ١٠-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1020	+6	—	0	13	—	—	—	—	—	—	4	—	—	—	0	—	393	ليماسول
Haifa	1021.0	+7.0	ESE	1	16.5	22	0	10	0	67	+5	0	—	—	—	0	345	609	حيفا
Gaza	1020.0	+5.1	—	0	13.2	23	+2	9	0	91	+20	0	9	—	0	0	360	349	غزة
Ships	53213	—	38106	—		02300		—		12979									سفن

Remarks

ANNUAL SUBSCRIPTION
Inland Post .... P.T. 100
Abroad .... P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO

Time of sunrise h. 06 m. 38
sunset h. 18 m. 01

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

DAILY WEATHER REPORT

Month March 1937 ١٩٣٧ شهر مارس

١٩٣٧-٣-١٢ Pressure and Wind at 8 h. 12-3-1937

	STATION	At 14 h. on 11th الساعة ١٤ يوم ١١ Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
130	SALÛM	1020.1	NNE	5	16.6	64	0	6
131	MATRÛH	1018.7	NNW	5	16.9	77	0	6
150	DIKHEILA	1017.7	WNW	4	19.0	64	1	7
132	ALEXANDRIA	1017.0	WNW	4	21.4	75	2	8
	DAMIETTA							
134	PORT SAÎD	1016.3	NNE	3	23.4	61	1	7
135	EL 'ARÎSH	1015.4	NNW	2	22.0	56	2	6
	LOWER EGYPT							
136	DAMANHÛR							
137	MANSÛRA							
138	TANTA							
139	ZAGÂZÎG							
	MIDDLE EGYPT							
141	CAIRO: ALMÂZA	1015.9	WNW	2	28.7	29	3	8
	CAIRO: EZBEKÎYA	1015.2	NNW	1	30.3	24	2	9
	CAIRO: GÎZA	1015.1	—	0	31.0	26	3	5
143	HELWÂN	1015.1	WSW	2	28.9	17	3	7
144	SUEZ							
	UPPER EGYPT							
153	FAIYÛM	1015.8	N	1	28.5	23	3	8
154	MINYA	1015.6	NW	2	29.7	32	1	8
155	ASYÛT	1014.8	W	3	31.0	17	0	8
156	QENA	1014.2	WSW	1	32.2	18	0	8
157	LUXOR							
158	ASWÂN	1010.8	—	0	35.0	19	0	6
	WESTERN DESERT							
148	SÎWA	1017.0	—	0	27.5	41	0	6
149	BAHARÎYA	1015.5	N	1	29.0	16	0	7
151	KHÂRGA	1013.9	NE	1	31.6	45	0	9
152	DÂKHLA	1013.8	NNE	1	31.2	33	0	8
	RED SEA							
145	TÛR							
146	HURGHÂDA							
147	QUSEIR							
169	PORT SUDAN	1010.8	NE	4	28.5	–	2	—
	NORTH SUDAN							
165	WÂDI HALFA	1012.1	NE	2	31	–	0	8
166	KAREIMA	1009.2	NE	1	33	–	0	8
167	'ATBARA	1008.2	NNE	2	34.0	–	0	—
168	KHARTÛM	1004.7	N	3	37	–	0	8
170	KASSALA	1001.4	NE	1	37	–	0	8
	CENTRAL SUDAN							
171	WÂD MEDANI	1005.8	N	3	37.0	–	0	—
173	DUEIM	1005.4	N	3	34.8	–	0	—
	RENK							
172	ROSEIRES	1002.8	WNW	2	34.4	–	0	—
174	EL OBEID	1004.7	NE	2	35	–	0	8
175	EL FÂSHER	—	ESE	2	36.0	–	0	—
	S. SUDAN							
176	MALAKÂL	1002.6	NNW	2	39	–	1	8
177	WÂU	1006.8	NW	3	37.7	–	1	—
178	JÛBA	1002.8	ENE	3	38	–	0	2
179	Geneina	—	ENE	2	36	–	0	8
180	Gallabat	—	NW	3	38.2	–	0	—

	STATION	At 8 h. on Friday 12th الساعة ٨ يوم الجمعة ١٢ Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																		
130	SALÛM	1022.3	+0.5	N	2	12.8	24	—	—	—	77	—	4	6	Ci	3	0	105	—
131	MATRÛH	1020.7	+4.0	N	2	15.3	22	+2	14	+4	69	-7	4	6	Sc	3	0	143	146
150	DIKHEILA	1021.2	—	NNE	4	16.0	21	—	15	—	62	—	2	9	Sc	3	0	—	—
132	ALEXANDRIA	1020.2	+4.1	NNE	4	15.6	22	+1	14	+2	63	-8	2	8	Ci	2	0	161	178
	DAMIETTA	1016.0	—	NNW	2	19.0	28	—	15	—	72	—	0	—	—	—	0	63	104
134	PORT SAÎD	1019.0	+4.3	NNW	4	18.8	25	+4	16	+3	76	+4	2	7	Sc	0	0	34	67
135	EL 'ARÎSH	1018.2	—	WSW	2	17.0	25	—	12	—	85	—	1	6	Ci	0	0	—	—
	LOWER EGYPT																		
136	DAMANHÛR	1020.3	+4.2	NNW	3	16.8	28	+5	12	+3	59	-20	1	6	—	1	0	68	97
137	MANSÛRA	1018.6	—	N	1	16.2	30	+7	13	+4	75	-2	0	7	—	1	0	27	45
138	TANTA	1019.9	+2.9	N	2	14.5	30	+6	11	+2	73	-3	0	7	—	2	0	33	36
139	ZAGÂZÎG	1019.8	—	NNW	3	17.4	29	+6	14	+6	75	-1	2	8	—	—	0	12	23
	MIDDLE EGYPT																		
141	CAIRO: ALMÂZA	1019.5	—	NNW	3	16.4	30	—	13	—	78	—	1	7	Sc	1	0	—	—
	CAIRO: EZBEKÎYA	1019.2	+3.2	NNE	2	16.8	30	+6	15	+5	77	+5	3	—	Sc	1	0	9	25
	CAIRO: GÎZA	1018.8	+1.9	NNW	2	16.4	32	+9	14	+6	76	+3	4	5	Sc	2	0	12	22
143	HELWÂN	1019.4	+2.9	N	4	16.0	30	+7	13	+2	70	+6	3	7	Sc	2	0	14	26
144	SUEZ	1019.0	+2.9	NNW	3	17.5	26	+3	15	+3	70	-4	1	—	—	—	0	12	20
	UPPER EGYPT																		
153	FAIYÛM	1019.1	+2.1	N	2	16.3	32	+7	12	+3	76	+12	0	8	—	0	0	6	10
154	MINYA	1017.5	+0.7	N	3	16.0	30	+5	14	+5	82	+11	0	8	—	0	0	16	—
155	ASYÛT	1016.8	+0.1	SW	3	15.8	33	+7	11	+1	79	+17	0	8	—	0	0	0	5
156	QENA	1019.0	-1.0	NNW	1	19.3	34	+4	12	0	40	-13	0	8	—	0	0	tr	—
157	LUXOR	1014.4	—	—	0	17.2	34	—	9	—	52	—	0	7	—	0	0	tr	—
158	ASWÂN	1015.4	-2.2	N	1	20.0	36	+6	15	+2	32	-6	0	6	—	0	0	1	—
	WESTERN DESERT																		
148	SÎWA	1021.0	+4.2	—	0	13.4	28	+3	6	-2	67	+5	0	6	—	0	0	28	5
149	BAHARÎYA	1019.4	—	NNE	3	16.0	30	—	12	—	78	—	1	7	Ci	1	0	26	—
151	KHÂRGA	1015.8	-0.3	N	1	20.0	32	+4	13	+3	66	+14	0	9	—	0	0	0	0
152	DÂKHLA																		—
	RED SEA																		
145	TÛR	1015.4	+0.3	—	0	20.0	28	+4	12	0	32	-30	0	6	—	0	0	13	13
146	HURGHÂDA	1015.6	+0.6	NW	4	21.5	27	+2	13	+1	47	-3	0	8	—	0	0	tr	0
147	QUSEIR	1015.1	+0.7	NW	2	24.0	28	+3	16	0	40	-2	0	7	—	0	0	1	7
169	PORT SUDAN	1012.2	-0.9	NE	2	25.2	29	+1	21	+1	39	-26	3	—	—	0	0	42	106
	NORTH SUDAN																		
165	WÂDI HALFA	1012.9	-1.6	N	1	17.6	32	+1	13	+1	36	+2	0	8	—	0	—	—	—
166	KAREIMA	1010.7	-2.6	—	0	23.1	34	-1	18	+2	31	+7	0	8	—	0	0	tr	1
167	'ATBARA	1011.4	-0.8	NE	2	23.0	34	-1	19	+2	31	+12	0	—	—	0	0	5	1
168	KHARTÛM	1009.0	-1.7	N	3	24.2	38	+1	18	0	25	+5	0	8	Cs	0	0	4	5
170	KASSALA	1009.7	-2.7	—	0	26.0	38	0	18	-1	62	+14	0	8	—	0	0	tr	11
	CENTRAL SUDAN																		
171	WAD MEDANI	1008.2	-2.0	N	3	22.9	38	0	18	0	24	+1	0	—	—	0	0	56	13
173	DUEIM	1009.4	—	NW	3	26.4	38	0	18	+1	19	-1	0	—	—	0	0	21	12
	RENK		—					—		—		—							
172	ROSEIRES	1006.6	-2.4	NW	2	25.7	41	+2	17	-2	30	+2	0	—	—	0	0	3	39
174	EL OBEID	1010.3	-1.8	NW	2	24.7	37	+2	17	+2	39	+7	1	8	Ci	0	0	23	25
175	EL FÂSHER	—	—	NNW	1	17.0	37	+2	11	-3	34	+11	0	—	—	0	0	0	8
	S. SUDAN																		
176	MALAKÂL	1008.6	-0.6	ENE	3	28.3	41	+2	20	-1	19	-6	2	8	Cs	1	0	81	96
177	WÂU	1010.4	+4.0	SE	1	24.8	40	+2	18	-3	26	-20	1	—	—	1	0	201	163
178	JÛBA	1007.0	-0.8	SSE	3	27.8	39	+2	24	+2	51	-13	6	6	Sc	4	0	161	159
179	Geneina	—	—	E	3	19.6	36	—	13	—	18	—	4	8	Cs	0	0	—	—
180	Gallabat	—	—	SW	3	29.3	39	—	20	—	61	—	0	—	—	0	0	—	—

Upper Wind Observations on 12th

ارصاد الرياح العليا يوم ١٢

Height metres above M.S.L.	Dikheila 07 h. 15 m. Dir. E of N.	Kms. per hour	Almaza 07 h. 30 m. Dir. E of N.	Kms. per hour	Helwan 07 h. 00 m. Dir. E of N.	Kms. per hour	Kareima 06 h. 00 m. Dir. E of N.	Kms. per hour	Khartoum 06 h. 00 m. Dir. E of N.	Kms. per hour	Kassala 07 h. 00 m. Dir. E of N.	Kms. per hour	Geneina 07 h. 00 m. Dir. E of N.	Kms. per hour	El Obeid 08 h. 00 m. Dir. E of N.	Kms. per hour	Malakal 08 h. 00 m. Dir. E of N.	Kms. per hour	Juba 07 h. 00 m. Dir. E of N.	Kms. per hour	Atbara 07 h. 00 m. Dir. E of N.	Kms. per hour	Sennar 13 h. 30 m. Dir. E of N.	Kms. per hour	h. m. Dir. E of N.	Kms. per hour	h. m. Dir. E of N.	Kms. per hour	h. m. Dir. E of N.	Kms. per hour	h. m. Dir. E of N.	Kms. per hour
200	0	20	350	18	20	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	350	34	30	30								
500	350	26	340	22	50	31	70	34	0	53	—	—	—	—	—	—	70	32	—	—	—	31	—	—								
1000	10	23	E of N	Sc	70	11	80	34	350	40	95	13	0	69	20	53	50	34	270	26	0	32	280	20								
1500	320	12			80	24	60	19	330	34	40	18	60	63	30	34	30	23	240	8	300	18										
2000					110	37	40	14	330	60	210	19	70	27	310	6	50	18	70	8	270	37										
3000									330	48			290	21	290	27	90	6	80	11	280	27										
4000													280	32							270	27										
5000																																
6000																																

Forecast for 24 hours from noon on .....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

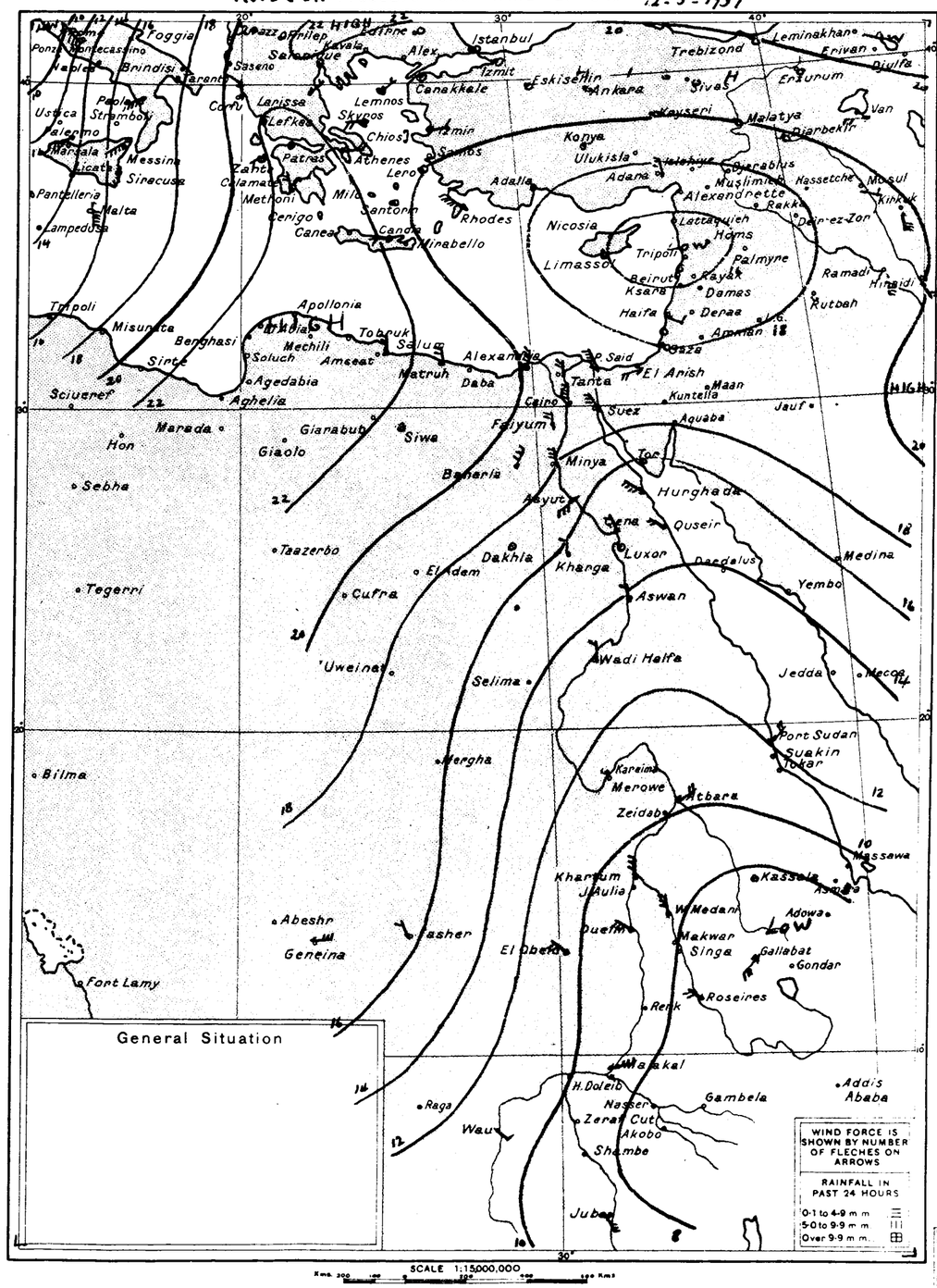
STATION	Mean of day: Humidity % on 11th	Humidity Diff. from normal	Wet Bulb Temp. °C on 11th	Wet Bulb Temp. Diff. from normal
Alexandria	73	+18	16.3	+3.7
Ezbekiya	53	-5	15.5	+2.8
Gîza	57	-3	16.0	+3.5
Helwân	34	-12	14.4	+3.8

Gîza Grass minimum on 12th 12.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
12-3	868	916
11-3	869	893

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12-3	13.10	-0.16	13.10	-0.16
Nâsser	12-3	5.03	-0.01	5.06	+0.02
Malakâl	12-3	10.16	-0.07	10.16	-0.08
Roseires	12-3	11.90	+0.48	11.94	+0.52
Sennâr Res.	12-3	19.39	—	19.47	—
Khartûm	12-3	10.24	+0.05	10.24	+0.04
Kh. el Girba					
'Atbara	12-3	9.92	-0.17	9.95	-0.15
Kajnarti	12-3	131.88	-0.46	131.89	-0.47
Wâdi Halfa					
Aswân Res.	12-3	119.01	—	119.07	—
" D. S.	12-3	85.57	-0.21	85.58	-0.21
El Leisi	12-3	17.50	+0.24	17.50	+0.22
Rôda (Cairo)	12-3	15.77	+0.13	15.79	+0.21



STATION	At 8 h. on 11-3-1937 الساعة ٨ يوم ١١-٣-١٩٣٧ Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1016	+2	—	0	14	23	—	—	—	—	—	0	—	—	—	0	—	374	ليماسول
Haifa	1017.2	+3.3	ESE	1	17.8	25	+1	11	+1	57	-9	0	—	—	—	0	345	610	حيفا
Kazu	1017.1	+2.3	—	0	15.8	33	+4	11	+2	67	-4	2	6	—	1	0	360	350	قزو

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise h. 06 m. 47
sunset h. 18 m. 02

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٧-٣-١٣ Pressure and Wind at 8 h. *13-3-1937*

1417 F.C.

		STATION	At 14 h. on 13 — الساعة ١٤ يوم ١٣ Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
130	MEDITERRANEAN	SALŪM	1021.1	NNE	4	16.3	70	2	7
131		MATRŪH	1019.6	NNW	2	17.2	62	3	6
150		DIKHEILA							
132		ALEXANDRIA	1019.0	NNE	4	17.0	58	2	9
		DAMIETTA							
134		PORT SAÏD	1017.5	NNW	5	22.1	67	1	7
135		EL 'ARÎSH	1016.6	NNW	2	19.0	73	0	6
136	LOWER EGYPT	DAMANHŪR							
137		MANSŪRA							
[illegible]		TANTA							
139		ZAGĀZĪG							
[illegible]	MIDDLE EGYPT	CAIRO: ALMĀZA	1016.4	NNE	3	23.1	57	0	7
		CAIRO: EZBEKĪYA	1015.9	N	2	23.0	52	0	6
143		CAIRO: GĪZA	1015.5	NNW	4	22.5	37	0	6
144		HELWĀN							
		SUEZ							
153	UPPER EGYPT	FAIYŪM	1016.3	NNW	3	24.2	38	0	8
154		MINYA	1015.1	N	4	25.5	55	0	6
155		ASYŪT	1013.8	W	3	28.8	20	0	8
156		QENA	1012.2	W	1	31.4	35	0	9
157		LUXOR							
158		ASWĀN	1009.8	NW	2	32.7	17	0	6
148	WESTERN DESERT	SĪWA	1020.4	—	0	21.4	69	0	6
149		BAHARĪYA	1016.2	N	2	24.2	33	0	9
151		KHĀRGA	1012.4	NE	3	29.6	54	0	9
152		DĀKHLA	1014.2	NNE	5	29.3	18	0	8
145	RED SEA	TŌR							
146		HURGHĀDA							
147		QUSEIR							
167		PORT SUDAN	1009.1	NE	5	28.0	—	0	—
165	NORTH SUDAN	WĀDI HALFA	—	N	2	31	—	0	—
166		KAREIMA	—	N	2	34	—	0	8
167		'ATBARA							
168		KHARTŪM	1003.5	NNW	3	—	—	0	8
170		KASSALA							
171	CENTRAL SUDAN	WAD MEDANI	1002.8	W	1	37.0	—	0	—
173		DUEIM	—	NW	3	37.2	—	0	—
		RENK							
172		ROSEIRES	1002.7	ENE	2	39.1	—	0	—
174		EL OBEID	1002.8	NW	3	36	—	0	8
175		EL FĀSHER	1001.6	W	3	37	—	0	8
176	S. SUDAN	MALAKĀL	1002.3	NNE	2	—	—	1	8
177		WĀU	1006.2	E	3	40.9	—	1	—
178		JŪBA	1000.9?	E	3	39	—	4	6
179		Geneina	—	NE	4	33	—	3	9
180		Gallabat							

STATION	At 8 h. on Saturday 13 — الساعة ٨ يوم السبت ١٣ BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.	RAINFALL Total fr. Oct. 1 to yesterday m.	RAINFALL Normal fr. Oct. 1 to yesterday m.
SALŪM	1017.4	+2.4	NW	2	10.7	17	—	8	—	82	—	2	6	Ci	—	0	105	—
MATRŪH	1018.4	+1.8	ENE	2	15.6	18	-2	14	+4	64	-10	4	6	Sc	2	0	43	147
DIKHEILA							—		—		—							—
ALEXANDRIA	1018.0	+2.0	NE	3	15.2	21	0	13	+1	68	-3	3	8	Ac	2	0	161	179
DAMIETTA	1017.1	—	N	1	16.3	24	—	14	—	82	—	4	—	—	—	0	63	104
PORT SAÏD	1017.4	+2.8	NE	3	18.4	23	+2	15	+2	61	-10	3	7	Cu	1	0	34	67
EL 'ARÎSH	1016.0	—	NNE	1	17.0	20	—	15	—	76	—	2	6	—	0	0	—	—
DAMANHŪR	1018.0	+2.0	NE	2	15.1	21	-3	13	+4	67	-12	4	7	—	1	0	68	97
MANSŪRA	1016.8	—	NNE	1	15.8	23	-1	14	+5	65	-12	2	4	—	1	0	27	45
TANTA	1017.5	+0.5	NNE	2	15.3	23	-1	8	-1	70	-6	3	6	—	1	0	33	36
ZAGĀZĪG	1017.2	—	NNW	5	15.3	23	-1	7	+1	72	-4	2	7	—	—	0	12	23
CAIRO: ALMĀZA	1016.6	+0.7	NNE	4	13.9	25	+1	11	+1	78	+7	3	5	Sc	1	0	9	25
CAIRO: EZBEKĪYA	1016.6	+0.2	NNE	2	14.1	24	+1	10	+2	73	0	3	5	Sc	2	0	12	23
CAIRO: GĪZA	1016.2	-0.2	NNE	5	15.0	24	+1	12	+1	62	-2	0	7	Sc	0	0	14	26
HELWĀN	1016.2	+0.1	NNW	3	16.0	25	+2	14	+2	73	-1	0	—	—	—	0	12	20
SUEZ	1016.4	-0.5	N	3	14.1	25	0	9	0	69	+5	0	7	—	0	0	6	10
FAIYŪM	1015.1	-1.3	N	3	13.6	26	+1	11	+1	80	+10	0	7	—	0	0	16	—
MINYA	1015.4	-1.2	WNW	3	13.5	30	+4	9	-1	81	+22	0	8	—	0	0	0	5
ASYŪT	1013.0	-2.0	WNW	3	17.2	34	+3	13	+1	73	+20	0	8	—	0	0	4r	—
QENA	1012.4	—	ENE	3	17.5	34	—	9	—	60	—	0	7	—	0	0	4r	—
ASWĀN	1011.0	-4.5	N	2	20.2	34	+4	16	+2	39	+1	0	6	—	0	0	1	—
SĪWA	1019.6	+2.7	—	0	13.8	24	-1	6	-2	71	+8	0	6	—	0	0	28	5
BAHARĪYA	1017.8	—	NNE	3	13.2	25	—	9	—	71	—	1	9	—	1	0	26	—
KHĀRGA	1014.4	-1.6	N	3	17.8	30	+2	13	+3	72	+20	0	7	—	0	0	0	0
DĀKHLA	1016.2	-0.3	NNE	2	16.4	30	+1	12	+3	59	+16	0	7	—	0	0	4r	—
TŌR	1012.7	-2.3	NW	4	19.5	25	+1	13	+1	77	+15	0	6	—	0	0	13	13
HURGHĀDA	1012.3	-2.7	NNW	5	20.5	26	+1	17	+5	50	0	6	3	—	0	0	4r	0
QUSEIR	1012.2	-2.1	N	3	23.3	28	+3	18	+1	62	+20	0	7	—	0	0	1	7
PORT SUDAN	1010.0	+2.0	N	5	25.0	28	0	22	+2	45	-20	3	—	—	0	0	4.2	106
WĀDI HALFA	1012.3	-3.0	N	2	12.4	33	+2	15	+3	44	+10	0	8	—	0	—	—	—
KAREIMA	1008.7	-4.4	NNE	3	25.0	36	+1	20	+4	20	-3	0	8	—	0	0	4r	1
'ATBARA																		
KHARTŪM	1007.8	-2.7	N	1	24.1	39	+2	19	+1	36	+16	0	8	Ac	3	0	4	5
KASSALA	1006.4	-3.1	—	0	25.7	38	0	19	0	62	+14	0	8	—	0	0	4r	11
WAD MEDANI	1006.8	-3.3	N	3	27.0	39	+1	19	+1	26	+4	0	—	—	0	0	56	13
DUEIM	1008.0	-2.5	W	3	26.2	38	0	17	0	21	+1	0	—	—	0	0	21	12
RENK							—		—		—							
ROSEIRES	1007.8	-1.2	NNW	2	20.7	41	+2	19	0	54	+27	0	—	—	0	0	3	39
EL OBEID	1007.2	-2.8	NW	2	22.0	37	+2	15	0	12	-10	0	8	—	0	0	23	20
EL FĀSHER	—	—	WNW	1	17.5	37	+2	13	-1	32	+10	0	—	—	0	0	0	8
MALAKĀL	1007.8	-1.6	E	2	27.0	40	+1	20	-1	19	-6	2	8	Ci	1	0	81	96
WĀU	1012.3	+3.2	SE	1	25.0	40	+2	19	-2	37	-10	1	—	—	1	0	201	163
JŪBA	1007.3	-0.5	SE	2	26.7	41	+4	25	+3	36	-28	5	6	Cu Cb	4	4r	161	160
Geneina	—	—	ENE	3	19.7	38	—	15	—	18	—	0	8	—	0	0	—	—
Gallabat	—	—	W	2	27.3	37	—	18	—	64	—	0	—	—	0	0	—	—

Upper Wind Observations on 13 — ارصاد الرياح العليا يوم ١٣

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E. of N.	Kms. per hour	Matruh 07 h. 00 m. Dir. E. of N.	Kms. per hour	Cairo 08 h. 30 m. Dir. E. of N.	Kms. per hour	Helwan 05 h. 30 m. Dir. E. of N.	Kms. per hour	Asyut 07 h. 00 m. Dir. E. of N.	Kms. per hour	Aswan 07 h. 00 m. Dir. E. of N.	Kms. per hour	W. Halfa 06 h. 00 m. Dir. E. of N.	Kms. per hour	Khartum 06 h. 00 m. Dir. E. of N.	Kms. per hour
200	290	14	19	10	30	29	30	28	—	—	—	—	0	27	—	—
500	—	—	60	2	40	33	50	24	340	35	30	32	40	37	0	40
1000	0	17	20	14	40	—	120	17	0	27	60	30	40	40	0	40
1500	340	26	Calm	SE			230	21	20	18			30	24	320	14
2000	340	24					220	33	70	5			0	8	260	11
3000	290	18					250	15					290	13	220	21
4000							280	22								
5000							250	21								
6000							250	37								

Height metres above M.S.L.	Geneina 06 h. 00 m. Dir. E. of N.	Kms. per hour	Kassala 07 h. 00 m. Dir. E. of N.	Kms. per hour	El Obeid 06 h. 00 m. Dir. E. of N.	Kms. per hour	Juba 07 h. 00 m. Dir. E. of N.	Kms. per hour	Kareima 06 h. 00 m. Dir. E. of N.	Kms. per hour	Malakal 06 h. 00 m. Dir. E. of N.	Kms. per hour	Wau 07 h. 00 m. Dir. E. of N.	Kms. per hour
200	—	—	—	—	—	—	—	—	—	—	—	—	40	27
500	—	—	—	—	—	—	—	—	40	55	10	50	40	32
1000	—	—	—	—	10	40	20	17	40	35	10	51		
1500	30	11	2	19	60	26	20	18			10	21		
2000	290	6	10	11	70	37	20	16						
3000	230	56	260	23			310	24						
4000	230	69	290	18			300	47						
5000			320	27										
6000														

Forecast for 24 hours from noon on 13

Moderate to fresh northeast to northwest winds.
Occasional medium cloud.
Temperature about normal.

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر ١٣
رياح ما بين المعتدلة والشديدة نوعا شمالية
غربية الى شمالية غربية
يكون بعض السحاب المتوسط
درجة الحرارة حول المعدل

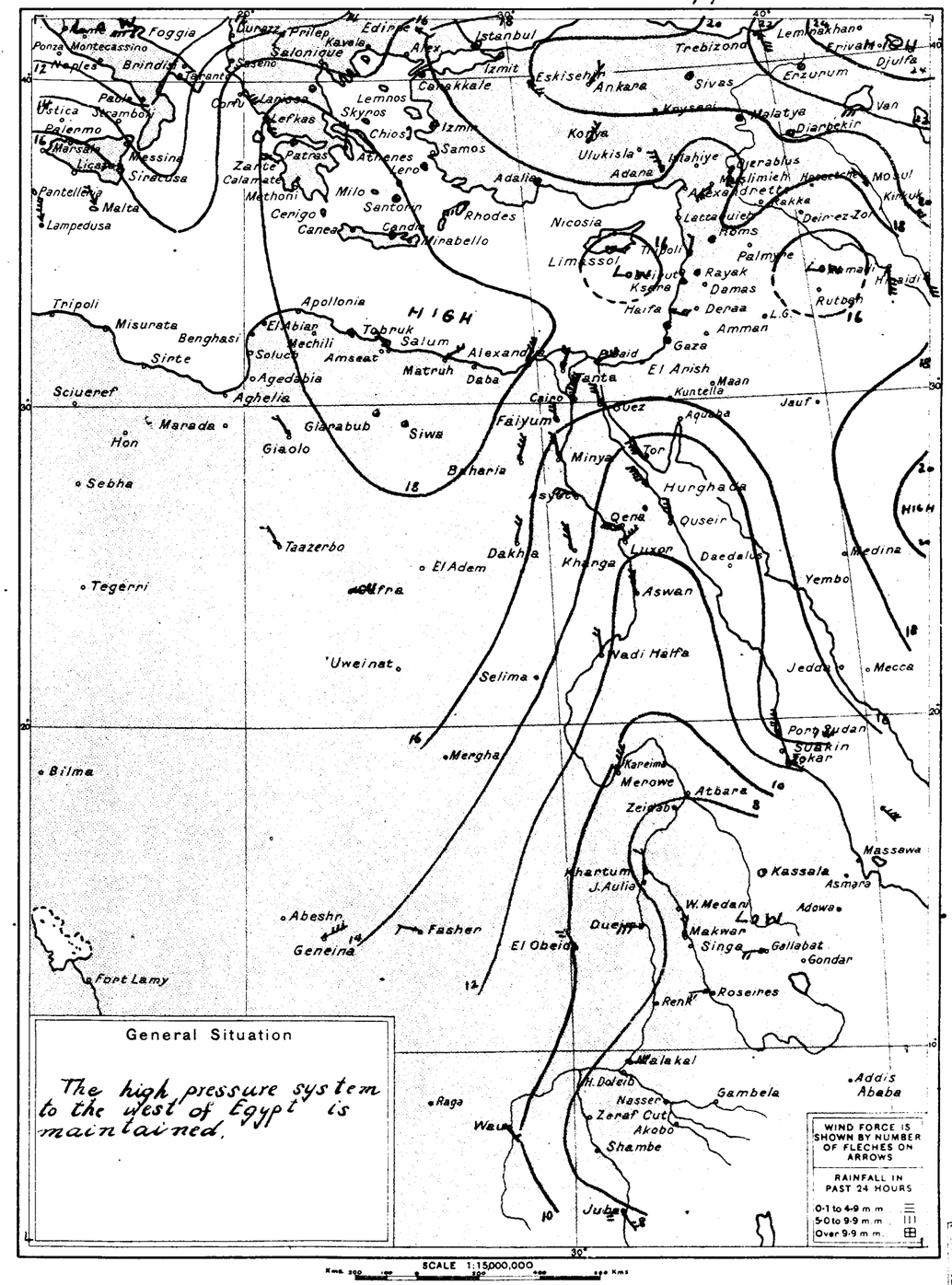
STATION	Mean of day: HUMIDITY % on 12	Diff. from normal	WET BULB TEMP. °C on 12	Diff. from normal
Alexandria	67	+4	13.3	+0.7
Ezbekiya	71	+13	15.6	+2.8
Gīza	66	+6	14.7	+2.3
Helwān	58	+12	14.1	+3.4

Gīza Grass minimum on 13 — 7.0 °C

Discharges at Aswān measured by sluices m.³ per sec.

DATE	1937	1936
13.3	866	940
12.3	868	916

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	13.3	13.10	-0.16	13.12	-0.16
Nāsser	12.3	5.03	-0.01	5.05	+0.02
Malakāl	13.3	10.16	-0.06	10.16	-0.07
Roseires	13.3	11.88	+0.46	11.90	+0.48
Sennār Res.	12.3	19.39	—	19.47	
Khartūm	13.3	16.23	+0.05	16.24	+0.05
Kh. el Girba					
'Atbara	13.3	9.42	-0.16	9.42	-0.17
Kajnarti	13.3	131.88	-0.43	131.88	-0.46
Wādi Halfa					
Aswān Res.	13.3	114.93	—	114.01	—
" D.S.	13.3	85.57	-0.20	85.57	-0.21
El Leisi	13.3	17.50	+0.25	17.50	+0.24
Rōda (Cairo)	13.3	15.15	+0.15	15.71	+0.18



General Situation

The high pressure system to the west of Egypt is maintained.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

SCALE 1:15,000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

STATION	At 8 h. on 13-3-1937 — الساعة ٨ يوم ١٣ BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM To day °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.	RAINFALL Total fr. Oct. 1 to yesterday m.	RAINFALL Normal fr. Oct. 1 to yesterday m.	موصد
Limassol	1016	+2	—	0	14	—	—	—	—	—	—	0	—	—	—	0	—	395	ليماسول
Haifa	1014.4	+4.5	ESE	1	17.5	27	+5	12	+2	63	+1	0	—	—	—	0	345	611	حيفا
Gaza	1017.8	+3.0	—	0	13.4	27	+6	9	0	97	+26	8	2	—	4	0	360	351	غزة
Ships	73284	—	33106	—	33600		—	13865											سفن

ANNUAL SUBSCRIPTION

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CAIRO
Time of sunrise h. 06 m. 06
sunset h. 18 m. 03

Month March 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

٣٧/٣/١٤ Pressure and Wind at 8 h. 14.3.37

1417 F.C.

At 14h. on 13th — الساعة ١٤ يوم ١٣ | At 8 h. on Sunday 14th — الساعة ٨ يوم الاحد ١٤

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1018.8	NE	3	15.5	67	1	7	1020.2	+3.2	NW	2	11.0	17	—	8	—	87	—	3	6	Cu	0	0	105	—
131	MEDITERRANEAN	MATRÛH	1017.8	N	2	16.7	61	4	6	1018.7	+2.1	NNW	2	15.8	17	-3	14	+4	63	-11	4	6	Sc	2	0	143	147
150	MEDITERRANEAN	DIKHEILA	1017.5	NNE	3	16.7	64	2	—	1017.7	—	NNE	4	15.7	17	—	15	—	66	—	3	9	Sc	2	0	—	—
152	MEDITERRANEAN	ALEXANDRIA	1017.0	NE	4	17.4	56	3	9	1016.8	+0.6	NE	2	16.7	21	0	14	+2	65	-6	2	8	Ac	2	0	161	179
	MEDITERRANEAN	DAMIETTA								1015.8	—	NW	2	17.0	22	—	14	—	72	—	1	—	—	—	0	63	105
134	MEDITERRANEAN	PORT SAÏD	1015.9	NE	5	20.5	56	2	7	1016.3	+1.7	NNW	3	18.4	21	0	15	+2	60	-11	1	7	Sc	1	0	34	67
135	MEDITERRANEAN	EL 'ARÎSH	1014.6	NNE	4	16.8	70	0	6	1015.4	—	NNW	2	17.5	19	—	12	—	68	—	1	6	Cb	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1017.2	+1.2	NNW	2	15.2	21	-3	14	+5	66	-13	4	8	—	2	0	68	97
137	LOWER EGYPT	MANSÛRA								1016.2	—	N	1	15.9	22	-2	13	+4	65	-12	3	—	—	1	0	27	46
138	LOWER EGYPT	TANTA								1017.2	+0.2	—	0	13.0	23	-1	13	+4	66	-10	4	6	—	2	0	33	36
139	LOWER EGYPT	ZAGÂZÎG								1017.0	—	NNW	2	15.9	22	-2	9	+1	73	-3	2	8	—	—	0	.2	23
	MIDDLE EGYPT (CAIRO)	ALMÂZA														—		—		—							—
	MIDDLE EGYPT (CAIRO)	EZBEKÎYA	1014.0	NNW	2	23.0	53	3	8	1016.4	+0.5	NNE	2	15.1	24	0	11	+1	65	-6	4	—	Cu	1	0	9	26
	MIDDLE EGYPT (CAIRO)	GÎZA	1013.9	N	2	22.3	50	2	7	1016.3	-0.5	N	3	14.6	23	0	11	+3	73	0	4	5	Sc	2	0	12	23
	MIDDLE EGYPT	HELWÂN	1013.6	NNE	4	22.9	34	3	7	1016.3	0.0	N	4	14.2	24	0	12	+1	67	+3	4	7	Sc	2	0	14	27
144	MIDDLE EGYPT	SUEZ								1015.6	-0.4	NW	3	16.8	26	+2	13	+1	60	-14	3	—	—	—	0	12	20
153	UPPER EGYPT	FAIYÛM	1014.3	NNE	3	22.9	41	3	8	1016.7	-0.1	N	5	14.2	24	-1	10	+1	67	+3	4	8	Cu	1	0	6	10
154	UPPER EGYPT	MINYA	1013.6	N	2	23.8	46	2	8	1015.8	-0.9	NNW	4	13.5	24	-1	9	-1	80	+10	*0	8	—	0	0	16	—
155	UPPER EGYPT	ASYÛT	1012.7	W	3	24.2	37	0	8	1015.6	-0.9	NNW	3	13.8	26	0	7	-1	80	+21	0	8	—	0	0	0	5
156	UPPER EGYPT	QENA	1011.2	WSW	1	31.0	36	0	9	1012.7	-2.2	W	4	17.3	33	+2	13	+1	65	+13	0	7	—	0	0	tr	—
157	UPPER EGYPT	LUXOR								1011.9	—	ENE	1	18.8	35	—	8	—	61	—	0	7	—	0	0	tr	—
158	UPPER EGYPT	ASWÂN	1007.5	N	2	33.2	15	0	6	1011.9	-3.4	NNW	2	20.5	34	+3	17	+3	38	+1	0	6	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1017.2	—	0	22.2	58	0	6	1019.1	+2.5	—	0	12.3	22	-3	6	-2	71	+8	0	6	—	0	0	28	5
149	WESTERN DESERT	BAHARÎYA	1015.2	NNE	2	21.3	38	2	9	1016.2	—	NNE	2	12.2	23	—	8	—	78	—	4	7	Ac	1	0	26	—
151	WESTERN DESERT	KHÂRGA	1011.6	N	3	28.0	57	0	9	1015.5	-0.4	N	5	16.2	29	0	11	0	80	+28	0	9	—	0	0	0	0
152	WESTERN DESERT	DÂKHLA	1013.1	NNW	3	26.1	52	0	8	1017.1	+0.7	—	0	15.7	27	-2	9	-1	59	+17	0	7	—	0	0	tr	—
145	RED SEA	TOR								1012.2	-2.8	NW	3	18.7	24	0	13	+1	74	+12	0	6	—	0	0	13	13
146	RED SEA	HURGHÂDA								1013.1	-1.8	NNW	5	19.5	25	0	14	+2	65	+15	0	7	—	0	0	tr	0
147	RED SEA	QUSEIR								1011.9	-2.4	NW	3	22.3	26	+1	18	+1	57	+15	0	7	—	0	0	1	7
169	RED SEA	PORT SUDAN	1008.3	NE	3	28.5	—	1	—	1009.9	-3.1	NE	1	25.5	28	0	23	+3	69	+4	1	—	—	0	0	42	106
165	NORTH SUDAN	WÂDI HALFA	1010.7	NNW	3	30	—	0	8	1014.0	-1.2	NNW	3	17.7	32	+1	15	+3	36	+3	0	8	—	0	—	—	—
166	NORTH SUDAN	KAREIMA	1006.4	N	1	35	—	0	9	1007.7	-3.3	N	3	24.1	37	+2	17	+3	14	-9	0	7	—	0	0	tr	1
167	NORTH SUDAN	'ATBARA	1004.4	NE	2	35.3	—	0	—	1008.4	-3.6	N	2	26.3	36	+1	19	+2	26	+8	0	—	—	0	0	5	1
168	NORTH SUDAN	KHARTÛM	1003.0	N	2	38	—	0	8	1008.6	-1.9	N	2	24.2	39	+1	19	0	32	+13	0	8	—	0	0	4	5
170	NORTH SUDAN	KASSALA	1001.5	SE	2	37	—	1	8	1007.0	-2.5	SSE	1	25.3	38	0	18	-1	54	+7	0	8	—	0	0	tr	11
171	CENTRAL SUDAN	WAD MEDANI	1003.8	NW	3	37.6	—	0	—	1006.2	-3.8	NE	3	28.0	39	+1	17	+1	22	0	0	—	—	0	0	56	13
173	CENTRAL SUDAN	DUEIM	—	N	3	36.4	—	0	—	1009.4	-1.0	N	3	26.4	39	+1	18	+1	24	+5	0	—	—	0	0	21	12
	CENTRAL SUDAN	RENK									—					—		—		—							
172	CENTRAL SUDAN	ROSEIRES	1004.3	WNW	2	30.8	—	0	—	1006.3	-2.6	WNW	2	29.4	40	+1	18	-1	23	-4	0	—	—	0	0	3	39
174	CENTRAL SUDAN	EL OBEID	1003.5	N	2	36	—	0	8	1008.8	-3.1	NNW	3	23.1	37	+2	16	+1	27	+5	0	8	—	0	0	23	20
175	CENTRAL SUDAN	EL FÂSHER	—	NNE	2	36.0	—	0	—	—	—	NW	2	19.0	38	+3	12	-3	34	+12	0	—	—	0	0	0	8
176	S. SUDAN	MALAKÂL	1002.0	N	2	40	—	2	8	—	—	ESE	2	29.1	40	+1	21	-1	31	+6	2	8	Ci	1	0	81	97
177	S. SUDAN	WÂU	1006.0	E	3	37.8	—	1	—	1011.7	+2.7	N	1	24.7	40	+2	20	-1	52	+4	1	—	—	1	0	201	164
178	S. SUDAN	JÛBA	1006.1	SE	4	30	—	4	8	1007.3	-0.5	SE	4	24.2	33	-4	22	0	75	+11	4	7	Cb	1	tr	161	161
179		Geneina	—	ESE	2	35	—	0	8	—	—	NE	3	20.4	37	—	16	—	11	—	4	8	Cs	0	0	—	—
180		Gallabat	—	NNW	3	38.5	—	0	—	—	—	E	3	27.3	38	—	17	—	53	—	0	—	—	0	0	—	—

Upper Wind Observations on 14th — ارصاد الرياح العليا يوم ١٤

Dir. E. of N. / Kms. per hour

Height metres above M.S.L.	Dikheila 07h. 15m. Dir.	Kms.	W. Halfa 06h. 00m. Dir.	Kms.	Kareima 06h. 00m. Dir.	Kms.	Khartum 05h. 00m. Dir.	Kms.	Geneina 07h. 00m. Dir.	Kms.	Kassala 07h. 00m. Dir.	Kms.	El Obeid 06h. 00m. Dir.	Kms.	Malakal 06h. 00m. Dir.	Kms.	Juba 06h. 00m. Dir.	Kms.	Salum 13th 13h. 00m. Dir.	Kms.	Ismailia 07h. 30m. R.A.F. Dir.	Kms.	Heliopolis 07h. 00m. R.A.F. Dir.	Kms.	Amman 07h. 00m. R.A.F. Dir.	Kms.	h. m. Dir.	Kms.	h. m. Dir.	Kms.
200	0	37	10	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40	10	350	26	10	31	—	—				
500	10	30	10	40	10	63	20	31	—	—	100	10	—	—	120	33	—	—	—	—			20	31	—	—				
1000	10	35	350	43	20	50	20	21	0	76	70	13	20	48	180	16	30	48	340	23					270	11				
1500	0	26	340	40	50	18	70	8	60	63	50	6	50	24	190	10	300	32	350	20					100	16				
2000			310	27	230	3	60	6	100	32	40	5	130	5	40	16	260	47	320	19					150	16				
3000					230	29			300	24	270	26	320	27	40	24									170	24				
4000									290	31																				
5000																														
6000																														

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

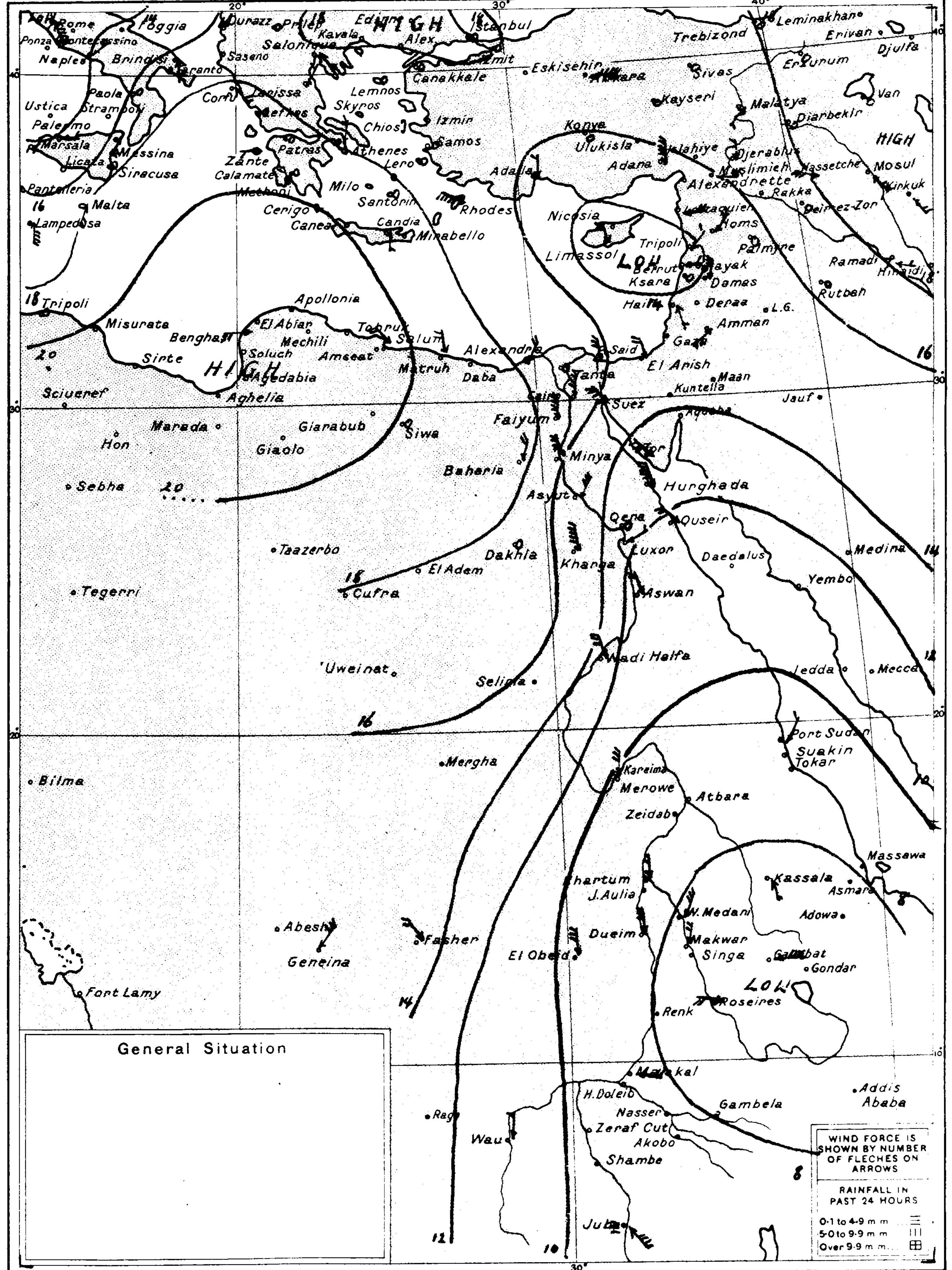
STATION	Mean of day Humidity % on 13th	Humidity Diff. from normal	Wet Bulb Temp. °C on 13th	Wet Bulb Diff. from normal
Alexandria	67	+2	13.1	+0.4
Ezbekiya	71	+13	14.2	+1.3
Gîza	64	+5	13.7	+1.0
Helwân	54	+8	13.0	+2.2

Gîza Grass minimum on 14th 8.4 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
14.3	870	940
13.3	866	940

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14.3	13.22	-0.04	13.10	-0.16
Nâsser	14.3	4.95	-0.08	4.98	-0.06
Malakâl	14.3	10.13	-0.08	10.16	-0.06
Roseires	14.3	11.82	+0.40	11.88	+0.46
Sennâr Res.	14.3	19.24	—	19.31	—
Khartûm	14.3	10.23	+0.06	10.23	+0.05
Kh. el Girba					
'Atbara	14.3	9.95	-0.12	9.92	-0.16
Kajnarti	14.3	131.91	-0.40	131.88	-0.43
Wâdi Halfa					
Aswân Res.	14.3	118.88	—	118.93	—
,, D. S.	14.3	85.59	-0.18	85.57	-0.20
El Leisi	14.3	17.50	+0.27	17.50	+0.25
Rôda (Cairo)	14.3	15.73	+0.13	15.78	+0.15



SCALE 1:15,000,000
Kms. 200 100 0 200 400 600 Kms.

At 8 h. on 13.3.37 — الساعة ٨ يوم ٣٧/٣/١٣

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1016	+2	ESE	1	16	—	—	—	—	—	—	0	—	—	—	0	—	396	ليماسول
Haifa	1016.3	+2.5	ESE	1	17.2	23	+1	12	+2	65	+1	0	—	—	—	0	345	611	حيفا
Gaza	1016.7	+2.0	—	0	15.1	22	+1	9	0	92	+22	0	7	—	0	0	160	352	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post .... P.T. 100
Abroad ...... P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. m. 06 04
sunset h. m. 18 03

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	Station	14h on 14th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h on Monday 15th: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1020.4	NNE	3	16.6	65	0	7	1022.6	+5.6	NW	3	11.5	18	—	11	—	95	—	1	6	Cu	0	0	105	—
131	MATRÛH	1018.8	NNW	3	17.6	68	3	6	1021.2	+4.7	N	2	16.2	18	-2	15	+5	81	+7	0	6	—	0	0	143	148
150	DIKHEILA														—		—									
132	ALEXANDRIA	1017.2	NE	4	18.8	60	2	9	1019.9	+4.0	N	5	16.2	20	-1	14	+2	79	+8	2	3	Cu	2	0	161	177
	DAMIETTA								1018.3	—	N	2	19.5	23	—	14	—	75	—	6	—	—	0	0	63	105
134	PORT SAÏD	1016.3	NNW	4	21.6	57	1	7	1019.2	+4.7	NE	3	17.7	23	+2	16	+3	70	-1	0	7	—	0	0	34	68
[illegible]	EL 'ARÎSH	[illegible]	NNW	3	18.8	68	0	6	1018.6	—	WNW	1	18.3	19	—	11	—	72	—	0	7	—	0	0	—	—
	LOWER EGYPT																									
[illegible]	DAMANHÛR								1017.9	+3.9	N	3	17.1	21	-3	11	+2	78	-1	0	1	—	0	0	68	98
137	MANSÛRA								1019.2	—	N	1	14.5	23	-1	12	+3	84	+7	0	7	—	0	0	27	46
138	TANTA								1019.2	+2.2	—	0	14.5	22	-3	8	-1	84	+8	0	7	—	0	0	33	36
139	ZAGÂZÎG								1019.6	—	NNW	2	16.3	22	-2	11	+3	78	+2	0	8	Cs	0	0	12	23
	MIDDLE EGYPT																									
141	CAIRO: ALMÂZA														—		—		—							—
	CAIRO: EZBEKÎYA	1015.0	NNE	2	22.1	53	1	8	1018.6	+2.8	NNE	3	14.8	23	-1	12	+1	86	+15	0	—	—	0	0	7	26
	CAIRO: GÎZA	1014.7	NNE	2	22.0	52	2	6	1018.6	+1.9	NE	2	16.0	22	-2	11	+3	77	+4	1	5	Sc	1	0	12	23
143	HELWÂN	1014.6	N	5	21.9	37	0	8	1017.1	+2.8	N	3	15.0	22	-2	12	+1	73	+19	1	7	Cu	1	0	14	27
144	SUEZ								1017.0	+3.1	NNW	3	16.0	24	0	14	+2	77	+15	3	—	—	—	0	12	21
	UPPER EGYPT																									
153	FAIYÛM	1014.8	N	5	21.8	46	0	8	1018.6	+1.7	N	3	15.7	23	-3	11	+2	68	+4	0	8	—	0	0	6	10
154	MINYA	1014.7	NNE	4	22.5	52	0	9	1017.5	+0.7	NNW	2	13.1	23	-2	11	+1	74	+4	0	6	—	0	0	6	—
155	ASYÛT	1013.8	NW	3	22.4	42	0	8	1017.1	+0.6	SW	3	15.5	24	-3	9	-1	77	+20	0	8	—	0	0	0	5
156	QENA	1011.5	W	6	27.0	38	3	6	1015.0	+0.2	W	5	[illegible]	29	-2	9	-3	72	+20	2	5	Cu	2	0	dr	—
157	LUXOR								1014.0	—	ENE	1	18.5	31	—	10	—	70	—	1	6	—	1	0	dr	—
158	ASWÂN	1009.0	NNW	2	31.0	17	0	6	1014.2	-1.0	NNW	2	20.0	32	+1	14	0	47	+10	0	6	—	3	0		—
	WESTERN DESERT																									
148	SÎWA	1019.8	—	0	22.1	67	0	6	1022.8	+6.2	N	3	13.9	23	-2	7	-1	71	+8	4	6	Cu	1	0	28	5
147	BAHARÎYA	1016.4	NNW	3	21.0	41	0	9	1020.7	—	N	2	12.2	22	—	8	—	78	—	4	7	As	1	0	26	—
151	KHÂRGA	1013.0	N	3	24.8	58	0	9	1016.3	+0.5	N	6	15.5	25	-4	12	+1	81	+30	0	9	—	0	0	0	0
152	DÂKHLA	1014.0	NNW	5	23.1	24	0	8	1019.6	+3.3	NNW	3	13.8	23	-6	11	+1	65	+23	0	7	—	0	0	dr	—
	RED SEA																									
145	TÔR								1014.2	-0.7	—	0	18.4	22	-2	14	+2	67	+5	0	6	—	0	0	13	13
146	HURGHÂDA								1013.6	-1.3	NNW	5	19.5	25	0	16	+4	65	+15	0	7	—	0	0	dr	0
147	QUSEIR								1013.9	-0.3	NW	4	22.3	26	+1	19	+2	57	+15	0	7	—	0	0	1	7
169	PORT SUDAN	1005.6	NW	4	27.1	—	0	—	1011.6	-1.3	—	0	25.5	29	+1	23	+3	84	+17	3	—	—	0	0	42	106
	NORTH SUDAN																									
165	WÂDI HALFA	1012.8	NW	4	28	—	0	8	1017.6	+2.5	NNW	2	13.0	29	-2	11	-1	45	+12	0	8	—	0	—	—	—
166	KAREIMA	1007.7	NNE	2	35	—	0	8	1014.9	+1.8	ENE	1	20.3	36	+1	16	-1	19	-4	1	8	Ci	0	0	dr	1
167	'ATBARA	1005.1	N	2	36.0	—	0	—	1011.6	-0.4	N	4	25.0	37	+2	20	+3	27	+9	0	—	—	0	0	5	1
168	KHARTÛM								1012.1	+1.7	N	4	22.0	39	+1	19	0	18	-1	6	7	Ci,Ac	1	0	4	5
170	KASSALA								1008.3	-1.1	NE	1	26.2	40	+2	20	+1	62	+15	3	8	Cs	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1009.6	-0.3	NW	4	25.9	40	+2	21	+3	17	-5	0	—	—	4	0	56	13
173	DUEIM	1005.5	NW	3	37.8	—	0	—	1011.5	+1.1	NW	4	24.6	40	+2	20	+3	11	-8	2	—	—	0	0	21	12
	RENK									—					—		—		—							
172	ROSEIRES	1003.4	WNW	2	34.8	—	1	—	1009.0	+0.2	WNW	2	25.4	41	+2	19	0	34	+7	0	—	—	1	0	3	39
174	EL OBEID	1004.1	NE	2	36	—	0	8	1011.9	+0.1	N	3	20.5	38	+3	18	+3	22	0	4	8	Cs	1	0	23	20
175	EL FÂSHER								—	—	WNW	2	17.9	38	+3	16	+1	29	17	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL								—	—	NE	3	27.1	40	+1	25	+3	21	-5	4	8	Sc	2	0	81	97
177	WÂU	1006.4	SE	3	38.2	—	1	—	1011.9	+2.9	NE	3	30.5	40	+2	24	+3	34	-14	1	—	—	2	0	201	165
178	JÛBA	1004.4	SW	4	31	—	4	8	1010.0	+0.2	ENE	3	25.2	35	-2	25	+3	84	+19	5	8	Cb	6	1	162	162
179	Geneina								—	—	E	4	22.4	38	—	16	—	16	—	2	8	Ci	0	0	—	—
180	Gallabat	—	N	2	39.0	..	0	—	—	—	ENE	3	26.0	39	—	17	—	48	—	0	—	—	0	0	—	—

Upper Wind Observations on 15th

ارصاد الرياح العليا يوم ١٥

Height metres above M.S.L.	W. Haifa 07h 00m Dir. E. of N.	Kms. per hour	Kareima 06h 00m Dir. E. of N.	Kms. per hour	Khartum 06h 00m Dir. E. of N.	Kms. per hour	Geneina 07h 00m Dir. E. of N.	Kms. per hour	El Obeid 06h 00m Dir. E. of N.	Kms. per hour	[illegible] 07h 00m Dir. E. of N.	Kms. per hour	Juba 07h 00m Dir. E. of N.	Kms. per hour	Heliopolis (R.A.F.) 07h 00m Dir. E. of N.	Kms. per hour	Ramleh (R.A.F.) 07h 00m Dir. E. of N.	Kms. per hour
200	350	27	—	—	—	—	—	—	—	—	—	—	—	—	30	31	—	—
500	0	43	0	40	0	74	—	—	—	—	20	14	—	—	20	32	240	5
1000	0	30	340	50	0	70	0	63	10	63	0	21	10	[illegible]	50	47	10	21
1500	20	16	310	27	350	8	00	66	30	34	45	14	310	13	60	31	0	24
2000	20	16	280	31	300	34	110	34	150	8	0	5	300	31	153	5	300	35
3000			260	21	280	47	200	27	270	11	280	27	280	21	170	21	280	21
4000			270	34							260	31	270	[illegible]	60	6		
5000																		
6000																		

Forecast for 24 hours from noon on ...

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 14th	Diff. from normal	Wet bulb temp. °C on 14th	Diff. from normal
Alexandria	64	-1	15.5	+0.8
Ezbekiya	65	+1	14.[illegible]	+1.0
Gîza	67	+0	13.0	+1.0
Helwân	50	+12	12.8	+1.9

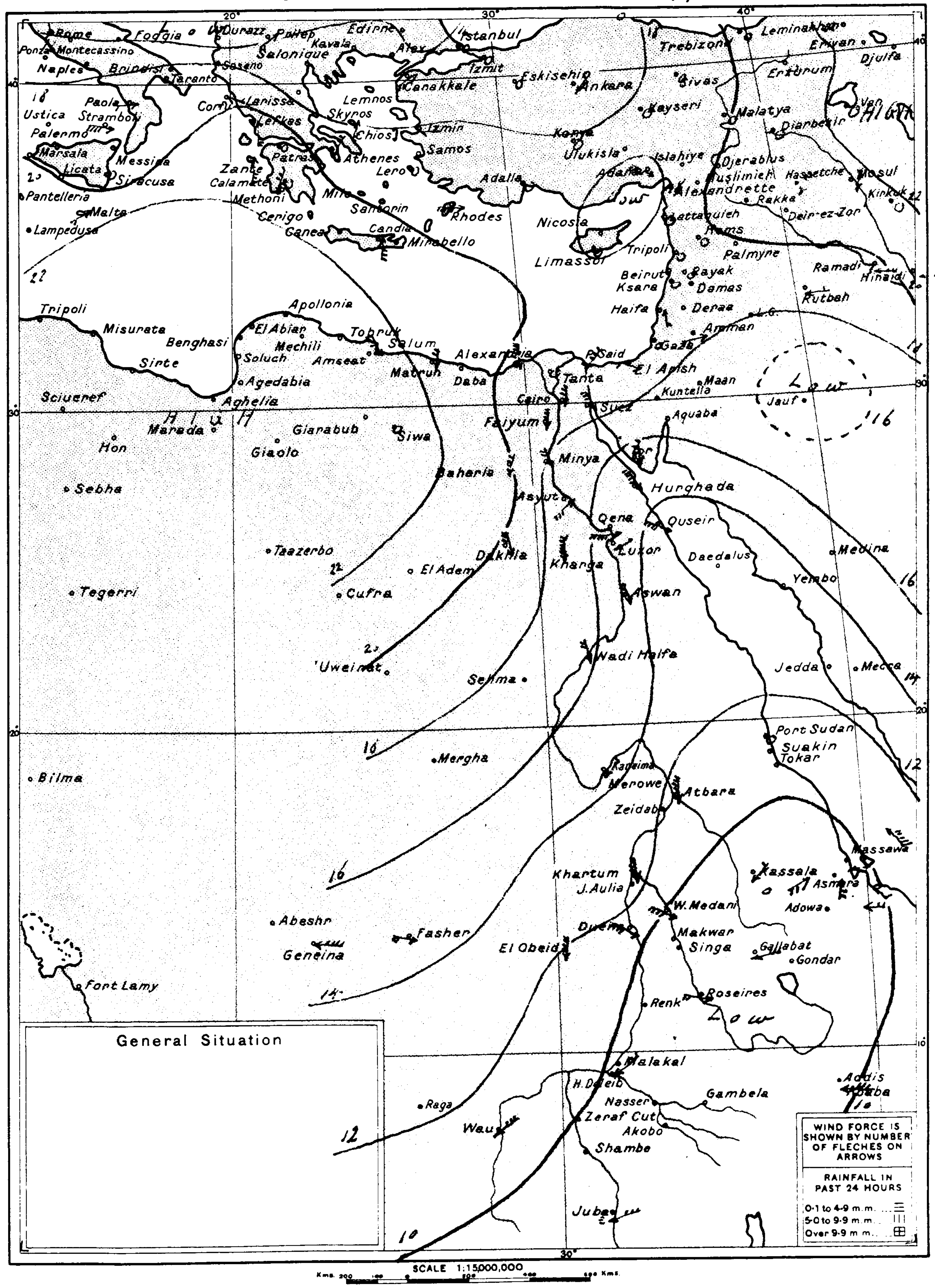
Gîza Grass minimum on 15th 8.2°C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
15.3	870	939
14.3	870	940

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15.3	13.14	-0.12	13.22	-0.04
Nâsser	15.3	7.42	-0.11	7.45	-0.08
Malakâl	15.3	10.11	-0.09	10.13	-0.08
Roseires	15.3	11.77	+0.38	11.82	+0.40
Sennâr Res.	15.3	19.12	—	19.24	—
Khartûm	15.3	10.19	+0.03	10.23	+0.06
Kh. el Girba					
'Atbara	15.3	9.96	-0.11	9.95	-0.12
Kajnarti	15.3	131.90	-0.39	131.91	-0.40
Wâdi Halfa					
Aswân Res.	15.3	118.84	—	118.88	—
,, D. S.	15.3	85.59	-0.18	85.54	-0.18
El Leisi	15.3	17.50	+0.28	17.50	+0.27
Rôda (Cairo)	15.3	15.75	+0.15	15.73	+0.15

Pressure and Wind at 8 h. 15-3-1937 الساعة ٨ يوم ١٥-٣-١٩٣٧



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 14-3-1937 الساعة ٨ يوم ١٤-٣-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1013	-1	NNW	2	17	—	—	—	—	—	—	0	—	—	—	0	—	378	
Haifa	1014.8	+1.0	SSE	1	19.1	21	-1	15	+5	74	+12	0	—	—	—	0	34.5	612	
Gaza	1015.1	+0.4	—	0	18.1	22	+1	12	+3	75	+5	0	9	—	0	0	360	352	

ANNUAL SUBSCRIPTION
Inland Post ... P.T. 100
Abroad ... P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise h. m. 06 03

sunset h. m. 18 04

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	STATION	At 14h. on 15th (الساعة ١٤ يوم ١٥) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Tuesday 16th (الساعة ٨ يوم الثلاثاء ١٦) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1023.5	NNE	3	17.4	70	1	7	1024.3	+7.3	WNW	2	13.6	22	—	10	—	41	—	0	7	—	0	0	105	—
131	MATRÛH	1022.0	NW	3	18.9	79	3	6	1023.1	+6.6	W	1	14.1	18	-2	10	0	71	+17	0	6	—	0	0	143	148
150	DIKHEILA														—		—		—							
132	ALEXANDRIA	1020.7	NE	4	20.2	65	0	9	1022.3	+6.4	NE	—	16.9	22	+1	15	+2	80	+7	0	7	—	0	0	161	180
159	DAMIETTA								1020.6	—	N	2	19.8	24	—	14	—	79	—	0	—	—	0	0	63	105
134	PORT SAÏD	1019.2	NNW	5	21.8	67	0	7	1021.1	+6.6	NNW	3	17.7	23	+2	16	+3	79	+8	0	7	—	0	0	34	68
135	EL 'ARÎSH	1017.9	NNW	4	19.0	72	1	7	1020.2	—	—	0	18.8	17	—	12	—	76	—	0	7	Cu	0	0	—	—
136	LOWER EGYPT: DAMANHÛR	1020.2	NNE	3	22.0	40	0	8	1022.2	+6.2	NNW	3	16.0	23	-1	10	+1	84	+5	0	5	—	0	0	68	78
137	MANSÛRA								1021.2	—	N	2	13.5	24	0	11	+2	90	+13	0	6	—	0	0	27	46
138	TANTA								1021.5	+4.5	—	0	13.5	23	-2	8	-1	98	+22	8	5	Sc	2	0	33	37
139	ZAGÂZÎG								1021.8	—	NNW	2	13.6	23	-1	10	+2	95	+19	0	4	—	0	0	12	23
141	MIDDLE EGYPT: CAIRO ALMÂZA	1019.2	ENE	3	24.1	66	1	8	1020.8	—	NE	3	15.9	24	—	10	—	84	—	2	7	St	4	0	—	—
	CAIRO EZBEKÎYA	1017.8	NNE	5	24.8	42	0	9	1020.6	+4.9	NNE	4	15.4	25	+1	12	+1	87	+18	4	5	Sc	2	0	9	26
	CAIRO GÎZA	1017.1	NE	3	24.1	44	0	7	1020.7	+4.1	NNE	2	14.7	24	0	10	+2	94	+21	4	4	Sc	2	0	12	23
143	HELWÂN	1017.1	NNE	5	24.0	27	6	7	1020.0	+3.8	NNE	1	15.3	25	+1	12	+1	76	+12	0	7	Cu	1	0	14	27
144	SUEZ								1020.3	+4.5	N	4	16.0	26	+2	14	+2	79	+5	1	—	—	—	0	12	21
153	UPPER EGYPT: FAIYÛM	1017.2	N	5	24.7	34	0	8	1020.3	+3.7	N	5	15.3	25	-1	13	+4	83	+19	1	7	Cu	1	0	6	10
154	MINYA	1015.5	NNE	5	24.9	47	0	5	1018.6	+2.0	NNW	3	16.0	25	-1	13	+3	81	+11	0	7	—	0	0	16	—
155	ASYÛT	1015.1	NW	3	24.6	36	0	8	1017.8	+1.4	WNW	3	15.5	26	-1	10	0	71	+12	0	8	—	0	0	0	5
156	QENA	1013.0	WNW	4	28.5	43	1	7	1015.8	+1.0	WNW	1	18.2	30	-1	14	+2	63	+11	0	7	—	0	0	dr	—
157	LUXOR	1012.7	SSE	2	31.2	35	0	8	1015.8	—	—	0	19.9	32	—	12	—	58	—	0	8	—	0	0	dr	—
158	ASWÂN	1011.5	N	2	29.0	25	0	6	1014.3	-0.9	NE	1	20.5	31	0	16	+2	48	+12	0	6	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1019.8	NE	3	26.9	33	0	6	1022.6	+6.1	—	0	12.1	27	+2	5	-3	55	-8	0	6	—	0	0	28	5
149	BAHARÎYA	1018.0	NNE	3	23.8	34	0	9	1021.0	—	NNE	3	14.0	24	—	10	—	78	—	0	9	—	0	0	26	—
151	KHÂRGA	1015.8	N	5	24.2	66	0	9	1017.1	+1.3	N	2	19.0	26	-3	14	+3	69	+18	0	9	-	0	0	0	0
152	DÂKHLA	1017.9	NNW	4	21.9	37	0	8	1018.8	+2.5	WNW	4	16.3	23	-6	13	+3	55	+13	0	7	—	0	0	dr	—
145	RED SEA: TÔR								1016.2	+1.4	NW	4	20.4	25	+1	14	+1	69	+6	0	6	—	2	0	13	13
146	HURGHÂDA								1017.1	+2.3	NW	4	22.0	25	0	10	-2	43	-7	0	8	—	0	0	dr	0
147	QUSEIR																									
169	PORT SUDAN	—	N	2	27.7	—	3	—	1011.9	-0.9	N	3	26.5	30	+1	24	+4	77	+12	3	—	—	5	dr	42	106
165	NORTH SUDAN: WÂDI HALFA	1015.5	WNW	5	25	—	0	7	1016.9	+1.9	NW	3	14.7	26	-6	11	-2	49	+16	0	8	—	0	—	—	—
166	KAREIMA	1012.3	N	3	31	—	4	8	1016.4	+3.4	N	2	17.1	31	-4	11	-6	32	+9	3	8	Ci	1	0	dr	1
167	'ATBARA	1008.7	N	2	34.0	—	0	—	1012.7	+0.8	NW	3	22.0	34	-3	16	-1	40	+22	1	—	—	0	0	5	1
168	KHARTÛM	1008.7	N	5	35	—	3	7	1012.8	+2.5	NNE	5	20.8	36	-2	16	-3	21	+2	4	5	Cs	1	0	4	5
170	KASSALA	1002.8	NE	5	39	—	3	8	1011.1	+1.9	ENE	1	22.3	39	+1	16	-3	36	-11	3	8	Cs	1	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI	1007.1	N	3	37.0	—	0	—	1011.5	+1.7	N	4	22.6	38	0	17	-2	19	-3	0	—	—	0	0	56	13
173	DUEIM	1008.0	NW	4	34.8	—	2	—	1012.8	+2.5	NNW	4	21.8	40	+2	17	0	14	-5	1	—	—	1	0	21	12
182	RENK									—					—		—		—							
172	ROSEIRES	1003.9	NW	3	39.7	—	0	—	1007.6	-1.1	NW	2	23.9	41	+2	17	-3	25	-2	1	—	—	1	0	3	37
174	EL OBEID	1007.2	N	4	33	—	4	8	1013.1	+1.4	N	3	19.7	35	0	16	+1	11	-11	3	8	As	1	0	23	20
175	EL FÂSHER	—	NNW	2	34.9	—	0	—	—	—	NNW	3	20.0	38	+3	15	0	40	+18	0	—	—	0	0	0	8
176	S. SUDAN: MALAKÂL	—	ENE	3	38	—	2	8	—	—	NE	4	26.8	40	+1	21	-1	17	-9	1	8	Sc	1	0	81	97
177	WÂU	1007.0	NE	3	40.0	—	1	—	1014.2	+5.3	N	2	24.0	40	+2	24	+3	57	+8	3	—	—	2	0	201	166
178	JÛBA	1003.3	NE	1	36	—	4	7	1011.1	+1.3	SE	3	24.8	38	+1	23	+1	68	+3	4	8	Cu	8	7	169	163
179	Geneina	—	NE	4	35	—	1	8	—	—	NE	3	17.8	37	—	17	—	20	—	3	8	As	0	0	—	—
180	Gallabat	—	N	4	38.0	—	0	—	—	—	N	3	28.1	39	—	22	—	60	—	0	—	—	0	0	—	—

Upper Wind Observations on 16th — ارصاد الرياح العليا يوم ١٦

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Almaza 08h.15m. Dir.	Kms.	Cairo 08h.30m. Dir.	Kms.	Helwan 08h.45m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 07h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Abukir 07h.00m. (R.A.F.) Dir.	Kms.
200	290	10	350	14	40	23	30	27	20	18	—	—	—	—	330	18	—	—	—	—	—	—	—	—	—	—	—	—	20	31
500	—	—	40	16	40	37	50	30	30	40	50	22	30	28	0	29	0	39	350	50	—	—	0	21	—	—	—	—	50	21
1000	0	31	20	23	50	47	50	39	40	16	130	14	60	46	20	26	10	34	0	35	0	60	30	27	20	68	30	35	50	14
1500	350	30			50	23	60	20	50	35	90	24	60	49	30	21	0	16	320	27	60	64	30	14	20	40	290	21	70	11
2000	350	14			60	18			70	27	70	17			20	8	310	21	300	40	160	18	330	18	100	5	300	66	70	21
3000									80	12					70	11	290	34	290	39	270	31	300	34					40	21
4000																	270	37			290	31	210	24						
5000																	250	39												
6000																														

Forecast for 24 hours from noon on 16th

North to northeast winds, moderate on the coast, moderate to fresh inland. Clear or occasional high cloud. Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٦

رياح بين الشمالية والشمالية الشرقية تكون معتدلة على الساحل وبين المعتدلة والشديدة نوعا في الداخل السماء صحو أو يظهر بعض السحاب العالي أحيانا ولا تتغير درجة الحرارة إلا قليلا

STATION	Mean of day: Humidity % on 15th	Diff. from normal	Wet bulb temp. °C on 15th	Diff. from normal
Alexandria				
Ezbekiya				
Gîza				
Helwân				

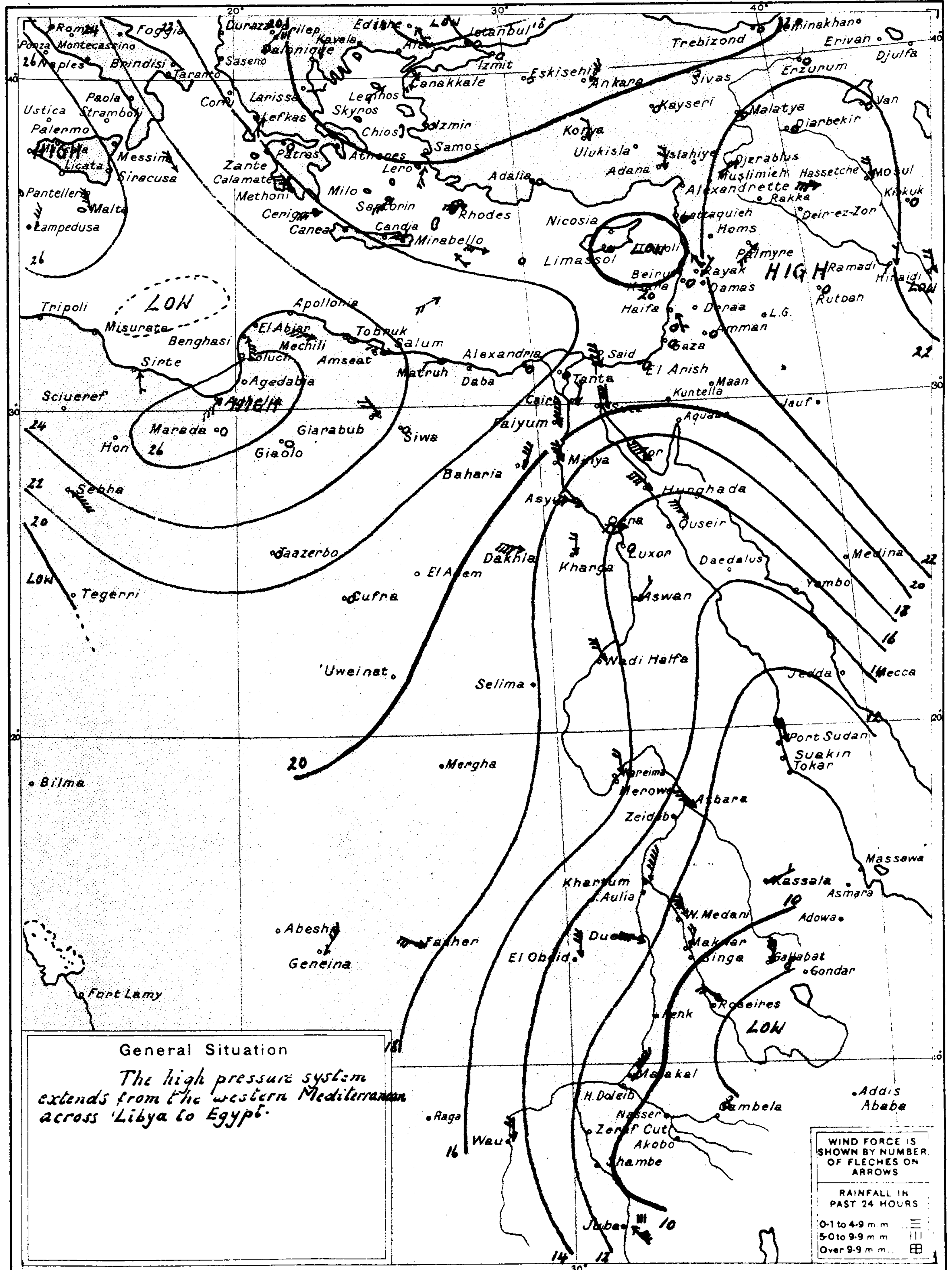
Gîza Grass minimum on 16th 7.7 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
16.3	869	939
15.3	870	939

GAUGE	Date 1937	Reading m.	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15.3	13.14	-0.12	13.22	-0.04
Nâsser	15.3	4.92	-0.11	4.95	-0.08
Malakâl	16.3	10.10	-0.09	10.11	-0.09
Roseires	16.3	11.76	+0.36	11.79	+0.38
Sennâr Res.	15.3	19.12	—	19.24	—
Khartûm	15.3	10.19	+0.03	10.23	+0.06
Kh. el Girba					
'Atbara	15.3	9.96	-0.11	9.95	-0.12
Kajnarti	15.3	131.90	-0.39	131.91	-0.40
Wâdi Halfa					
Aswân Res.	16.3	118.77	—	118.84	—
,, D. S.	16.3	85.60	-0.16	85.59	-0.18
El Leisi	15.3	17.50	+0.28	17.50	+0.27
Rôda (Cairo)	16.3	15.75	+0.16	15.75	+0.15

١٩٣٧-٣-١٦ Pressure and Wind at 8 h. 16-3-1937



General Situation

The high pressure system extends from the western Mediterranean across Libya to Egypt.

STATION	At 8 h. on 15-3-1937 (الساعة ٨ يوم ١٥-٣-١٩٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1016	+2	—	0	17	—	—	—	—	—	—	0	—	—	—	0	—	377	ليماسول
Haifa	1017.5	+3.8	SSE	1	18.7	22	0	13	+3	68	+6	0	—	—	—	0	345	613	حيفا
Gaza	1015.4	+3.8	—	0	14.1	22	+1	10	—	93	+23	0	9	—	0	0	300	353	غزة
Ships	33264	—	34906	—	30400	—	14873	—	30000	—	41800	—	75103						سفن
	33336	—	26946	—	22200	—	24962	—	30011	—	50000	—	36301						
	33372	—	17906	—	30402	—	24859	—	60035	—	58018								

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ... P.T. 100
Abroad ... P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. m.
sunset h. m.

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

	STATION	At 14h. on 16th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Wednesday 17th: Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1023.9	NNE	3	20.8	41	0	8	1023.8	+6.8	NNE	4	14.2	24	—	12	—	85	—	2	5	Cu	1	0	105	—
131	MATRÛH	1022.7	NW	3	17.1	83	0	6	1021.9	+5.5	NNW	3	16.3	18	−2	13	+3	85	+11	3	6	Sc	0	0	143	149
150	DIKHEILA	1022.1	NNW	3	18.2	81	0	—	1021.6	—	NNW	3	17.2	18	—	15	—	89	—	3	8	Sc	0	0	—	—
132	ALEXANDRIA	1021.5	NNE	5	20.2	67	0	8	1020.6	+4.8	N	4	16.3	22	0	15	+2	89	+18	2	7	Cu	0	0	161	180
159	DAMIETTA								1029.0	—	NNW	1	20.0	26	—	14	—	75	—	0	—	—	0	0	63	105
134	PORT SAÎD	1019.9	NNW	4	22.5	70	0	7	1020.0	+5.6	NNE	2	20.5	23	+2	16	+3	69	−1	0	7	—	0	0	34	68
135	EL 'ARÎSH	1018.4	NNW	3	19.3	74	0	7	1019.4	[illegible]	—	0	19.5	20	—	12	—	72	—	0	7	—	0	0	—	
136	LOWER EGYPT: DAMANHÛR								1020.4	+4.5	NNW	1	15.1	25	+1	9	0	85	+6	8	4	—	4	0	68	99
137	MANSÛRA								1019.6	—	SE	1	15.0	27	+3	12	+3	87	+10	0	7	—	0	0	27	46
138	TANTA								1020.3	+3.3	—	0	13.0	26	+1	8	−1	95	+20	0	7	—	0	0	33	37
139	ZAGÂZÎG								1020.4	—	NNW	2	15.2	26	+2	9	+1	85	+9	[illegible]	8	[illegible]	0	0	12	23
141	MIDDLE EGYPT, CAIRO: ALMÂZA	1018.8	N	3	25.8	40	0	9	1020.4	—	N	1	12.9	27	—	7	—	88	—	0	7	—	0	0	—	—
	EZBEKÎYA	1018.3	NNE	4	27.0	47	0	8	1020.0	+4.4	NE	2	12.7	28	+3	11	0	90	+19	0	4	—	1	0	9	26
	GÎZA	1018.2	N	2	26.4	46	0	6	1020.2	+3.7	NNW	1	12.5	27	+3	9	+1	94	+21	3	5	Sc	1	0	12	23
143	HELWÂN	1018.0	N	5	26.1	31	6	7	1020.3	+4.2	N	1	14.6	27	+3	11	0	85	+21	1	5	Cu	0	0	14	27
144	SUEZ								1019.5	+3.8	NNW	2	16.5	27	+3	15	+3	76	+2	0	—	—	—	0	12	21
153	UPPER EGYPT: FAIYÛM								1019.9	+3.3	N	4	14.5	27	+1	12	+3	82	+18	1	6	Cu	1	0	6	10
154	MINYA	1016.2	N	2	27.8	42	0	8	1018.0	+1.5	N	4	15.8	29	+3	13	+3	78	+8	0	6	—	0	0	16	—
155	ASYÛT	1014.8	NNW	3	30.4	24	0	8	1017.2	+0.9	NW	3	15.5	32	+5	11	+1	63	+5	0	8	—	0	0	0	5
156	QENA	1012.8	N	1	32.2	33	1	7	1014.2	−0.6	NNW	2	19.8	35	+3	15	+3	58	+7	0	7	—	0	0	dr	—
157	LUXOR	1012.6	NNW	1	32.3	27	1	8	1014.3	—	ESE	1	20.9	35	—	13	—	57	—	0	8	—	0	0	dr	—
158	ASWÂN	1009.6	NNW	1	33.1	21	1	6	1014.0	+1.0	NNE	1	21.3	35	+4	17	+3	40	+4	0	6	—	1	0	1	—
148	WESTERN DESERT: SÎWA	1021.0	NE	2	27.8	17	0	6	1022.4	+5.9	NNE	4	14.9	29	+3	8	0	73	+10	0	6	—	0	0	28	6
149	BAHARÎYA	1017.8	N	4	27.1	30	0	9	1020.6	—	NNW	1	13.8	28	—	10	—	71	—	0	9	—	0	0	26	—
151	KHÂRGA	1011.5	N	4	29.2	58	0	9	1016.6	+0.9	N	4	20.4	30	+1	18	+7	71	+20	0	9	—	0	0	0	0
152	DÂKHLA	1015.5	NNW	4	27.3	35	0	8	1017.2	+1.0	NNW	4	17.9	28	+1	16	+6	49	+7	0	6	—	0	0	dr	—
145	RED SEA: TÔR								1014.8	0.0	NW	3	20.8	24	0	18	+5	67	+4	0	6	—	1	0	13	13
146	HURGHÂDA								1014.3	−0.4	NNW	6	22.3	27	+1	21	+8	52	+2	0	7	—	0	0	dr	0
147	QUSEIR																									
169	PORT SUDAN																									
165	NORTH SUDAN: WÂDI HALFA								1014.1	−0.7	NNW	2	20.9	31	−1	17	+4	41	+8	0	8	—	0	—	—	—
166	KAREIMA								1012.9	0.0	—	0	20.0	32	−4	14	−3	20	−13	1	7	Ci	1	0	dr.	1
167	'ATBARA	1009.0	E	1	31.8	[illegible]	2	—																		
168	KHARTÛM								1011.0	+0.8	N	3	21.7	34	−4	17	−2	25	+6	4	8	Cs Ac	1	0	4	5
170	KASSALA																									
171	CENTRAL SUDAN: WAD MEDANI	1008.4	NW	3	34.9	—	0	—																		
173	DUEIM	1008.8	NW	3	38.8	—	0	—																		
	RENK	1006.7	NW	4	38.7	—	0	—																		
172	ROSEIRES									—					—		—		—							
174	EL OBEID								1011.9	+0.3	NNW	2	21.0	33	−3	17	+2	16	−6	2	8	Cs Ac	2	0	23	20
175	EL FÂSHER	—	ENE	1	33.0	—	0	—	—	—	NNW	1	15.9	35	0	11	−4	33	+11	0	—	—	0	0	0	8
176	S. SUDAN: MALAKÂL								—	—	NNE	4	26.8	39	0	24	+2	9	−18	3	8	Cs Ac	2	0	81	98
177	WÂU																									
178	JÛBA								1010.7	+0.9	ENE	3	25.3	38	+1	23	+1	76	+11	4	8	Cs Sc	6	2	171	165
179 / 180	Geneina / Gallabat	—	N	3	38.3	—	0	—	—	—	ENE	3	16.4	36	—	17	—	24	—	0	8	Ci	0	0	—	—

Upper Wind Observations on 17 ارصاد الرياح العليا يوم

Times (h. m.): Salum 07 00; Matruh 07 00; Di Kheila 07 45; Almaza 08 15; Cairo 08 15; Helwan 08 45; Asyut 07 00; Aswan 07 00; W. Halfa 07 00; Kareima 06 00; Khartoum 04 00; El Obeid 06 00; Malakal 06 00; Geneina 07 00; Juba 06 00

Height metres above M.S.L.	Salum Dir. E.of N.	Salum Kms. per hour	Matruh Dir.	Matruh Kms.	Di Kheila Dir.	Di Kheila Kms.	Almaza Dir.	Almaza Kms.	Cairo Dir.	Cairo Kms.	Helwan Dir.	Helwan Kms.	Asyut Dir.	Asyut Kms.	Aswan Dir.	Aswan Kms.
200	0	26	340	24	330	23	30	18	20	26	40	18	—	—	—	—
500	—	—	20	26			40	25	30	36	40	31	350	39	30	29
1000	0	63	40	22			30	35	30	32	30	50	10	32	30	26
1500	0	57	10	39			340	14	20	16	20	19	60	30	40	22
2000	350	30					270	6	330	2			50	14		
3000	340	45														
4000																
5000																
6000																

Height metres above M.S.L.	W. Halfa Dir.	W. Halfa Kms.	Kareima Dir.	Kareima Kms.	Khartoum Dir.	Khartoum Kms.	El Obeid Dir.	El Obeid Kms.	Malakal Dir.	Malakal Kms.	Geneina Dir.	Geneina Kms.	Juba Dir.	Juba Kms.
200	350	24	—	—	—	—	—	—	—	—	—	—	—	—
500	30	21	0	40	10	43	—	—	30	45	+	—	—	—
1000	30	34	10	34	10	34	0	50	20	71	0	68	30	35
1500	50	34	20	11	300	18	10	23	50	47	60	18	310	24
2000	50	32	20	10	340	16	330	5	40	40	90	19	290	32
3000	50	24	250	10	270	19	300	24	30	29	270	35	250	27
4000			260	34			270	31					250	27
5000														
6000														

Forecast for 24 hours from noon on 17th

North to northeast winds, fresh on the coast, moderate to fresh inland.
Clear or occasional high cloud.
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٧
رياح شمالية الى شمالية شرقية شديدة نوعاً على الساحل ومابين
المعتدلة والشديدة نوعاً فى الداخل
السماء صحو او غيوم عالية فى بعض الوقت. السماء احيانا.
ودرجة الحرارة كما هى.

STATION	Mean of day: Humidity % on 16th	Diff. from normal	Wet Bulb Temp. °C on 16th	Diff. from normal
Alexandria	80	+15	15.4	+2.6
Ezbekîya	75	+19	16.7	+3.6
Gîza	72	+13	16.1	+3.1
Helwân	52	+6	14.2	+3.1

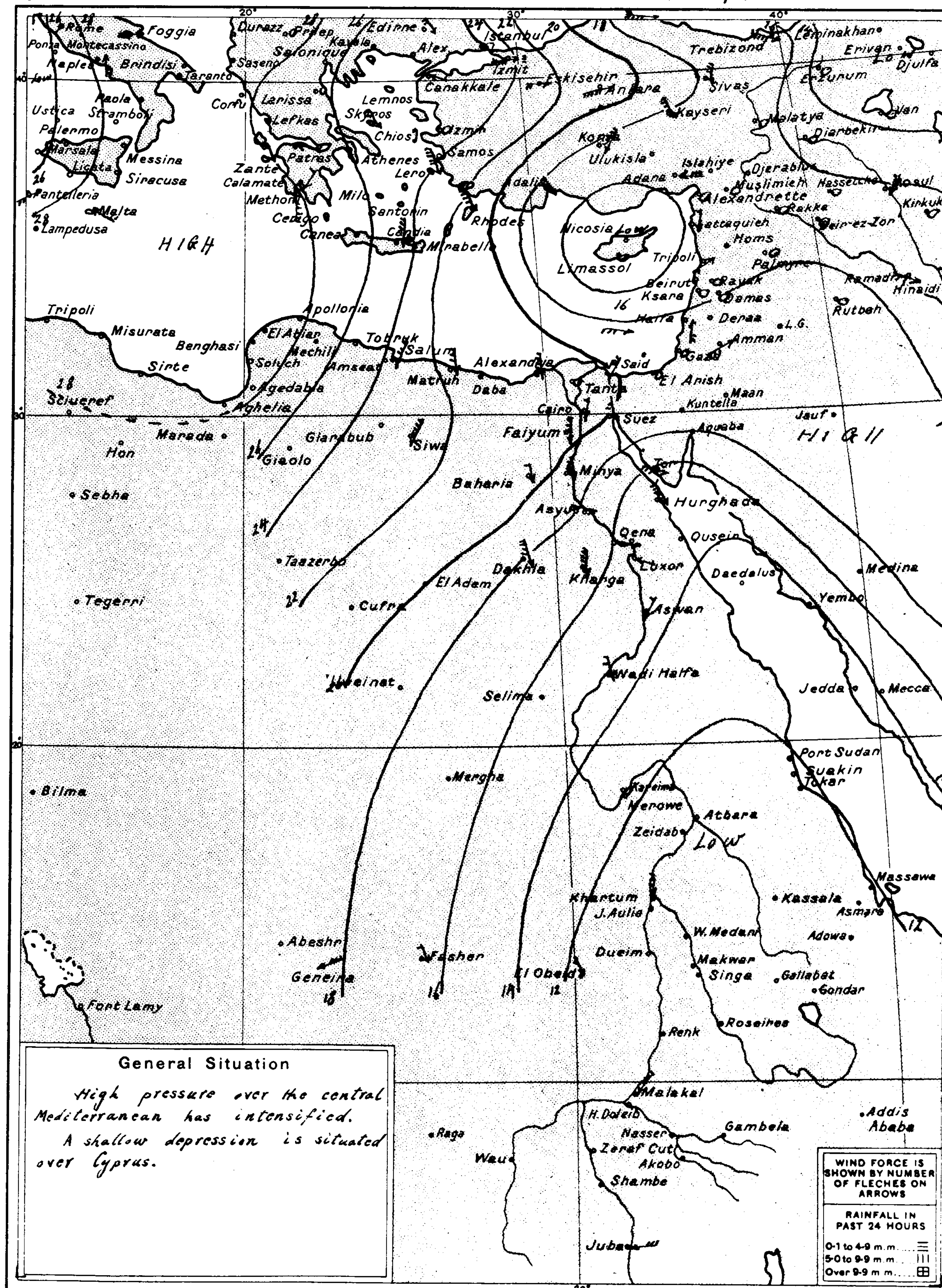
Gîza Grass minimum on 16th 5.6 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
17-3	818	937
16-3	869	939

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16-3	13.12	−0.14	13.14	−0.12
Nâsser ×	16-3	4.87	−0.16	4.92	−0.11
Malakâl	17-3	10.09	−0.09	10.10	−0.09
Roseires	17-3	11.73	+0.34	11.76	+0.36
Sennâr Res.	16-3	19.07	—	19.12	—
Khartûm	16-3	10.15	−0.02	10.19	+0.03
Kh. el Girba					
'Atbara	17-3	9.95	−0.10	9.96	−0.10
Kajnarti	17-3	131.88	−0.38	131.88	−0.39
Wâdi Halfa					
Aswân Res.	17-3	118.69	—	118.77	—
,, D. S.	17-3	85.56	−0.19	85.60	−0.16
El Leisi	17-3	17.49	+0.29	17.50	+0.29
Rôda (Cairo)	17-3	15.73	+0.15	15.75	+0.16

Pressure and Wind at 8h. 17-3-1937 ١٧-٣-١٩٣٧



General Situation

High pressure over the central Mediterranean has intensified.
A shallow depression is situated over Cyprus.

STATION	At 8h. on 16-3-1937: Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	الساعة ٨ يوم ١٦-٣-١٩٣٧
Limasol	1019	+5	—	0	19	—	—	—	—	—	—	•	—	—	—	•	—	400	ليماسول
Haifa	1020.3	+6.6	SSE	1	17.6	23	+1	14	+4	73	+11	0	—	—	—	0	345	614	حيفا
Gaza	1020.0	+5.4	—	0	14.2	23	+2	11	+1	97	+27	8	4	—	3	0	360	354	غزة
Ships	43288	—	32906	—	30600	—	17818	—	—	617×0	—	—	44	500					سفن

WIND VELOCITY

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

PRESENT WEATHER

Clear 0
¼ Clouded 1
½ Clouded 2
¾ Clouded 3
Entirely clouded 4
Raining 5
Sand haze 6
Sand storm 7
Mist or Fog 8
Thunderstorm 9

VISIBILITY

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

CLOUD FORM

Cirrus Ci
Cirro-cumulus Cc
Cirro-stratus Cs
Alto-stratus As
Alto-cumulus Ac
Strato-cumulus Sc
Stratus St
Nimbus Nb
Nimbo-stratus Ns
Cumulus Cu
Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

x. Nasser River Gauge Reading for 5.2.37 published on 5.2.37 should read 5.36 instead of 5.33 M.

ANNUAL SUBSCRIPTION
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CAIRO
Time of sunrise h. 06 m. 01
sunset h. 18 m. 05

Month March 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 17th (الساعة ١٤ يوم ١٧) — At 8h. on Thursday 18th (الساعة ٨ يوم الخميس ١٨)

No.	STATION	14h. Barometric Pressure Reduced to M.S.L. m.b.	14h. Wind Dir.	14h. Wind Force	14h. Temperature °C	14h. Humidity %	14h. Present Weather	14h. Visibility	8h. Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1023.9	NNE	3	20.8	41	0	8	1023.1	+6.2	NW	3	12.7	21	—	9	—	80	—	1	6	Cu	1	0	105	—
131	MATRÛH	1022.6	N	3	13.2	69	0	6	1021.1	+4.7	NNW	4	16.1	19	-1	15	+5	72	-2	3	6	St	1	0	143	149
150	DIKHEILA	1021.3	NNW	4	18.4	87	0	—	1020.8	—	NNW	5	16.0	19	—	15	—	78	—	3	8	Sc	2	0	—	—
132	ALEXANDRIA	1020.4	NNE	5	19.9	77	4	7	1019.9	+4.2	NNE	5	15.3	21	-1	14	+1	72	+1	0	8	Cu	0	0	161	181
159	DAMIETTA								1018.0	—	NNW	3	18.3	25	—	12	—	73	—	0	—	—	1	0	63	106
134	PORT SAÏD	1019.1	NW	4	19.1	60	0	7	1018.6	+4.2	NW	3	17.4	24	+3	14	+1	64	-6	2	7	Cu	0	0	34	68
135	EL 'ARÎSH	1017.5	NW	2	20.2	70	0	7	1018.0	—	WSW	2	17.0	21	—	14	—	63	—	4	7	Cb	1	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR	1020.2	N	2	22.1	54	1	7	1019.6	+3.7	NNW	3	16.0	23	-1	10	+1	67	-11	3	6	Ac	1	0	68	99
137	MANSÛRA								1018.6	—	N	1	14.6	25	+1	9	0	75	-2	2	5	Cu	0	0	27	47
138	TANTA								1019.4	+2.5	—	0	14.0	24	-1	7	-3	95	+20	4	6	Ns	2	0	33	37
139	ZAGÂZÎG								1019.8	—	WNW	1	14.9	24	0	7	-1	81	+5	0	7	As	—	0	12	23
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1018.4	N	4	24.7	35	0	9	1019.9	—	N	3	13.7	25	—	8	—	70	—	4	7	St	2	0	—	—
	CAIRO EZBEKÎYA	1017.8	NW	3	25.8	39	0	7	1019.4	+3.8	N	3	14.2	26	+1	10	-1	75	+4	4	5	Sc	2	0	9	26
	CAIRO GÎZA	1017.5	N	2	25.1	40	0	6	1019.5	+3.1	N	2	13.6	25	+1	8	0	83	+10	4	5	Sc	2	0	12	23
143	HELWÂN	1017.4	NNW	4	24.9	19	0	7	1019.5	+3.5	NNW	4	12.7	25	+1	11	0	70	+7	4	5	Cb	2	0	14	27
144	SUEZ								1018.6	+2.9	NNW	2	15.5	26	+2	14	+1	63	-11	1	—	—	—	0	12	21
	UPPER EGYPT																									
153	FAIYÛM	1017.6	N	4	25.5	26	0	8	1019.8	+3.3	N	3	13.7	26	0	10	0	72	+9	4	6	Cu	2	0	6	10
154	MINYA	1015.6	NNW	5	26.6	32	0	6	1018.0	+1.6	N	5	14.7	27	+1	12	+2	71	+1	0	6	—	0	0	16	—
155	ASYÛT	1013.8	WSW	3	29.0	21	0	8	1017.2	+1.1	WNW	3	13.8	31	+4	11	0	74	+16	0	8	—	0	0	0	5
156	QENA	1011.5	W	1	32.8	30	1	7	1013.9	-0.8	W	3	19.5	34	+2	14	+1	53	+3	0	7	—	0	0	dr	—
157	LUXOR	1011.2	NNW	1	34.9	24	0	8	1013.9	—	ESE	1	20.4	35	—	11	—	55	—	0	8	—	0	0	dr	—
158	ASWÂN	1009.6	NNW	2	32.9	17	1	6	1012.6	-2.4	N	2	22.0	34	+3	13	-1	34	-1	0	6	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1020.3	NNE	2	28.1	32	0	6	1021.8	+5.4	—	0	13.8	28	+2	7	-2	73	+10	0	6	—	0	0	28	6
149	BAHARÎYA	1018.2	N	3	26.0	31	0	9	1020.6	—	N	2	13.0	27	—	8	—	74	—	0	9	—	0	0	26	—
151	KHÂRGA	1014.4	N	5	29.6	57	0	9	1016.4	+0.8	N	5	17.5	31	+2	15	+4	75	+24	0	9	—	0	0	0	0
152	DÂKHLA								1018.4	+2.3	NNW	4	16.8	30	+1	14	+4	55	+13	0	6	—	0	0	dr	—
	RED SEA																									
145	TÔR								1013.8	-0.9	NW	5	19.5	29	+4	18	+5	68	+5	0	6	—	1	0	13	13
146	HURGHÂDA																									
147	QUSEIR																									
169	PORT SUDAN	1009.3	NE	4	29.0	—	3	—																		
	NORTH SUDAN																									
165	WÂDI HALFA	1012.4	NNW	3	32	—	0	8	1014.1	-0.6	NW	4	19.8	33	+1	17	+4	40	+8	0	8	—	0	—	—	—
166	KAREIMA	1009.3	—	1	33	—	—	8	1010.4	-2.4	ENE	1	24.9	35	-1	20	+3	17	-5	0	7	—	0	0	dr	1
167	'ATBARA								1010.2	-1.5	N	3	25.0	36	0	20	+3	30	+12	0	—	—	0	0	5	1
168	KHARTÛM								1008.9	-1.2	N	3	23.5	37	-1	17	-2	27	+8	0	7	Ci	0	0	4	5
170	KASSALA								1007.6	-1.5	ESE	1	23.8	38	0	16	-3	39	-7	0	8	Ac	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI	1008.1	NNW	3	36.2	—	0	—	1008.2	-1.3	N	3	26.0	38	-1	19	0	12	-9	0	—	—	0	0	56	13
173	DUEIM	1007.6	W	2	35.6	—	0	—	1008.7	-1.4	NW	4	26.0	37	-1	17	0	15	-4	0	—	—	0	0	21	12
182	RENK																									
172	ROSEIRES	1005.0	NW	3	39.4	—	0	—	1008.2	-0.4	WNW	2	24.8	40	0	17	-3	28	+1	1	—	—	1	0	3	40
174	EL OBEID	—	NNE	2	33	—	0	8	1010.3	-1.2	NNW	1	20.7	35	-1	17	+1	34	+12	2	8	Ci	0	0	23	20
175	EL FÂSHER	—	NNW	2	29.3	—	0	—	—	—	NW	2	17.8	36	0	11	-4	37	+15	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL	1010.1	E	3	35	—	0	8	—	—	NNE	3	26.2	39	0	21	-1	15	-12	3	8	Ac,As	2	0	81	98
177	WÂU								1011.8	+2.9	N	3	24.8	39	+1	20	-1	26	-24	1	—	—	2	0	201	167
178	JÛBA								1006.7	-3.1	ENE	2	28.8	39	+2	24	+2	52	-14	4	8	StSc	1	0	171	166
179	Geneina	—	ESE	3	39	—	3	8	—	—	NE	3	17.7	39	—	15	—	28	—	0	8	—	0	0	—	—
180	Gallabat	—	N	3	38.6	—	0	—	—	—	N	3	29.8	39	—	21	—	54	—	0	—	—	0	0	—	—

Upper Wind Observations on 18th — ارصاد الرياح العليا يوم ١٨

Dir. E. of N. / Kms. per hour

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms.	Matruh 07h.00m. Dir.	Kms.	Dikheila 07h.30m. Dir.	Kms.	Cairo 08h.15m. Dir.	Kms.	Helwan 09h.15m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W.Halfa 07h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Kassala 06h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.
200	290	15	320	28	330	56	0	19	0	49	—	—	—	—	10	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	320	24	340	36	10	25	0	78	0	29	30	36	20	37	30	31	350	48	—	—	—	—	10	55	—	—	—	—
1000	350	30	Ext St				Ext Sc		0	15	0	34	30	29	30	47	30	50	0	42	10	18	10	51	10	71	220	29	0	66
1500	350	24							20	30	10	29	20	43	30	34	20	29	30	31	10	21	30	27	40	53	210	26	60	79
2000	20	42							10	16					20	27	10	18	80	18	210	8	0	13	30	50	230	34	0	31
3000	0	33													30	27	260	27	300	26	270	27			40	26	240	18	280	37
4000																	310	27									260	14	230	40
5000																											240	10		
6000																														

Forecast for 24 hours from noon on 18th

Moderate to fresh winds between northwest and northeast.
Clear or occasional medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٨
رياح بين المعتدلة والشديدة نوعا ربما شمالية غربية
وشمالية شرقية
السماء صحو أو ظهور بعض السحاب المتوسط
لا تغير كبير أحياناً
ولا تتغير درجة الحرارة الا قليلا

STATION	Mean of day Humidity % on 17th	Diff. from normal	Wet Bulb Temp. °C on 17th	Diff. from normal
Alexandria	83	+18	15.1	+2.2
Ezbekîya	75	+19	14.7	+1.5
Gîza	78	+20	14.4	+1.3
Helwân	67	+21	13.6	+2.5

Gîza Grass minimum on 18th 5.4 °C

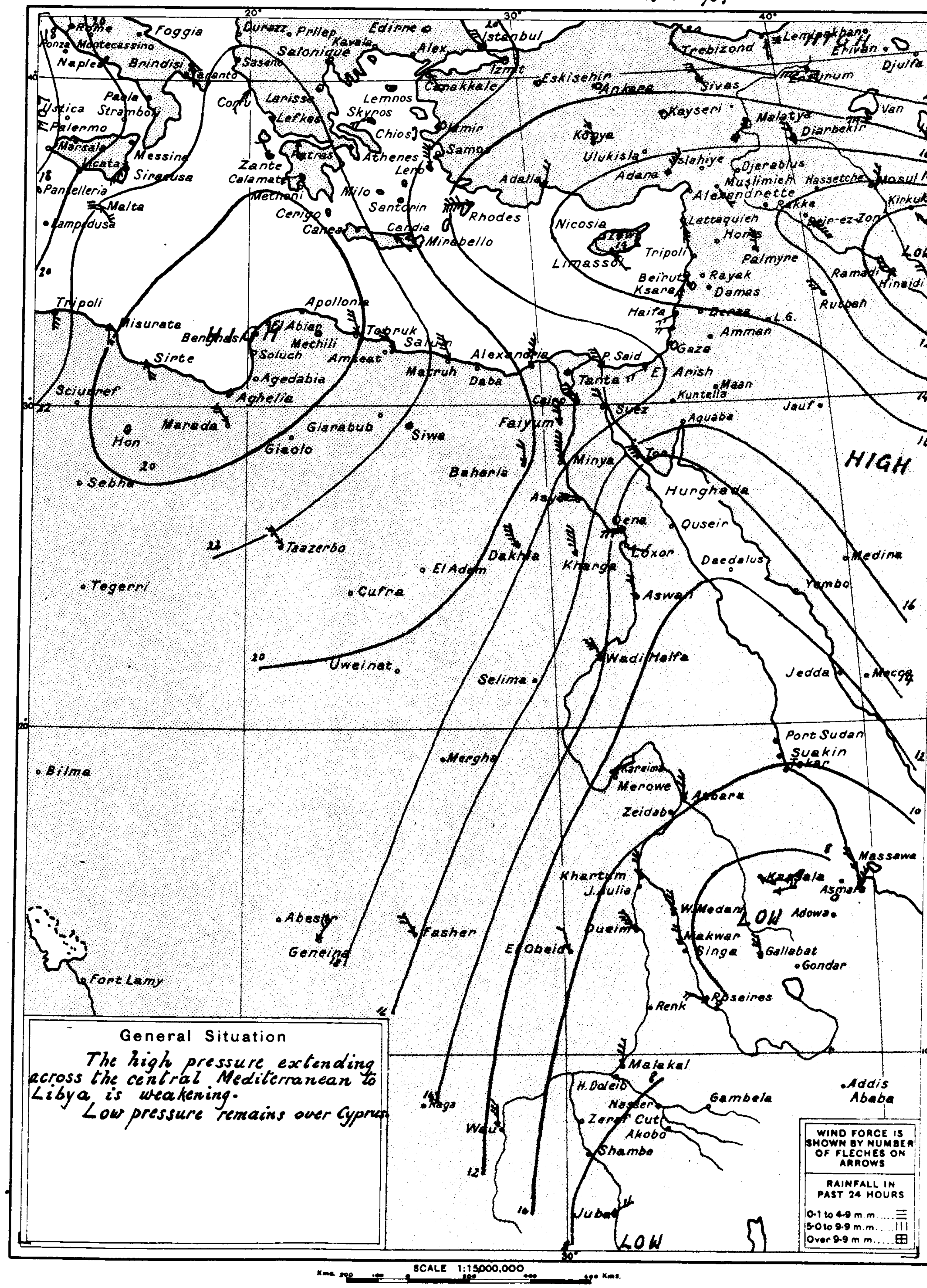
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
18.3	870	937
17.3	868	937

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17.3	13.12	-0.14	13.12	-0.14
Nâsser	17.3	4.83	-0.17	4.87	-0.16
Malakâl	18.3	10.07	-0.10	10.09	-0.09
Roseires	18.3	11.71	+0.33	11.73	+0.34
Sennâr Res.	17.3	19.00	—	19.07	—
Khartûm	17.3	10.19	+0.01	10.15	-0.02
Kh. el Girba					
'Atbara	18.3	9.94	-0.10	9.95	-0.10
Kajnarti	18.3	131.88	-0.37	131.88	-0.38
Wâdi Halfa					
Aswân Res.	18.3	118.62	—	118.69	—
,, D. S.	18.3	85.56	-0.18	85.56	-0.19
El Leisi	18.3	17.48	+0.28	17.49	+0.29
Rôda (Cairo)	18.3	15.70	+0.13	15.73	+0.15

Printed by the Survey of Egypt, 1936. (36/530)

١٩٣٧-٣-١٨ Pressure and Wind at 8 h. 18-3-1937



General Situation

The high pressure extending across the central Mediterranean to Libya is weakening.
Low pressure remains over Cyprus.

WIND VELOCITY

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

PRESENT WEATHER

Clear 0; ¼ Clouded 1; ½ Clouded 2; ¾ Clouded 3; Entirely clouded 4; Raining 5; Sand haze 6; Sand storm 7; Mist or Fog 8; Thunderstorm 9

VISIBILITY — Objects not visible at

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

CLOUD FORM

Cirrus Ci; Cirro-cumulus Cc; Cirro-stratus Cs; Alto-stratus As; Alto-cumulus Ac; Strato-cumulus Sc; Stratus St; Nimbus Nb; Nimbo-stratus Ns; Cumulus Cu; Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 17-3-1937 — الساعة ٨ يوم ١٧-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1013	-1	—	0	17	—	—	—	—	—	—	2	—	—	—	0	—	402	ليماسول
Haifa	1018.0	+4.3	SSE	2	19.9	22	0	15	+5	61	-1	0	—	—	—	0	345	615	حيفا
Gaza	1019.6	+5.1	—	0	16.8	23	+2	11	+1	92	+22	0	9	—	0	0	360	354	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise h. m. 06 00

sunset h. m. 18 06

Month March 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 18th — الساعة ١٤ يوم ١٨ · At 8h. on Friday 19th — الساعة ٨ يوم الجمعة ١٩

No.	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1023.0	NNE	5	16.1	73	1	7	1022.0	+5.1	NNW	3	14.1	18	—	9	—	88	—	2	5	Cu	1	0	105	—
131	MATRÛH	1020.8	NNW	4	16.9	73	1	6	1020.7	+4.4	NNW	3	16.2	17	-3	10	0	91	+18	2	6	Sc	1	0	143	150
150	DIKHEILA	1020.7	NNW	4	17.2	78	1	8	1020.7	—	N	3	17.0	18	—	15	—	81	—	3	8	Sc	2	0	—	—
132	ALEXANDRIA	1019.2	N	6	18.9	65	4	8	1019.9	+4.2	NE	3	16.2	20	-2	15	+2	82	+11	0	9	Ac	2	0	161	181
159	DAMIETTA								1018.6	—	NNW	2	20.3	22	—	14	—	68	—	0	—	Ci	1	0	63	106
134	PORT SAÏD	1017.9	NW	3	20.4	26?	0	7	1019.2	+4.9	NW	3	19.5	23	+2	15	+2	56	-14	1	7	Sc	1	0	34	69
135	EL 'ARÎSH	1016.8	NW	3	18.0	64	0	7	1018.6	—	—	0	19.0	19	—	13	—	56	—	1	7	Cu	1	0	—	—
136	LOWER EGYPT: DAMANHÛR	1018.8	NW	4	20.0	55	0	6	1019.9	+4.0	NW	3	18.0	21	-3	10	+1	69	-9	0	6	Cc	1	0	68	99
137	MANSÛRA								1018.8	—	S	1	14.0	23	-1	8	-1	84	+7	1	6	Ci	0	0	27	47
138	TANTA								1019.6	+2.7	—	0	14.0	22	-3	8	-2	78	+3	3	7	Cu	1	0	33	37
139	ZAGÂZÎG								1020.0	—	NNW	1	15.9	23	-1	10	+1	79	+3	—	8	Ci	—	0	12	23
141	MIDDLE EGYPT: CAIRO ALMÂZA														—		—		—							—
	EZBEKIYA	1017.4	N	2	22.9	59	0	8	1019.5	+4.0	—	0	14.6	24	-1	10	-1	84	+14	2	—	Cu	1	0	9	26
	GÎZA	1017.4	N	3	22.4	51	0	6	1019.2	+2.9	NW	2	15.0	23	-1	10	+2	86	+13	3	5	Sc	2	0	12	23
143	HELWÂN	1017.5	NW	4	21.1	42	0	7	1019.4	+3.9	N	4	13.0	22	-2	12	+1	68	+5	1	6	Cu	0	0	14	27
144	SUEZ								1019.6	+4.0	N	2	16.5	23	-1	14	+1	65	-9	2	—	—	—	0	12	22
153	UPPER EGYPT: FAIYÛM	1017.6	N	5	22.5	41	0	8	1019.9	+3.5	N	3	15.9	24	-2	11	+1	70	+7	1	7	Cu	1	0	6	10
154	MINYA	1016.4	NNW	5	22.8	39	0	5	1019.0	+2.6	N	4	15.2	23	-3	10	0	67	-2	0	7	—	1	0	16	—
155	ASYÛT	1015.0	NW	3	25.5	15	0	8	1018.3	+2.3	NW	3	13.8	26	-1	9	-2	78	+20	0	8	—	0	0	0	5
156	QENA	1011.8	WSW	4	30.8	32	0	7	1015.2	+0.5	WSW	5	17.8	31	-1	13	0	56	+6	0	8	—	0	0	dr	—
157	LUXOR	1011.2	NNW	2	32.0	27	0	8	1014.6	—	E	1	18.1	33	—	8	—	67	—	0	8	—	0	0	dr	—
158	ASWÂN	1009.6	NE	1	32.7	19	0	6	1013.9	-1.0	N	4	19.7	34	+3	15	+1	36	+2	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1020.3	NW	2	23.6	37	0	6	1021.5	+5.2	—	0	12.0	26	0	7	-2	82	+19	4	6	Cu	2	0	28	6
149	BAHARÎYA	1018.0	NNW	4	23.0	39	0	9	1020.4	—	NNE	2	13.5	24	—	9	—	83	—	0	9	—	1	0	26	—
151	KHÂRGA	1014.7	N	5	26.2	67	0	9	1018.0	+2.5	N	5	16.3	27	-2	12	+1	70	+20	0	9	—	0	0	0	0
152	DÂKHLA	1016.3	NNW	5	24.8	50	0	8	1018.7	+2.7	NNW	1	17.8	26	-4	13	+3	53	+12	0	8	—	0	0	dr	—
145	RED SEA: TÔR								1014.4	-0.3	NW	5	19.0	23	-2	17	+4	63	0	0	6	—	0	0	13	13
146	HURGHÂDA								1015.5	+0.9	NNW	5	19.5	25	-1	14	+1	56	+6	0	7	—	0	0	dr	0
147	QUSEIR								1014.0	+0.1	NNW	3	22.7	27	+1	19	+2	51	+9	0	7	—	0	0	1	7
169	PORT SUDAN	1008.4	NE	4	27.7	—	0	—	1011.4	-1.1	N	1	25.0	30	+1	20	0	73	+8	0	—	—	0	0	42	106
165	NORTH SUDAN: WÂDI HALFA	1012.3	N	3	30	—	0	8	1016.0	+1.4	NNW	4	16.9	32	0	14	+1	47	+15	0	8	—	0	—	—	—
166	KAREIMA	1008.4	NNE	3	34	—	0	8	1011.3	-1.4	NE	4	23.5	35	-1	19	+2	14	-8	0	7	—	0	0	dr	1
167	'ATBARA	1005.1	N	2	35.3	—	0	—																		
168	KHARTÛM	1004.3	NNW	2	37	—	0	8	1009.0	-1.0	NNE	3	23.8	38	0	19	0	26	+8	0	8	Ci, Ac	1	0	4	5
170	KASSALA	1000.7	S	2	39	—	1	9	1006.2	-2.8	NNE	2	27.1	39	+1	20	+1	63	+18	2	8	Ci, Ac	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI	1006.3	N	3	36.8	—	0	—	1009.3	-0.2	N	3	26.0	38	-1	20	+1	21	0	0	—	—	0	0	56	13
173	DUEIM	1004.6	W	3	36.8	—	0	—	1009.4	-0.6	NW	4	26.2	38	0	20	+2	19	+1	0	—	—	0	0	21	12
182	RENK									—					—		—		—							
172	ROSEIRES	1003.1	NNW	3	39.7	—	0	—	1007.4	-1.1	WNW	2	25.9	40	0	18	-2	27	0	0	—	—	0	0	3	40
174	EL OBEID	1004.8	NNW	2	35	—	1	8	1004.9	-1.5	NNW	3	23.0	36	0	19	+3	18	-4	1	8	Ci, Ac	1	0	23	20
175	EL FÂSHER	—	ESE	2	34.9	—	0	—	—	—	NW	2	20.0	36	0	13	-2	36	+14	0	—	—	0	0	0	8
176	S. SUDAN: MALAKÂL	—	NNE	3	39	—	1	8	—	—	NE	3	28.6	40	+1	22	0	16?	-12	2	8	Cs, Ac	2	0	81	98
177	WÂU	1006.6	NE	3	39.7	—	2	—	1011.1	+2.3	N	3	25.0	39	+1	22	+1	54	+4	1	—	—	2	0	201	168
178	JÛBA	1000.7	NW	4	40	—	4	8	1007.1	-2.7	SE	3	29.0	41	+4	25	+3	58	-8	4	7	Sc	1	0	171	167
179	Geneina	—	NE	4	31	—	2	8	—	—	NE	3	19.0	35	—	14	—	38	—	1	8	Ci	0	0	—	—
180	Gallabat	—	N	2	38.0	—	0	—	—	—	NNW	3	26.8	38	—	19	—	50	—	0	—	—	0	0	—	—

Upper Wind Observations on 19th — ارصاد الرياح العليا يوم ١٩

Height metres above M.S.L.	Dikheila 07h.15m. Dir. E.of N.	Dikheila Kms per hour	H. Halfa 06h.00m. Dir.	H. Halfa Kms	Kareima 06h.00m. Dir.	Kareima Kms	Khartum 06h.00m. Dir.	Khartum Kms	Kassala 07h.00m. Dir.	Kassala Kms	Geneina 07h.00m. Dir.	Geneina Kms	El Obeid 06h.00m. Dir.	El Obeid Kms	Malakal 06h.00m. Dir.	Malakal Kms	Juba 06h.00m. Dir.	Juba Kms	Ismailia 07h.00m. R.A.F. Dir.	Ismailia Kms	Abukir 07h.00m. R.A.F. Dir.	Abukir Kms	Ramleh 07h.00m. R.A.F. Dir.	Ramleh Kms	Salum 18th 13h.00m. Dir.	Salum Kms	h. m. Dir.	Kms	h. m. Dir.	Kms
200	350	21	0	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340	14	350	31	250	10	10	30				
500	350	21	30	31	30	63	10	61	40	5	—	—	—	—	10	55	—	—	350	18	350	27	320	10	—	—				
1000	10	38	30	26	40	66	20	63	110	5	0	72	10	61	20	58	230	24	0	18	0	24	290	10	320	20				
1500			40	21	40	74	10	24	40	16	60	76	20	50	20	58	220	35					340	31	340	42				
2000					60	31	330	18	70	5	70	43	0	21	40	29	220	26												
3000							290	18	240	32	270	37	40	8	30	19	290	19												
4000											250	45					330	21												
5000																														
6000																														

Forecast for 24 hours from noon on ...

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 18th	Diff. from normal	Wet Bulb Temp. °C on 18th	Diff. from normal
Alexandria	73	+8	13.7	+0.7
Ezbekiya	65	+9	14.0	+0.7
Gîza	74	+16	13.6	+0.4
Helwân	58	+12	12.3	+1.1

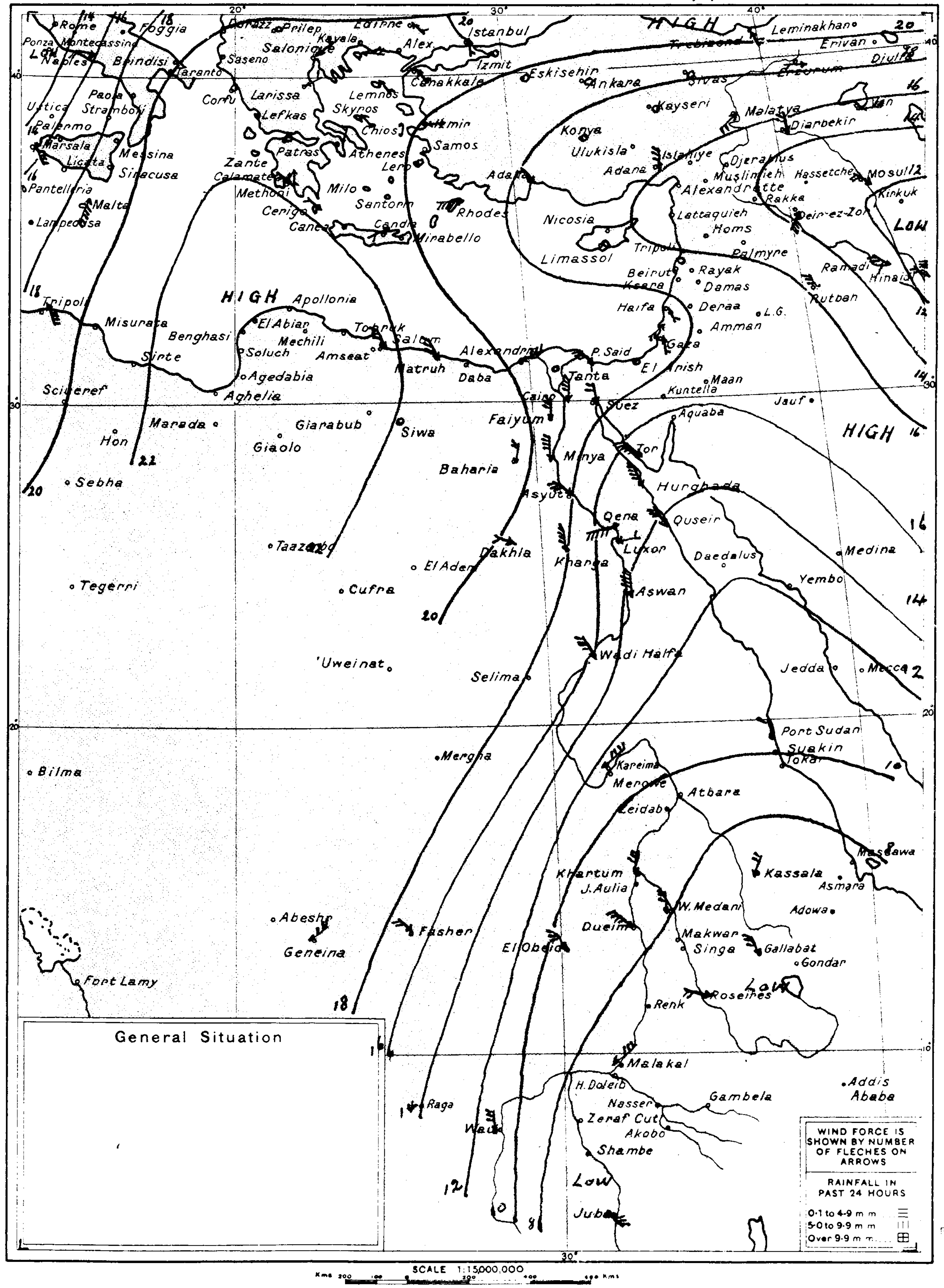
Gîza Grass minimum on 19th 6.4 °C

Discharges at Aswân measured by sluices m^3 per sec.

DATE	1937	1936
19.3	869	937
18.3	870	937

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba *	19.3	13.12	-0.14	13.12	-0.14
Nâsser	19.3	4.83	-0.18	4.84	-0.18
Malakâl	19.3	10.06	-0.10	10.07	-0.10
Roseires	19.3	11.70	+0.33	11.71	+0.33
Sennâr Res.	19.3	18.82	—	18.91	—
Khartûm	19.3	10.23	+0.04	10.23	+0.04
Kh. el Girba					
'Atbara	19.3	9.92	-0.11	9.94	-0.10
Kajnarti	19.3	136.88	-0.35	131.88	-0.37
Wâdi Halfa					
Aswân Res.	19.3	118.55	—	118.62	—
D. S.	19.3	85.56	-0.16	85.56	-0.18
El Leisi	19.3	17.48	+0.29	17.48	+0.28
Rôda (Cairo)	19.3	15.70	+0.13	16.70	+0.13

Pressure and Wind at 8h. 19-3-1937 ١٩-٣-١٩٣٧



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 18-3-1937 — الساعة ٨ يوم ١٨-٣-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm. °C	Min. To day °C	Min. Diff from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1013	-1	SE	1	16	—	—	—	—	—	—	0	—	—	—	0	—	403	لماسول
Haifa	1017.4	+3.8	WSW	2	18.3	24	+2	13	+3	65	+3	0	—	—	—	0	345	616	حيفا
Gaza	1017.8	+3.3	—	0	16.1	23	+1	12	+2	70	+1	3	4	—	2	0	360	355	غزة

Remarks

*Juba River gauge reading for 11-2-37 published on 11-13/2/37 should read 13.21 instead of 13.20m.

ANNUAL SUBSCRIPTION

Inland Post ... P.T. 100

Abroad ... P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise h. 05 m. 58
sunset h. 18 m. 06

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

DAILY WEATHER REPORT

Month March 1937 ١٩٣٧ شهر هاتور

At 14h. on 19th — الساعة ١٤ يوم ١٩

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
130	SALÛM	1022.2	NNE	4	16.8	81	0	7
131	MATRÛH	1020.3	NNW	3	17.2	82	0	6
150	DIKHEILA	1020.5	NNW	2	18.0	84	2	8
132	ALEXANDRIA	1019.5	NNE	4	19.6	70	4	9
159	DAMIETTA							
134	PORT SAÏD	1019.0	NNW	3	22.5	52	0	7
135	EL 'ARÎSH	1017.6	NNW	3	19.0	63	0	7
	LOWER EGYPT							
136	DAMANHÛR	1019.2	NNE	3	22.5	52	0	8
137	MANSÛRA							
138	TANTA							
139	ZAGÂZÎG							
	MIDDLE EGYPT (CAIRO)							
141	ALMÂZA	1018.8	NNW	3	23.0	38	0	9
	EZBEKÎYA	1017.6	N	2	23.6	47	0	9
	GÎZA	1017.2	NNW	2	23.1	45	0	6
143	HELWÂN	1017.4	N	4	22.7	35	0	8
144	SUEZ							
	UPPER EGYPT							
153	FAIYÛM	1017.2	N	4	23.4	35	0	8
154	MINYA	1016.8	N	4	24.0	39	0	6
155	ASYÛT	1014.8	NNW	3	25.2	24	0	8
156	QENA	1011.8	WSW	3	30.1	33	0	8
157	LUXOR	1012.2	ENE	2	29.9	26	0	8
158	ASWÂN	1011.0	NNW	3	31.3	18	0	8
	WESTERN DESERT							
148	SÎWA	1021.0	—	0	23.4	45	0	6
149	BAHARÎYA	1017.2	NNE	3	25.2	40	0	9
151	KHÂRGA	1015.9	N	5	25.9	66	0	9
152	DÂKHLA	1016.4	NNW	5	25.2	39	0	9
	RED SEA							
145	TÛR							
146	HURGHÂDA							
147	QUSEIR							
169	PORT SUDAN							
	NORTH SUDAN							
165	WÂDI HALFA	1012.9	NNW	2	29	—	0	8
166	KAREIMA	1008.3	N	3	34	—	0	8
167	'ATBARA	1005.6	NW	2	35.0	—	0	—
168	KHARTÛM	1003.9	N	3	38	—	1	7
170	KASSALA	1001.8	NE	3	36	—	2	8
	CENTRAL SUDAN							
171	WAD MEDANI	1003.1	N	2	35.9	—	3	—
173	DUEIM	1005.3	NW	3	36.4	—	1	—
	RENK							
172	ROSEIRES	1003.9	NNW	2	36.7	—	0	—
174	EL OBEID	1004.7	NE	3	34	—	2	8
175	EL FÂSHER							
	S SUDAN							
176	MALAKÂL	—	NNE	3	39	—	3	8
177	WAU	1006.0	N	3	39.7	—	1	—
178	JUBA							
179	Geneina	—	NE	3	33	—	2	8
180	Gallabat	—	W	3	38.3	—	0	—

At 8h. on Saturday 20th — السبت ٢٠ — الساعة ٨ يوم ٦

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																		
	SALÛM	1021.1	+4.2	SW	2	11.8	18	—	11	—	99	—	8	1	—	4	0	105	—
	MATRÛH	1019.9	+3.7	W	2	18.0	18	-2	11	+1	98	+25	1	6	Sc	1	0	143	150
	DIKHEILA	1021.1	—	SE	1	17.2	19	—	15	—	80	—	0	7	—	0	0	—	—
	ALEXANDRIA	1020.4	+4.8	S	1	16.3	21	-1	14	+1	82	+11	0	8	—	0	0	161	181
	DAMIETTA	1019.6	—	SE	1	18.9	24	—	13	—	74	—	0	—	—	0	0	63	106
	PORT SAÏD	1020.2	+5.9	ENE	3	19.3	23	+2	15	+1	64	-6	0	7	—	0	0	34	67
	EL 'ARÎSH	1019.5	—	SSE	1	17.2	20	—	9	—	70	—	0	7	—	0	—	—	—
	LOWER EGYPT																		
	DAMANHÛR	1020.6	+4.8	NE	1	16.5	23	-2	10	+1	77	-1	1	6	Cc	1	0	68	100
	MANSÛRA	1020.0	—	NE	1	14.5	25	+1	10	+1	71	+15	0	7	—	0	0	27	47
	TANTA	1020.3	+3.4	—	0	13.3	24	-1	7	-3	95	+20	0	7	—	0	0	33	37
	ZAGÂZÎG	1020.2	—	ENE	1	15.9	23	-2	8	-1	82	+7	—	7	—	0	0	12	24
	MIDDLE EGYPT (CAIRO)																		
	ALMÂZA	1019.2	—	NE	3	15.6	23	—	7	—	75	—	0	7	—	4	0	—	—
	EZBEKÎYA	1019.2	+3.8	—	0	12.1	25	0	9	-2	90	+20	0	5	—	4	0	9	27
	GÎZA	1019.4	+3.2	N	1	11.6	24	0	7	-1	98	+25	2	4	Sc	2	0	12	23
	HELWÂN	1018.7	+2.8	NE	3	15.8	24	0	9	-3	58	+5	0	7	—	0	0	14	28
	SUEZ	1019.0	+3.4	N	3	14.8	24	0	12	-1	60	+14	0	—	—	—	0	12	22
	UPPER EGYPT																		
	FAIYÛM	1018.0	+1.6	NNE	4	16.0	25	-1	11	+1	64	+1	0	8	—	0	0	6	10
	MINYA	1017.2	+0.9	N	3	14.7	25	-1	11	+1	75	+6	0	8	—	0	0	16	—
	ASYÛT	1016.2	+0.3	WSW	2	14.0	28	+1	10	-1.0	69	+12	0	8	—	0	0	0	5
	QENA	1014.8	+0.2	WNW	2	17.3	31	-1	13	0	37	-12	0	7	—	0	0	tr	—
	LUXOR	1014.2	—	ESE	1	18.2	32	—	11	—	55	—	0	8	—	0	0	tr	—
	ASWÂN	1013.4	-1.4	N	2	18.9	33	+2	14	-1	46	+12	0	8	—	0	0	1	—
	WESTERN DESERT																		
	SÎWA	1019.5	+3.2	—	0	13.2	27	+1	6	-3	51	-11	0	6	—	0	0	28	6
	BAHARÎYA	1019.1	—	NNE	2	14.0	26	—	11	—	80	—	0	9	—	0	0	26	—
	KHÂRGA	1015.8	+0.3	N	4	18.4	27	-3	14	+2	79	+29	0	9	—	0	0	0	0
	DÂKHLA	1016.4	+0.5	NNE	1	17.4	25	-5	12	+2	64	+23	0	7	—	0	0	tr	—
	RED SEA																		
	TÛR	1015.8	+1.2	NW	1	17.4	22	-3	11	-2	67	+4	0	6	—	0	0	13	13
	HURGHÂDA	1015.4	+0.8	NNW	5	20.4	25	-1	14	+1	55	+5	0	7	—	0	0	tr	0
	QUSEIR	1013.4	-0.4	NW	4	22.9	27	+1	18	+1	53	+11	0	7	—	0	0	1	7
	PORT SUDAN	1012.4	-0.1	N	2	26.0	28	-1	20	0	55	-10	1	—	—	0	0	42	106
	NORTH SUDAN																		
	WÂDI HALFA	1014.8	+0.3	NW	2	16.4	31	-1	13	0	50	+18	0	8	—	0	—	—	—
	KAREIMA	1010.9	-1.7	NE	4	23.3	35	-1	19	+2	24	+2	0	8	—	0	0	tr	1
	'ATBARA																		
	KHARTÛM	1008.3	-1.6	NE	4	25.0	39	+1	19	0	16	-2	3	6	Cs	1	0	4	5
	KASSALA	1006.2	-2.7	NE	3	26.7	37	-1	21	+1	63	+18	2	8	Cu	1	0	tr	11
	CENTRAL SUDAN																		
	WAD MEDANI	1007.1	-2.3	N	3	25.4	37	-2	20	+1	21	0	3	—	—	1	0	56	13
	DUEIM	1008.7	-1.3	NW	4	25.0	37	-1	21	+3	18	0	0	—	—	1	0	21	12
	RENK																		
	ROSEIRES	1007.2	-1.3	NW	2	24.4	41	+1	19	-1	38	+11	2	—	—	2	0	3	40
	EL OBEID	1010.0	-1.3	NE	3	22.3	36	0	19	+3	27	+5	3	8	Ci	1	0	23	20
	EL FÂSHER	—	—	NW	1	18.0	36	0	13	-2	36	+14	0	—	—	0	0	0	8
	S SUDAN																		
	MALAKÂL	—	—	NE	4	22.8	40	+1	19	-3	19	-9	4	8	Ci,Sc	2	0	81	99
	WAU	1010.8	+2.0	NNW	3	26.0	40	+2	21	0	36	-15	1	—	—	1	0	201	169
	JUBA	1005.7	+4.1	NE	3	29.9	33	-4	26	+4	47	-19	3	9	Cu,Sc	1	tr	171	168
	Geneina	—	—	NE	4	17.8	35	—	17	—	28	—	3	7	Cs	0	0	—	—
	Gallabat	—	—	N	3	26.8	39	—	21	—	54	—	0	—	—	3	0	—	—

Upper Wind Observations on 20th — ارصاد الرياح العليا يوم ٢٠

Height metres above M.S.L.	Matruh 07h 00m Dir. E of N	Matruh Kms per hour	Dikheila 07h 15m Dir. E of N	Dikheila Kms per hour	Almaza 07h 30m Dir. E of N	Almaza Kms per hour	Cairo 08h 30m Dir. E of N	Cairo Kms per hour	Helwan 09h 00m Dir. E of N	Helwan Kms per hour	Asyut 07h Dir. E of N	Asyut Kms per hour	Aswan 07h 00m Dir. E of N	Aswan Kms per hour	W. Halfa 06h 00m Dir. E of N	W. Halfa Kms per hour	Kareima 06h 00m Dir. E of N	Kareima Kms per hour	Khartum 06h 00m Dir. E of N	Khartum Kms per hour	Kassala 06h 00m Dir. E of N	Kassala Kms per hour	El Obeid 06h 00m Dir. E of N	El Obeid Kms per hour	Malakal 06h 00m Dir. E of N	Malakal Kms per hour	Jafo 06h 00m Dir. E of N	Jafo Kms per hour	Geneina 07h 00m Dir. E of N	Geneina Kms per hour
200	10	7	70	12	60	20	60	40	50	21	—	—	—	—	0	26	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	60	18	60	22	60	39	60	45	60	33	40	22	50	34	30	34	30	60	20	50	50	11	—	—	30	40	—	—	—	—
1000	50	56	40	22	50	53	60	48	60	56	110	20	70	42	30	27	30	56	20	58	90	11	20	56	10	35	80	13	0	69
1500	60	24	50	34	60	52			70	56	90	26			40	8	40	40	20	27	20	21	30	55	20	53	310	2	70	69
2000			40	32	90	48					50	39			170	13	60	11	180	8	120	3	100	14	0	35	230	10		
3000			60	27											0	13	270	2	270	43	240	31	250	11	110	6	290	18		
4000																			260	31	270	50	320	16			310	31		
5000																											300	43		
6000																											300	23		

Forecast for 24 hours from noon on 20th

On the coast light to moderate winds chiefly northeast, becoming southerly later.

Inland moderate to fresh northeast winds. Clear or occasional high cloud. Becoming somewhat warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٠

رياح خفيفة الى معتدلة أغلبها شمالية شرقية تتحول الى الجنوبية على الساحل
ورياح معتدلة الى شديدة غالبا شمالية شرقية في الداخل
السماء صحو أو تظهر بها بعض السحب العالية أحيانا
ويكون الطقس أدفأ قليلا

STATION	Mean of day: Humidity % on 19th	Humidity Diff. from normal	Wet Bulb Temp. °C on 19th	Wet Bulb Temp. Diff. from normal
Alexandria	80	+15	15.1	+2.0
Ezbekiya	70	+14	14.8	+1.4
Gîza	68	+10	14.8	+1.5
Helwân	55	+9	13.5	+2.2

Gîza Grass minimum on 20th 4.0 °C

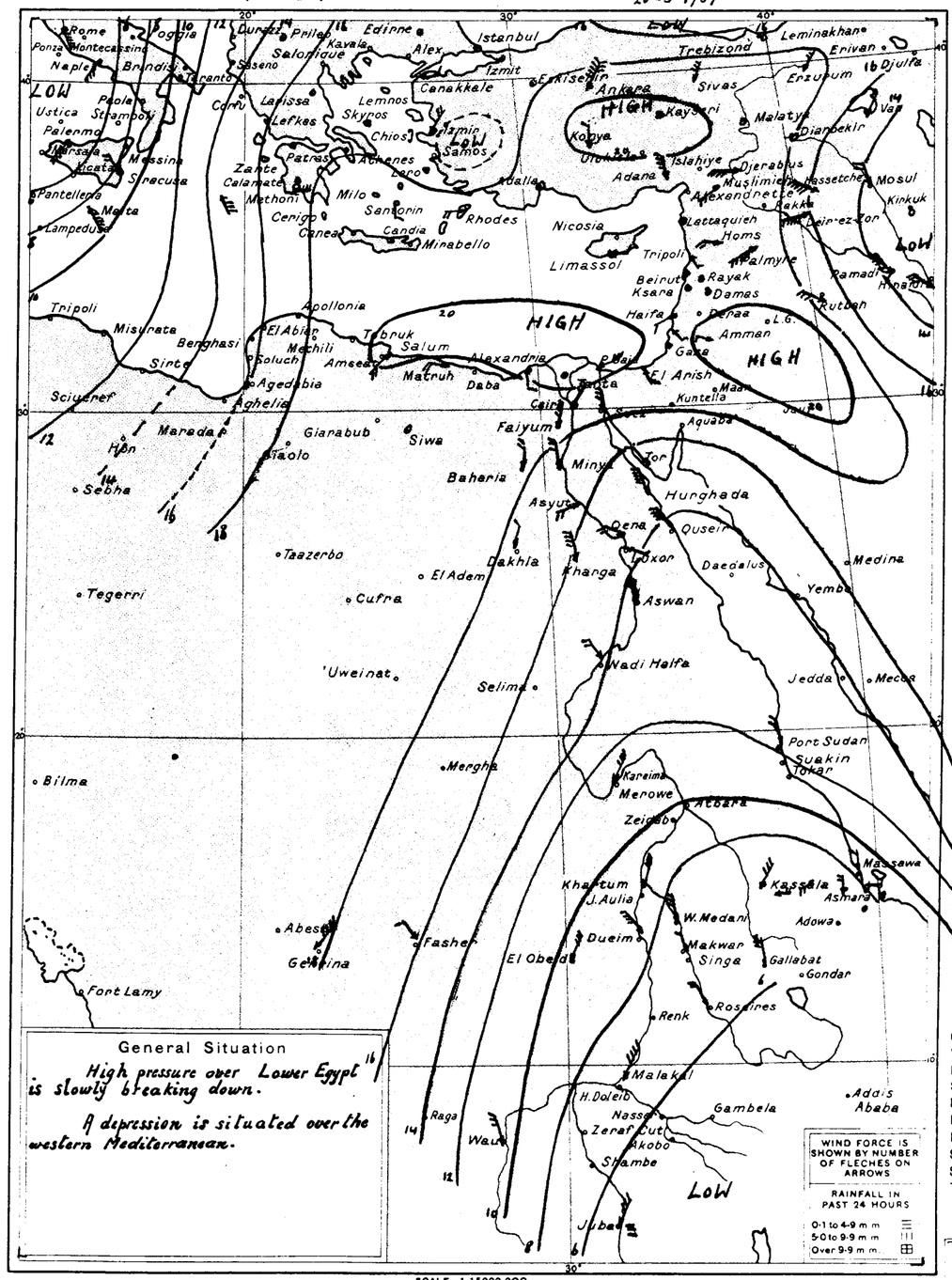
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
20.3	869	938
19.3	869	937

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	19.3	13.12	-0.14	13.12	-0.14
Nâsser	19.3	4.83	-0.18	4.87	-0.18
Malakâl	20.3	10.05	-0.10	10.06	-0.10
Roseires	20.3	11.69	+0.32	11.70	+0.33
Sennâr Res.	19.3	18.82	—	18.71	—
Khartûm	19.3	10.23	+0.04	10.23	+0.04
Kh. el Girba					
'Atbara	19.3	9.92	-0.11	9.94	-0.10
Kajnarti	20.3	131.72	-0.38	131.88	-0.35
Wâdi Halfa					
Aswân Res.					
" D. S.	20.3	118.50	—	118.56	—
	20.3	85.56	-0.15	85.56	-0.15
El Leisi	20.3	17.48	+0.30	17.48	+0.29
Rôda (Cairo)	20.3	15.70	+0.14	15.70	+0.13

Printed by the Survey of Egypt, 1936. (36/530)

Pressure and Wind at 8 h. 20-3-1937



STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1016	+2	—	0	15	—	—	—	—	—	—	0	—	—	—	0	—	404	ليماسول
Haifa	1018.0	+4.4	SSE	1	18.3	21	-1	12	+2	61	-1	0	—	—	—	0	345	617	حيفا
Jafa	1018.7	+4.3	S	1	17.2	19	-3	10	0	77	+8	0	9	—	0	0	360	356	يافا
Ships	73369	—	19206	—	14300	—	15861	—	31093	—	400	27	—	6810x					سفن

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION

Inland Post	P.T 100
Abroad	P.T 150

CAIRO
Time of sunrise h. 05 m. 57
sunset h. 18 m. 07

Month March 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	Region	STATION	At 14h. on 20th (الساعة ١٤ يوم) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 21st (الساعة ٨ يوم الاحد ٢١) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1019.6	SW	1	23.0	49	0	8	1015.9	-1.0	S	3	18.5	24	—	12	—	42	—	3	6	Cu	1	0	105	—
131	Mediterranean	MATRÛH	1018.8	NNE	2	18.6	74	0	6	1016.0	-0.2	ESE	2	13.1	19	-1	10	-1	89	+16	3	6	Sc	2	0	143	151
150	Mediterranean	DIKHEILA								1016.7	—	E	1	16.3	21	—	10	—	90	—	8	4	Ci	4	0	—	—
132	Mediterranean	ALEXANDRIA	1018.7	NE	4	20.3	73	0	9	1016.2	+0.6	E	2	17.2	23	+1	14	+1	84	+13	0	8	Cc	0	0	161	182
159	Mediterranean	DAMIETTA								1015.8	—	NE	2	20.0	24		15		72		0	—	—	0	0	63	107
134	Mediterranean	PORT SAÏD								1016.6	+1.8	NE	3	20.1	23	+2	16	+2	72	+2	0	7	—	0	0	34	69
135	Mediterranean	EL 'ARÎSH	1018.2	NNE	3	19.2	64	0	7	1015.9	—	ESE	1	15.5	21	—	11	—	88	—	0	7	—	2	0	—	—
136	Lower Egypt	DAMANHÛR	1018.6	NE	4	25.8	31	0	7	1016.4	+0.6	NE	2	16.2	27	+2	9	0	79	+2	0	5	—	4	0	68	100
7	Lower Egypt	MANSÛRA								1015.1	—	NE	2	16.9	27	+2	12	+3	81	+5	0	7	—	0	0	27	47
8	Lower Egypt	TANTA								1016.2	-0.6	NE	2	15.0	27	+2	7	-3	94	+20	0	7	—	0	0	33	37
9	Lower Egypt	ZAGÂZÎG								1015.8	—	NNE	2	17.2	25	0	9	0	86	+11	—	7	Cs	—	0	12	24
1	Middle Egypt, Cairo	ALMÂZA	1017.0	E	4	26.6	27	0	9	1015.5	—	NNE	1	13.0	27	—	6	—	78	—	0	8	—	4	0	—	—
	Middle Egypt, Cairo	EZBEKÎYA	1016.0	NNE	4	27.4	22	0	8	1014.8	-0.5	NE	3	11.2	28	+3	10	-1	92	+22	0	5	—	0	0	9	27
	Middle Egypt, Cairo	GÎZA	1015.6	N	2	27.0	23	0	7	1014.7	-1.4	NNE	1	13.1	28	+4	9	+1	90	+17	0	5	—	0	0	12	24
143	Middle Egypt	HELWÂN	1015.1	NE	7	27.0	11	0	7	1014.7	-1.1	NW	2	12.0	28	+3	10	-2	75	+12	0	4	—	0	0	14	28
144	Middle Egypt	SUEZ								1015.1	-0.5	NW	2	18.0	30	+6	13	0	62	-12	0	—	—	—	0	12	22
153	Upper Egypt	FAIYÛM	1015.0	NNE	4	28.9	17	0	8	1015.1	-1.2	ENE	1	14.9	30	+4	8	-2	63	0	0	8	—	0	0	6	10
154	Upper Egypt	MINYA	1015.5	N	3	27.3	33	0	9	1015.0	-1.2	NNW	1	16.7	29	+3	10	-1	65	-4	0	7	—	0	0	16	—
155	Upper Egypt	ASYÛT	1013.8	WSW	3	29.0	23	0	8	1014.4	-1.4	WNW	2	17.2	31	+3	11	0	48	-9	0	8	—	0	0	0	5
156	Upper Egypt	QENA	1011.9	WSW	3	32.0	25	0	8	1013.6	-0.9	NNW	1	21.2	33	+1	14	+1	40	-9	0	7	—	0	0	dr	—
157	Upper Egypt	LUXOR	1011.9	NNW	2	32.6	26	0	8	1013.5	—	NNE	1	21.0	35	—	12	—	47	—	0	8	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1010.3	N	1	32.3	18	0	8	1012.2	-2.5	NNW	1	22.0	34	+2	18	+3	36	+2	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1017.6	—	0	26.5	45	0	6	1016.6	+0.4	—	0	16.1	29	+3	7	-2	58	-4	0	6	—	0	0	28	6
149	Western Desert	BAHARÎYA	1015.1	ENE	3	28.1	28	0	9	1015.5	—	—	0	15.5	29	—	8	—	61	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1013.0	NE	2	28.2	58	0	9	1013.4	-2.0	N	2	19.6	29	-1	13	+1	59	+9	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1013.6	NNW	2	27.3	40	0	8	1015.0	-0.8	—	0	16.1	29	-1	11	+1	48	+7	0	8	—	0	0	dr	—
145	Red Sea	TÔR								1014.8	+0.3	N	2	16.6	24	-1	11	-2	64	+1	0	6	—	0	0	13	13
146	Red Sea	HURGHÂDA								1015.0	+0.5	NNW	4	21.5	25	-1	9	-4	52	+2	0	7	—	0	0	dr	0
147	Red Sea	QUSEIR								1013.9	+0.1	NW	3	24.3	27	+1	18	+1	38	-4	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN	1009.0	NE	3	28.8	—	1	—	1011.0	-1.5	N	2	27.0	31	+2	21	+1	59	-6	1	—	—	0	0	42	106
165	North Sudan	WÂDI HALFA	1011.6	NW	2	30	—	0	7	1013.1	-1.3	NW	2	17.9	31	-2	13	0	36	+4	0	8	—	0	—	—	—
166	North Sudan	KAREIMA	1008.4	NE	3	34	—	0	8	1010.3	-2.2	—	0	23.5	35	-1	18	+1	25	+3	0	8	—	0	0	dr	1
167	North Sudan	'ATBARA	1007.1	N	2	35.3	—	0	—	1009.6	-1.8	NNE	2	24.8	36	0	18	0	40	+23	0	—	—	0	0	5	1
168	North Sudan	KHARTÛM	1010.4	NW	4	38	—	0	7	1009.0	-0.8	—	—	22.8	38	0	18	-1	25	+7	—	8	—	—	0	4	5
170	North Sudan	KASSALA	1001.0	NNE	5	37	—	3	8	1007.1	-1.7	E	1	25.1	37	-2	20	0	61	+16	3	8	Sc	1	dr	dr	11
171	Central Sudan	WAD MEDANI	1006.1	NE	2	37.8	—	2	—	1007.8	-1.5	N	4	28.6	38	-1	21	+2	6	-15	1	—	—	1	0	56	13
173	Central Sudan	DUEIM	1004.9	ENE	3	36.4	—	2	—	—	—	N	3	25.6	38	0	19	+1	22	+4	0	—	—	1	0	21	12
	Central Sudan	RENK														—		—		—							
172	Central Sudan	ROSEIRES	1002.6	NE	2	37.5	—	1	—	1006.2	-2.2	WNW	2	28.4	40	0	20	0	25	-2	1	—	—	1	0	3	40
174	Central Sudan	EL OBEID	1004.3	NW	3	34	—	3	8	1009.6	-1.7	NNW	2	23.1	36	0	18	+2	25	+3	3	8	Cc	1	0	23	20
175	Central Sudan	EL FÂSHER	—	ESE	2	34.1	—	0	—	—	—	WNW	1	18.5	36	0	13	-2	33	+11	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	—	N	4	38	—	3	8	—	—	NNE	3	29.2	39	0	23	+1	21	-8	2	8	CuSc	1	0	81	99
177	S. Sudan	WÂU	1005.8	E	3	39.9	—	1	—	1010.4	+1.6	NW	2	26.3	40	+2	20	-1	38	-13	1	—	—	1	0	201	169
178	S. Sudan	JÛBA	1001.7	ENE	4	38	—	4	8	1006.9	-2.9	SSW	4	28.8	39	+2	25	+3	51	-16	4	8	CuSc	1	1	172	169
179		Geneina	—	SE	2	34	—	3	8	—	—	E	3	18.7	35	—	17	—	16	—	3	8	Cc	0	0	—	—
180		Gallabat	—	W	3	38.0	—	2	—	—	—	—	0	27.3	38	—	20	—	63	—	0	—	—	0	0	—	—

Upper Wind Observations on 21st — ارصاد الرياح العليا يوم ٢١

Dir. E. of N.; Kms per hour

Height metres above M.S.L.	Salum 07h.00m. Dir	Kms	Matruh 07h.00m. Dir	Kms	Almaza 07h.30m. Dir	Kms	Cairo 08h.15m. Dir	Kms	Helwan 08h.30m. Dir	Kms	Asyut 07h.00m. Dir	Kms	Aswan 07h.00m. Dir	Kms	W. Halfa 07h.00m. Dir	Kms	Kareima 06h.00m. Dir	Kms	Khartum 05h.00m. Dir	Kms	Kassala 07h.00m. Dir	Kms	El Obeid 06h.00m. Dir	Kms	Juba 06h.00m. Dir	Kms	Geneina 07h.00m. Dir	Kms	Salum 20th 13h.00m. Dir	Kms
200	200	7	140	19	60	23	50	22	310	1	—	—	—	—	10	13	—	—	—	—	—	—	—	—	—	—	—	—	160	7
500	—	—	150	21	90	25	90	19	140	7	150	22	90	26	30	24	20	43	10	35	—	—	—	—	—	—	—	—	—	—
1000	40	7	170	16	110	16	150	12	150	12	130	8	90	39	30	23	20	35	0	24	—	—	30	58	50	18	60	53	40	7
1500	180	4			120	8	210	10	140	5	110	4	120	24	90	18	70	21	260	5	30	23	40	32	250	5	90	43	70	19
2000	220	18			160	13	160	11	170	13	100	4	120	24	100	16	50	14	220	8	30	8	280	8	230	5	120	18	90	25
3000	200	30			180	14	170	15	160	15					90	11	330	6			220	43	290	56			280	16	160	28
4000									200	14											250	31	250	47						
5000									130	4																				
6000									260	23																				
7000									250	23																				

* Forecast for 24 hours from noon on 21st

On the coast moderate easterly winds becoming fresh southerly.
Inland light to moderate northeast winds veering later to southeast.
Clear at first; high cloud increasing.
Much warmer tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢١
رياح معتدلة شرقية ثم تتحول الى جنوبية وتشتد نوعا على الساحل
ورياح بين الخفيفة والمعتدلة شمالية شرقية ثم تتحول الى
جنوبية شرقية في الداخل
السماء صحو اولا ثم تتكاثر السحاب العالى
ترتفع درجة الحرارة كثيرا باكر.

STATION	Mean of day: Humidity % on 20th	Diff. from normal	Wet bulb temp. °C on 20th	Diff. from normal
Alexandria	81	+16	15.9	+2.8
Ezbekiya	67	+11	13.5	0.0
Gîza	62	+4	13.1	-0.2
Helwân	40	-6	12.2	+0.8

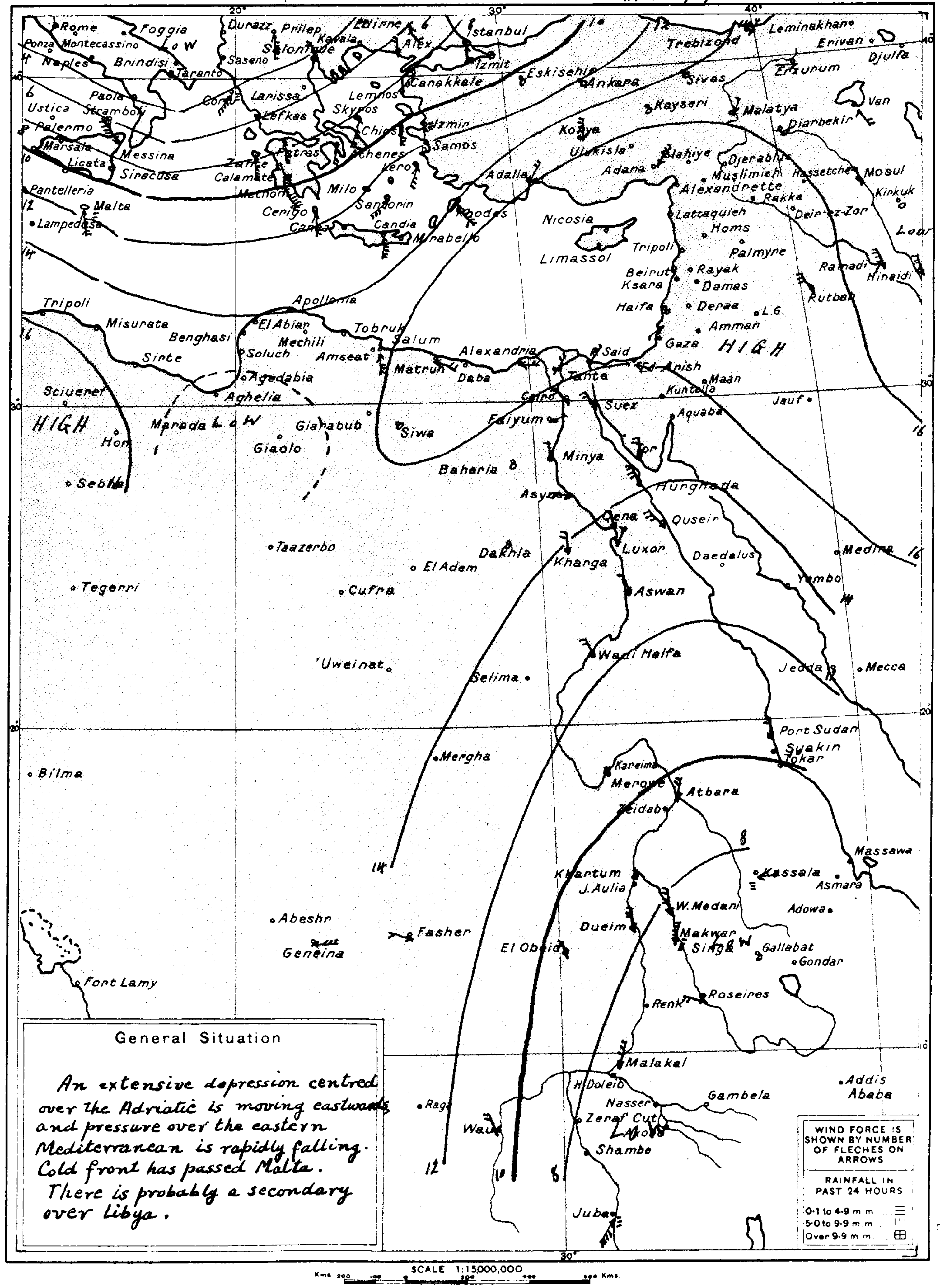
Gîza Grass minimum on 21st 6.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
21.3	812	857
20.3	869	938

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20.3	13.11	-0.15	13.12	-0.14
Nâsser	20.3	4.84	-0.17	4.83	-0.18
Malakâl	21.3	10.04	-0.11	10.05	-0.10
Roseires	21.3	11.66	+0.29	11.67	+0.32
Sennâr Res.	20.3	18.74	—	18.82	—
Khartûm	20.3	10.19	0.00	10.23	+0.04
Kh. el Girba					
'Atbara					
Kajnarti	21.3	9.93	-0.08	9.92	-0.10
Wâdi Halfa	20.3	131.92	-0.28	131.88	-0.35
Aswân Res.	21.3	118.47	—	118.50	—
,, D. S.	21.3	85.46	-0.24	85.56	-0.15
El Leisi	21.3	17.48	+0.32	17.48	+0.30
Rôda (Cairo)	21.3	15.73	+0.13	15.72	+0.14

١٩٣٧-٣-٢١ Pressure and Wind at 8h. 21-3-1937



General Situation

An extensive depression centred over the Adriatic is moving eastwards and pressure over the eastern Mediterranean is rapidly falling. Cold front has passed Malta. There is probably a secondary over Libya.

STATION	At 8h. on 20-3-1937 (الساعة ٨ يوم ٢٠-٣-١٩٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1017	+3	E	1	17	—	—	—	—	—	—	2	—	—	—	0	—	406	ليماسول
Haifa	1019.5	+6.0	WSW	1	16.7	21	-1	12	+2	69	-3	0	—	—	—	0	345	618	حيفا
Gaza	1019.2	+4.8	—	0	15.1	22	0	8	-2	86	+17	0	9	—	0	0	360	356	غزه

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt: 1936. (36/530)

CAIRO

Time of sunrise h. 05 m. 56 — sunset h. 18 m. 08

Month *March* 1937 ١٩٣٧ شهر مارس

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

DAILY WEATHER REPORT ١٩٣٧-٣-٢٢

At 14 h. on *21st* الساعة ١٤ يوم ٢١ — At 8 h. on *Monday 22nd* الساعة ٨ يوم الاثنين ٢٢

No.	STATION	14 h. Barometric Pressure Reduced to M.S.L. m.b.	14 h. Wind Dir.	14 h. Wind Force	14 h. Temperature °C	14 h. Humidity %	14 h. Present weather	14 h. Visibility	8 h. Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall m.m. Past 24 hours	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
MEDITERRANEAN																										
130	SALÛM	1014.3	SW	3	27.7	26	1	8	1017.4	+0.5	N	3	14.8	29	—	13	—	86	—	1	5	Cu	1	0	105	—
131	MATRÛH	1014.4	ENE	3	20.1	70	3	6	1015.8	-0.3	W	2	15.9	23	+2	12	+1	79	+6	0	6	—	0	0	143	151
150	DIKHEILA								1016.3	—	—	0	15.8	20	—	11	—	100	—	8	3	—	4	0	—	—
132	ALEXANDRIA	1014.0	NE	4	22.0	66	4	9	1015.8	+0.3	SW	1	16.2	23	+1	15	+2	96	+26	8	0	—	4	0	161	182
159	DAMIETTA								1015.1	—	NNE	1	20.3	26	—	14	—	82	—	0	—	—	0	0	63	107
134	PORT SAÎD	1014.4	—	—	22.3	69	0	7	1015.5	+1.3	NNE	2	20.9	24	+3	15	+1	78	+9	0	7	—	0	0	34	70
135	EL 'ARÎSH	1013.1	NNE	3	21.0	74	0	7	1015.2	—	—	0	16.9	23	—	10	—	91	—	4	5	Ac	0	0	—	—
LOWER EGYPT																										
136	DAMANHÛR	1013.8	ENE	3	27.8	33	2	8	1015.8	+0.1	NE	1	15.1	30	+5	11	+1	99	+22	8	1	—	4	0	68	101
137	MANSÛRA								1015.1	—	SSW	1	15.6	29	+4	12	+2	93	+17	8	1	—	4	0	27	48
138	TANTA								1015.4	-1.4	—	0	14.4	30	+5	9	-1	99	+25	8	2	—	4	0	33	37
139	ZAGÂZÎG								1016.3	—	SW	2	13.3	29	+4	11	+2	95	+20	—	4	—	—	—	12	24
MIDDLE EGYPT																										
41	CAIRO: ALMÂZA	1013.8	N	2	29.5	32	2	9	1015.6	—	NNW	1	13.4	32	—	9	—	100	—	8	1	—	4	0	—	—
	CAIRO: EZBEKÎYA	1012.3	NNE	1	30.9	28	1	8	1015.5	+0.3	—	0	14.1	32	+7	10	-1	98	+28	8	2	—	4	0	9	27
	CAIRO: GÎZA	1011.8	N	1	31.2	25	1	6	1015.5	-0.5	N	2	13.8	32	+7	12	+4	100	+28	8	2	—	4	0	12	24
143	HELWÂN	1012.3	WSW	1	30.2	24	1	7	1015.9	+0.1	NW	2	13.9	32	+7	12	0	90	+27	8	3	—	4	0	14	28
144	SUEZ								1014.6	-0.9	N	2	16.5	30	+6	13	0	90	+16	0	—	—	—	0	12	22
UPPER EGYPT																										
153	FAIYÛM	1012.7	N	1	29.0	29	1	8	1015.4	-0.8	NNE	3	19.3	32	+6	12	+2	64	+1	0	8	—	0	0	6	10
154	MINYA	1012.0	NNW	1	30.7	34	0	6	1015.4	-0.7	NNW	2	18.8	33	+7	12	+1	64	-5	0	8	—	0	0	16	—
155	ASYÛT	1011.8	N	2	31.0	22	0	8	1014.2	-1.5	N	3	20.2	35	+7	15	+4	54	-3	0	8	—	0	0	0	5
156	QENA	1010.4	N	1	34.3	21	0	8	1013.4	-1.0	ENE	1	23.0	37	+5	15	+2	30	-18	0	8	—	0	0	dr	—
157	LUXOR	1010.7	NNW	1	35.9	25	0	8	1012.8	—	ESE	1	22.7	38	—	13	—	45	—	0	8	—	0	0	dr	—
158	ASWÂN	1008.3	NNW	1	35.5	19	0	8	1011.6	-3.0	N	1	22.9	37	+5	19	+4	33	0	1	8	As	2	0	1	—
WESTERN DESERT																										
148	SÎWA	1014.2	—	0	28.5	39	0	6	1016.4	+0.3	—	0	15.9	31	+5	7	-2	71	+9	0	6	—	0	0	28	6
149	BAHARÎYA	1012.6	N	1	30.5	28	0	9	1015.9	—	N	1	18.8	32	—	11	—	67	—	0	9	—	0	0	26	—
151	KHÂRGA	1010.4	—	0	35.5	41	0	9	1012.8	-2.6	N	1	26.3	36	+6	14	+2	52	+2	0	9	—	0	0	0	0
152	DÂKHLA	1011.2	NNW	2	32.6	35	0	9	1014.2	-1.5	NW	2	20.3	35	+5	13	+2	29	-11	0	8	—	0	0	dr	—
RED SEA																										
145	TÔR								1013.8	-0.7	NW	3	21.0	32	+7	13	0	82	+19	0	6	—	0	0	13	13
146	HURGHADA								1014.0	-0.5	NW	3	23.5	29	+3	13	0	36	-13	0	8	—	0	0	dr	0
147	QUSEIR								1013.1	-0.6	NNW	1	26.9	28	+2	18	+1	32	-10	0	7	—	0	0	1	7
169	PORT SUDAN	1008.0	N	3	29.5	—	0	—	1010.8	-1.6	N	3	27.2	29	0	23	+3	62	-3	1	—	—	0	0	42	106
NORTH SUDAN																										
165	WÂDI HALFA	1009.6	NNW	1	33	—	0	8	1011.9	-2.4	N	1	19.6	35	+2	16	+3	47	+16	0	8	—	0	—	—	—
166	KAREIMA	1007.1	NNW	2	36	—	0	8	1009.2	-3.2	—	0	24.9	37	+1	19	+1	21	-1	0	8	—	0	0	dr	1
167	'ATBARA	1004.6	NNE	2	36.7	—	0	—	—	—	E	3	27.0	37	+1	18	0	28	+11	0	—	—	0	0	5	1
168	KHARTÛM	1003.4	NNE	3	37	—	4	8	1009.0	-0.7	N	2	23.2	39	+1	16	-3	31	+13	0	8	Ci	1	0	4	5
170	KASSALA	1001.1	SSE	1	37	—	3	9	1007.5	-1.2	—	0	25.4	38	-1	17	-3	61	+17	2	8	Ac	1	0	dr	11
CENTRAL SUDAN																										
171	WAD MEDANI	1005.1	NE	3	38.0	—	1	—	1009.3	+0.1	N	3	26.6	39	0	21	+2	12	-9	1	—	—	1	0	56	13
173	DUEIM	1003.8	N	2	37.0	—	0	—	1008.4	-1.4	NW	4	28.0	39	+1	19	+1	16	-2	1	—	—	0	0	21	12
	RENK														—		—		—							
172	ROSEIRES	1003.4	W	3	30.7	—	1	—	1007.2	-1.2	WNW	2	26.7	42	+2	14	-6	32	+5	0	—	—	0	0	3	140
174	EL OBEID	1003.2	NNE	2	36	—	2	8	1009.1	-2.1	NW	2	22.5	37	+1	18	+2	27	+5	3	8	Cc	1	0	23	20
175	EL FÂSHER								—	—	NW	1	19.2	37	+1	14	-2	34	+13	0	—	—	0	0	0	8
S. SUDAN																										
176	MALAKÂL	—	N	2	40	—	3	8	—	—	NNE	4	29.5	40	+1	22	0	18	-11	4	8	Ci;Ac	2	0	81	99
177	WAU	1006.0	NE	3	41.4	—	1	—	1010.7	+1.9	NE	3	24.8	41	+3	20	-1	48	-4	1	—	—	1	0	201	170
178	JÛBA	1000.8	NNE	3	39	—	3	8	1007.3	-2.6	SSW	4	30.0	41	+4	26	+4	53	-15	4	8	Sc	1	0	172	170
179	Geneina								—	—	NE	3	21.3	36	—	15	—	7	—	3	8	Ci	0	0	—	—
180	Gallabat	—	W	3	38.3	—	0	—	—	—	W	3	28.5	39	—	22	—	49	—	0	—	—	0	0	—	—

Upper Wind Observations on *22nd* ارصاد الرياح العليا يوم ٢٢

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E. of N.	Kms per hour	Matruh 07 h. 00 m. Dir.	Kms per hour	Helwan 08 h. 30 m. Dir.	Kms per hour	Asyut 07 h. 00 m. Dir.	Kms per hour	Aswan 07 h. 00 m. Dir.	Kms per hour	W. Halfa 07 h. 00 m. Dir.	Kms per hour	Kareima 06 h. 00 m. Dir.	Kms per hour	Khartum 06 h. 00 m. Dir.	Kms per hour	Kassala 06 h. 00 m. Dir.	Kms per hour	El Obeid 06 h. 00 m. Dir.	Kms per hour	Juba 06 h. 00 m. Dir.	Kms per hour	Geneina 07 h. 00 m. Dir.	Kms per hour	Abukir R.A.F. 07 h. 00 m. Dir.	Kms per hour	Ramleh R.A.F. 07 h. 00 m. Dir.	Kms per hour	Salum 21st 13 h. 00 m. Dir.	Kms per hour
200	0	16	280	17	320	12	—	—	—	—	30	23	—	—	—	—	—	—	—	—	—	—	—	—	60	5	200	16	250	13
500	—	—	270	20	30	30	40	26	20	26	70	21	30	34	10	21	—	—	—	—	—	—	—	—	250	18	250	11	—	—
1000	250	19	270	16	40	3	30	14	100	30	50	34	40	37	0	23	—	—	30	50	90	23	0	53	350	24	0	8	190	16
1500	250	29	300	8	300	16	0	11	100	35	60	23	30	24	350	26	10	6	50	18	30	39	80	50	300	21	250	13	220	5
2000	240	26	290	24	250	9	310	13	110	26	50	18	40	18	330	31	250	14	320	18	0	39	70	27	270	18	270	24	240	22
3000	270	46	310	32	260	18					30	11	60	14	320	35	250	34	290	34	330	21	270	24	290	16	270	21	240	26
4000					250	20															270	21			300	18	270	14		
5000					240	21															320	43					250	23		
6000																														

Forecast for 24 hours from noon on *22nd*

Variable winds becoming moderate northwest to northeast.
Clear or occasional medium cloud.
Cooler; temperature slightly above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٢
رياح مختلفة الاتجاه تتحول معتدلة من الشمال الغربي الى الشمال الشرقي
السماء صحو او يظهر بها بعض السحاب المتوسط احيانا
ميل الطقس للبرودة ودرجة الحرارة فوق المعدل بقليل

STATION	Mean of day: Humidity % on 21st	Diff. from normal	Wet bulb temp. °C on 21st	Diff. from normal
Alexandria	84	+19	16.6	+3.4
Ezbekiya	69	+14	15.5	+1.9
Gîza	67	+10	16.0	+2.6
Helwân	49	+4	14.6	+3.1

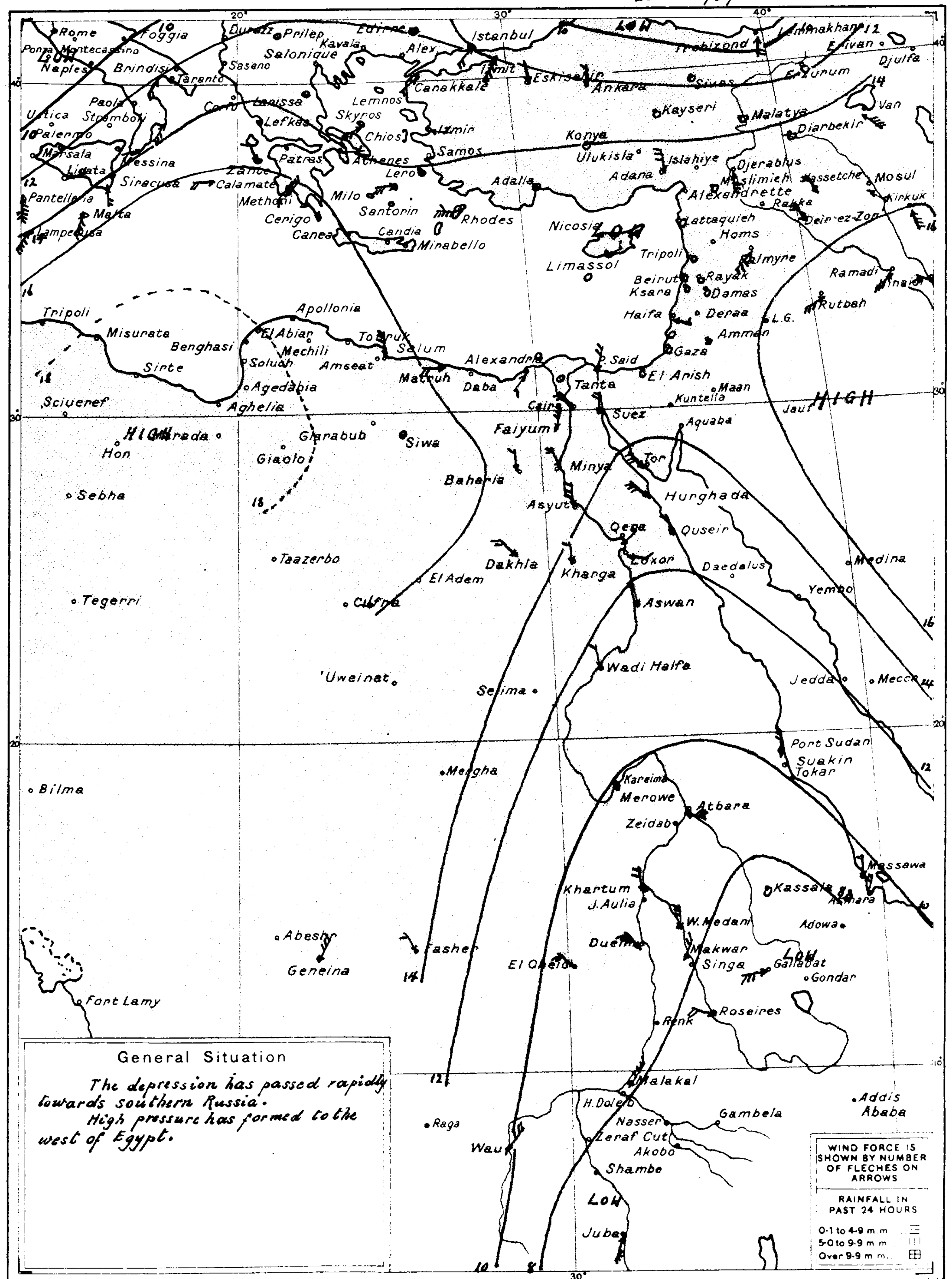
Gîza Grass minimum on *22nd* 8.2 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
22.3	765	860
21.3	812	857

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21.3	13.11	-0.15	13.11	-0.15
Nâsser	21.3	4.82	-0.20	4.84	-0.17
Malakâl	22.3	10.03	-0.11	10.04	-0.11
Roseires	22.3	11.64	+0.27	11.66	+0.29
Sennâr Res.	21.3	18.66	—	18.74	—
Khartûm	21.3	10.16	-0.03	10.19	0.00
Kh. el Girba					
Atbara	22.3	9.94	-0.07	9.93	-0.08
Kajnarti	21.3	131.95	-0.23	131.92	-0.28
Wâdi Halfa					
Aswân Res.	22.3	118.44	—	118.47	—
,, D. S.	22.3	85.37	-0.32	85.46	-0.24
El Leisi	22.3	17.48	+0.33	17.48	+0.32
Rôda (Cairo)	22.3	15.75	+0.20	15.73	+0.17

Pressure and Wind at 8 h. *22-3-1937*



General Situation

The depression has passed rapidly towards southern Russia.
High pressure has formed to the west of Egypt.

At 8 h. on *21-3-1937* الساعة ٨ يوم ٢١-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall Past 24 hours m	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1015	+1	ENE	2	18	—	—	—	—	—	—	0	—	—	—	0	—	407	ليماسول
Haifa	1016.6	+3.1	—	0	20.9	24	+2	13	+2	81	+19	0	—	—	—	0	345	618	حيفا
Gaza	1016.7	+2.4	S	1	14.7	23	+1	8	-2	93	+24	1	8	—	1	0	360	357	غزة
Ships	23364	—	19506	—	25201	—	18961	—	61683	—	43000								سفن
	23321	—	30206	—	00000	—	16864	—	600X0	—	56100								

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise h. 05 m. 55
sunset h. 18 m. 08

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

DAILY WEATHER REPORT

Month March 1937 ١٩٣٧ شهر مارس ١٩٣٧-٣-٢٣ Pressure and Wind at 8 h. 23-3-1937

At 14h. on 22nd ٢٢ الساعة ١٤ يوم

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
130	SALŪM	1018.4	NNE	4	16.6	76	1	6
131	MATRŪH	1016.6	NNW	4	17.9	82	3	6
150	DIKHEILA							
132	ALEXANDRIA	1016.2	NW	3	21.8	74	0	9
139	DAMIETTA							
134	PORT SAÏD	1015.6	NE	3	24.0	66	0	7
135	EL 'ARÎSH	1014.0	N	2	21.6	68	0	6
	LOWER EGYPT							
136	DAMANHŪR	1015.5	NW	3	27.0	34	0	8
137	MANSŪRA							
138	TANTA							
139	ZAGĀZĪG							
	MIDDLE EGYPT							
141	CAIRO: ALMĀZA	1014.8	NNE	2	28.9	26	0	9
	CAIRO: EZBEKĪYA	1013.9	NNE	2	30.0	31	0	8
	CAIRO: GĪZA	1013.8	NNW	2	28.4	36	0	6
143	HELWĀN	1013.5	N	2	29.1	19	0	7
144	SUEZ							
	UPPER EGYPT							
153	FAIYŪM	1014.8	NNE	1	31.0	27	0	8
154	MINYA	1013.1	NNW	2	30.7	33	0	9
155	ASYŪT	1012.3	NNW	2	32.4	18	0	8
156	QENA	1010.7	NNW	1	37.1	20	0	9
157	LUXOR	1010.3	—	0	36.4	34	0	8
158	ASWĀN	1007.6	NNE	1	38.8	18	0	8
	WESTERN DESERT							
148	SĪWA	1015.8	—	0	30.0	41	0	6
149	BAHARĪYA	1014.0	SE	1	32.3	30	0	9
151	KHĀRGA	1010.6	N	1	36.4	46	0	9
152	DĀKHLA	1011.4	NNW	1	35.9	—	0	9
	RED SEA							
145	TŌR							
146	HURGHĀDA							
147	QUSEIR							
169	PORT SUDAN	1007.9	N	3	28.7	—	3	—
	NORTH SUDAN							
165	WĀDI HALFA	1009.9	NNW	1	35	—	1	8
166	KAREIMA	1007.2	NNE	2	37	—	0	8
167	'ATBARA							
168	KHARTŪM	1004.1	NNW	4	39	—	2	8
170	KASSALA	1002.3	S	4	39	—	2	8
	CENTRAL SUDAN							
171	WAD MEDANI	1005.6	NW	4	38.2	—	1	—
173	DUEIM	1003.8	NW	4	38.8	—	1	—
	RENK							
172	ROSEIRES	1002.7	NW	3	40.7	—	0	—
174	EL OBEID	1003.3	NNW	3	37	—	4	8
175	EL FĀSHER							
	S. SUDAN							
176	MALAKĀL	—	E	3	41	—	4	8
177	WĀU	1004.2	E	2	38.9	—	0	—
178	JŪBA	1001.2	NE	4	39	—	4	8
179		—	NW	2	35	—	2	8
180		—	N	3	38.5	—	0	—

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

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																		
130	SALŪM	1018.8	+1.9	SE	2	13.9	21	—	12	—	90	—	0	6	—	0	0	105	—
131	MATRŪH	1018.2	+2.1	ENE	1	16.9	19	-2	15	+4	79	+6	1	6	Sc	1	0	143	152
150	DIKHEILA																		
132	ALEXANDRIA	1017.0	+1.5	E	1	17.8	23	+1	16	+3	84	+14	2	8	Ac	2	0	161	183
139	DAMIETTA	1017.4	—	N	1	20.0	28	—	13	—	81	—	0	—	—	0	0	63	107
134	PORT SAÏD	1017.5	+3.4	NE	3	19.4	25	+3	15	+1	77	+8	0	7	—	0	0	34	70
135	EL 'ARÎSH	1017.1	—	SE	1	19.0	25	—	12	—	68	—	3	6	Sc	1	0	—	—
	LOWER EGYPT																		
136	DAMANHŪR	1017.5	+1.8	NE	1	17.0	28	+3	12	+2	80	+3	0	5	—	0	0	68	101
137	MANSŪRA	1016.8	—	N	1	16.6	29	+4	10	0	82	+6	0	6	St	4	0	27	48
138	TANTA	1017.1	+0.3	—	0	14.0	29	+4	9	-1	97	+23	0	7	—	0	0	33	37
139	ZAGĀZĪG	1017.6	—	SW	1	13.8	28	+3	9	0	95	+20	—	1	Sc	4	0	12	24
	MIDDLE EGYPT																		
141	CAIRO: ALMĀZA	1016.7	—	NNE	3	15.8	29	—	9	—	79	—	1	7	Sc	4	0	—	—
	CAIRO: EZBEKĪYA	1016.7	+1.5	N	1	13.7	31	+6	10	-1	94	+24	8	3	—	4	0	9	27
	CAIRO: GĪZA	1016.8	+0.9	NNW	2	14.0	30	+5	9	+1	96	+24	2	4	Sc	4	0	12	24
143	HELWĀN	1016.4	+0.7	NNW	2	14.9	30	+5	11	-1	66	+4	0	4	—	0	0	14	28
144	SUEZ	1016.3	+0.8	N	3	17.3	30	+5	14	+1	68	-6	0	—	—	—	0	12	23
	UPPER EGYPT																		
153	FAIYŪM	1016.3	+0.2	N	2	17.3	33	+6	12	+2	73	+10	0	8	—	0	0	6	10
154	MINYA	1015.8	-0.3	NNW	3	16.7	32	+5	12	+1	63	-6	0	8	—	0	0	16	—
155	ASYŪT	1014.7	-0.9	WNW	2	18.0	34	+6	13	+2	62	+6	0	8	—	0	0	0	5
156	QENA	1013.5	-0.8	WNW	1	22.8	38	+5	15	+2	44	-3	2	7	Cu	1	0	dr	—
157	LUXOR	1013.3	—	NNW	1	21.6	37	—	13	—	54	—	0	8	—	0	0	dr	—
158	ASWĀN	1012.3	-2.1	N	1	23.3	40	+8	19	+4	36	+3	0	8	—	0	0	1	—
	WESTERN DESERT																		
148	SĪWA	1018.2	+2.1	—	0	16.0	32	+6	10	+1	72	+10	0	6	—	0	0	28	6
149	BAHARĪYA	1016.8	—	N	1	17.8	32	—	12	—	63	—	0	9	—	0	0	26	—
151	KHĀRGA	1013.8	-1.5	N	3	26.3	37	+7	16	+4	59	+10	0	9	—	0	0	0	0
152	DĀKHLA	—	—	SSE	2	23.3	36	+6	16	+5	27	+16	0	8	—	0	0	dr	—
	RED SEA																		
145	TŌR	1013.1	-1.3	NW	4	21.0	28	+3	15	+2	65	+2	0	6	—	0	0	13	13
146	HURGHĀDA	1013.5	-0.9	NNW	4	23.8	29	+3	16	+3	43	-6	0	8	—	0	0	dr.	0
147	QUSEIR	1012.7	-1.0	NNW	2	27.7	29	+3	20	+2	40	-2	0	7	—	0	0	1	7
169	PORT SUDAN	1010.7	-1.6	N	3	28.0	29	0	24	+4	72	+7	3	—	—	8	dr.	42	107
	NORTH SUDAN																		
165	WĀDI HALFA	1012.0	-2.1	N	1	22.8	37	+4	19	+5	44	+13	2	8	Ci	1	—	—	—
166	KAREIMA	1008.5	-3.8	E	1	26.5	38	+2	20	+2	29	+8	0	8	—	0	0	dr	1
167	'ATBARA	1008.8	-2.4	NNE	3	28.0	38	+2	21	+3	36	+19	0	—	—	0	0	5	1
168	KHARTŪM	1006.9	-2.7	NNE	2	24.7	40	+1	19	0	28	+10	0	8	Ci	1	0	4	5
170	KASSALA	1006.6	-2.1	E	1	26.7	39	0	17	-3	56	+12	0	7	—	0	0	dr.	11
	CENTRAL SUDAN																		
171	WAD MEDANI	1008.8	-0.3	N	3	25.0	39	0	17	-2	13	-7	0	—	—	0	0	56	13
173	DUEIM	1007.8	-2.0	W	3	28.8	40	+1	19	+1	18	0	0	—	—	0	0	21	12
	RENK																		
172	ROSEIRES	1007.0	-1.3	NNW	2	26.8	42	+2	19	-1	28	+1	0	—	—	0	0	3	40
174	EL OBEID	1008.5	-2.6	N	1	25.0	38	+2	18	+2	19	-4	0	8	Ci	1	0	23	20
175	EL FĀSHER	—	—	WNW	1	20.0	39	+3	16	0	32	+11	0	—	—	0	0	0	8
	S. SUDAN																		
176	MALAKĀL	—	—	ENE	1	25.7	41	+2	22	0	17	-13	4	8	Cb	2	0	81	99
177	WĀU	1012.4	+3.6	NW	3	27.8	41	+3	23	+2	61	+8	2	—	—	2	0	201	171
178	JŪBA	1010.7	+0.8	SSW	3	24.0	40	+3	24	+2	91	+23	4	7	Cb	6	2	174	171
179		—	—	E	2	20.3	37	—	17	—	18	—	3	8	Ci	0	0	—	—
180		—	—	W	3	28.0	39	—	21	—	51	—	0	—	—	0	0	—	—

Upper Wind Observations on 23rd ٢٣ ارصاد الرياح العليا يوم

Height metres above M.S.L.	Salum 07h.00m. Dir E of N	Kms per hour	Matruh 07h.00m. Dir E of N	Kms per hour	Almaza 07h.30m. Dir E of N	Kms per hour	Cairo 08h.30m. Dir E of N	Kms per hour	Helwan 08h.45m. Dir E of N	Kms per hour
200	130	13	30	12	50	18	50	22	10	16
500	—	—	20	7	50	27	40	37	50	36
1000	0	16	290	12	30	40	40	34	50	38
1500	300	23			60	16			30	18
2000	290	22			350	15			30	11
3000	230	13			340	19			350	14
4000									330	18
5000										
6000										

Height metres above M.S.L.	Asyut 07h.00m. Dir E of N	Kms per hour	Aswan 07h.00m. Dir E of N	Kms per hour	W. Halfa 06h.00m. Dir E of N	Kms per hour	Kareima 06h.00m. Dir E of N	Kms per hour	Khartum 06h.00m. Dir E of N	Kms per hour	Kassala 07h.00m. Dir E of N	Kms per hour	El Obeid 06h.00m. Dir E of N	Kms per hour	Geneina 07h.00m. Dir E of N	Kms per hour	Juba 06h.00m. Dir E of N	Kms per hour	Salum 13h.00m. Dir E of N	Kms per hour
200	—	—	—	—	40	14	—	—	—	—	—	—	—	—	—	—	—	—	30	26
500	20	23	30	25	60	27	50	23	10	47	110	11	—	—	—	—	—	—	—	—
1000	20	24	110	60	70	31	50	14	20	27	90	8	340	26	60	43	90	3	180	11
1500	0	35	60	33	70	40	30	11	10	31	210	5	350	40	100	31	270	18	220	29
2000			40	21	60	21	30	11	350	23	260	16	290	45	160	11	190	18		
3000			80	21	40	18			320	21	250	50	250	40	210	8	170	26		
4000																				
5000																				
6000																				

Forecast for 24 hours from noon on 23rd

Winds mainly moderate northeast, freshening.
Clear or occasional high cloud.
Temperature remaining above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر ٢٣
رياح شمالية شرقية معتدلة على العموم ثم تشتد نوعا
السماء صحو أو يظهر بها بعض السحاب العالى
تستمر درجة الحرارة فوق المعدل

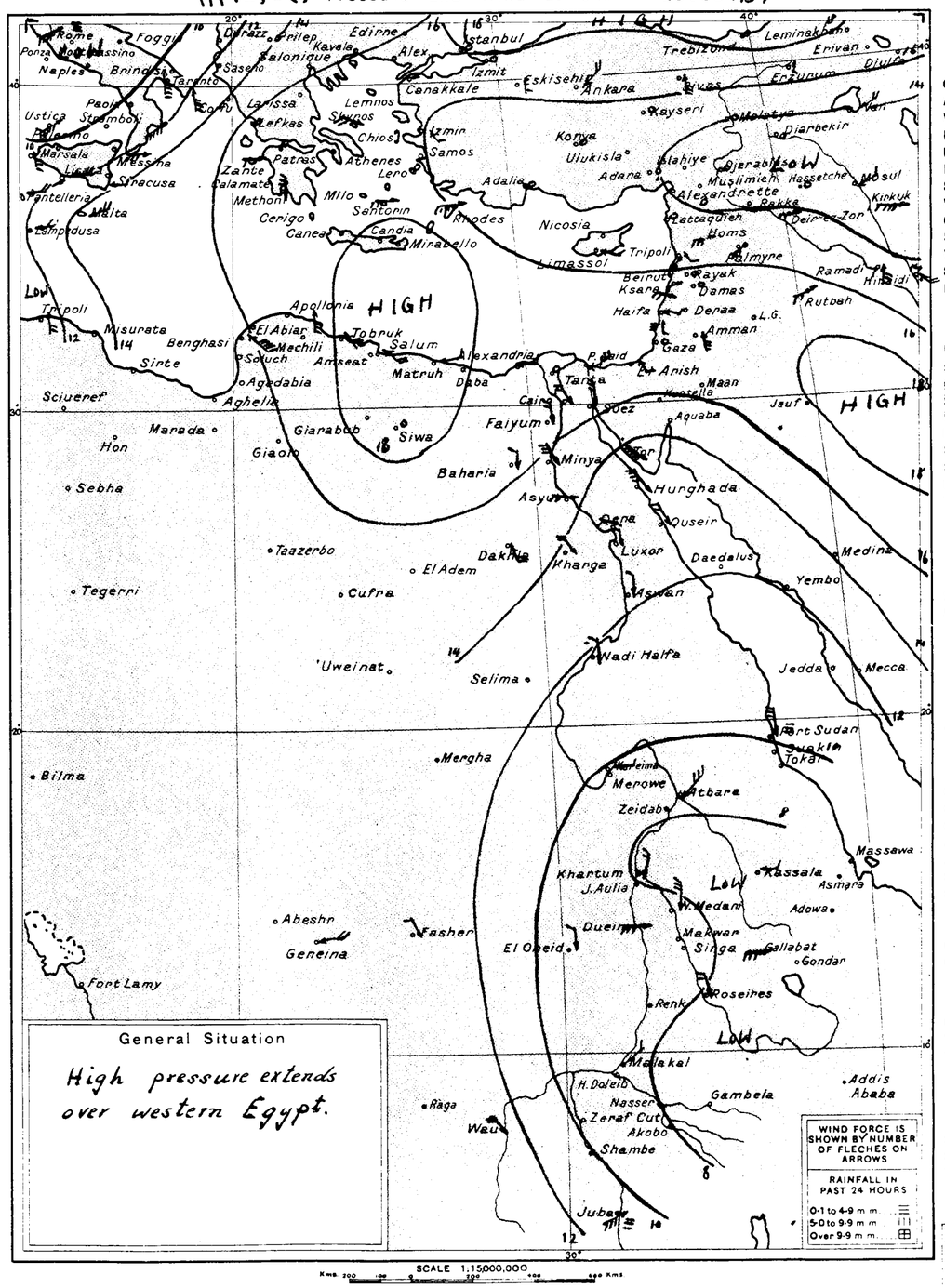
STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet Bulb Temp. °C on 22nd	Diff. from normal
Alexandria	85	+20	16.5	+3.3
Ezbekiya	73	+18	16.4	+2.7
Gīza	69	+12	15.8	+2.3
Helwān	60	+15	14.9	+3.3

Gīza Grass minimum on 23rd 6.1 °C

Discharges at Aswān measured by sluices m.³ per sec

DATE	1937	1936
23-3	765	859
22-3	765	860

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	22-3	13.11	-0.15	13.11	-0.15
Nāsser	22-3	4.81	-0.22	4.82	-0.20
Malakāl	23-3	10.02	-0.12	10.03	-0.11
Roseires	23-3	11.64	+0.27	11.64	+0.27
Sennār Res.	22-3	18.58	—	18.66	—
Khartūm	22-3	10.14	-0.05	10.16	-0.03
Kh. el Girba					
'Atbara	23-3	9.93	-0.07	9.94	-0.07
Kajnarti	23-3	131.93	-0.20	131.96	-0.19
Wādi Halfa					
Aswān Res.	23-3	118.39	—	118.44	—
D. S.	23-3	85.37	-0.31	85.37	-0.32
El Leisi	23-3	17.48	+0.34	17.48	+0.33
Rōda (Cairo)	23-3	15.79	+0.24	15.75	+0.20



STATION	At 8 h. on 22-3-1937 الساعة ٨ يوم ١٩٣٧-٣-٢٢ Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1013	-1	ENE	1	17	—	—	—	—	—	—	0	—	—	—	0	—	408	ليماسول
Haifa	1014.2	+0.8	ESE	1	21.2	30	+7	15	+4	47	-15	0	—	—	—	0	345	619	حيفا
Gaza	1015.4	+1.1	—	0	15.6	25	+3	10	0	88	+19	8	5	—	4	0	360	358	غزة
Ships	33335	+ 27206	—	00001	—	19960	- 60061	—	53000										سفن
Ships	33322	— 30106	—	30201	—	18861	- 60083	—	X2000										سفن

WIND VELOCITY (K.P.H. Force)

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME.

Remarks

ANNUAL SUBSCRIPTION

Inland Post	P.T. 100
Abroad	P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. m. 05 54
sunset h. m. 18 09

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 23rd الساعة ١٤ يوم ٢٣ — At 8h. on *Wednesday 24th* الساعة ٨ يوم الاربعاء ٢٤

No.	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN SALÛM	1018.2	ENE	2	18.2	71	2	7	1016.7	-0.2	SW	2	17.6	21	—	13	—	58	—	0	6	—	0	0	105	—
131	MATRÛH	1017.4	NNE	2	18.2	73	1	6	1017.2	+1.2	SSE	2	12.9	19	-2	11	0	93	+21	4	5	Cb	2	0	143	152
150	DIKHEILA								1017.9	—	E	1	17.6	19	—	14	—	80	[illegible]	4	7	Sc	2	0	—	—
132	ALEXANDRIA	1017.1	NE	4	21.1	71	0	9	1017.2	+1.8	ESE	1	17.2	23	+1	14	+1	82	+12	4	7	Ac	2	0	161	183
159	DAMIETTA								1016.6	—	NE	3	19.0	25	—	14	—	77	—	0	—	Cc	1	0	63	108
134	PORT SAÎD	1016.8	NE	3	21.6	70	0	7	1017.2	+3.1	NE	3	19.6	22	0	16	+2	73	+4	1	7	Cs	0	0	34	70
135	EL 'ARÎSH	1015.9	NNW	3	20.3	64	0	7	1016.2	—	ESE	1	18.6	22	—	10	—	72	—	2	6	Sc	1	0	—	—
136	LOWER EGYPT DAMANHÛR								1017.2	+1.5	NE	2	18.0	27	+2	12	+2	77	+1	1	6	Ci	0	0	68	101
137	MANSÛRA								1016.3	—	NNE	1	17.5	29	+4	13	+3	81	+6	0	6	Cs	1	0	27	48
138	TANTA								1016.4	-0.3	NE	2	16.5	28	+2	8	-2	95	+21	3	7	Ci	1	0	33	37
139	ZAGÂZÎG								1017.0	—	NNE	2	16.6	27	+2	9	0	85	+10	—	7	Cc	—	0	12	24
141	MIDDLE EGYPT CAIRO ALMÂZA								1016.3	—	ENE	4	17.4	28	—	9	—	75	—	3	8	Ci	1	0	—	—
	EZBEKÎYA	1014.6	NE	2	28.7	30	0	8	1015.8	+0.7	NW	1	15.7	29	+4	11	0	81	+11	3	6	Cs	1	0	9	27
	GÎZA	1014.4	N	2	27.8	28	0	6	1015.9	0.0	NNW	1	15.7	28	+3	9	+1	82	+10	2	5	Cs	2	0	12	24
143	HELWÂN	1014.2	NNE	3	28.5	11	0	8	1015.2	-0.4	—	0	17.6	29	+4	13	+1	48	-14	1	6	Ci	0	0	14	28
144	SUEZ								1016.4	+1.0	N	3	18.0	30	+5	15	+2	53	-21	1	—	—	—	0	12	23
153	UPPER EGYPT FAIYÛM	1014.3	N	4	28.5	20	0	8	1015.5	-0.5	N	3	17.8	30	+3	12	+2	63	+1	1	8	Ci	1	0	6	10
154	MINYA	1013.3	N	4	29.5	32	2	7	1015.1	-0.9	N	3	16.0	30	+3	12	+1	69	+1	0	6	—	1	0	16	—
155	ASYÛT	1012.0	WSW	2	32.4	20	0	8	1014.3	-1.2	WNW	3	17.2	33	+5	12	+1	59	+3	0	8	Cs	1	0	0	5
156	QENA	1010.7	WNW	1	36.0	23	2	9	1012.4	-1.9	WNW	3	21.4	37	+4	16	+3	47	0	3	8	Cu	2	0	dr	—
157	LUXOR	1010.4	NW	1	37.2	32	3	7	1012.2	—	—	0	23.2	38	—	13	—	49	—	2	8	Cu	1	0	dr	—
158	ASWÂN	1008.3	N	1	36.0	20	2	7	1011.5	-2.8	—	0	23.0	38	+6	19	+4	49	+17	0	8	—	0	0	1	—
148	WESTERN DESERT SÎWA	1015.9	—	0	29.0	43	0	6	1015.8	-0.2	—	0	17.4	32	+5	10	+1	65	+3	0	6	—	0	0	28	6
149	BAHARÎYA	1013.6	N	2	30.3	33	0	9	1016.4	—	N	2	18.0	31	—	13	—	71	—	0	9	—	1	0	26	—
151	KHÂRGA	1011.1	N	2	34.4	53	0	9	1013.3	-1.9	—	0	21.6	35	+5	17	+5	67	+18	0	9	—	1	0	0	0
152	DÂKHLA	1012.0	N	2	33.3	8	0	9	1015.6	+0.1	NW	2	22.8	34	+4	14	+3	28	-12	0	8	—	0	0	dr	—
145	RED SEA TÔR								1012.3	-2.0	NW	3	21.0	27	+2	15	+2	65	+2	0	6	—	0	0	13	14
146	HURGHÂDA								1012.0	-2.3	NNW	5	23.6	28	+2	17	+4	46	-3	0	7	—	0	0	dr	0
147	QUSEIR																									
169	PORT SUDAN	1009.5	NE	4	28.9	—	3	—	1010.6	-1.7	NE	4	27.5	30	+1	25	+5	68	+3	2	—	—	0	0	42	107
165	NORTH SUDAN WÂDI HALFA	1009.3	N	2	34	—	2	8	1012.3	-1.7	N	1	22.4	35	+2	19	+5	36	+5	0	8	—	0	—	—	—
166	KAREIMA	1006.0	E	2	38	—	2	8	1008.8	-3.4	NE	1	28.0	39	+2	23	+5	37	+16	0	8	—	0	0	dr	1
167	ATBARA	1003.8	NW	2	37.0	—	1	—	1009.0	-2.1	E	2	28.0	37	0	22	+4	32	+15	0	—	—	0	0	5	1
168	KHARTÛM	1005.0	NW	2	39	—	0	8	1007.4	-2.1	NNE	1	25.3	40	+1	20	+1	34	+16	0	8	Cs	1	0	4	5
170	KASSALA	1001.3	SSW	5	39	—	0	7	1007.1	-1.5	SE	1	26.6	40	+1	18	-2	47	+4	0	8	Ci	0	0	dr	11
171	CENTRAL SUDAN WAD MEDANI	1005.0	NW	4	39.0	—	0	—	1007.4	-1.7	N	3	31.4	40	+1	22	+2	18	-2	0	—	—	0	0	56	13
173	DUEIM	1003.0	W	4	39.4	—	0	—	1007.8	-1.9	W	3	26.2	40	+1	20	+2	31	+13	0	—	—	0	0	21	12
	RENK														—		—		—							
172	ROSEIRES								1006.3	-2.0	WNW	2	29.4	42	+2	19	-1	24	-3	0	—	—	0	0	3	40
174	EL OBEID	1002.8	NE	3	37	—	0	—	1007.3	-3.7	S	1	27.5	39	+3	19	+3	35	+12	1	8	Ci	1	0	23	20
175	EL FÂSHER	—	S	1	38.0	—	0	—	—	—	WSW	1	20.9	40	+4	13	-3	34	+13	0	—	—	0	0	0	8
176	S. SUDAN MALAKÂL	—	NNE	1	—	—	4	8	—	—	—	0	28.9	41	+2	24	+2	47	+17	3	8	Cs,Ac	2	0	81	100
177	WÂU	1002.6	N	4	—	—	0	—	1010.8	+2.1	NW	2	27.0	39	+1	24	+3	63	+9	3	—	—	2	0	201	172
178	JÛBA	1005.3	SSE	2	30	—	4	8	1009.1	-0.8	SSW	5	26.7	34	-3	23	+1	63	-5	4	9	Cs,Sc	1	dr	174	172
179	Geneina	—	SW	3	38	—	3	8	—	—	ENE	3	23.1	38	—	18	—	18	—	1	8	Ci	4	0	—	—
180	Gallabat	—	W	4	38.0	—	0	—	—	—	S	2	28.5	39	—	21	—	58	—	0	—	—	0	0	—	—

Upper Wind Observations on 24th ارصاد الرياح العليا يوم ٢٤

Height metres above M.S.L.	[illegible] Dir. E.of N.	Kms. per hour	Dikheila 07h15m Dir.	Kms.	Almaza 07h30m Dir.	Kms.	Cairo 08h15m Dir.	Kms.	Helwan 08h30m Dir.	Kms.	Asyut 07h00m Dir.	Kms.	Aswan 07h00m Dir.	Kms.	W. Halfa 07h00m Dir.	Kms.	Kareima 06h00m Dir.	Kms.	Khartum 06h00m Dir.	Kms.	Kassala 06h00m Dir.	Kms.	Geneina 07h00m Dir.	Kms.	Juba 06h00m Dir.	Kms.	Ismailia R.A.F. 07h00m Dir.	Kms.	Salum 23rd 13h00m Dir.	Kms.
[illegible]	[illegible]	9	80	18	60	31	60	23	30	11	—	—	—	—	20	14	—	—	—	—	—	—	—	—	—	—	50	32	110	10
[illegible]	[illegible]	—	70	19	60	42	50	39	40	26	350	17	40	19	70	34	80	40	0	16	—	—	—	—	—	—	50	27	—	—
[illegible]	220	12			30	33	70	28	80	30	30	19	30	25	80	47	60	47	20	26	Calm	0	60	39	10	40	40	21	290	11
[illegible]	190	5			80	14	50	11	50	18	20	16	40	31	60	31	350	14	50	18	340	18	100	18	320	32	30	14	280	22
2000	[illegible]	14					40	23	10	10	340	10			40	21	280	6	30	18	310	14	160	8	310	53	90	3	280	12
3000	330	28							10	6					10	14	280	14	300	31	180	24			310	55	350	14	280	19
4000	330	19							310	10											160	8					150	5	280	18
5000									260	16																	130	5	280	19
6000									280	17																				
7000									250	28																				

Forecast for 24 hours from noon on 24th

On the coast moderate easterly winds, becoming fresh southeast to south.
Inland moderate northeast winds, veering to southeast tomorrow. Some high cloud, increasing. Moderate Khamsin conditions. Slightly warmer tomorrow.
Further outlook: Cooler within ~~two~~ days.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٤
رياح معتدلة شرقية على السواحل تشتد قليلا وتتحول الى
جنوبية شرقية ثم جنوبية على السواحل
ورياح معتدلة شمالية شرقية تتحول الى جنوبية
شرقية في الداخل غدا وظهور سحاب عالي
ثم يشتد وتتحول حالة الجو الى خماسين معتدلة ويدفأ قليلا غدا
والمنتظر فيما بعد الى تدخل الموجة الباردة في بحر يومين

STATION	Mean of day Humidity % on 23rd	Diff. from normal	Wet Bulb Temp. °C on 23rd	Diff. from Normal
Alexandria	83	+18	16.8	+3.5
Ezbekiya	64	+14	15.6	+1.8
Gîza	66	+9	15.3	+1.7
Helwân	44	-1	13.4	+1.7

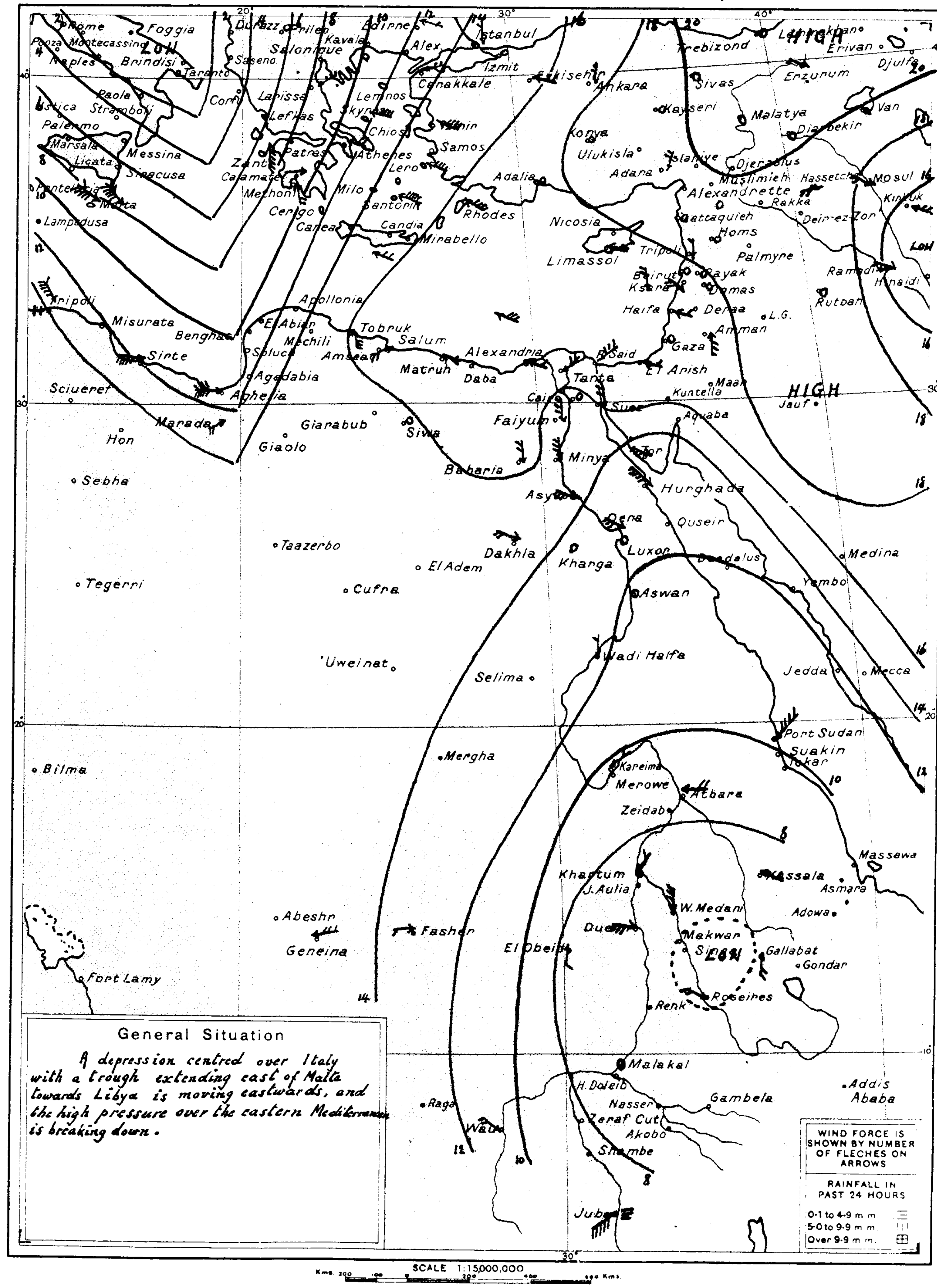
Gîza Grass minimum on 24th 6.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
24.3	812	859
23.3	765	859

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from Normal m.
Jûba	23.3	13.11	-0.15	13.11	-0.15
Nâsser	23.3	4.81	-0.22	4.81	-0.22
Malakâl	24.3	10.00	-0.13	10.02	-0.12
Roseires	24.3	11.63	+0.26	11.64	+0.27
Sennâr Res.	23.3	18.48	—	18.58	—
Khartûm	23.3	10.12	-0.07	10.14	-0.05
Kh. el Girba					
Atbara					
Kajnarti	24.3	9.92	-0.07	9.93	-0.07
Wâdi Halfa	24.3	131.92	-0.19	131.93	-0.20
Aswân Res.	24.3	118.37	—	118.39	—
D.S.	24.3	85.48	-0.11	85.37	-0.31
El Leisi	24.3	17.48	+0.36	17.48	+0.34
Rôda (Cairo)	24.3	15.82	+0.27	15.79	+0.24

١٩٣٧ -٣-٢٤ Pressure and Wind at 8 h. *24-3-1937*



General Situation

A depression centred over Italy with a trough extending east of Malta towards Libya is moving eastwards, and the high pressure over the eastern Mediterranean is breaking down.

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on *23-3-1937* الساعة ٨ يوم ٢٣-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1015	+1	ESE	1	18	—	—	—	—	—	—	8	—	—	—	0	—	407	ليماسول
Haifa	1012.4	-1.0	ESE	1	19.0	30	+7	14	+3	64	+3	0	—	—	—	0	345	620	حيفا
Gaza	1017.4	+3.2	—	0	17.1	25	+3	12	+2	87	+18	0	9	—	0	0	360	359	غزة
Ships	43358	—	15406	—	29815	—	05759	—	9X771										سفن
	43328	—	29006	—	10301	—	17761	—	60082			—	63000						

Remarks

ANNUAL SUBSCRIPTION
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CAIRO

Time of sunrise h. 4 m. 53
sunset h. 18 m. 10

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

DAILY WEATHER REPORT

Month *March* 1937 ١٩٣٧ شهر مارس

١٩٣٧ - ٣ - ٢٥ Pressure and Wind at 8 h. *25-3-1937*

		STATION	At 14h. on 24th الساعة ١٤ يوم ٢٤ Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
130	MEDITERRANEAN	SALŪM	1015.6	—	0	23.3	51	0	8
131		MATRŪH	1016.9	ENE	3	19.2	77	0	6
150		DIKHEILA	1017.3	NNE	3	19.8	80	0	—
132		ALEXANDRIA	1016.2	NE	4	21.3	73	0	9
159		DAMIETTA							
134		PORT SAÏD	1015.5	NE	4	21.9	67	2	7
135		EL 'ARÎSH	1014.7	NNW	3	17.5	75	2	6
136	LOWER EGYPT	DAMANHŪR							
141		MANSŪRA							
138		TANTA							
139		ZAGAZIG							
141	CAIRO	ALMÂZA	1014.6	NNE	4	27.0	37	2	9
		EZBEKÎYA	1013.6	NE	2	27.2	37	1	8
		GÎZA	1013.3	N	2	26.8	35	1	6
143		HELWÂN	1012.7	NNE	4	28.7	14	1	8
144		SUEZ							
153	UPPER EGYPT	FAIYŪM	1013.0	NNE	3	28.5	26	0	8
154		MINYA	1012.7	NNE	3	29.0	26	0	8
155		ASYUT	1011.2	WSW	2	30.8	23	1	8
156		QENA	1009.3	WNW	2	34.8	22	2	8
157		LUXOR	1009.7	—	0	36.9	34	1	8
158		ASWÂN	1006.8	S	1	38.0	16	0	8
148	WESTERN DESERT	SÎWA	1014.7	—	0	30.5	39	0	6
149		BAHARÎYA	1013.6	NNE	3	29.0	39	0	9
151		KHÂRGA	1011.0	NE	5	33.4	50	0	9
152		DAKHLA	1011.1	NNE	2	33.0	8	0	8
145	RED SEA	TOR							
146		HURGHADA							
147		QUSEIR							
169		PORT SUDAN	1007.5	NE	3	29.9	—	1	—
165	NORTH SUDAN	WÂDI HALFA	1009.1	NNE	2	34	—	0	8
166		KAREIMA	1006.1	N	1	37	—	0	8
167		'ATBARA	1003.1	NE	2	37.7	—	0	—
168		KHARTŪM	1001.8	N	2	41	—	0	7
170		KASSALA	1000.6	S	1	39	—	1	6
171	CENTRAL SUDAN	WAD MEDANI	1004.4	NW	4	40.0	—	0	—
173		DUEIM	1002.2	NW	3	39.6	—	0	—
		RENK							
172		ROSEIRES	1002.7	WNW	2	43.3	—	0	—
174		EL OBEID	1002.9	SE	1	39	—	3	8
175		EL FÂSHER	—	NW	3	38.0	—	0	—
176	S. SUDAN	MALAKÂL	—	S	2	38	—	4	7
177		WÂU	1005.2	N	3	38.8	—	3	—
178		JŪBA	1002.3	SSW	4	38	—	4	8
177		Gencina							
180		Gallabat	—	WSW	6	38.0	—	0	—

	STATION	At 8h. on Thursday 25th الساعة ٨ يوم الخميس ٢٥ BAR. PRESSURE Reduced to M.S.L. m.b.	BAR. PRESSURE Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.
130	SALŪM	1014.7	-2.2	SW	5	20.8	25	—	18	—	26	—	0	6	—	0	0	105	—
131	MATRŪH	1014.8	-1.1	E	1	13.9	21	0	9	-2	72	0	0	6	—	0	0	143	153
150	DIKHEILA	1016.4	—	SE	1	16.0	20	—	13	—	89	—	3	7	Sc	4	0	—	—
132	ALEXANDRIA	1016.0	+0.6	SE	1	15.8	23	+1	15	+2	89	+19	4	8	As	0	0	161	183
159	DAMIETTA	1015.0	—	N	1	20.2	25	—	14		78	—	—	—	—	0	0	63	108
134	PORT SAÏD	1015.0	+1.0	NE	3	21.6	23	+1	16	+2	66	-3	0	7	—	0	0	34	71
135	EL 'ARÎSH	1014.6	—	—	0	20.8	20	—	13	—	66	—	2	6	Cu	1	0	—	—
136	DAMANHŪR	1015.8	+0.2	NE	1	14.5	26	+1	11	+1	95	+19	8	4	As	4	0	68	102
141	MANSŪRA	1014.8	—	NNE	1	16.5	27	+2	10	0	86	+11	0	7	Sc	0	0	27	48
138	TANTA	1015.6	-1.1	—	0	14.5	28	+2	10	0	97	+23	8	5	As	4	0	33	37
139	ZAGAZIG	1015.5	—	SE	1	13.3	26	+1	10	+1	98	+24	8	2	Sc	4	0	12	24
141	ALMÂZA	1015.0	—	ENE	4	16.9	27	—	9	—	76	—	1	7	Sc	1	0	—	—
	EZBEKÎYA	1014.3	-0.7	NE	4	16.3	29	+4	12	+1	77	+8	0	6	Cc	1	0	9	28
	GÎZA	1014.2	-1.6	NE	2	15.4	28	+3	11	+2	87	+15	1	5	Sc	1	0	12	24
143	HELWÂN	1013.8	-1.7	ENE	1	17.9	29	+4	12	0	51	-10	0	6	—	0	0	14	29
144	SUEZ	1014.3	-1.1	N	4	18.0	29	+4	15	+2	71	-3	0	—	—	0	0	12	23
153	FAIYŪM	1014.3	-1.7	N	4	16.5	29	+2	12	+2	74	+12	0	8	—	0	0	6	10
154	MINYA	1012.8	-3.1	NNW	3	15.5	30	+3	13	+2	77	+9	0	9	—	0	0	16	—
155	ASYUT	1012.8	-2.6	WSW	3	16.8	33	+5	11	-1	64	+9	0	8	—	0	0	0	5
156	QENA	1011.1	-3.1	WNW	3	21.0	36	+3	15	+2	47	+3	0	7	—	0	0	dr	—
157	LUXOR	1011.0	—	ENE	1	22.4	38	—	13	—	52	—	0	8	—	0	0	dr	—
158	ASWÂN	1009.6	-4.6	N	1	23.8	40	+8	18	+3	21	-11	0	8	—	0	0	1	—
148	SÎWA	1016.3	+0.3	—	0	16.8	33	+6	8	-1	54	-8	0	6	—	0	0	28	6
149	BAHARÎYA	1015.2	—	WSW	1	16.1	30	—	12	—	74	—	0	9	—	0	0	26	—
151	KHÂRGA	1012.6	-2.6	—	0	20.3	34	+4	13	+1	70	+21	0	9	—	0	0	0	0
152	DAKHLA																		—
145	TOR	1011.0	-3.2	NW	4	20.8	27	+2	17	+4	75	+12	0	6	—	2	0	13	14
146	HURGHADA	1011.1	-3.2	NNW	4	23.0	28	+2	16	+3	46	-3	0	8	—	0	0	dr	0
147	QUSEIR	1010.3	-3.2	NW	2	24.8	29	+3	20	+2	58	+17	0	7	—	0	0	1	7
169	PORT SUDAN	1009.0	-3.2	N	4	27.2	31	+1	25	+5	71	+7	2	—	—	0	0	42	107
165	WÂDI HALFA	1012.7	-1.3	NNW	3	19.8	35	+2	17	+3	25	-5	0	8	—	0	—	—	—
166	KAREIMA	1008.3	-3.8	NE	2	27.9	39	+2	23	+5	12	-9	3	8	Cu	1	0	dr	1
167	'ATBARA	1008.2	-2.8	NNE	2	27.5	38	+1	23	+5	35	+19	0	—	—	0	0	5	1
168	KHARTŪM	1006.5	-2.9	NNE	3	31.5	42	+3	22	+2	11	-7	2	8	Cs	1	0	4	5
170	KASSALA	1005.4	-3.1	—	0	29.1	39	0	19	-1	46	+3	0	8	Cu	0	0	dr	11
171	WAD MEDANI	1006.6	-2.4	N	4	30.4	41	+2	23	+3	20	+1	1	—	—	1	0	56	13
173	DUEIM	1006.2	-3.5	N	4	30.2	41	+2	23	+5	34	+16	0	—	—	0	0	21	12
	RENK																		
172	ROSEIRES	1005.4	-2.8	WNW	2	28.4	—	—	—	—	30	+3	0	—	—	—	0	3	40
174	EL OBEID	1006.4	-4.6	NNE	3	28.3	40	+4	20	+3	21	-2	0	8	Cc	1	0	23	12
175	EL FÂSHER	—	—	WNW	1	25.0	39	+3	18	+2	34	+13	0	—	—	0	0	0	8
176	MALAKÂL	—	—	S	3	29.6	40	+1	28	+6	45	+14	4	8	Sc	2	0	81	100
177	WÂU	1009.8	+1.1	S	3	29.3	40	+2	26	+5	53	-2	2	—	—	2	0	201	173
178	JŪBA	1007.1	-2.8	SSW	4	28.6	39	+2	23	+1	58	-10	1	9	Cu	1	dr	174	173
177	Gencina	—	—	NE	3	23.4	39	—	20	—	18	—	2	8	Ci	0	0	—	—
180	Gallabat	—	—	N	3	28.5	39	—	22	—	74	—	0	—	—	0	0	—	—

Upper Wind Observations on 25th ارصاد الرياح العليا يوم ٢٥

Height metres above M.S.L.	Salum 07h 00m Dir. E. of N.	Salum Kms per hour	Matruh 07h 00m Dir. E. of N.	Matruh Kms per hour	Almaza 07h 30m Dir. E. of N.	Almaza Kms per hour	Cairo 08h 15m Dir. E. of N.	Cairo Kms per hour	Helwan 08h 30m Dir. E. of N.	Helwan Kms per hour	Aswan 07h 00m Dir. E. of N.	Aswan Kms per hour	Wadi Halfa 07h 00m Dir. E. of N.	Wadi Halfa Kms per hour	Kareima 07h 00m Dir. E. of N.	Kareima Kms per hour	Khartum 06h 00m Dir. E. of N.	Khartum Kms per hour	Kassala 06h 00m Dir. E. of N.	Kassala Kms per hour	Gencina 07h 00m Dir. E. of N.	Gencina Kms per hour	El Obeid 06h 00m Dir. E. of N.	El Obeid Kms per hour	Juba 06h 00m Dir. E. of N.	Juba Kms per hour	Sakma 24th 13h 00m Dir. E. of N.	Sakma Kms per hour
200	220	24	130	18	70	26	50	22	50	22	—	—	—	—	20	31	—	—	—	—	—	—	—	—	—	—	150	10
500	—	—	100	8	60	49	50	44	60	27	10	22	30	21	25	50	30	56	10	18	30	18	—	—	—	—	—	—
1000	160	4	60	19	50	54	60	51	50	54	20	26	60	16	20	56	30	45	20	21	20	31	0	47	30	58	45	34	270	18
1500	130	11	30	28	50	45	60	42	60	41	20	30	40	11	340	29	20	37	30	27	330	21	70	26	40	45	20	18	280	9
2000	130	12	40	28	30	27	40	27			10	23			350	11	350	23	30	11	290	18	160	13	40	23	320	32	290	2
3000	270	4																	70	8	310	43	200	34	280	6	300	43	10	18
4000																					310	43			270	24			340	20
5000																													320	22
6000																														

Forecast for 24 hours from noon on 25th

Moderate winds chiefly north-easterly.

Clear or occasional high cloud.

Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر ٢٥

رياح معتدلة أكثرها شمالية شرقية

سماء صحو أو يظهر بها بعض السحب العالى

أحيانا

ولا تتغير درجة الحرارة تقريبا

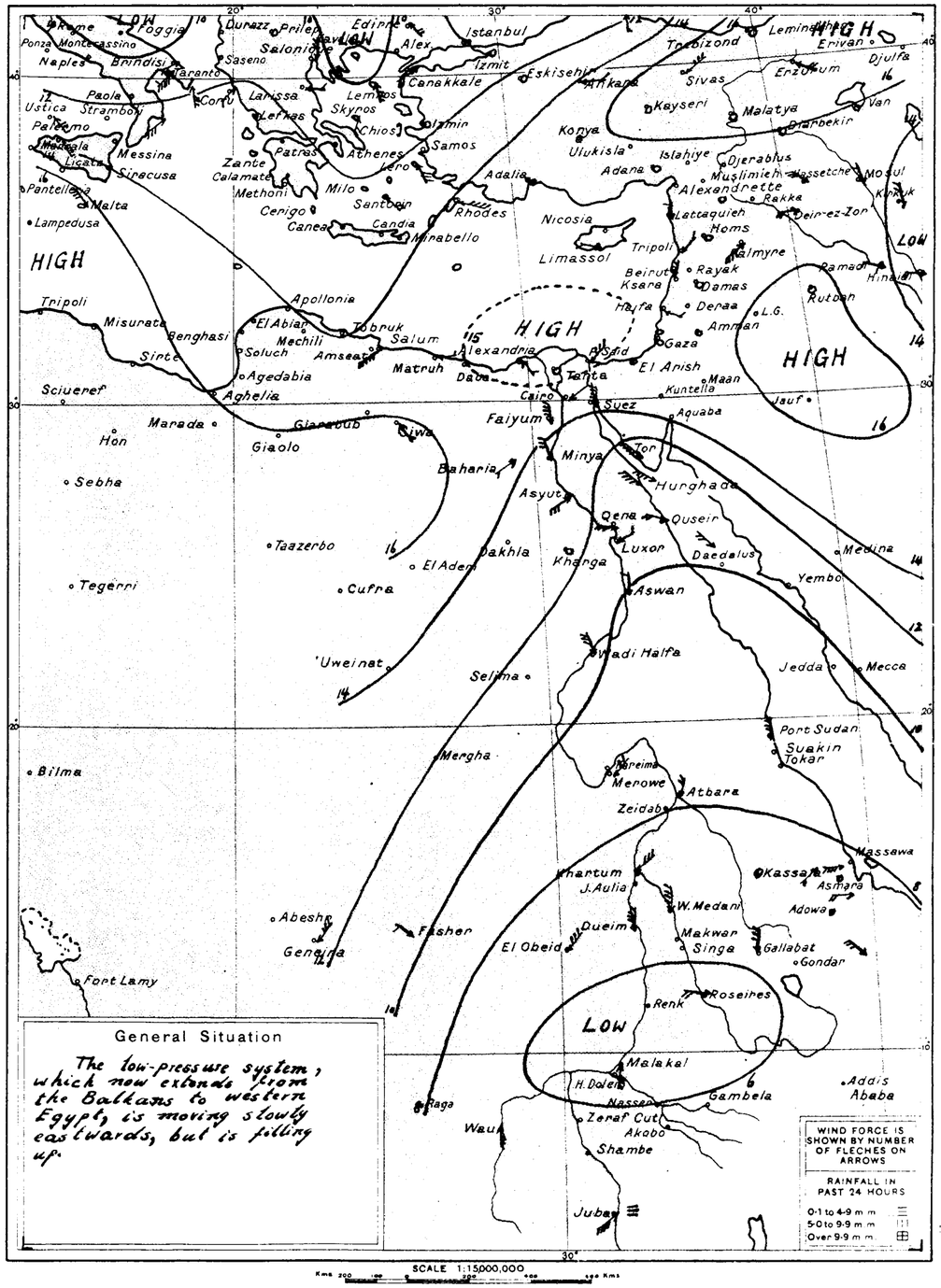
STATION	Mean of day HUMIDITY % on 24th	Mean of day HUMIDITY Diff. from normal	Mean of day WET BULB TEMP. °C on 24th	Mean of day WET BULB TEMP. Diff. from normal	Previous day HUMIDITY Reading	Previous day HUMIDITY Diff. from normal	Previous day WET BULB TEMP. Reading	Previous day WET BULB TEMP. Diff. from normal
Alexandria	84	+19	16.4	+3.0				
Ezbekiya	64	+4	15.8	+1.9				
Gîza	64	+13	16.0	+2.3				
Helwân	57	-6	13.7	+2.0				

Gîza Grass minimum on 24th 8.2 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
25.3	859	859
24.3	812	859

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	24.3	13.12	-0.14	13.11	-0.15
Nāsser	24.3	4.80	-0.24	4.81	-0.22
Malakâl	25.3	9.97	-0.14	10.00	-0.13
Roseires	25.3	11.62	+0.26	11.63	+0.26
Sennâr Res.	24.3	18.41	—	18.48	—
Khartûm	24.3	10.12	-0.07	10.12	-0.07
Kh. el Girba					
'Atbara	24.3	9.92	-0.07	9.93	-0.07
Kajnarti	24.3	131.92	-0.17	131.93	-0.20
Wâdi Halfa					
Aswân Res.	25.3	118.30	—	118.37	—
" D.S.	25.3	86.57	-0.09	85.48	-0.19
El Leisi	25.3	17.48	+0.38	17.48	+0.36
Rôda (Cairo)	25.3	16.82	+0.28	15.86	+0.27



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

STATION	At 8 h. on 24-3-1937 الساعة ٨ يوم ٢٤-٣-١٩٣٧ BAR. PRESSURE Reduced to M.S.L. m.b.	BAR. PRESSURE Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM To day °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1016	+2	ESE	2	18	—	—	—	—	—	—	0	—	—	—	0	—	411	ليماسول
Haifa	1016.7	+3.4	ESE	1	18.6	24	+1	14	+3	61	0	0	—	—	—	0	345	621	حيفا
Gaza	1016.7	+2.5	—	0	16.8	23	+1	10	0	84	+21	0	9	—	0	0	360	359	غزه
Ships	53273	—	34106	—	27400	—	—	12770	—	61760	—	—	53000						سفن
	53258	—	35306	—	28201	—	—	12865	—	61862	—	—	43200						

ANNUAL SUBSCRIPTION

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CAIRO

Time of sunrise h. 05 m. 51
sunset h. 18 m. 10

Month March 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-٣-٢٦ Pressure and Wind at 8 h. 26-3-1937

1417 F.C.

At 14h. on 25th — الساعة ١٤ يوم ٢٥

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	°Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
130	SALŪM	1013.4	SSE	2	30.9	18	4	8
131	MATRŪH	1013.5	ENE	3	25.1	51	1	6
150	DIKHEILA	1014.0	N	2	19.5	83	0	—
132	ALEXANDRIA	1014.2	NE	2	21.7	70	4	9
159	DAMIETTA							
134	PORT SAÏD	1014.2	NNE	4	23.8	63	0	7
135	EL 'ARÎSH	1012.8	NNW	3	20.2	78	0	7
	LOWER EGYPT							
136	DAMANHŪR							
137	MANSŪRA							
138	TANTA							
139	ZAGĀZIG							
	MIDDLE EGYPT							
141	CAIRO: ALMĀZA	1013.4	NE	4	27.6	45	0	9
	CAIRO: EZBEKĪYA	1012.0	NNE	2	28.3	39	0	8
	CAIRO: GĪZA	1011.4	N	2	27.6	40	1	7
143	HELWĀN	1011.4	NNE	5	28.9	19	1	7
144	SUEZ							
	UPPER EGYPT							
153	FAIYŪM	1011.5	N	4	29.9	22	1	8
154	MINYA	1010.6	NNW	3	30.0	28	0	9
155	ASYŪT	1009.2	WSW	3	30.0	30	0	8
156	QENA	1008.0	WNW	1	35.1	20	0	9
157	LUXOR	1007.1	ENE	1	37.0	32	0	8
158	ASWĀN	1005.6	S	1	36.3	18	0	8
	WESTERN DESERT							
148	SĪWA	1013.3	—	0	30.4	32	0	6
149	BAHARĪYA	1011.5	NNE	3	32.2	30	0	9
151	KHĀRGA	1008.7	N	2	33.0	32	0	9
152	DĀKHLA	1010.7	N	2	31.2	13	0	9
	RED SEA							
145	TŌR							
146	HURGHĀDA							
147	QUSEIR							
167	PORT SUDAN	1005.4	NE	2	28.3	—	1	—
	NORTH SUDAN							
165	WĀDI HALFA	1008.4	NW	1	34	—	0	8
166	KAREIMA	1005.3	NNW	3	37	—	1	8
167	'ATBARA	1003.1	WNW	2	38.0	—	1	—
168	KHARTŪM	1001.7	NNW	3	41	—	0	7
170	KASSALA	1000.3	ESE	3	38	—	0	8
	CENTRAL SUDAN							
171	WAD MEDANI	1003.8	NW	4	39.8	—	0	—
173	DUEIM	1001.9	NW	2	39.6	—	0	—
182	RENK							
172	ROSEIRES	1001.1	NNE	3	42.0	—	2	—
174	EL OBEID	1004.4	N	3	39	—	0	8
175	EL FÂSHER	—	SSW	2	39.0	—	0	—
	S. SUDAN							
176	MALAKĀL	—	S	2	34	—	4	8
177	WĀU	1003.4	E	3	40.2	—	2	—
178	JŪBA	1000.9	ENE	3	39	—	3	8
179	Geneina	—	NE	2	37	—	3	8
180	Gallabat	—	W	3	38.8	—	1	—

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

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																		
130	SALŪM	1014.7	-2.2	N	4	15.7	32	—	14	—	85	—	2	6	Cu	1	0	106	—
131	MATRŪH	1012.3	-3.6	S	1	18.9	27	+6	13	+2	38	-34	0	6	—	0	0	143	153
150	DIKHEILA	1013.3	—	ESE	1	18.6	20	—	11	—	79	—	1	7	Cs	4	0	—	—
132	ALEXANDRIA	1012.6	-2.7	—	0	18.5	23	+1	15	+2	75	+5	2	8	Ci	0	0	161	184
159	DAMIETTA	1012.6	—	S	1	18.8	28	—	14	—	90	—	4	—	Ac	1	0	63	108
134	PORT SAÏD	1012.7	-1.3	SW	2	20.6	25	+3	15	+1	78	+9	2	6	Cc	1	0	34	71
135	EL 'ARÎSH	1012.7	—	—	0	22.8	21	—	12	—	59	—	0	7	—	1	0	—	—
	LOWER EGYPT																		
136	DAMANHŪR	1013.0	-2.5	SE	2	19.0	29	+4	11	+1	74	-1	0	5	Ci	0	0	68	102
137	MANSŪRA	1012.8	—	SE	1	18.5	30	+5	10	0	94	+19	8	1	—	4	0	27	49
138	TANTA	1013.0	-3.6	—	0	14.0	30	+4	8	-2	95	+22	8	1	Cb	4	0	33	38
139	ZAGĀZIG	1013.3	—	ENE	1	14.9	28	+3	10	+1	97	+23	8	3	As	—	0	12	24
	MIDDLE EGYPT																		
141	CAIRO: ALMĀZA	1013.0	—	NE	2	18.8	30	—	10	—	62	—	2	7	Cs	1	0	—	—
	CAIRO: EZBEKĪYA	1011.8	-3.2	N	1	18.7	30	+4	11	-1	88	+19	0	—	—	1	0	9	28
	CAIRO: GĪZA	1011.9	-3.8	NNW	2	13.2	29	+4	10	+1	97	+25	1	6	Cs	1	0	12	24
143	HELWĀN	1011.8	-3.7	NE	4	21.5	30	+5	12	0	25	-36	0	6	Ci	0	0	14	29
144	SUEZ	1012.2	-3.1	N	2	19.0	29	+4	15	+2	67	-7	1	—	—	—	0	12	23
	UPPER EGYPT																		
153	FAIYŪM	1011.8	-4.1	ENE	1	18.5	30	+3	13	+3	58	-3	0	8	—	0	0	6	10
154	MINYA	1013.4	-2.4	NNW	2	16.2	30	+3	13	+2	74	+6	0	8	—	0	0	16	—
155	ASYŪT	1011.4	-3.9	WSW	3	17.6	32	+4	12	0	60	+5	0	8	—	0	0	0	5
156	QENA	1010.8	-3.4	WNW	1	22.2	36	+3	15	+1	51	+5	0	8	—	0	0	dr	—
157	LUXOR	1010.8	—	—	0	22.3	38	—	13	—	63	—	0	8	—	0	0	dr	—
158	ASWĀN	1010.2	-3.9	NE	1	23.6	37	+5	19	+4	34	+2	0	8	—	0	0	1	—
	WESTERN DESERT																		
148	SĪWA	1012.3	-3.6	—	0	16.1	32	+5	8	-2	44	-7	0	6	—	0	0	28	6
149	BAHARĪYA	1012.8	—	NNE	1	18.1	33	—	10	—	63	—	0	9	—	0	0	26	—
151	KHĀRGA	1011.1	-4.0	NE	2	20.0	33	+2	14	+2	72	+23	0	9	—	0	0	0	0
152	DĀKHLA	1011.4	-4.0	WNW	2	21.2	33	+2	16	+5	38	-2	0	8	—	0	0	dr	—
	RED SEA																		
145	TŌR	1011.2	-3.0	NW	3	21.0	30	+4	16	+2	74	+11	0	6	—	1	0	13	14
146	HURGHĀDA	1010.6	-3.6	NNW	4	23.5	28	+1	13	-1	45	-4	0	8	—	0	0	dr	0
147	QUSEIR																		
167	PORT SUDAN																		
	NORTH SUDAN																		
165	WĀDI HALFA	1010.5	-3.4	NW	2	20.5	35	+1	17	+3	27	-3	0	8	—	0	—	—	—
166	KAREIMA	1008.5		NE	1	25.1	38		20		14		1	8	Ci	0	0	dr	1
167	'ATBARA	1006.8	-2.5	NNW	3	24.1	41	+2	21	+1	25	+7	4	7	Cs, Ac	1	0	4	5
168	KHARTŪM	1003.9	-4.5	NE	1	29.6	40	+1	19	-1	41	-.	2	8	Cs	0	0	dr	11
170	KASSALA																		
	CENTRAL SUDAN																		
171	WAD MEDANI	1006.3	-2.6	N	3	27.9	41	+1	22	+2	12	-7	0	—	—	0	0	56	13
173	DUEIM	1005.9	-3.8	NW	4	27.8	41	+2	21	+3	26	+8	0	—	—	0	0	21	12
182	RENK																		
172	ROSEIRES																		
174	EL OBEID	1004.6	-6.3	N	2	25.5	40	+3	21	+4	22	-1	3	8	Cc	1	0	23	21
175	EL FÂSHER	—	—	WNW	1	23.0	40	+3	20	+4	34	+13	0	—	—	0	0	0	8
	S. SUDAN																		
176	MALAKĀL	—	—	N	2	32.0	35	-4	25	+3	16	-16	2	8	Ci, Ac	2	0	81	100
177	WĀU	1007.1	+0.4	SE	3	27.0	40	+2	24	+3	66	+10	4	—	—	2	0	201	173
178	JŪBA	1006.3	-3.6	SSW	3	29.8	41	+4	24	+2	47	-21	4	8	Sc	1	0	174	174
179	Geneina	—	—	ENE	3	24.9	40	—	19	—	16	—	3	8	Ac	0	0	—	—
180	Gallabat	—	—	ENE	3	32.1	40	—	24	—	31	—	0	—	—	0	0	—	—

Upper Wind Observations on 26th — ارصاد الرياح العليا يوم ٢٦

Height metres above M.S.L.	Dikheila 07 h. 45m. Dir. E of N.	Kms per hour	Almaza 07 h. 30m. Dir. E of N.	Kms per hour	Wadi Halfa 07 h. 00m. Dir. E of N.	Kms per hour	Kareima 07 h. 00m. Dir. E of N.	Kms per hour	Khartum 06 h. 00m. Dir. E of N.	Kms per hour	Kassala 07 h. 00m. Dir. E of N.	Kms per hour	El Obeid 06 h. 00m. Dir. E of N.	Kms per hour	Medani 06 h. 00m. Dir. E of N.	Kms per hour	Juba 06 h. 00m. Dir. E of N.	Kms per hour	Geneina 07 h. 00m. Dir. E of N.	Kms per hour	Salum 25th 13 h. 00m. Dir. E of N.	Kms per hour
200	110	28	90	24	10	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	190	14
500	80	24	80	59	40	37	10	43	350	29	40	18	—	—	10	43	50	29	—	—	—	—
1000	60	29	60	29	30	48	20	39	90	18	10	27	30	55	20	37	50	34	0	47	160	22
1500	80	36	160	16	30	47	20	18	20	21	300	21	30	47	40	27	30	39	80	47	160	17
2000	60	26	160	20	30	21	50	14	30	27	270	27	320	31	40	53	30	8	170	14	170	24
3000	60	21			10	11	330	18			290	47	300	27	140	44	290	23			200	15
4000											290	68	290	18								
5000																						
6000																						

Forecast for 24 hours from noon on .....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

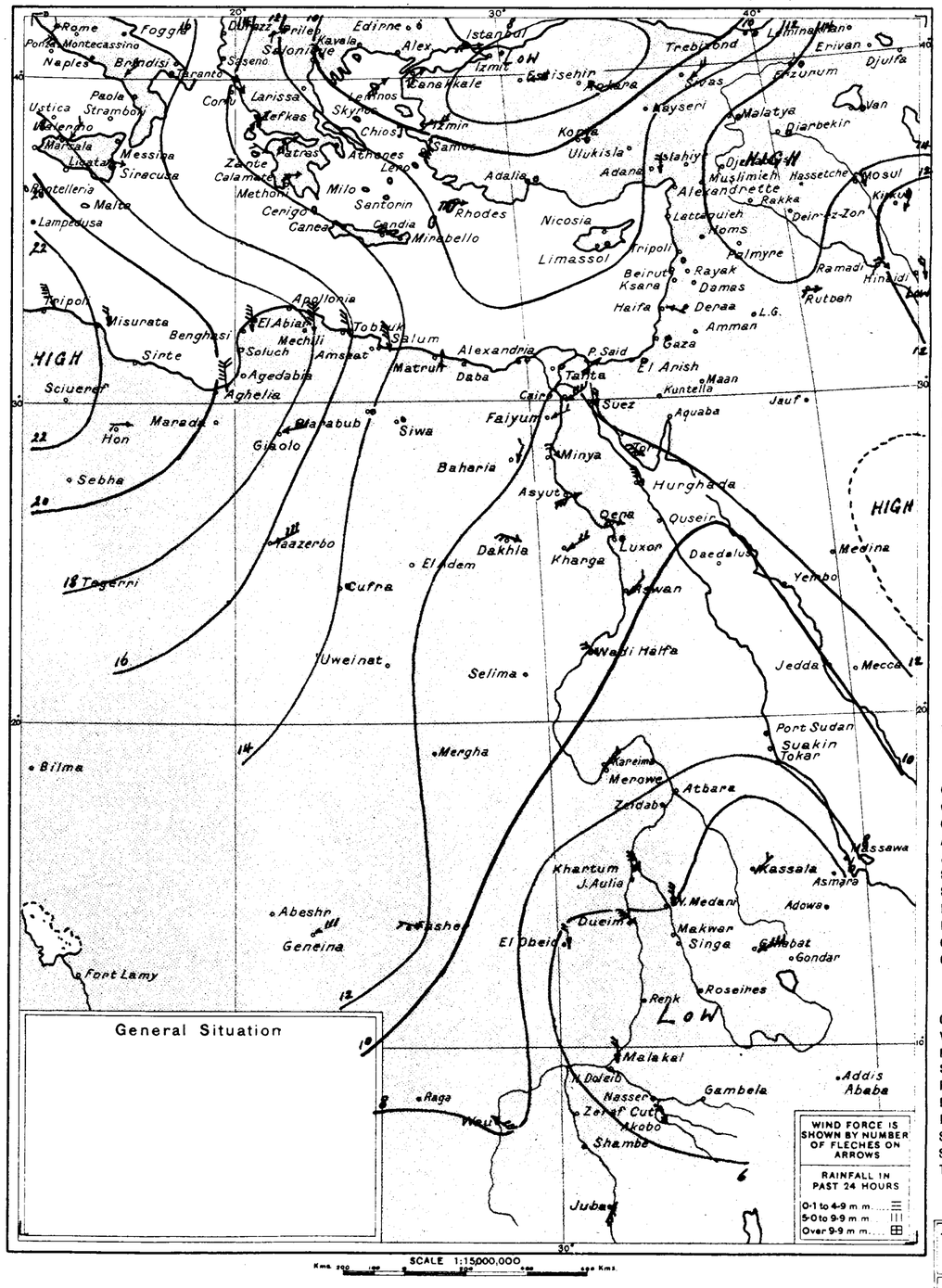
STATION	Mean of day: Humidity % on 25th	Humidity Diff. from normal	Wet Bulb Temp. °C on 25th	Wet Bulb Temp. Diff. from normal
Alexandria	68	+3	16.6	+3.2
Ezbekiya	65	+10	16.5	+2.6
Gīza	64	+8	16.4	+2.7
Helwān	36	-9	14.2	+2.4

Gīza Grass minimum on 26th 6.1 °C

Discharges at Aswān measured by sluices m.³ per sec.

DATE	1937	1936
26-3	858	859
25-3	859	859

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	26-3	18.10	-0.16	13.11	-0.15
Nāsser	26-3	4.76	-0.29	4.79	-0.25
Malakāl	26-3	9.96	-0.16	9.99	-0.14
Roseires	26-3	11.41	+0.25	11.62	+0.26
Sennār Res.	25-3	18.31	—	18.41	—
Khartūm	26-3	10.08	-0.11	10.12	-0.07
Kh. el Girba					
'Atbara	26-3	9.90	-0.09	9.91	-0.07
Kajnarti	26-3	131.92	-0.14	131.91	-0.18
Wādi Halfa					
Aswān Res.	26-3	118.28	—	118.30	—
" D.S.	26-3	85.56	-0.09	85.57	-0.09
El Leisi	26-3	17.48	+0.39	17.48	+0.38
Rōda (Cairo)	26-3	15.82	+0.28	15.82	+0.28



STATION	At 8 h. on 25-3-1937 الساعة ٨ يوم ٢٥-٣-١٩٣٧ Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum To day °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1013	-1	NNW	1	20	—	—	—	—	—	—	0	—	—	—	0	—	412	ليماسول
Haifa	1013.9	+0.6	ESE	1	19.7	23	-1	16	+5	69	+8	0	—	—	—	0	345	622	حيفا
Gaza	1014.7	+0.6	—	0	18.7	23	+1	15	+5	82	+14	0	9	—	0	0	360	360	غزة
Dakla	1013.8	-1.7	—	0	22.8	33	+2	15	+4	41	+1	0	8	—	0	0	dr.	—	الداخلة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME. LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION

Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. 05 m. 50
sunset h. 18 m. 11

Month March 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 26th الساعة ١٤ يوم ٢٦ — At 8h. on Saturday 27th الساعة ٨ يوم السبت ٢٧

No.	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM								1017.5	+0.6	N	5	13.6	23	—	10	—	64	—	2	5	Cu	1	0	105	—
131	MATRÛH	1013.4	NNW	4	18.1	78	0	6	1015.5	-0.3	NNW	4	15.6	21	0	15	+4	64	-8	4	6	Sc	2	0	143	154
150	DIKHEILA	1012.5	NNW	3	20.7	84	0	8	1014.8	—	NNW	4	17.6	27	—	17	—	84	—	4	7	Cu	2	0	—	—
132	ALEXANDRIA	1011.9	NNE	4	22.7	66	0	8	1013.9	-1.4	N	4	17.2	27	+5	16	+3	69	-1	4	7	Cu	2	0	161	184
137	DAMIETTA								1011.8	—	NW	3	19.3	28	—	14	—	74	—	3	—	Ac	2	0	63	109
134	PORT SAÎD	1011.0	NW	4	24.6	64	0	7	1012.4	-1.5	NW	3	19.6	26	+4	15	+1	72	+3	3	7	Cs	1	0	34	71
135	EL ʿARÎSH	1009.6	NNW	2	20.8	77	0	7	1011.4	—	SW	2	18.8	24	—	11	—	34	—	0	6	—	1	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1012.9	-1.6	NW	3	18.6	30	+5	14	+4	67	-8	3	7	Cu	1	0	68	102
137	MANSÛRA								1012.7	—	N	2	17.5	30	+5	14	+4	79	+4	2	5	Cc	0	0	27	49
[illegible]	TANTA								1013.3	-3.3	NW	3	16.5	30	+4	11	+1	84	+11	4	6	As	2	0	33	38
[illegible]	ZAGÂZÎG								1013.3	—	NW	2	17.6	29	+4	11	+2	82	+8	—	7	Cc	—	0	12	24
	MIDDLE EGYPT																									
[illegible]	CAIRO ALMÂZA																									
	CAIRO EZBEKÎYA	1008.6	NNE	2	31.6	27	0	9	1013.1	-1.8	N	2	17.1	32	+6	15	+3	86	+17	4	—	Sc	2	0	9	28
	CAIRO GÎZA	1008.3	N	2	30.8	27	0	7	1013.3	-2.3	NNW	2	16.8	31	+6	12	+3	88	+17	4	5	Cc	2	0	12	24
143	HELWÂN	1008.6	W	2	31.8	20	0	6	1013.6	-1.8	N	4	17.3	34	+9	14	+2	75	+15	3	7	Cc	2	0	14	29
144	SUEZ								1012.7	-2.6	NW	4	18.0	32	+7	16	+2	75	+1	3	—	—	—	0	12	24
	UPPER EGYPT																									
153	FAIYÛM	1009.1	N	1	30.0	26	0	8	1012.5	-2.3	NNE	3	17.9	34	+7	15	+5	75	+14	4	6	Cu	0	0	6	10
154	MINYA	1009.8	N	1	31.3	31	0	8	1012.3	-3.5	NNE	4	18.0	32	+5	15	+3	75	+7	0	7	—	1	0	16	—
155	ASYÛT	1008.6	WSW	3	32.0	25	0	8	1011.6	-3.6	WSW	3	17.8	34	+5	13	+1	60	+6	0	8	—	0	0	0	5
156	QENA	1007.6	WNW	1	34.8	25	0	9	1010.0	-4.1	NNW	1	24.0	35	+2	16	+2	36	-9	0	8	—	0	0	dr	—
157	LUXOR	1006.8	—	0	36.2	36	0	8	1009.6	—	ENE	1	22.9	37	—	14	—	60	—	0	8	—	0	0	dr	—
158	ASWÂN	1005.4	W	1	35.0	15	2	8	1009.0	-5.1	—	0	25.0	36	+3	17	+3	49	+17	2	8	Ci	1	0	1	—
	WESTERN DESERT																									
148	SÎWA	1011.0	—	0	33.0	33	0	6	1017.4	+1.6	NNE	3	14.3	34	+7	10	0	66	+5	0	6	—	0	0	28	7
147	BAHARÎYA	1009.5	N	1	31.3	34	0	9	1015.0	—	NNE	3	15.8	32	—	13	—	87	—	1	6	Ci	1	0	26	—
151	KHÂRGA	1009.8	NE	1	35.0	46	0	9	1011.4	-3.6	N	1	20.3	35	+4	15	+2	68	+20	0	9	—	0	0	0	0
152	DÂKHLA	1007.8	WSW	1	35.3	16	0	9	1012.4	-2.9	SSW	1	21.9	36	+5	14	+2	38	-2	0	8	—	0	0	dr	—
	RED SEA																									
145	TÔR								1009.5	-4.6	NW	3	21.1	28	+2	19	+5	81	+17	0	6	—	1	0	13	14
146	HURGHÂDA								1009.1	-5.0	NNW	5	23.5	32	+5	16	+2	50	+1	0	7	—	0	0	dr	0
147	QUSEIR																									
167	PORT SUDAN								1009.0	-3.1	N	3	28.7	30	0	24	+4	62	-2	1	—	—	0	0	42	107
	NORTH SUDAN																									
165	WÂDI HALFA								1010.1	-3.7	NNW	1	21.3	35	+1	18	+4	27	-3	0	8	—	1	—	—	—
166	KAREIMA								1008.3	-3.6	—	0	25.0	38	+1	21	+3	16	-5	1	8	Ci	0	0	dr	1
161	ʿATBARA								1007.6	-3.2	E	3	27.0	37	0	19	0	37	+21	0	—	—	0	0	5	1
168	KHARTÛM								1006.2	-3.0	NNW	3	24.9	40	+1	20	0	22	+5	3	8	Ci,Ac	1	0	4	5
170	KASSALA								1003.8	-4.6	NE	3	29.1	38	-1	20	0	46	+4	3	8	Ci	1	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1007.0	-1.8	N	3	24.9	39	-1	19	-1	20	+1	2	—	—	1	0	56	13
173	DUEIM								1005.9	-3.7	NW	4	26.2	39	0	21	+3	29	+11	1	—	—	1	0	21	12
	RENK																									
172	ROSEIRES								1004.4	-3.7	WNW	2	24.8	43	+3	19	-1	41	+14	1	—	—	1	0	3	41
174	EL OBEID								1006.7	-4.1	NW	2	24.1	38	+1	19	+2	29	+6	4	8	Cs,As	1	8	31	21
175	EL FÂSHER								—	—	SW	1	20.0	40	+3	16	0	32	+11	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL								—	—	SSW	3	28.5	42	+3	24	+2	54	+22	3	8	Ci,Ac	1	0	81	101
177	WÂU								1010.7	+2.1	W	3	27.0	36?	-2	22	+1	63	+6	3	—	—	2	1	202	174
178	JÛBA								1006.5	-3.4	SE	4	26.2	41	+4	25	+3	76	+7	5	8	Cb	8	dr	174	175
17?	Geneina								—	—	E	3	22.4	39	—	21	—	16	—	3	8	Sc	0	0	—	—
18	Gullabat								—	—	—	—	28.8	39	—	20	—	62	—	0	—	—	0	0	—	—

Upper Wind Observations on 27th ارصاد الرياح العليا يوم ٢٧

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Dikeila 07h.15m. Dir.	Kms.	Asyut 07h.30m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 06h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Kassala 06h.00m. Dir.	Kms.	El Obeid —h.—m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Ismailia R.A.F. 07h.00m. Dir.	Kms.	Abukir R.A.F. 07h.00m. Dir.	Kms.
200	340	18	340	24	330	39	—	—	—	—	20	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	330	31	330	34
500	—	—	340	36	330	32	340	25	40	16	70	24	30	43	10	31	30	34	—	—	230	26	70	43	—	—	320	14	340	32
1000	350	31	330	43	340	36	270	10	60	8	60	27	40	48	30	32	20	26	10	53	270	39	80	21	70	55	320	27		
1500	Ent. Cu		Ent. Sc		260	20	240	16	10	25	40	34	40	32	70	26	340	21	20	34	270	10	290	14	60	60	290	31		
2000					270	50	240	27	50	24	30	24	40	19	350	24	290	11	350	21	340	6	320	24	70	42	—	—		
3000									350	42	350	24	0	11	310	34	250	14	300	40	10	26			70	11	220	47		
4000																	270	24	310	40					70	19				
5000																														
6000																														

Forecast for 24 hours from noon on ...

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 26th	Diff. from normal	Wet Bulb Temp. °C on 26th	Diff. from normal
Alexandria	71	+5	16.7	+3.2
Ezbekiya	66	+11	16.8	+2.8
Gîza	72	+16	16.0	+2.2
Helwân	19	-25	14.8	+2.9

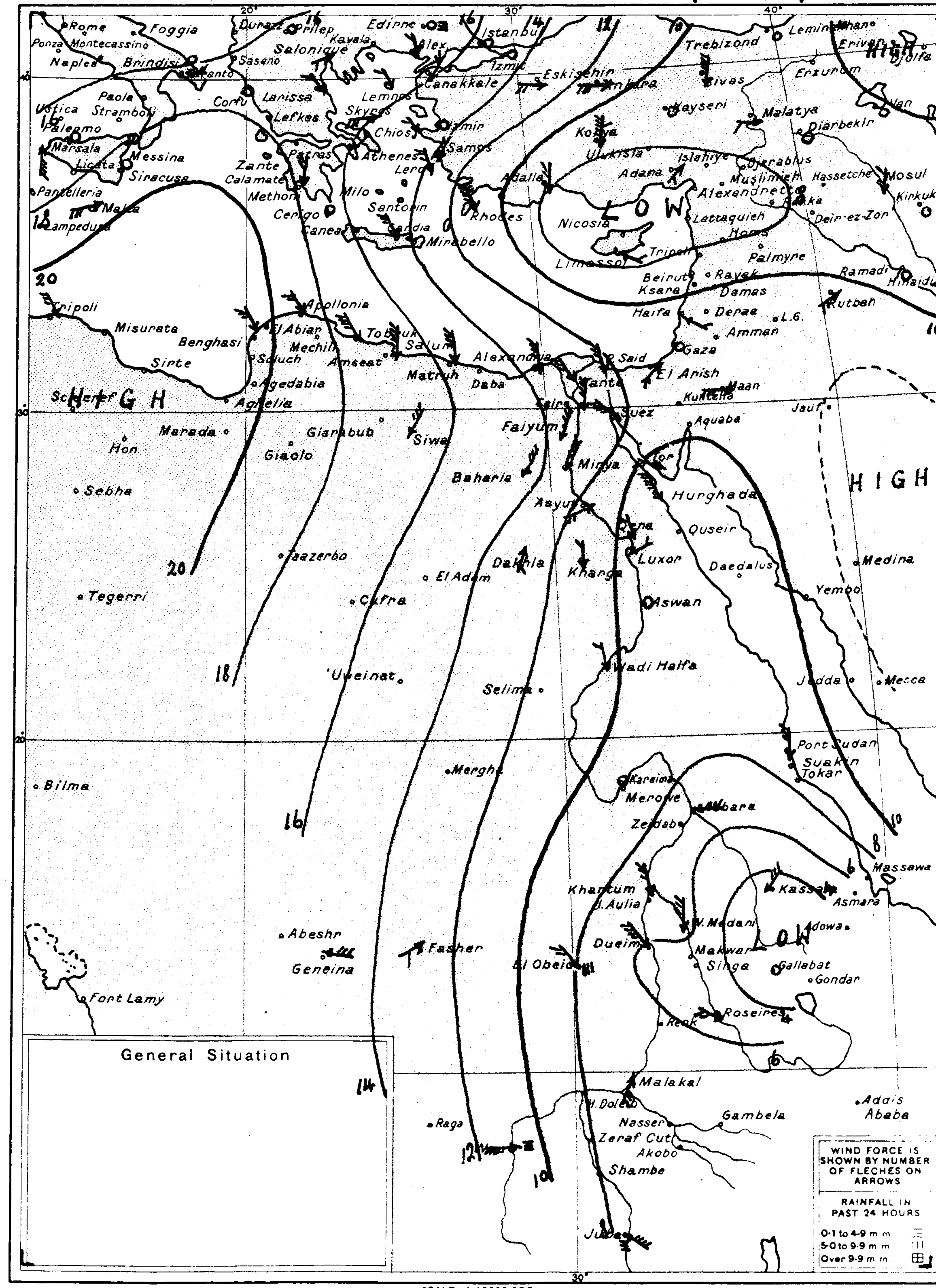
Gîza Grass minimum on 27th 9.3 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
27.3	857	858
26.3	858	859

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27.3	13.09	-0.18	13.10	-0.16
Nâṣṣer	27.3	4.76	-0.30	4.76	-0.29
Malakâl	27.3	9.96	-0.16	9.96	-0.16
Roseires	27.3	11.60	+0.24	11.61	+0.25
Sennâr Res.	25.3	18.31	—	18.41	—
Khartûm	27.3	10.06	-0.14	10.08	-0.11
Kh. el Girba					
ʿAtbara	27.3	9.90	-0.06	9.90	-0.07
Kajnarti	27.3	131.94	-0.09	131.92	-0.14
Wâdi Halfa					
Aswân Res.	27.3	118.18	—	118.23	—
,, D. S.	27.3	85.56	-0.08	85.56	-0.09
El Leisi	27.3	17.48	+0.40	17.48	+0.39
Rôda (Cairo)	27.3	15.82	+0.28	15.82	+0.28

١٩٣٧-٣-٢٧ Pressure and Wind at 8 h. 27·3·1937.



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 26·3·1937. الساعة ٨ يوم ٢٦-٣-١٩٣٧.

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1011	-3	—	0	17	—	—	—	—	—	—	4	—	—	—	0	—	413	ليماسول
Haifa	1012.4	-0.8	ESE	1	20.3	23	0	14	+3	72	+11	0	—	—	—	0	345	623	حيفا
Gaza	1013.4	-0.6	—	0	17.8	24	+2	13	+3	93	+25	0	9	—	0	0	360	361	غزه

ANNUAL SUBSCRIPTION
Inland Post ... P.T 100
Abroad ... P.T 150

CAIRO

Time of sunrise 05 h. 47 m.
sunset 18 h. 11 m.

Month March 1937 ١٩٣٧ شهر هاتور

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٧-٣-٢٨ Pressure and Wind at 8 h. 28-3-1937

1417 F.C.

At 14h. on 27th ٢٧ الساعة ١٤ يوم

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
MEDITERRANEAN	SALÛM	1017.5	NNE	5	16.6	58	1	7
	MATRÛH	1016.0	NNW	4	17.4	66	2	6
	DIKHEILA	1015.2	NNW	4	18.7	73	2	—
	ALEXANDRIA	1017.0	NNE	5	19.6	49	4	8
	DAMIETTA							
	PORT SAÏD	1013.3	WNW	5	20.5	60	2	7
	EL 'ARÎSH							
LOWER EGYPT	DAMANHÛR							
	MANSÛRA							
	TANTA							
	ZAGÂZÎG							
MIDDLE EGYPT	CAIRO: ALMÂZA							
	CAIRO: EZBEKÎYA	1012.4	N	2	24.1	50	2	8
	CAIRO: GÎZA	1011.9	NNW	3	24.0	51	3	6
	HELWÂN	1011.9	N	4	22.6	44	2	7
	SUEZ							
UPPER EGYPT	FAIYÛM	1011.5	N	4	24.5	40	1	7
	MINYA	1011.1	N	3	25.7	48	2	6
	ASYÛT	1009.8	NW	3	29.2	35	0	8
	QENA	1007.5	WNW	1	35.5	20	0	9
	LUXOR	1007.0	NNW	3	34.1	35	0	8
	ASWÂN	1005.8	—	0	36.3	22	0	8
WESTERN DESERT	SÎWA	1023.0	NW	1	23.2	31	0	6
	BAHARÎYA	1013.4	N	4	23.8	63	0	7
	KHÂRGA	1009.5	N	2	32.0	60	0	9
	DÂKHLA	1011.0	NNW	4	27.8	46	0	9
RED SEA	TÛR							
	HURGHÂDA							
	QUSEIR							
	PORT SUDAN	1006.8	NE	3	29.6	—	0	—
NORTH SUDAN	WÂDI HALFA	1008.4	N	3	33	—	0	8
	KAREIMA	1005.3	ENE	1	36	—	2	8
	'ATBARA	1003.9	SW	3	36.8	—	0	—
	KHARTÛM	1001.7	NNW	3	38	—	4	8
	KASSALA	1000.2	NNE	1	37	—	3	8
CENTRAL SUDAN	WAD MEDANI	1003.8	N	3	37.0	—	2	—
	DUEIM	1001.8	W	3	36.6	—	1	—
	RENK							
	ROSEIRES	1000.6	W	2	38.7	—	2	—
	EL OBEID	1001.5	NNE	2	36	—	3	7
	EL FÂSHER							
S. SUDAN	MALAKÂL	—	S	3	39	—	4	8
	WÂU	1007.4	W	3	37.0	—	1	—
	JÛBA	1003.6	NE	3	32	—	4	8
	Geneina	—	E	2	35	—	4	8
	Gallabat	—	NNE	3	37	—	1	—

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

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
MEDITERRANEAN	SALÛM	1019.6	+2.7	NNW	2	11.8	17	—	8	—	74	—	0	6	Cu	1	0	105	—
	MATRÛH	1017.6	+1.8	NNW	3	15.6	17	+4	14	+3	71	-1	2	6	Sc	1	0	143	154
	DIKHEILA	1017.9	—	NNW	3	16.3	19	—	15	—	71	—	3	8	Sc	2	0	—	—
	ALEXANDRIA	1017.2	+2.0	NE	4	15.7	22	0	15	+2	58	-12	3	8	Sc	2	0	161	184
	DAMIETTA	1015.8	—	NW	2	19.2	23	—	14	—	63	—	1	—	Cc	1	0	63	109
	PORT SAÏD	1016.4	+2.5	NNW	3	18.5	21	-1	15	+1	68	-10	3	7	Sc	1	0	34	72
	EL 'ARÎSH	1015.8	—	NNW	2	18.2	21	—	15	—	54	—	1	7	Cu	1	0	—	—
LOWER EGYPT	DAMANHÛR	1017.2	+1.8	NNW	1	17.0	22	-3	11	+1	57	-17	3	7	Ac	2	0	68	103
	MANSÛRA	1014.8	—	N	1	15.5	23	-2	10	0	65	-10	0	6	Ci	0	0	27	47
	TANTA	1016.8	+0.3	NNW	3	16.0	22	-4	8	-2	69	-4	1	7	Ci	1	0	33	38
	ZAGÂZÎG	1017.0	—	WNW	2	15.9	23	-3	8	-1	71	-3	—	8	Ci	—	—	12	25
MIDDLE EGYPT	CAIRO: ALMÂZA	1017.0	—	NNE	1	15.4	—	—	9	—	72	—	2	7	St	1	0	—	—
	CAIRO: EZBEKÎYA	1016.6	+1.8	N	3	15.0	25	-1	12	0	68	-1	3	6	Sc	2	0	9	28
	CAIRO: GÎZA	1016.7	+1.2	NNW	2	15.0	24	-2	8	-1	71	0	3	5	Sc	2	0	12	24
	HELWÂN	1017.5	+2.2	N	3	14.6	25	-1	12	0	54	-6	2	5	Cu	2	0	14	27
	SUEZ	1016.7	+1.4	N	2	16.0	26	+1	10	-4	50	-24	2	—	—	—	0	12	24
UPPER EGYPT	FAIYÛM	1017.5	+1.8	N	3	14.5	25	-2	9	-2	63	+2	1	8	—	0	0	6	10
	MINYA	1016.6	+0.9	N	4	14.7	26	-1	10	-2	68	0	0	7	—	0	0	16	—
	ASYÛT	1015.8	+0.7	NW	3	14.8	30	+1	12	0	68	+14	0	8	—	0	0	0	5
	QENA	1012.4	-1.7	W	4	20.2	36	+2	16	+2	61	+17	1	7	Ci	1	0	dr	—
	LUXOR	1012.6	—	NE	2	21.2	38	—	15	—	64	—	0	8	Ac	0	0	dr	—
	ASWÂN	1011.5	-2.5	N	4	23.0	39	+6	20	+4	44	+13	0	8	—	0	0	1	—
WESTERN DESERT	SÎWA	1020.4	+4.6	—	0	14.0	25	-2	6	-4	68	+7	0	6	—	0	0	28	7
	BAHARÎYA	1018.0	—	N	1	13.0	25	—	9	—	78	—	0	9	—	1	0	26	—
	KHÂRGA	1014.7	-0.2	N	6	17.8	32	+1	16	+3	82	+34	0	9	—	0	0	0	0
	DÂKHLA	1015.6	+0.3	NNE	1	17.4	29	-2	15	+3	56	+16	0	7	—	0	0	dr	—
RED SEA	TÛR	1012.2	-1.9	NW	5	18.8	27	+1	16	+2	56	-8	1	6	—	2	0	13	14
	HURGHÂDA	1011.9	-2.2	NNW	6	19.0	28	+1	18	+4	50	+1	2	2	—	3	0	dr	0
	QUSEIR	1011.2	-2.2	N	5	22.1	29	+3	20	+2	65	+24	0	7	—	0	0	1	7
	PORT SUDAN	1010.0	-2.0	NW	3	26.7	30	0	23	+3	48	-16	1	—	—	0	0	42	107
NORTH SUDAN	WÂDI HALFA	1012.8	-0.8	NNW	3	21.6	35	+1	18	+3	41	+11	0	8	—	0	—	—	—
	KAREIMA	1009.1	-2.7	NNE	1	26.0	37	0	21	+3	17	-4	2	8	Ci	1	0	dr	1
	'ATBARA																		
	KHARTÛM	1007.1	-2.1	NNE	3	26.0	39	0	20	0	19	+2	4	8	Cu,Ac	2	0	4	5
	KASSALA	1005.4	-3.2	E	1	28.6	38	-1	19	-1	46	+4	2	8	Ci	0	0	dr	11
CENTRAL SUDAN	WAD MEDANI	1007.0	-1.7	N	3	27.0	38	-2	21	+1	20	+1	2	—	—	1	0	56	13
	DUEIM	1007.4	-2.1	N	3	27.6	38	-1	22	+4	36	+18	0	—	—	1	0	21	12
	RENK																		
	ROSEIRES	1005.9	-2.1	NNW	2	24.6	41	+1	19	-1	32	+5	1	—	—	0	0	3	41
	EL OBEID	1007.3	-3.4	NNW	1	24.5	38	+1	20	+3	19	-4	4	8	Cu,As	2	0	31	21
	EL FÂSHER	—	—	NW	1	20.0	38	+1	14	-2	28	+7	0	—	—	0	0	0	8
S. SUDAN	MALAKÂL	—	—	W	1	28.4	40	+1	23	+1	41	+8	2	8	Cu,Ac	1	0	81	101
	WÂU	1010.4	+1.8	W	3	27.2	37	-1	25	+3	58	+1	2	—	—	2	0	202	175
	JÛBA	1006.4	-3.5	S	4	27.0	34	-2	25	+3	56	-13	3	8	Sc	1	0	174	176
	Geneina	—	—	ENE	2	17.9	39	—	20	—	20	—	2	8	Ci	0	0	—	—
	Gallabat	—	—	W	2	26.8	39	—	20	—	63	—	1	—	—	4	0	—	—

Upper Wind Observations on 28th ارصاد الرياح العليا يوم ٢٨

Height above M.S.L. metres	Salum 07 h.00 m. Dir. E.of N.	Kms. per hour	Matruh 07 h.00 m. Dir. E.of N.	Kms. per hour	Dikheila 07 h.15 m. Dir. E.of N.	Kms. per hour	Almaza 07 h.00 m. Dir. E.of N.	Kms. per hour	Cairo 08 h.15 m. Dir. E.of N.	Kms. per hour	Helwan 08 h.15 m. Dir. E.of N.	Kms. per hour	Asyut 07 h.00 m. Dir. E.of N.	Kms. per hour	Aswan 07 h.00 m. Dir. E.of N.	Kms. per hour	W. Halfa 06 h.00 m. Dir. E.of N.	Kms. per hour	Kareima 06 h.00 m. Dir. E.of N.	Kms. per hour	Khartum 05 h.00 m. Dir. E.of N.	Kms. per hour	Kassala 07 h.00 m. Dir. E.of N.	Kms. per hour	Geneina 07 h.00 m. Dir. E.of N.	Kms. per hour	El Obeid 06 h.00 m. Dir. E.of N.	Kms. per hour	Jeba 06 h.00 m. Dir. E.of N.	Kms. per hour
200	340	12	320	26	340	31	10	19	30	28	0	20	—	—	—	—	10	37	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	320	32	330	23	20	19	20	40	20	15	0	24	10	42	30	50	70	47	30	42	60	10	—	—	—	—	70	39
1000	350	24	320	26	340	16	20	26			20	17	350	31	10	36	30	47	70	48	30	35	60	24	60	50	30	53	70	45
1500	330	26	Ea	Sc	330	24	Ent	Sc			20	32	350	47	260	15	40	34	50	27	10	14	10	24	80	50	50	40	50	31
2000	30	18									10	25			330	27	70	24	30	27	0	18	10	18	100	26	50	18	350	21
3000	260	9																	10	21							270	11	320	37
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 28th

Light to moderate winds, northwesterly on the coast, northeasterly inland.

Clear or occasional medium cloud. Cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٨
رياح خفيفة والمعتدلة تكون شمالية غربية على
السواحل وشمالية شرقية في الداخل
السماء صحو أو تظهر بها بعض السحب المتوسطة
الارتفاع أحيانا
والطقس مائل للبرودة

STATION	Mean of day Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	64	-2	13.5	-0.1
Ezbekiya	69	+14	15.4	+1.3
Gîza	66	+10	15.2	+1.3
Helwân	58	+14	14.2	+2.2

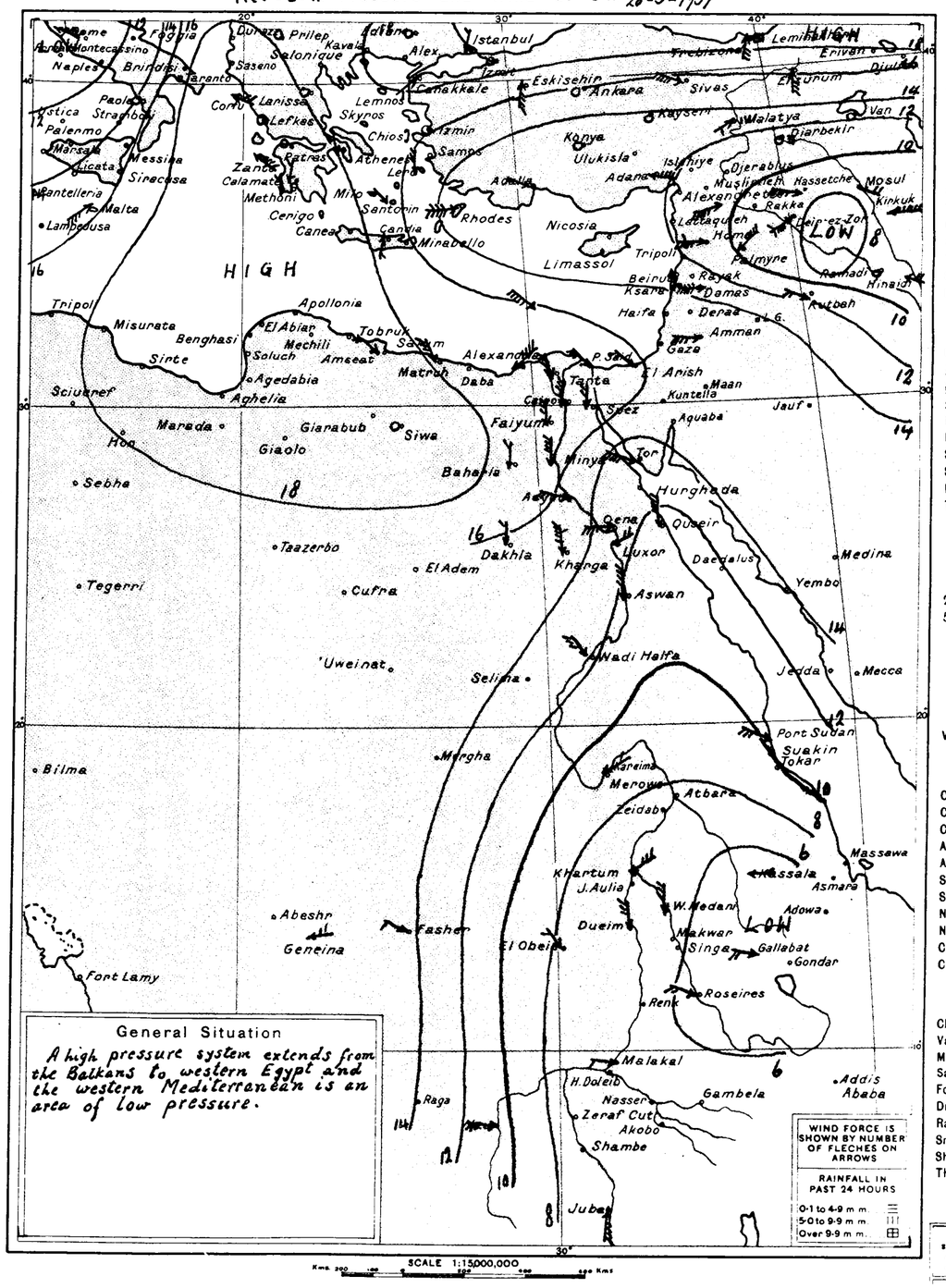
Gîza Grass minimum on 28th 5.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
28.3	833	857
27.3	857	858

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27.3	13.09	-0.18	13.10	-0.16
Nâsser	27.3	4.76	-0.30	4.76	-0.29
Malakâl	28.3	9.95	-0.16	9.96	-0.16
Roseires	28.3	11.60	+0.24	11.60	+0.24
Sennâr Res.	25.3	18.31	—	18.41	—
Khartûm	27.3	10.06	-0.14	10.08	-0.11
Kh. el Girba					
'Atbara	27.3	9.90	-0.06	9.90	-0.07
Kajnarti	27.3	134.94	-0.07	134.93	-0.14
Wâdi Halfa					
Aswân Res.	28.3	118.10	—	118.10	—
" D. S.	28.3	85.92	-0.12	85.56	-0.08
El Leisi	28.3	17.48	+0.41	17.48	+0.40
Rôda (Cairo)	28.3	16.61	+0.27	15.81	+0.28

Printed by the Survey of Egypt. 1936. (36/530)



STATION	At 8 h. on 27-3-1937 ١٩٣٧-٣-٢٧ الساعة ٨ يوم Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	معد
Lîmassol	1007	-7	ESE	1	14	—	—	—	—	—	—	4	—	—	—	0	—	415	ليماسول
Haifa	1010.6	-2.6	ESE	1	20.5	26	+3	15	+4	71	+10	0	—	—	—	0	345	624	حيفا
Gaza	1011.5	-2.5	—	0	18.9	26	+4	11	+1	82	+14	1	6	—	1	0	360	361	غزه

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

CAIRO
Time of sunrise h. m. 05 48
sunset h. m. 18 12

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ١٩٣٧-٣-٢٩

At 14h. on *28th* الساعة ١٤ يوم ٢٨ — At 8h. on *Monday 29th* الساعة ٨ يوم الاثنين ٢٩

No.	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	Bar. Pressure Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1019.8	NNW	5	15.9	53	0	8	1020.6	+3.7	WNW	2	11.6	17	—	7	—	80	—	0	6	—	0	0	105	—
131	MATRÛH	1018.2	NNW	3	17.8	65	2	6	1019.0	+3.3	N	3	13.4	18	-3	11	0	73	+2	3	6	Sc	1	0	143	155
150	DIKHEILA								1019.9	—	NNW	2	16.2	18	—	15	—	81	—	4	8	Sc	2	0	—	—
132	ALEXANDRIA	1017.2	NNW	5	19.3	50	3	9	1019.2	+4.0	NNE	2	15.6	21	-1	14	+1	68	-2	3	8	Ac	2	0	161	185
159	DAMIETTA								1018.3	—	NNW	1	17.2	23	—	12	—	77	—	2	—	Ac	1	0	63	109
134	PORT SAÏD	1016.2	NNW	4	20.9	53	0	7	1018.4	+4.5	NW	3	19.3	22	0	15	+1	57	-11	1	7	Cu	0	0	34	72
135	EL 'ARÎSH	1015.4	NNW	3	18.4	60	0	7	1018.0	—	WSW	1	17.5	19	—	11	—	68	—	2	6	Cu	1	0	—	—
136	LOWER EGYPT: DAMANHÛR								1019.2	+3.8	NNE	1	17.0	22	-4	11	+1	67	-7	3	7	Cc	1	0	68	103
137	MANSÛRA								1018.3	—	NNE	2	16.2	23	-3	10	0	69	-5	2	4	Cc	0	0	27	49
138	TANTA								1019.0	+2.5	NW	2	16.2	23	-3	10	-1	74	+2	4	6	Ci	2	0	33	38
139	ZAGÂZÎG								1019.9	—	NNW	1	16.8	23	-3	11	+2	64	-10	—	8	Cc	—	0	12	25
[illegible]	MIDDLE EGYPT: CAIRO ALMÂZA	1015.6	NW	2	21.0	59	0	9	1018.7	—	N	2	14.4	23	—	9	—	81	—	3	7	Sc	1	0	—	—
	CAIRO EZBEKÎYA	1015.2	NNE	1	23.8	43	0	8	1018.3	+3.5	NNE	4	15.6	24	-2	11	-1	68	-1	2	6	Sc	1	0	9	28
	CAIRO GÎZA	1015.2	N	3	22.0	43	0	7	1018.6	+3.2	N	2	14.2	23	-3	8	-1	74	+3	3	5	Sc	2	0	12	25
143	HELWÂN	1015.2	N	4	20.9	37	0	7	1018.8	+3.6	NNE	3	13.7	22	-4	10	-2	71	+12	0	6	Cu	0	0	14	29
144	SUEZ								1018.0	+2.8	—	0	15.0	24	-1	12	-2	68	-5	1	—	—	—	0	12	24
153	UPPER EGYPT: FAIYÛM	1015.6	NNE	3	22.0	35	0	8	1019.1	+3.4	NNE	2	15.2	23	-4	9	-2	65	+5	0	8	Cu	0	0	6	10
154	MINYA	1015.1	N	3	22.7	39	0	8	1018.4	+2.8	NNW	2	14.7	23	-5	11	-1	74	+6	0	8	—	0	0	16	—
155	ASYÛT	1013.8	NW	3	24.0	26	0	8	1017.9	+2.9	WSW	3	15.0	25	-4	10	-2	68	+15	0	8	—	0	0	0	5
156	QENA	1010.7	WNW	3	31.0	16	1	8	1015.2	+1.2	W	3	17.8	31	-3	12	-2	46	+2	0	8	—	0	0	dr	—
157	LUXOR	1011.2	NNW	5	29.2	38	0	8	1015.1	—	SSE	3	18.2	30	—	9	—	60	—	0	8	—	0	0	dr	—
158	ASWÂN	1009.8	N	4	31.0	18	0	8	1014.4	+0.5	N	4	19.5	33	0	16	0	43	+12	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1018.0	NNW	3	23.5	29	0	6	1020.8	+5.1	—	0	14.3	25	-2	6	-4	68	+8	0	6	—	0	0	28	7
149	BAHARÎYA	1016.0	NNW	3	22.3	51	0	9	1019.5	—	NE	2	13.2	24	—	7	—	78	—	0	9	—	0	0	26	—
151	KHÂRGA	1013.6	N	4	26.3	61	0	9	1017.1	+2.3	N	5	17.8	26	-5	14	+1	82	+35	0	9	—	0	0	0	0
152	DÂKHLA																							0		—
145	RED SEA: TÔR								1014.8	+0.8	NW	3	19.2	23	-3	17	+3	79	+15	0	6	—	2	0	13	14
146	HURGHÂDA								1015.5	+1.5	NNW	5	19.2	25	-2	18	+4	49	+1	0	6	—	3	0	dr	0
147	QUSEIR								1013.9	-0.6	N	4	22.1	25	-1	18	0	42	+1	0	7	—	0	0	1	7
169	PORT SUDAN	1007.4	NE	3	27.6	—	0	—																		
165	NORTH SUDAN: WÂDI HALFA	1011.1	NNE	3	32	—	0	8	1015.5	+2.0	NNW	4	19.0	33	-1	15	0	30	+1	2	8	Cs	1	—	—	—
166	KAREIMA	1007.7	N	4	37	—	3	8	1011.1	-0.6	N	2	25.1	37	0	21	+3	16	-4	2	8	Ci	1	0	dr	1
167	'ATBARA	1002.6	NW	3	37.0	—	1	—																		
168	KHARTÛM	1003.0	NNE	3	37	—	2	8	1008.7	-0.5	N	5	26.3	—	—	21	+1	24	+7	3	7	Ac	1	0	4	5
170	KASSALA	1000.3	NE	1	37	—	2	8	1006.8	-1.5	SE	1	24.2	37	-2	22	+2	67	+26	2	8	Ac,As	1	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI								1008.4	-0.2	N	3	28.8	39	-1	22	+2	22	+3	1	—	—	1	0	56	13
173	DUEIM	1003.2	N	3	37.0	—	1	—	1008.0	-1.4	N	4	27.2	38	-1	23	+5	46	+28	1	—	—	1	0	21	12
182	RENK									—					—				—							
172	ROSEIRES	1000.6	WNW	2	39.4	—	0	—	1006.2	-1.8	WNW	2	25.8	41	+1	17?	-3	17	-10	0	—	—	0	0	3	41
174	EL OBEID	1002.3	NE	2	37	—	4	8	1007.7	-3.0	N	2	26.5	39	+2	19	+2	33	+9	3	8	As,As	1	0	31	21
175	EL FÂSHER								—	—	NE	4	27.0	40	+3	20	+4	31	+10	2	—	—	0	0	0	8
176	S. SUDAN: MALAKÂL	—	WNW	1	38	—	2	8	—	—	SSW	1	30.3	40	+1	24	+2	18	-16	4	8	Ac	1	0	81	101
177	WÂU	1005.1	NE	3	38.7	—	1	—	1012.2	+3.6	NE	3	26.3	39	+1	25	+3	64	+6	4	—	—	2	0	202	176
178	JÛBA	1001.4	SW	4	30	—	3	8	1011.2	+1.3	W	3	22.2	39	+3	20	-2	91	+22	4	7	Cb	6	18	192	177
179	Geneina	—	E	1	35	—	3	8	—	—	ENE	1	20.3	37	—	14	—	25	—	3	8	Sc	0	0	—	—
180	Gallabat	—	N	3	37.2	—	1	—	—	—	E	2	29.4	38	—	20	—	37	—	0	—	—	0	0	—	—

Upper Wind Observations on *29th* ارصاد الرياح العليا يوم ٢٩

Height metres above M.S.L. — Dir. E. of N. / Kms. per hour

Height	Salum 07h.00m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Dikeila 07h.45m. Dir.	Kms	Almaza 07h.30m. Dir.	Kms	Cairo 08h.30m. Dir.	Kms	Helwan 08h.45m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	W. Halfa 06h.00m. Dir.	Kms	Kareima 06h.00m. Dir.	Kms	Khartum 06h.00m. Dir.	Kms	Kassala 06h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Juba 07h.00m. Dir.	Kms
200	290	12	350	7	340	25	0	16	—	—	20	18	—	—	—	—	20	18	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	340	20	340	28	350	15	30	18	20	28	350	38	0	37	30	40	40	51	50	56	70	14	—	—	—	—	140	64
1000	340	24	Ent	Sc	330	37	350	18	Ent	Sc	30	14	10	31	330	31	0	37	50	63	50	60	40	24	60	53	30	50	170	48
1500	220	6			350	14	0	30			20	37	0	32	290	44	10	21	40	51	30	53	0	21	80	53	50	40	150	27
2000	290	7					Ent	Sc			10	24			270	72	310	32	40	27	20	63	250	11	10	35	50	31	170	11
3000	340	11															300	34	10	34	20	74	230	27	90	14	30	27	330	53
4000																							240	8	0	10	290	21		
5000																							230	27						
6000																														

Forecast for 24 hours from noon on *29th*
Moderate to fresh northeasterly winds.
Clear or occasional medium cloud.
Mild.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٢٩
رياح ما بين المعتدلة والشديدة نوعا شمالية شرقية
السماء صحو أو ظاهر بها بعض السحاب المتوسط
درجة الحرارة معتدلة

STATION	Mean of day Humidity % on 28th	Diff. from normal	Wet bulb temp. °C on 28th	Diff. from normal
Alexandria	59	-7	20.9	+7.3
Ezbekîya	61	+6	14.0	-0.2
Gîza	62	+6	13.5	-0.4
Helwân	46	+2	12.0	0.0

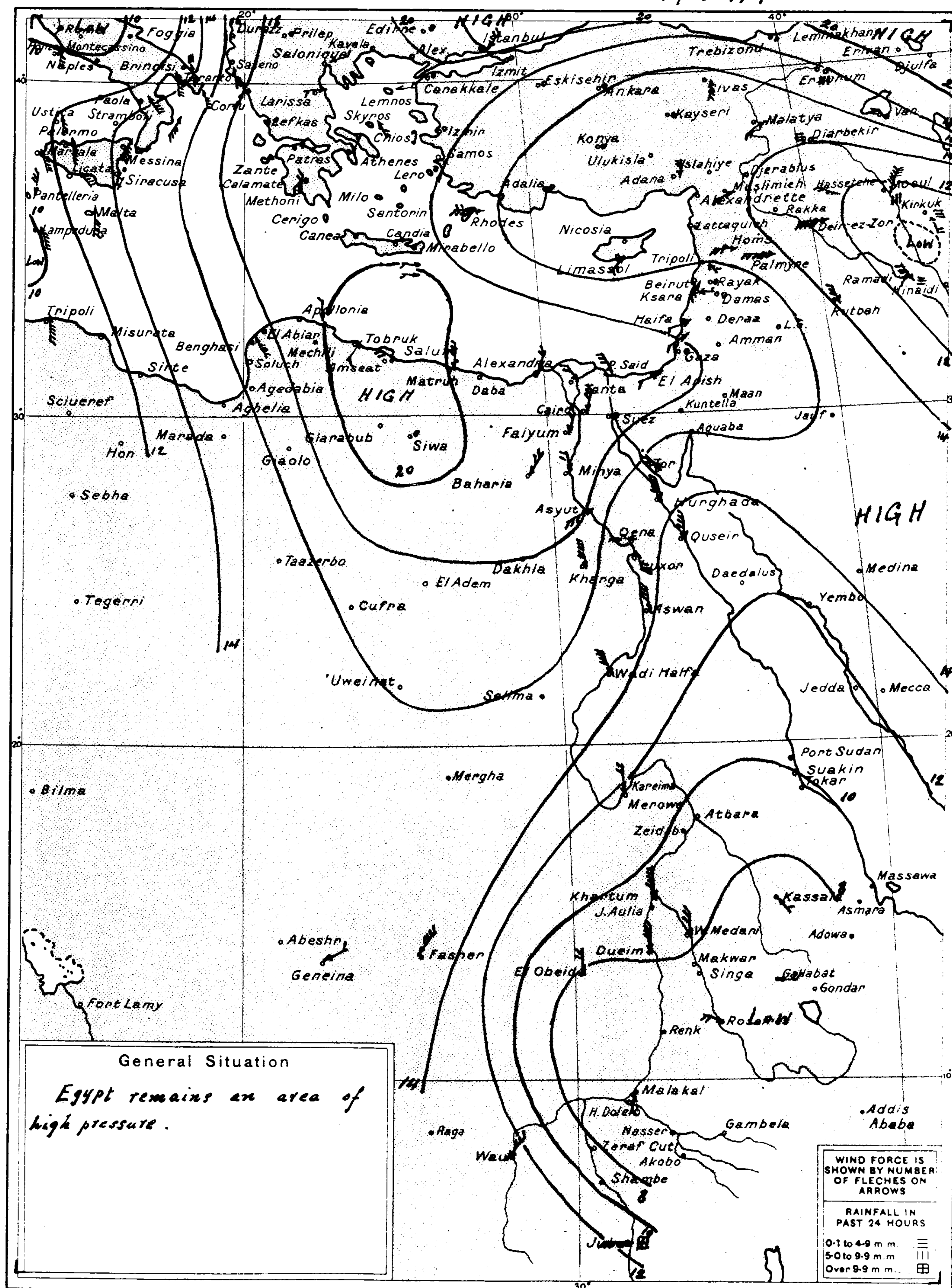
Gîza Grass minimum on 29th 4.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
29.3	832	856
28.3	833	857

GAUGE	Date 1937	Reading m.	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28.3	13.10	-0.17	13.09	-0.18
Nâsser ·X·	28.3	4.76	-0.32	4.76	-0.30
Malakâl	29.3	9.94	-0.17	9.95	-0.16
Roseires	29.3	11.60	+0.24	11.60	+0.24
Sennâr Res.	27.3	18.11	—	18.22	
Khartûm	28.3	10.06	-0.14	10.06	-0.14
Kh. el Girba					
'Atbara	28.3	9.89	-0.06	9.90	-0.06
Kajnarti	29.3	131.92	-0.08	131.94	-0.07
Wâdi Halfa					
Aswân Res.	29.3	118.06	—	118.10	—
,, D. S.	29.3	85.51	-0.12	85.52	-0.12
El Leisi	29.3	17.48	+0.42	17.48	+0.41
Rôda (Cairo)	29.3	15.82	+0.29	15.82	+0.29

Pressure and Wind at 8 h. *29-3-1937*



General Situation
Egypt remains an area of high pressure.

At 8 h. on *28-3-1937* الساعة ٨ يوم ٢٨-٣-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1012	-2	NNW	1	16	—	—	—	—	—	—	0	—	—	—	0	—	416	ليماسول
Haifa	1014.4	+1.2	SSE	1	20.0	26	+3	14	+3	56	-5	0	—	—	—	0	345	625	حيفا
Gaza	1015.5	+1.5	S	1	17.3	25	+8	12	+2	85	+17	0	9	—	0	0	360	362	غزة
Ships	23341	—	26006	—	24101	—	20950	—	60084	—	63000								سفن

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks
Nasser River Gauge reading for 26-2-37 published on 28-2-37 should read 5.31 instead of 5.33 m.

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad .... P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. m. 05 47
" sunset h. m. 18 13

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ١٩٣٧-٣-٣٠

At 14h. on *29th* — الساعة ١٤ يوم ٢٩ ; At 8h. on *Tuesday 30th* — الساعة ٨ يوم الثلاثاء ٣٠

	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1019.8	NE	2	16.7	63	1	7	1017.6	+0.7	S	2	15.0	18	—	9	—	58	—	0	7	—	0	0	105	—
131	MATRÛH	1018.4	NNW	1	16.9	73	0	6	1017.4	+1.8	S	1	14.8	18	-3	14	+2	82	+11	0	6	—	0	0	143	155
150	DIKHEILA														—		—		—							—
132	ALEXANDRIA	1018.2	NW	3	20.5	55	0	9	1017.5	+2.4	NNE	2	16.0	22	-1	14	0	77	+7	0	9	Cu	0	0	161	185
159	DAMIETTA								1016.4	—	NNW	2	19.1	24	—	10	—	70	—	2	—	Cc	1	0	63	110
134	PORT SAÎD	1017.5	NNW	3	21.0	54	0	7	1017.1	+3.3	NNW	3	19.6	23	+1	15	+1	61	-7	2	7	Cu	1	0	34	72
135	EL 'ARÎSH	1016.8	NNW	2	19.0	63	0	7	1016.6	—	—	0	19.0	20	—	9	—	60	—	2	6	Cu	2	0	—	—
136	LOWER EGYPT: DAMANHÛR								1017.8	+2.4	NNW	1	17.0	24	-2	9	-1	71	-2	0	6	Cb	1	0	68	104
7	MANSÛRA								1017.2	—	SW	1	15.5	25	-1	9	-1	78	+4	0	6	Ci	0	0	27	50
8	TANTA								1017.6	+1.2	—	0	14.0	27	+1	7	-4	95	+23	0	7	—	0	0	33	38
	ZAGÂZÎG								1017.8	—	NW	2	15.8	24	-2	10	0	80	+7	—	8	Cc	—	0	12	25
	MIDDLE EGYPT: CAIRO ALMÂZA	1017.1	NNE	2	22.3	34	0	9	1017.2	—	NNE	2	14.6	24	—	8	—	77	—	2	7	Sc	1	0	—	—
	CAIRO EZBEKÎYA	1016.6	NNE	1	24.1	43	0	8	1017.1	+2.4	NE	3	14.8	24	-2	11	-1	82	+13	2	5	Sc	1	0	9	29
	CAIRO GÎZA	1016.2	NNW	2	23.0	38	0	7	1017.1	+1.8	NNE	2	14.1	24	-2	9	0	90	+19	3	5	Sc	2	0	12	25
3	HELWÂN	1016.6	N	2	22.4	23	0	7	1017.6	+2.5	NNE	2	14.3	24	-2	11	-1	75	+16	1	5	Cu	0	0	14	30
144	SUEZ								1017.4	+2.2	N	2	16.0	26	0	12	-2	71	-2	4	—	—	—	0	12	24
153	UPPER EGYPT: FAIYÛM	1016.7	NNW	2	22.3	33	0	8	1017.5	+1.9	N	3	15.4	25	-3	10	-1	71	+11	2	8	Cu	1	0	6	10
154	MINYA	1015.2	N	3	24.0	42	0	9	1016.2	+0.7	N	2	15.7	24	-4	10	-2	76	+9	0	7	—	0	0	16	—
155	ASYÛT	1014.4	NW	3	25.6	27	0	8	1016.0	+1.1	WSW	3	16.0	28	-1	10	-2	59	+6	0	8	—	0	0	0	5
156	QENA	1012.4	WSW	1	30.2	23	0	9	1014.0	+0.1	WNW	2	17.7	32	-2	12	-2	47	+3	0	8	—	0	0	dr.	—
157	LUXOR	1012.6	NNE	2	29.8	15	0	8	1014.0	—	WSW	1	19.3	31	—	8	—	38	—	0	8	—	0	0	dr.	—
158	ASWÂN	1010.8	N	3	30.0	10	0	8	1013.4	-0.4	N	2	18.3	31	-2	12	-4	29	-2	2	8	Cs	1	0	1	—
148	WESTERN DESERT: SÎWA	1017.9	—	0	24.2	52	0	6	1016.3	+0.7	—	0	13.1	27	0	5	-5	58	-2	0	6	—	0	0	28	7
149	BAHARÎYA	1016.4	NE	3	23.7	50	0	9	1017.2	—	N	1	18.9	25	—	7	—	65	—	0	9	—	0	0	26	—
151	KHÂRGA	1014.3	N	2	26.6	64	0	9	1015.4	+0.7	N	1	17.2	27	-4	12	-1	88	+41	0	9	—	0	0	0	0
152	DÂKHLA	1015.4	NW	3	25.3	40	0	9	1016.3	+1.2	WNW	1	15.9	27	-4	8	-4	48	+9	0	7	—	0	0	dr.	—
145	RED SEA: TÔR								1013.5	-0.5	—	0	19.3	23	-3	11	-3	52	-12	0	6	—	0	0	13	14
146	HURGHÂDA								1013.5	-0.4	NNW	6	20.3	24	-3	14	0	37	-11	0	7	—	0	0	dr.	0
147	QUSEIR								1012.8	-0.4	NNW	4	22.3	25	-2	16	-2	48	+7	0	7	—	0	0	1	7
169	PORT SUDAN	1005.1	NNE	4	37.8	—	0	—																		
165	NORTH SUDAN: WÂDI HALFA	1012.3	N	5	29	—	2	7	1015.2	+1.8	NW	2	17.4	31	-3	13	-2	71	+42	1	8	Ci	0	—	—	—
166	KAREIMA	1008.0	NNE	3	37	—	2	8	1011.1	-0.6	NNE	2	24.9	38	0	20	+1	8	-12	3	8	Cs	1	0	dr.	1
167	'ATBARA	1001.8	—	0	32.4	—	2	—	1008.6	-1.8	E	2	27.0	38	+1	20	+1	36	+20	1	—	—	0	0	5	1
168	KHARTÛM	1004.6	N	4	37	—	3	6	1009.0	-0.1	NNE	3	24.9	38	-1	19	-1	16	-1	2	8	Cc, Ac	1	0	4	5
170	KASSALA	1000.6	N	3	38	—	2	8	1006.6	-1.6	NNE	4	27.0	39	0	23	+3	69	+28	2	8	Ac	1	0	dr.	11
171	CENTRAL SUDAN: WAD MEDANI	1004.6	NW	2	37.5	—	2	—	1008.0	-0.5	N	4	28.6	38	-2	23	+3	13	-6	0	—	—	0	0	56	13
173	DUEIM	1003.6	NW	3	37.2	—	0	—	1008.4	-0.9	N	4	28.0	39	-1	21	+2	11	-7	0	—	—	0	0	21	12
	RENK														—		—		—							
172	ROSEIRES	1002.8	WNW	3	41.0	—	0	—	1006.3	-1.7	WNW	2	27.8	40	0	18	-3	29	+2	0	—	—	0	0	3	41
174	EL OBEID	1000.3	NE	3	37	—	2	8	1009.3	-1.3	N	2	24.0	38	+1	19	+2	27	+3	0	8	Ci	1	0	31	21
175	EL FÂSHER								—	—	NNW	2	24.0	38	+1	17	+1	29	+8	0	—	—	0	0	0	8
176	S. SUDAN: MALAKÂL	—	N	1	39	—	4	8	—	—	WNW	1	28.5	39	0	22	-1	40	+5	0	8	Ac	2	0	81	101
177	WÂU	1007.2	SW	3	35.0	—	2	—	1011.6	+3.0	W	3	28.0	36	-2	24	+2	60	+1	1	—	—	—	0	202	176
178	JÛBA								1008.4	-1.6	SE	4	24.0	33	-3	22	0	83	+13	4	8	Sc, Cb	1	5	197	178
179	*Geneina*	—	SE	2	34	—	4	8	—	—	ENE	1	20.6	38	—	14	—	20	—	2	8	Ac	0	0	—	—
180	*Gallabat*	—	W	3	38.5	—	0	—	—	—	WSW	3	27.3	39	—	19	—	50	—	0	—	—	0	0	—	—

Upper Wind Observations on *30th* — ارصاد الرياح العليا يوم ٣٠

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms per hour	Matruh 07h.00m. Dir.	Matruh Kms	Almaza 07h.30m. Dir.	Almaza Kms	Cairo 08h.15m. Dir.	Cairo Kms	Helwan 08h.30m. Dir.	Helwan Kms	Asyut 07h.00m. Dir.	Asyut Kms	Aswan 07h.00m. Dir.	Aswan Kms	Wadi Halfa 06h.00m. Dir.	Wadi Halfa Kms	Kareima 06h.00m. Dir.	Kareima Kms	Khartum 06h.00m. Dir.	Khartum Kms	Kassala 07h.00m. Dir.	Kassala Kms	Obeid 06h.00m. Dir.	Obeid Kms	Geneina 07h.00m. Dir.	Geneina Kms	Juba 06h.00m. Dir.	Juba Kms	Salum 29th 13h.00m. Dir.	Salum 29th Kms
200	180	6	170	4	20	19	10	24	60	17	—	—	—	—	20	27	—	—	—	—	—	—	—	—	—	—	—	—	70	4
500	—	—	200	4	30	21	30	15	40	16	10	39	10	34	30	48	30	39	30	23	40	27	—	—	—	—	30	37	—	—
1000	50	2			350	39	Ent. Cu		0	42	350	45	10	19	20	27	10	27	30	24	40	31	30	72	70	51	30	21	0	12
1500	100	10			Ent. Sc.				10	36	340	33	330	19	330	21	350	37	20	32	10	53	50	43	80	56	280	21	310	10
2000	60	8							340	24			310	31	330	56	340	29	10	37	10	39	50	37	100	31	300	32	340	4
3000	300	25							320	33					320	47	320	21	330	24	260	14	80	8	130	18	310	34	270	7
4000	320	19							320	33																			240	7
5000	320	30																												
6000																														

Forecast for 24 hours from noon on *30th*

On the coast moderate northerly winds becoming light variable or southerly tomorrow.

Inland moderate north to northeast winds. Mainly clear. Slightly warmer tomorrow; temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٣٠
رياح شمالية معتدلة ثم تصير خفيفة ومختلفة الاتجاه او جنوبية باكر على الساحل
ورياح معتدلة بين شمالية وشمالية شرقية في الداخل
السماء صحو على العموم
ترتفع درجة الحرارة قليلا باكر وتكون حوالي المعدل.

Station	Mean of day Humidity % on 29th	Diff. from normal	Wet Bulb Temp. °C on 29th	Diff. from normal
Alexandria	70	+4	13.8	+0.1
Ezbekiya	61	+6	14.4	+0.1
Gîza	62	+6	13.6	-0.4
Helwân	50	+6	12.1	0.0

Gîza Grass minimum on *30th* 5.2 °C

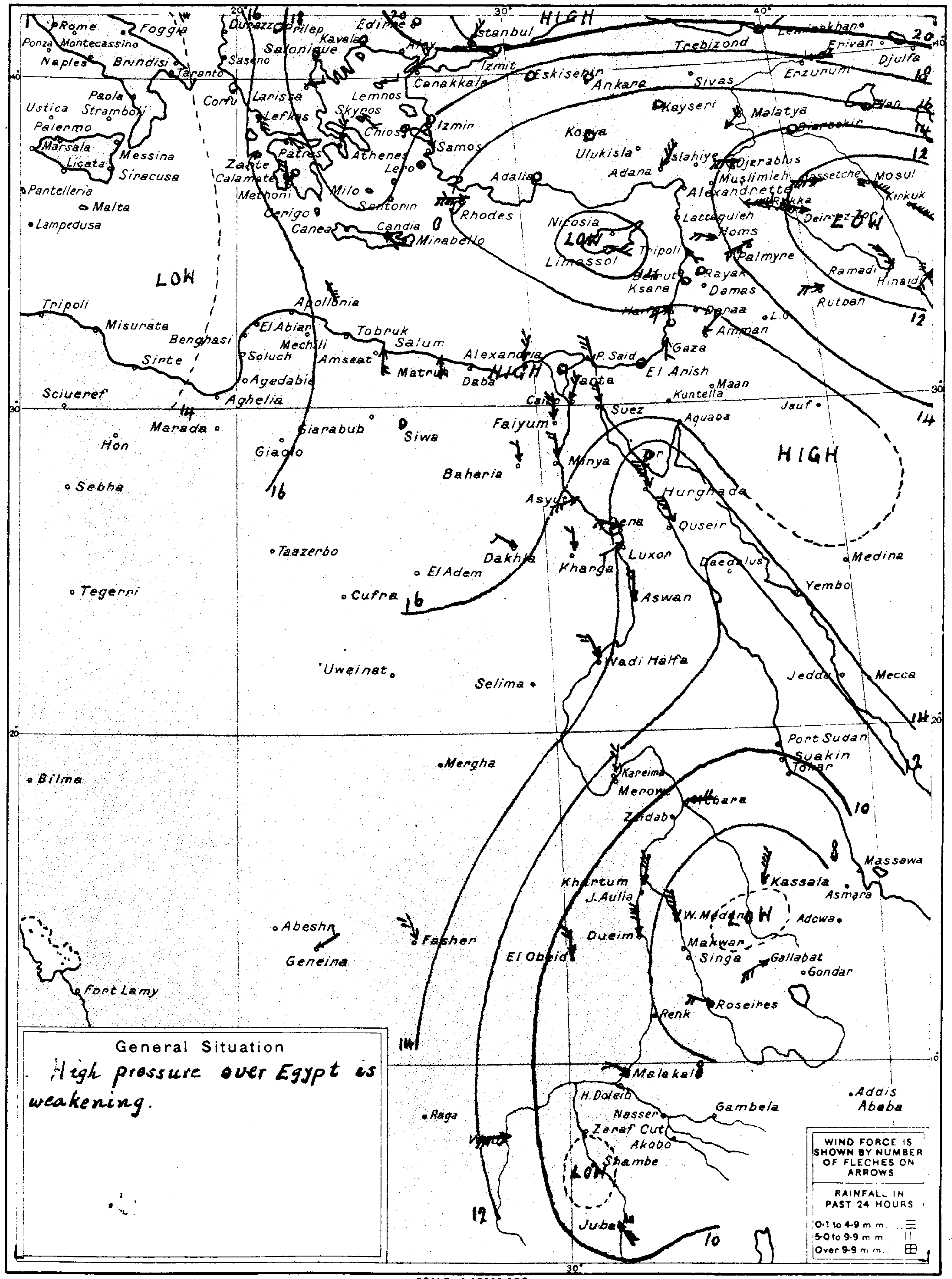
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
30-3	824	857
29-3	832	856

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29-3	13.11	-0.16	13.10	-0.17
Nâsser	29-3	4.76	-0.33	4.76	-0.32
Malakâl	30-3	9.93	-0.18	9.94	-0.17
Roseires	30-3	11.60	+0.24	11.60	+0.24
Sennâr Res.	29-3	17.88	—	18.00	—
Khartûm	29-3	10.03	-0.17	10.06	-0.14
Kh. el Girba					
'Atbara	29-3	9.88	-0.07	9.89	-0.06
Kajnarti	29-3	131.92	-0.08	131.94	-0.07
Wâdi Halfa					
Aswân Res.	30-3	118.02	—	118.06	—
,, D. S.	30-3	85.49	-0.14	85.61	-0.12
El Leisi	30-3	17.48	+0.42	17.48	+0.42
Rôda (Cairo)	30-3	15.79	+0.27	15.82	+0.29

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8 h. *30-3-1937*



General Situation

High pressure over Egypt is weakening.

At 8 h. on *29-3-1937* — الساعة ٨ يوم ١٩٣٧-٣-٢٩

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1015	+1	SSW	2	17	—	—	—	—	—	—	0	—	—	—	0	—	417	ليماسول
Haifa	1017.4	+4.3	WSW	1	19.3	22	-1	15	+4	75	+14	0	—	—	—	0	345	625	حيفا
Gaza	1017.8	+3.9	—	0	16.8	26	+3	11	+1	80	+12	0	9	—	0	0	360	363	غزة
Dakhla	1018.6	+3.4	—	0	15.9	25	-6	10	-2	54	+15	0	7	—	0	0	dr.	—	الداخلة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ...... P.T. 100
Abroad .... P.T. 150

CAIRO
Time of sunrise h. 5 m. 45
sunset h. 18 m. 13

Month *March* 1937 ١٩٣٧ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 30th — الساعة ١٤ يوم ٣٠ | At 8h. on *Wednesday 31st* — الساعة ٨ يوم الاربعاء ٣١

No.	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALŪM	1016.3	NE	2	19.2	51	0	8	1011.1	-5.8	ESE	3	16.3	21	—	15	—	48	—	1	6	Cu	1	0	105	—
131	MATRŪH	1016.0	NNE	3	17.9	73	0	6	1013.5	-2.1	ENE	2	15.9	18	-3	11	-1	64	-7	4	6	Sc	2	0	143	156
150	DIKHEILA								1014.8	—	SSE	3	13.0	19	—	9	—	96	—	3	5	Ac	4	0	—	—
132	ALEXANDRIA	1016.8	NW	2	21.0	58	0	9	1014.3	-0.8	SSE	2	13.8	22	-1	12	-2	95	+25	8	0	—	4	0	161	186
159	DAMIETTA								1014.3	—	NE	2	19.0	24	—	12	—	69	—	0	—	Ci	1	0	63	110
134	PORT SAʿĪD	1016.3	NNE	3	22.2	56	0	7	1014.7	+0.9	NE	2	19.0	23	+1	13	-1	68	0	1	7	Cc	0	0	34	73
135	EL ʿARĪSH	1015.1	NNW	3	18.8	64	0	7	1015.0	—	SSE	1	17.2	19	—	9	—	70	—	2	7	Cs	1	0	—	—
136	LOWER EGYPT: DAMANHŪR								1015.0	-0.3	NE	3	16.1	24	-2	7	-3	80	+8	2	4	Cc	4	0	68	104
137	MANSŪRA								1014.0	—	NNE	1	15.5	25	-1	8	-2	83	+9	2	4	Cc	0	0	27	50
138	TANTA								1014.7	-1.6	ENE	1	13.3	25	-2	7	-4	97	+25	4	6	Sc	2	0	33	38
139	ZAGĀZĪG								1014.8	—	ESE	5	15.8	24	-2	8	-2	83	+10	—	7	Cc	—	0	12	25
141	MIDDLE EGYPT: CAIRO ALMĀZA	1015.6	NW	2	22.6	33	0	9	1014.2	—	NE	2	17.1	24	—	8	—	55	—	1	8	Cs	1	0	—	—
	CAIRO EZBEKĪYA	1015.1	NE	1	24.2	43	0	8	1013.6	-1.0	NNE	3	17.6	25	-1	11	-1	68	-1	0	6	Cc	0	0	9	27
	CAIRO GĪZA	1014.8	NNE	2	23.3	42	0	7	1013.4	-1.9	NNW	1	16.4	25	-1	7	-2	67	-3	0	6	—	0	0	12	25
143	HELWĀN	1014.6	N	4	23.0	26	0	7	1013.3	-1.8	ENE	3	16.7	24	-2	11	-1	29	-29	0	6	Cc	0	0	14	30
144	SUEZ								1014.6	-0.6	N	1	17.0	25	-1	12	-2	56	-17	0	—	—	—	0	12	25
153	UPPER EGYPT: FAIYŪM	1015.2	NNW	3	23.7	31	0	8	1013.9	-1.6	N	1	15.1	25	-3	10	-1	59	-1	0	7	—	0	0	6	10
154	MINYA	1014.0	NNE	2	24.3	32	0	8	1013.3	-2.1	NNW	1	15.0	25	-3	9	-3	72	+5	0	9	—	0	0	16	—
155	ASYŪT	1013.1	NW	3	25.8	25	0	8	1013.1	-1.7	SW	3	16.5	28	-1	10	-2	56	+4	0	8	—	0	0	0	5
156	QENA	1010.8	W	1	30.0	19	1	9	1012.2	-1.7	W	1	16.5	32	-2	11	-3	49	+6	3	7	Cu	1	0	dr	—
157	LUXOR	1011.2	WNW	4	29.1	19	1	8	1012.2	—	ENE	1	18.1	31	—	9	—	46	—	3	7	Sc	2	0	dr	—
158	ASWĀN	1010.2	W	2	29.2	10	2	8	1011.2	-2.5	N	1	17.6	31	-2	14	-2	30	-1	3	8	Ac	2	0	1	—
148	WESTERN DESERT: SĪWA	1015.5	—	0	27.2	32	0	6	1011.8	-3.8	—	0	14.1	28	0	10	0	60	0	2	6	Cu	1	0	28	7
149	BAHARĪYA	1015.5	N	2	25.3	45	0	9	1013.1	—	ENE	2	18.4	27	—	8	—	65	—	0	7	—	0	0	26	—
151	KHĀRGA	1013.8	N	2	27.0	15	0	9	1013.0	-1.6	N	2	16.4	27	-4	12	-1	54	+7	2	9	—	0	0	0	0
152	DĀKHLA	1013.3	NNW	3	27.2	43	0	9	1013.3	-1.7	—	0	14.8	28	-4	10	-2	29	-10	0	7	—	0	0	dr	—
145	RED SEA: TŌR								1011.5	-2.4	—	0	18.2	25	-1	11	-3	27	-37	0	6	—	1	0	13	14
146	HURGHĀDA								1012.4	-1.4	NW	4	20.3	25	-2	13	-1	36	-12	0	8	—	0	0	dr	0
147	QUSEIR								1011.6	-1.6	NNW	3	21.8	25	-2	18	0	47	+6	0	7	—	0	0	1	7
164	PORT SUDAN																									
165	NORTH SUDAN: WĀDI HALFA								1013.3	0.0	N	1	16.5	29	-5	13	-2	37	+8	3	8	As,Ci	2	—	—	—
166	KAREIMA								1010.9	-0.6	NNE	1	22.5	36	-2	18	-1	11	-9	0	8	Cc	0	0	dr	1
167	ʿATBARA																									
168	KHARTŪM								1007.5	-1.5	N	3	23.3	39	0	17	-3	25	[redacted]	[redacted]	8	—	0	0	4	5
170	KASSALA								1006.7	-1.4	NNE	1	23.8	37	-2	15	-6	53	[redacted]	[redacted]	8	Ci	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI								1008.0	-0.4	N	4	27.4	39	-1	19	-1	8	[redacted]	[redacted]	[redacted]	[redacted]	0	0	56	13
173	DUEIM								1007.6	-1.6	NW	4	27.0	39	-1	18	-1	11	[redacted]	[redacted]	[redacted]	[redacted]	0	0	21	12
	RENK									—							—									
172	ROSEIRES																									
174	EL OBEID								1008.5	-2.0	NNE	2	23.8	37	0	17	-1	33	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	21
175	EL FĀSHER								—	—	NNE	3	25.0	39	+2	18	+1	28	+1	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
176	S. SUDAN: MALAKĀL								—	—	NE	5	29.0	40	+1	24	+1	5	-31	3	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
177	WĀU								1009.5	+0.7	WNW	3	28.2	39	+1	20	-2	53	-6	1	—	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
178	JŪBA								1007.5	-2.5	SE	4	25.0	35	-1	25	+3	84	+14	4	9	Cb	[redacted]	[redacted]	[redacted]	[redacted]
179	Geneina								—	—	E	1	20.2	37	—	18	—	18	—	3	8	Nb	0	[redacted]	[redacted]	[redacted]
180	Gallabat								—	—	N	2	28.8	38	—	22	—	46	—	0	—	—	0	[redacted]	[redacted]	[redacted]

Upper Wind Observations on 31st — يوم ٣١

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms per hour	Matruh 07h.00m. Dir.	Matruh Kms	Dikheila 07h.45m. Dir.	Dikheila Kms	Almaza 07h.30m. Dir.	Almaza Kms	Cairo 08h.15m. Dir.	Cairo Kms	Helwan 08h.30m. Dir.	Helwan Kms	Asyut 07h.00m. Dir.	Asyut Kms	Aswan 07h.00m. Dir.	Aswan Kms	W. Halfa 06h.00m. Dir.	W. Halfa Kms	Kareima 06h.00m. Dir.	Kareima Kms	Khartum 04h.00m. Dir.	Khartum Kms	Kassala …
200	140	14	140	37	120	24	70	20	70	23	60	23	—	—	—	—	[redacted]						
500	—	—	140	26	120	23	90	24	70	30	70	22	30	22	[redacted]							30	34
1000	180	42	170	23	120	28			70	30	60	[redacted]						33	30	60	30	40	
1500	180	47	200	10	120	17			70	29	50	[redacted]			26	80	33	30	47	330	3		
2000	180	30	300	10	30	6			20	17	30	[redacted]	10	31	80	47	10	11	26	[redacted]			
3000	210	30	300	18	330	42					330	[redacted]			310	[redacted]							
4000																							
5000																							
6000																							

Forecast for 24 hours from noon on 31st

On the coast light southeast winds, becoming fresh to strong.
Inland moderate northeast winds, veering to southeast and strengthening.
Clear at first, high cloud later, increasing. Warmer. Khamsin conditions tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٣١
رياح خفيفة جنوبية شرقية على الساحل تصير نسبية تشتد فيما بعد
ورياح معتدلة شمالية شرقية تتحول الى الجنوب الشرقي
وتزداد قوة في الداخل
السماء صحو اولا ثم غيوم سحاب عالي
درجة الحرارة آخذة في الازدياد والطقس خماسيني

STATION	Mean … on 30th			
Alexandria	73	[redacted]		
Ezbekiya	65	+? [redacted]		
Giza	66	+11	[redacted]	+0.3
Helwân	52	+8	12.8	+0.7

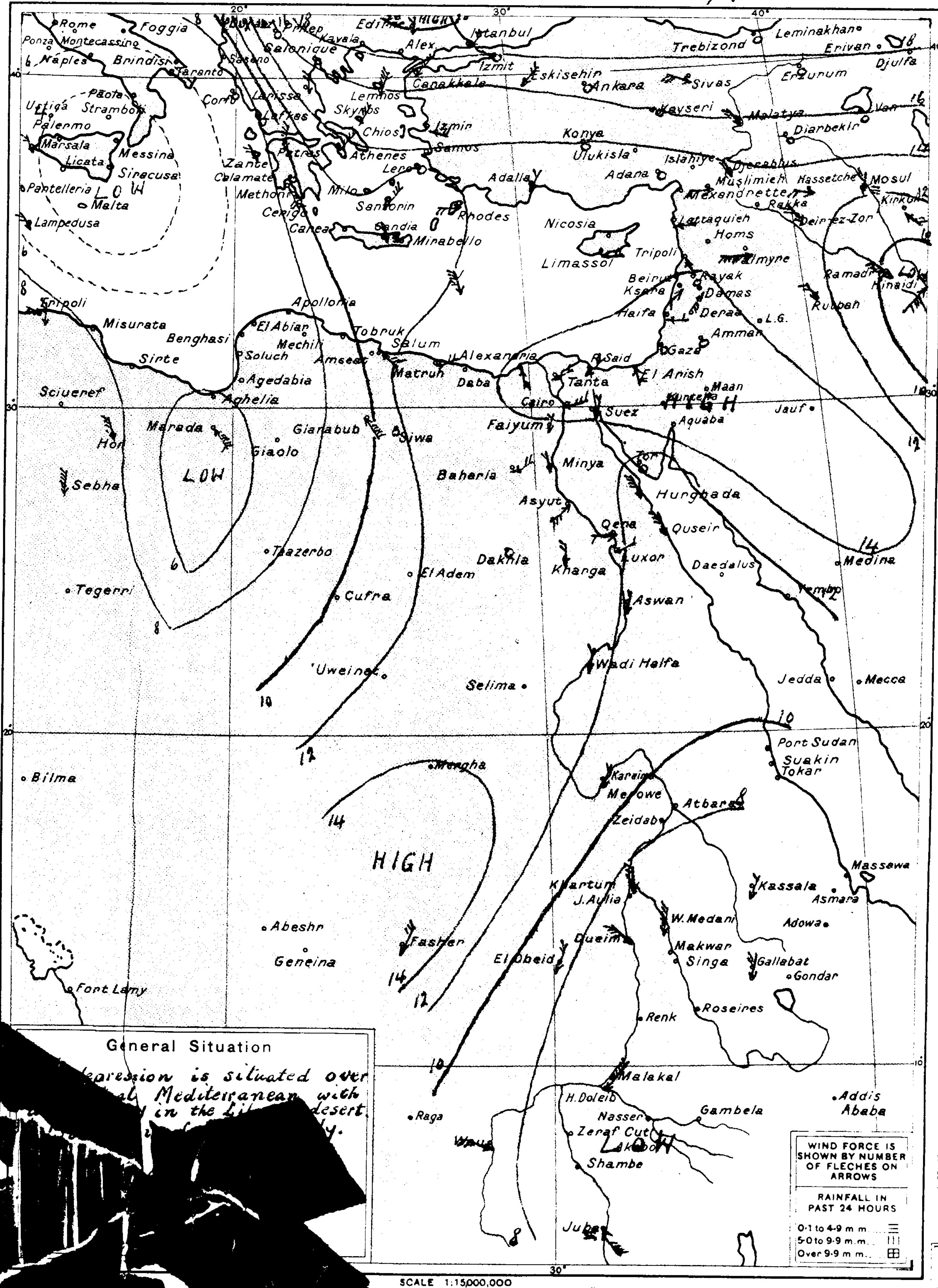
Gîza — Grass minimum on 31st: +0 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
31.3	811	857
30.3	824	857

Station	Date	m.		m.	
[redacted]	[redacted]	13.13	+0.14	13.11	-0.16
Malakâl	30.3	4.76	-0.34	9.76	-0.33
Roseires	31.3	9.92	+0.18	9.93	+0.18
Sennâr Res.	31.3	11.61	+0.26	11.60	+0.24
Khartûm	30.3	17.76	—	17.08	—
Kh. el Grba	30.3	10.03	-0.11	10.03	-0.17
ʿAtbara					
Kajnarti	31.3	9.86	-0.07	9.88	-0.07
Wâdi Halfa	31.3	131.88	-0.10	131.88	-0.11
Aswân Res.					
,, D. S.	31.3	117.97	—	118.02	—
El Leisi	31.3	85.46	-0.11	85.49	+0.14
Rôda (Cairo)	31.3	17.46	+0.45	17.46	+0.42
	31.3	15.77	+0.20	15.79	+0.22

Pressure and Wind at 8h. *31-3-1937* — ١٩٣٧-٣-٣١



General Situation

[redacted] *depression is situated over* [redacted]*al Mediterranean with* [redacted] *in the Li*[redacted] *desert.* [redacted]*i*[redacted]*y.*

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 30-3 — الساعة ٨ يوم ٣٠-٣-١٩٣٧

Station	Pressure M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1013	-1	ESE	2	17	—	—	—	—	—	—	0	—	—	—	0	—	415	ليماسول
Haifa	1016.2	+3.1	WSW	1	18.3	22	-1	13	+2	59	-2	0	—	—	—	0	345	626	حيفا
Gaza	1016.8	+3.0	S	1	16.2	23	0	8	-3	78	+11	0	9	—	0	0	360	364	غزة
Ships	33282	—	33306 — 30600			—	14953		—	61700		—	53000						سفن

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. m. 05 44
sunset h. m. 18 14

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٧-٤-١ Pressure and Wind at 8 h. 1-4-1937

1417 F.C.

At 14h. on 31st — الساعة ١٤ يوم ٣١ — At 8h. on Thursday 1st — الساعة ٨ يوم ١

STATION	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
SALUM	1009.0	SSE	4	25.6	20	6	3	1000.7	-16.2	SSE	3	22.9	26	—	16	—	22	—	4	5	Ac	3	0	105	—
MATRÛH	1009.9	E	4	20.8	67	4	6	1003.4	-12.1	E	3	20.6	28	+7	10	-2	32	-39	4	6	Sc	2	0	143	156
DEKHEILA	1012.0	E	3	25.6	15	2	—	1009.5	—	ESE	4	17.0	26	—	12	—	71	—	4	8	As	2	0	—	—
ALEXANDRIA	1011.5	SSE	2	25.8	29	5	8	1007.0	-5.0	SE	5	17.0	27	+4	13	-1	60	-9	4	6	As	2	0	161	186
DAMIETTA								1010.0	—	S	3	20.5	25	—	16	—	69	—	0	—	—	0	0	63	110
PORT SAÏD	1013.3	NE	3	21.6	66	1	7	1011.0	-2.7	SE	5	20.0	23	+1	17	+3	77	+9	0	8	—	0	0	34	75
EL ARÎSH	1020.0	N	2	20.0	70	0	7	1011.2	—	—	0	18.6	23	—	9	—	70	—	0	7	—	0	0	—	—
DAMANHÛR								1009.4	-5.9	SE	3	17.9	27	+1	13	+3	57	-15	4	8	As	1	0	68	104
MANSÛRA								1009.4	—	E	2	18.8	28	+2	13	+3	56	-18	0	7	—	0	0	27	50
TANTA								1009.4	-6.9	E	2	18.0	27	0	12	+1	59	-12	0	7	—	0	0	33	38
ZAGÂZIG								1009.9	—	ESE	3	18.8	26	0	11	+1	50	-23	—	8	Cs	—	0	12	25
[illegible]ÂZA	1010.7	ENE	4	26.2	14	1	3	1009.3	—	—	0	20.1	28	—	12	—	40	—	6	5	—	1	0	—	—
[illegible]EKÎYA	1010.2	NE	3	28.1	19	3	8	1008.8	-5.8	—	0	19.4	28	+2	12	0	45	-23	6	5	—	0	0	9	29
[illegible]	1009.8	E	1	27.8	18	2	6	1008.8	[illegible]	[illegible]	1	17.2	28	+2	9	0	57	-13	0	5	—	0	0	12	25
[illegible]	1010.0	ENE	5	28.1	5	1	8	1009[illegible]	[illegible]	[illegible]	1	19.1	29	+3	17	+4	31	-26	6	5	—	0	0	14	30
[illegible]								[illegible]	[illegible]	[illegible]	[illegible]	24.0	29	+3	14	0	33	-40	0	—	—	—	0	12	25
FAIYÛM	1010.3	NNE	3	28.3	13	1	[illegible]	—	—	—	0	19.7	30	+2	11	0	28	-32	3	6	Cs	1	0	6	10
MINYA	1009.8	E	1	28.5	27	[illegible]	[illegible]	[illegible]	[illegible]	NE	1	20.0	29	+1	14	+2	34	-33	0	8	—	1	0	16	—
ASYÛT	1009.6	W	2	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-5.1	ESE	3	21.0	30	0	13	0	43	-9	0	8	—	0	0	0	5
QENA	1010.3	WNW	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-3.0	E	2	20.0	31	-3	10	-4	32	-11	0	7	—	0	0	dr.	—
LUXOR	1009.8	NNW	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	NNW	1	19.8	31	—	9	—	50	—	0	7	As	1	0	dr.	—
[illegible]	1007.8	N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1007.8	-3.8	—	0	19.0	32	-1	14	-2	38	+7	3	8	Ac	2	0	1	
[illegible]	1007.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1003.1	-12.4	—	0	20.9	32	+4	12	+2	62	+2	0	6	Cu	2	0	28	7
[illegible]	1009.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	1007.9	—	S	3	24.3	30	—	14	—	40	—	0	7	—	0	0	26	—
[illegible]	100[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	9	1008.7	-5.9	—	0	20.3	29	-2	12	-1	33	-14	0	9	—	0	0	0	0
D[illegible]	100[illegible]	[illegible]	[illegible]	[illegible]4	7	0	8																		—
TÔR								1009.5	-4.3	N	2	20.2	25	-1	12	-2	24	-40	0	6	—	0	0	13	14
HURGHÂDA								1009.8	-4.0	SW	2	23.5	28	+1	12	-2	23	-25	0	7	—	1	0	dr.	0
QUSEIR								1010.0	-3.1	WNW	1	23.1	27	0	17	-1	39	-2	0	7	—	0	0	1	7
PORT SUDAN	1007.2	NE	3	27.5	—	1	—	1009.6	-2.2	N	3	24.8	28	-4	19	-1	56	-7	2	—	—	0	0	42	107
WÂDI HALFA	1010.4	NNE	3	[illegible]	—	2	8	1010.8	-2.4	N	1	15.8	29	-5	11	-4	32	+44	3	8	Ci,As	2	—	—	—
KAREIMA	1007.3	NNE	3	[illegible]	—	1	8	1008.7	-2.8	—	0	22.0	33	-5	15	-4	19	-1	2	8	Ac	1	0	dr.	1
ATBARA	1002.6	NNE	3	33.0	—	0	1	1007.5	-2.7	NNE	2	25.0	33	-5	18	-1	22	+7	1	—	—	0	0	5	1
KHARTÛM	1003.9	N	3	36	—	0	7	1006.6	-2.4	NNE	3	21.2	37	-3	15	-5	27	+10	0	8	Cs,Ac	1	0	4	5
KASSALA	1000.2	S	1	36	—	0	8	1005.3	-2.8	NE	1	23.8	37	-3	15	-6	53	+13	1	8	Ci	0	0	dr.	11
WAD MEDANI	996.3	NNW	2	36.1	—	0	—	1007.6	-0.8	N	3	22.9	37	-3	14	-6	9	-10	0	—	—	0	0	56	13
DUEIM	1002.4	N	3	35.6	—	0	—	1008.7	-0.5	NW	4	25.4	37	-3	16	-3	5	-12	0	—	—	0	0	21	13
RENK																									
ROSEIRES	1000.8	NNW	2	38.8	—	0	—	1003.9	-4.0	NNW	2	24.7	40	0	16	-5	57	-1	0	—	—	0	0	3	41
EL OBEID	1002.5	NE	4	36	—	0	8	1007.6	-2.9	N	2	21.8	37	0	17	-1	43	+19	1	8	Ci	0	0	31	21
EL FÂSHER	1009.4	NNE	1	37.0	—	0	—	—	—	WNW	1	21.9	38	+1	13	-4	30	+10	0	—	—	—	0	.	8
MALAKÂL	—	NNE	3	40	—	3	8	—	—	E	2	26.0	40	+1	21	-2	8	-29	4	8	Cs	1	0	81	102
WAU	1004.6	NE	3	40.0	—	1	—	1005.1	-3.5	W	3	26.7	40	+2	24	+2	58	-2	3	—	—	1	0	202	178
JUBA	1002.9	SSE	4	33	—	4	8																		
Geneina	—	—	0	36	—	3	8	—	—	NE	1	19.6	38	—	16	—	25	—	3	8	Cs	0	0	[illegible]	[illegible]
Gallabat	—	NNW	3	37.0	—	0	—	—	—	NE	3	28.0	38	—	19	—	57	—	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Upper Wind Observations on 1st

Height			Matruh 07h.00m. Dir. E.of N.	Kms. per hour	Dikheila 07h.15m. Dir. E.of N.	Kms. per hour	Almaza 07h.30m. Dir. E.of N.	Kms. per hour	[redacted]
[illegible]	20	33	140	44	120	60	90	3	[redacted]
[illegible]	—	—	170	90	150	29	170	6	[redacted]
1000	240	51			190	35	200	13	[redacted] 170 26 60 29 50 40 20 34 40 18 20 47 70 48 — 180 31
1500	240	57			180	32	210	16	190 14 200 18 120 11 60 30 60 32 350 11 50 16 20 24 70 43 — 180 21
2000	[illegible]				170	25	120	4	190 8 160 10 90 19 30 34 50 47 [illegible] 240 [illegible] 300 18 120 19 — 190 19
3000					210	25	10	21	300 2 20 2 — 40 47 280 .8 [illegible] 260 31 150 21 — 210 [illegible]
4000					260	54			280 47 — 230 11
5000									
6000									

[redacted] 90 8 — — — — — — 150 34

Forecast for 24 hours from noon on 1st
On the coast fresh to strong southerly winds.
Inland moderate southeast winds, freshening.
High cloud increasing.
Remaining warm. Khamsin conditions.

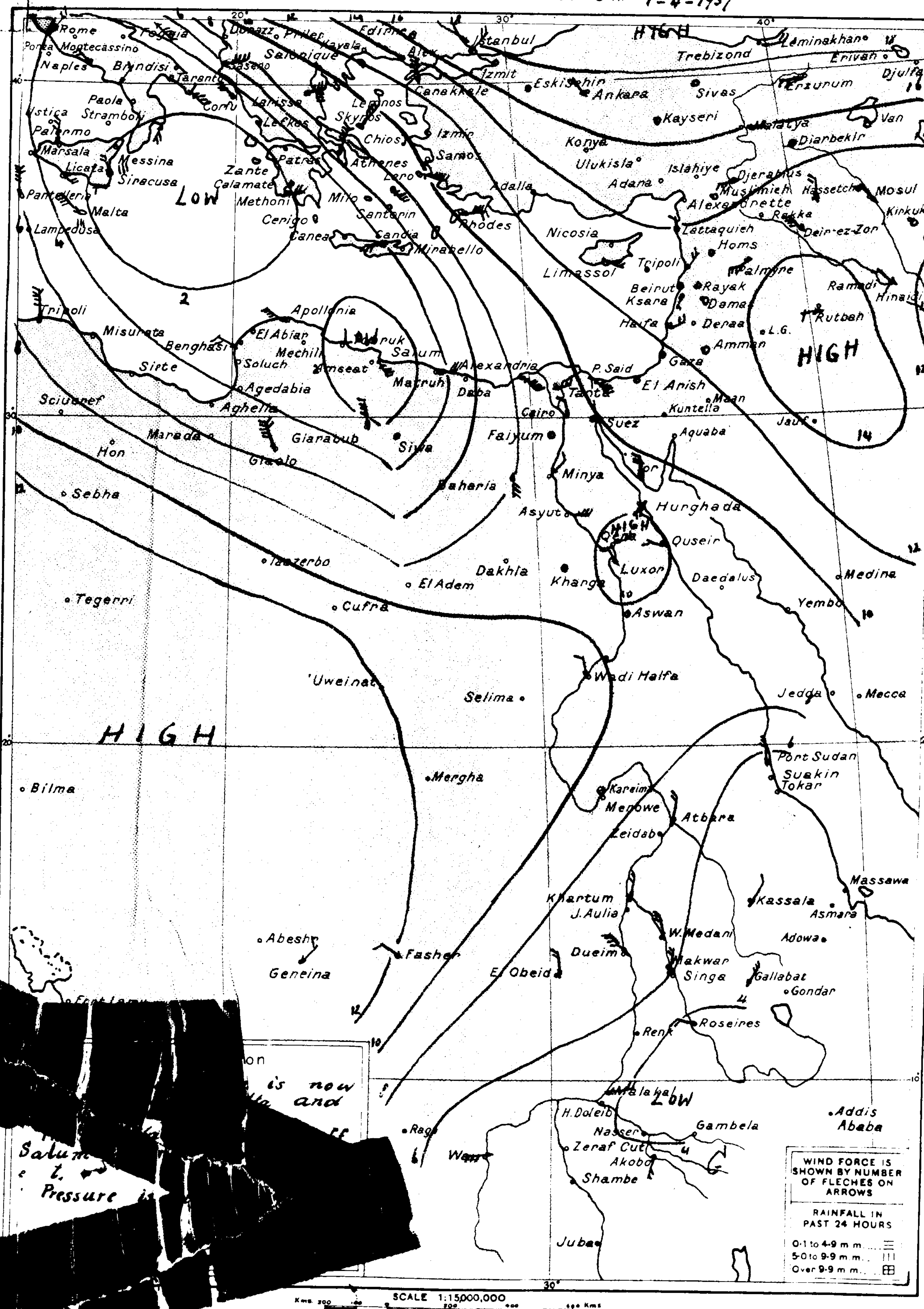
تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر أول أبريل
رياح جنوبية بين المعتدلة و الشديدة على السواحل
رياح جنوبية شرقية تشتد نوعا فيما بعد في الداخل
تكاثر السحاب العالي
يستمر الطقس حارا و خمسينا

STATION	on 31st	from normal	[redacted]	
Alexandria	[redacted]			-0.34
[redacted]			9.92	-0.18
[redacted]				+0.26
[redacted]				[illegible].18
Kh. el Girba	[redacted]			
Atbara	313	[redacted]		-0.09
Kajnarti	313	131.[illegible]	[redacted]	-0.11
Wâdi Halfa				
Aswân Res.	1-4	117.94	—	[redacted]
D. S.	1-4	85.35	-0.27	[redacted]

Discharge at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
1-4	753	813

[redacted] ...on ... is now ... and ... Salum ... e L. ... Pressure is [redacted]



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME (LONG. 30° E) AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 31-3-1937 — الساعة ٨ يوم ٣١-٣-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1012	2	E	2	17	—	—	—	—	—	—	0	—	—	—	0	—	420	ليماسول
Haifa	1014.6	+4.0	ESE	1	17.[illegible]	21	-5	13	+2	75	+14	0	—	—	—	0	345	627	حيفا
Gaza	1015.0	+4.2	—	0	16.[illegible]	24	+1	9	-2	82	+15	0	9	—	0	0	360	364	غزة

Remarks

CAIRO

Time of sunrise h. m. 05 42
sunset h. m. 18 14

Month *April* 1937 ١٩٣٧ شهر أبريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٧-٤-٢ Pressure and Wind at 8 h. *2. 4. 1937.*

1417 F.C.

At 14 h. on 1st — الساعة ١٤ يوم

No.	Region	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	Mediterranean	SALÛM	1001.3	NW	5	24.5	38	4	6
131	Mediterranean	MATRÛH	1000.2	S	5	32.0	23	7	9
150	Mediterranean	DIKHEILA	1006.3	SE	5	31.2	37	4	5
132	Mediterranean	ALEXANDRIA	1005.5	SE	4	29.0	36	6	6
159	Mediterranean	DAMIETTA							
134	Mediterranean	PORT SAÏD	1009.3	SE	5	22.4	51	0	7
135	Mediterranean	EL 'ARÎSH	1008.7	ENE	4	23.0	47	0	6
136	Lower Egypt	DAMANHÛR							
137	Lower Egypt	MANSÛRA							
138	Lower Egypt	TANTA							
139	Lower Egypt	ZAGÂZÎG							
141	Middle Egypt	CAIRO ALMÂZA	1007.0	S	2	34.7	11	1	7
	Middle Egypt	CAIRO EZBEKÎYA	1006.3	SSE	2	32.7	14	3	7
	Middle Egypt	CAIRO GÎZA							
143	Middle Egypt	HELWÂN	1006.2	SSW	2	32.4	7	2	6
144	Middle Egypt	SUEZ							
153	Upper Egypt	FAIYÛM	1006.4	SSE	1	33.5	16	4	6
154	Upper Egypt	MINYA	1006.6	SW	3	33.3	21	0	6
155	Upper Egypt	ASYÛT	1006.4	ESE	2	32.6	24	0	8
156	Upper Egypt	QENA	1007.4	ESE	1	34.0	21	0	8
157	Upper Egypt	LUXOR	1006.6	WSW	1	34.1	20	1	8
158	Upper Egypt	ASWÂN	1004.4	SE	1	37.2	17	3	8
148	Western Desert	SÎWA	1098.3	SSE	3	35.9	28	7	3
149	Western Desert	BAHARÎYA	1003.5	S	5	36.8	37	1	5
151	Western Desert	KHÂRGA	1000.0	SW	1	34.2	15	0	9
152	Western Desert	DÂKHLA	1004.3	SSE	3	36.7	12	0	7
145	Red Sea	TÔR							
146	Red Sea	HURGHÂDA							
147	Red Sea	QUSEIR							
169	Red Sea	PORT SUDAN							
165	North Sudan	WÂDI HALFA	1007.6	ESE	2	32	—	4	8
166	North Sudan	KAREIMA							
167	North Sudan	'ATBARA	1003.9	NNW	2	—	—	—	—
168	North Sudan	KHARTÛM	1000.2	N	3	38	—	0	7
170	North Sudan	KASSALA	1098.2	—	0	37	—	0	8
171	Central Sudan	WAD MEDANI	1000.0	NE	1	36.8	—	0	—
173	Central Sudan	DUEIM	1004.0	N	3	35.2	—	0	—
182	Central Sudan	RENK							
172	Central Sudan	ROSEIRES	1009.4	WNW	2	40.3	—	0	—
174	Central Sudan	EL OBEID	1001.5	NNE	2	35	—	2	8
175	Central Sudan	EL FÂSHER	—	SW	1	36.0	—	0	—
176	S. Sudan	MALAKÂL	—	S	1	38	—	3	8
177	S. Sudan	WÂU	—	E	3	38.8	—	3	—
178	S. Sudan	JÛBA	1001.3	S	3	36	—	4	8
179		Geneina	—	W	3	36	—	4	8
180		Gallabat	—	NW	3	37.5	—	0	—

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

No.	Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	1008.0	-8.9	W	5	13.2	28	—	11	—	78	—	2	6	Cu	1	0	105	—
131	MATRÛH	1006.7	-8.8	W	5	—	32	+10	16	+4	—	—	4	3	Sc	3	0	143	156
150	DIKHEILA	1007.3	—	W	5	19.0	33	—	17	—	95	—	4	6	As	2	0	—	—
132	ALEXANDRIA	1006.3	-8.7	WNW	5	19.0	31	+8	17	+3	83	+14	4	3	As	2	0	161	186
159	DAMIETTA	1007.1	—	S	2	19.0	26	—	18	—	49	—	4	—	Ac	2	0	63	110
134	PORT SAÏD	1006.7	-7.0	SE	2	22.8	25	+3	20	+6	26	-42	4	6	Cb	2	0	34	73
135	EL 'ARÎSH	1007.6	—	—	0	27.7	26	—	16	—	29	—	2	5	Cu	0	0	—	—
136	DAMANHÛR	1006.8	-8.4	SSW	2	22.1	31	+5	17	+7	32	-39	4	6	As	2	0	68	104
137	MANSÛRA	1007.4	—	S	1	20.8	33	+7	16	+5	40	-33	2	4	Cc	0	0	27	50
138	TANTA	1008.3	-7.9	—	0	20.0	33	+6	16	+5	40	-31	4	6	Sc	2	0	33	38
139	ZAGÂZÎG	1007.5	—	SW	3	23.3	34	+8	17	+7	35	-38	—	6	As	—	0	12	25
141	CAIRO ALMÂZA	1007.1	—	S	4	27.0	35	—	18	—	22	—	4	7	Cs	2	0	—	—
	CAIRO EZBEKÎYA	1007.2	-7.3	SSW	2	25.2	34	+8	19	+7	27	-41	4	—	Cs	2	0	9	29
	CAIRO GÎZA	1006.8	-8.3	SSE	3	23.0	34	+8	16	+7	32	-38	3	5	Cs	2	0	12	25
143	HELWÂN	1007.8	-7.1	SSE	3	23.1	34	+8	22	+9	12	-44	4	6	Ci	2	0	14	30
144	SUEZ	1007.8	-7.3	S	3	24.0	27	+1	18	+4	74	+1	1	—	—	—	0	12	25
153	FAIYÛM	1007.9	-7.5	SSE	1	22.8	35	+7	18	+7	27	-32	4	6	Sc	1	0	6	10
154	MINYA	1008.6	-6.7	SSE	3	23.4	34	+6	16	+4	31	-36	0	7	—	1	0	16	—
155	ASYÛT	1008.2	-6.4	ESE	2	23.2	34	+4	16	+3	43	-8	0	8	—	0	0	0	5
156	QENA	1009.0	-4.8	NE	1	23.5	34	0	13	-1	26	-16	0	8	—	0	0	dr	—
157	LUXOR	1009.3	—	NE	1	22.5	36	—	11	—	43	—	0	8	—	0	0	dr	—
158	ASWÂN	1008.6	-4.9	—	0	22.3	38	+4	16	0	28	-2	0	8	—	0	0	1	—
148	SÎWA	1008.8	-6.7	NNW	3	17.1	36	+8	12	+2	67	+7	—	6	—	1	0	28	7
149	BAHARÎYA	1009.6	—	NW	2	20.1	37	—	19	—	43	—	6	3	As	4	0	26	—
151	KHÂRGA	1008.6	-6.0	—	0	23.3	34	+2	13	0	31	-16	0	7	—	0	0	0	0
152	DÂKHLA	1009.1	-5.7	WNW	1	20.0	37	+5	12	0	24	-14	0	8	—	0	0	dr	—
145	TÔR	1010.8	-3.0	N	1	22.6	28	+2	12	-2	33	-31	2	7	Ci	0	0	13	14
146	HURGHÂDA	1010.0	-3.7	SSE	3	24.5	29	+2	12	-2	49	+1	0	5	—	0	0	dr	0
147	QUSEIR	1009.9	-3.2	W	2	26	30	+3	17	-1	—	—	0	7	—	0	0	1	7
169	PORT SUDAN	1008.7	-3.0	NE	1	26.5	27	-3	17	-3	69	+6	2	—	—	0	0	42	107
165	WÂDI HALFA	1009.1	-4.0	NE	1	17.6	33	-2	13	-2	39	+11	3	8	Cs	2	—	—	—
166	KAREIMA	1007.2	-4.2	—	0	24.8	35	-3	19	0	17	-3	4	8	Cs,Ac	1	0	dr	1
167	'ATBARA	1007.1	-3.0	E	2	26.5	35	-3	19	0	28	+13	2	—	—	0	0	5	1
168	KHARTÛM	1005.0	-3.9	NNW	3	23.8	38	-2	14	-6	26	+9	2	7	Cs,Ac	1	0	4	5
170	KASSALA	1005.5	-2.5	NE	1	24.4	38	-2	19	-2	60	+20	3	8	Ci,Ac	0	0	dr	11
171	WAD MEDANI	1005.4	-2.9	N	3	25.9	37	-3	17	-3	15	-4	0	—	—	0	0	56	13
173	DUEIM	1008.3	-0.8	N	3	25.6	38	-2	17	-2	11	-6	0	—	—	0	0	21	13
182	RENK		—					—		—		—							
172	ROSEIRES	1005.8	-2.1	WNW	2	26.9	41	+1	17	-4	25	-3	0	—	—	0	0	3	42
174	EL OBEID	1007.2	-3.2	—	0	24.6	36	-1	15	-3	13	-12	2	8	Cs,Ac	1	0	31	21
175	EL FÂSHER	—	—	NW	1	22.5	38	+1	16	-1	23	+3	0	—	—	0	0	0	8
176	MALAKÂL	—	—	S	3	27.9	40	+1	23	0	36	-2	4	8	Cs,Ac	1	0	81	103
177	WÂU	1005.8	-2.8	NW	4	29.0	39	+1	23	+1	58	-3	3	—	—	1	0	202	180
178	JÛBA	1008.5	-1.4	SSW	4	27.0	38	+2	24	+2	63	-8	4	8	Cu,Sc	1	0	198	184
179	Geneina	—	—	E	1	20.7	38	—	16	—	20	—	3	8	Nb	0	0	—	—
180	Gallabat	—	—	—	0	28.0	38	—	20	—	57	—	0	—	—	—	0	—	—

Upper Wind Observations on 2nd — ارصاد الرياح العليا يوم ٢

Height metres above M.S.L.	Dikheila 06 h 15 m. Dir. E. of N.	Kms. per hour	Almaza 07 h 30 m. Dir.	Kms.	W. Halfa 06 h 00 m. Dir.	Kms.	Kareima 06 h 00 m. Dir.	Kms.	Khartum 06 h 00 m. Dir.	Kms.	Kassala 07 h 00 m. Dir.	Kms.	El Obeid 06 h 00 m. Dir.	Kms.	Geneina 07 h 00 m. Dir.	Kms.	Juba 06 h 00 m. Dir.	Kms.
200	250	60	180	36	40	5	—	—	—	—	—	—	—	—	—	—	—	—
500	240	65	170	45	80	19	30	8	20	42	—	—	—	—	—	—	270	31
1000	240	66	220	71	80	14	50	21	40	14	120	14	30	14	100	16	270	40
1500			220	63	60	24	90	11	20	31	0	3	130	5	110	19	280	31
2000					70	43	280	8			230	18			140	10	320	5
3000					140	11	320	18			230	40			200	13	90	39
4000							320	27			260	29			200	16		
5000																		
6000																		

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

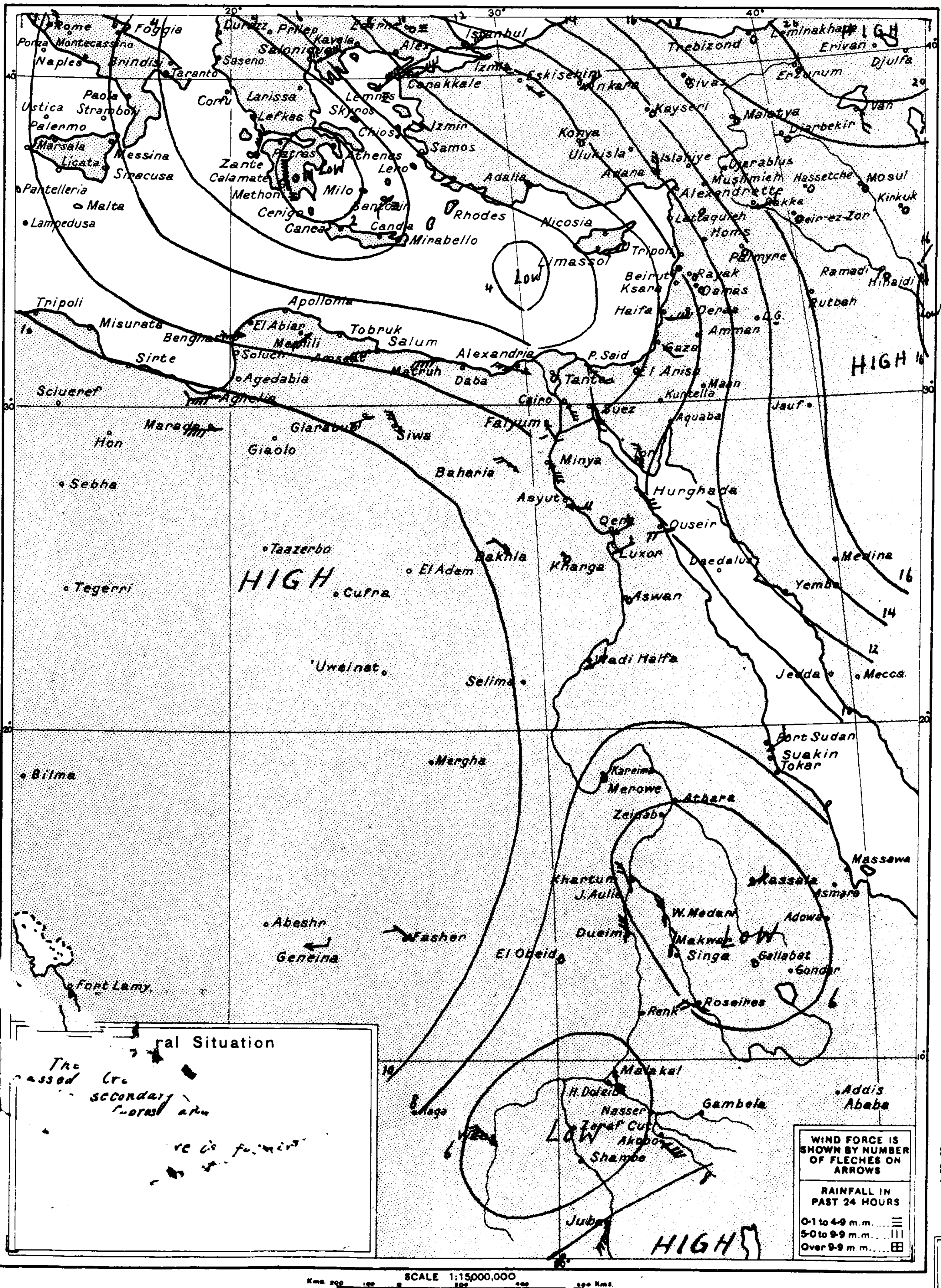
Station	Mean of day Humidity %	Diff. from normal	Wet Bulb	Diff. from normal
Alexandria	38	-28	14.3	+0.4
Ezbekîya	32	-22	15.1	+0.5
Gîza	30	-26	14.9	+0.7
Helwân	13	-30	[illegible]	+0.5

Gîza Grass minimum on 2nd: 12.5

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
2.4	752	813
1.4	753	813

Gauge	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	2.4	8.13	[illegible]	[illegible]	-0.16
Nâsser	2.4	[illegible]	-0.38	4.79	-0.34
Malakâl	2.4	9.91	-0.17	9.92	-0.17
Roseires	2.4	11.64	+0.30	11.65	+0.29
Sennâr Res.	2.4	17.64	—	17.66	—
Khartûm	2.4	9.99	-0.25	9.99	-0.24
Kh. el Giba					
'Atbara	2.4	9.82	-0.14	9.84	-0.12
Kajnarti	2.4	181.88	-0.07	181.87	-0.09
Wâdi Halfa					
Aswân Res.	2.4	117.90	—	117.94	—
,, D.S.	2.4	85.35	-0.26	85.35	-0.27
El Leisi	2.4	17.38	-0.36	17.42	[illegible]



...ral Situation

The ... passed Cr... secondary ... forest area ... re is forming ...

WIND VELOCITY

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

PRESENT WEATHER

Clear 0; ¼ Clouded 1; ½ Clouded 2; ¾ Clouded 3; Entirely clouded 4; Raining 5; Sand haze 6; Sand storm 7; Mist or Fog 8; Thunderstorm 9

VISIBILITY

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

CLOUD FORM

Cirrus Ci; Cirro-cumulus Cc; Cirro-stratus Cs; Alto-stratus As; Alto-cumulus Ac; Strato-cumulus Sc; Stratus St; Nimbus Nb; Nimbo-stratus Ns; Cumulus Cu; Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on *1. 4. 1937.* — الساعة ٨ يوم ١-٤-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1012	-1	ESE	4	18	—	—	—	—	—	—	0	—	—	—	0	—	421	ليماسول
Haifa	1012.7	-0.3	E	2	18.5	23	0	11	0	62	+10	0	—	—	—	0	345	628	حيفا
Gaza	1012.0	-1.7	—	0	16.4	24	+1	8	-3	75	+8	0	9	—	0	0	360	365	غزة
Dakhla	1010.2	-4.7	—	0	19.0	31	-1	12	0	23	-16	0	8	—	0	0	Drops	—	الداخلة

Remarks

ANNUAL SUBSCRIPTION

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise 05 h. 41 m.

sunset 18 h. 15 m.

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

DAILY WEATHER REPORT

Month *April* · 1937 ١٩٣٧ شهر ابريل

At 14h. on *2nd* (الساعة ١٤ يوم ٢) — At 8h. on *Saturday 3rd* (الساعة ٨ يوم السبت ٣)

No.	Region	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total m.m. fr. Oct. 1 to yesterday	Normal m.m. fr. Oct. 1 to yesterday
130	Mediterranean	SALÛM	1008.0	WSW	5	22.8	31	1	7	1013.0	-3.9	W	6	13.0	24	—	11	—	83	—	0	6	—	0	dr.	105	—
131		MATRÛH	1008.3	NW	3	18.4	66	3	6	1011.8	-3.6	WSW	4	15.4	20	-2	12	0	79	+8	0	6	—	0	0	143	156
150		DIKHEILA								1012.7	—	SW	2	17.6	21	—	13	—	77	—	0	8	Cb	0	0	—	—
132		ALEXANDRIA	1009.5	WNW	5	19.1	72	6	4	1011.8	-3.1	SW	2	18.2	25	+2	14	0	57	-12	0	8	St	0	0	161	186
159		DAMIETTA								1011.1	—	NW	1	19.3	31	—	15	—	78	—	3	—	Ac	2	0	63	110
134		PORT SAÏD	1008.4	NW	6	24.5	66	4	6	1011.8	-1.9	NW	3	18.8	32	+10	18	+3	85	+17	1	7	Ci	1	0	34	73
135		EL 'ARÎSH	1006.8	NNE	3	32.0	71	2	5	1010.6	—	—	0	18.9	37	—	17	—	82	—	4	6	Cu	2	0	—	—
136	Lower Egypt	DAMANHÛR								1012.0	-3.1	S	1	18.0	24	-2	14	+4	62	-9	1	5	St	1	0	68	104
137		MANSÛRA								1011.4	—	NNW	1	17.2	30	+4	15	+4	77	+4	2	4	Cc	2	0	27	50
138		TANTA								1011.5	-4.7	WSW	2	19.0	28	+1	13	+2	72	+1	3	7	Cu	1	0	33	38
139		ZAGÂZÎG								1012.3	—	SW	1	18.3	31	+5	14	+4	76	+3	—	7	As	—	0	12	25
	Middle Egypt (Cairo)	ALMÂZA													—		—										—
		EZBEKÎYA	1007.5	NW	1	30.4	27	4	6	1012.0	-2.4	—	0	20.5	32	+5	16	+4	53	-15	2	5	Ac	2	0	9	29
		GÎZA	1007.4	NW	2	31.8	25	4	5	1011.9	-3.1	NNW	1	20.0	32	+6	14	+5	55	-14	2	5	St	2	0	12	25
		HELWÂN	1007.6	WSW	3	30.7	9	4	6	1012.7	-2.2	—	0	17.8	32	+6	15	+2	68	+12	1	4	Ac	1	0	14	30
144		SUEZ								1011.6	-3.5	NNW	2	18.8	29	+3	17	+3	73	0	2	—	—	—	0	12	25
153	Upper Egypt	FAIYÛM	1008.3	WNW	3	29.5	25	4	6	1012.8	-2.5	N	1	19.7	30	+2	15	+4	55	-3	1	7	Cu	1	0	6	10
154		MINYA	1006.0	NNW	4	34.8	20	2	6	1013.4	-1.8	NNW	2	18.8	35	+6	14	+2	46	-20	0	7	—	1	0	16	—
155		ASYÛT	1006.8	SSW	2	37.2	19	0	8	1013.8	-0.7	WNW	3	18.5	37	+7	14	+1	56	+5	0	8	—	0	0	0	5
156		QENA	1006.3	NNW	1	36.8	19	3	8	1011.8	-1.9	WSW	6	22.0	38	+4	18	+3	44	+2	0	7	—	0	0	dr.	—
157		LUXOR	1006.0	WSW	2	37.3	24	1	8	1011.4	—	—	0	23.1	38	—	15	—	47	—	0	8	—	0	0	dr.	—
158		ASWÂN	1004.4	S	2	38.8	11	0	8	1010.0	-3.4	NNE	1	23.0	40	+6	18	+2	29	-1	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1011.2	WNW	2	24.7	50	0	5	1014.6	-0.8	—	0	15.0	26	-2	8	-2	65	+5	0	6	Ci	0	0	28	7
149		BAHARÎYA	1010.4	NNW	3	24.8	29	3	6	1015.1	—	NW	4	17.3	25	—	12	—	55	—	0	9	—	0	0	26	—
151		KHÂRGA	1006.6	SE	1	36.2	15	0	9	1013.3	-1.2	N	4	22.3	37	+5	13	0	30	-16	0	9	St	0	0	0	0
152		DÂKHLA	1007.8	NNW	6	30.9	32	6	2	1015.4	+0.6	NW	2	18.6	33	+1	13	+1	49	+11	0	8	—	0	0	dr.	—
145	Red Sea	TÔR								1009.5	-4.2	NW	3	21.7	33	+6	18	+4	60	-4	4	6	Nb	0	0	13	14
146		HURGHÂDA								1008.7	-4.9	NNW	5	22.5	31	+4	13	-1	66	+18	2	4	As	1	0	dr.	0
147		QUSEIR								1008.6	-4.4	SE	2	25.6	29	+2	18	0	43	+2	0	7	St	0	0	1	7
169		PORT SUDAN	1006.2	E	2	29.6	—	3	—	1010.3	-1.4	SE	1	28.5	31	+1	22	+1	67	+5	1	—	—	0	0	42	107
165	North Sudan	WÂDI HALFA	1007.1	NW	1	33	—	1	8	1012.9	-0.1	NNW	4	20.0	36	+1	16	+1	32	+4	0	6	—	0	—	—	—
166		KAREIMA	1004.8	—	0	37	—	4	8	1009.3	-2.1	—	0	25.0	37	-1	17	-2	23	+3	2	8	Ci	0	0	dr.	1
167		'ATBARA	1004.0	W	2	33.8	—	2	—																		
168		KHARTÛM	1000.2	NW	3	40	—	2	8	1008.9	+0.1	NNE	3	26.3	40	0	20	-1	19	+2	3	8	Ci,Ac	2	0	4	5
170		KASSALA	999.8	SW	2	39	—	3	8	1006.2	-1.7	—	0	28.7	39	-1	19	-2	58	+19	2	8	Ci,Ac	1	0	dr.	11
171	Central Sudan	WAD MEDANI	1000.2	W	2	39.2	—	1	—	1009.0	+0.8	N	3	28.0	40	0	19	-2	12	-6	1	—	—	1	0	56	13
172		DUEIM	1005.3	NE	3	36.4	—	1	—	1009.5	+0.5	NE	3	25.4	40	0	20	+1	13	-4	3	—	—	0	0	21	13
		RENK																									
173		ROSEIRES	1000.2	WNW	2	39.5	—	0	—	1006.8	-1.1	W	2	26.9	42	+2	18	-3	31	+3	0	—	—	1	0	3	42
174		EL OBEID	1001.3	SW	2	39	—	1	8	1009.1	-1.3	NE	1	24.5	40	+3	18	0	31	+6	3	8	Ci,Ac	2	0	31	21
175		EL FÂSHER								—	—	WNW	2	24.5	41	+4	15	-2	27	+7	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	—	SW	2	37	—	4	8																		
177		WÂU	1001.5	W	3	38	—	2	—	1007.1	-1.4	SE	3	30.0	38	0	25	+3	53	-8	3	—	—	1	0	202	182
178		JÛBA	1004.7	NW	5	31	—	4	8	1010.4	+0.5	S	4	26.9	34	-2	24	+2	69	-2	4	8	Cu,Sc	1	0	197	188
179		*Geneina*								—	—	E	1	23.1	39	—	16	—	18	—	4	8	Fn	2	0	—	—
180		*Gallabat*	—	W	3	38.5	—	0	—	—	—	E	3	33.3	38	—	21	—	16	—	0	—	—	0	0	—	—

Upper Wind Observations on *3rd* — ارصاد الرياح العليا يوم ٣

Height metres above M.S.L.	Salum 07h00m Dir. E.of N.	Kms per hour	Matruh 07h00m Dir.	Kms	Dikheila 07h45m Dir.	Kms	Cairo 08h15m Dir.	Kms	Helwan 08h45m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 06h00m Dir.	Kms	Kareima 06h00m Dir.	Kms	Khartum 06h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Juba 06h00m Dir.	Kms	Ismalia (R.A.F.) 07h00m Dir.	Kms
200	270	25	270	36	330	20	340	1	290	1	—	—	—	—	350	34	—	—	—	—	—	—	—	—	—	—	—	—	350	19
500	—	—	280	45	290	16	350	11	10	12	330	39	350	32	350	56	340	18	330	47	180	8	—	—	—	—	270	47	350	32
1000	290	36	280	39	270	17	330	19	330	19	330	48	350	3	330	14	350	18	10	21	180	8	40	32	70	47	270	27	350	37
1500	290	46	260	30	250	14	310	11	300	13	310	19	320	16	10	10	10	23	340	18	70	8	30	11	60	43	200	21	180	13
2000	280	51	250	39	250	17	250	30	250	39	260	50					350	21	330	45	240	8	10	12	0	37	160	16	180	42
3000									220	57							310	23	310	32	230	24	270	8	0	34	10	24	190	71
4000									200	48													260	31						
5000																							260	21						
6000																							190	24						

Forecast for 24 hours from noon on *3rd*

West to northwest winds, fresh on the coast, light to moderate inland.
Occasional low cloud.
Possibly light rain near the coast.
Normal temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٣
رياح غربية الى شمالية غربية شديدة نوعا على الساحل
وما بين الخفيفة والمعتدلة في الداخل.
يظهر بعض السحاب المنخفض
ويحتمل ان تمطر خفيفا بالقرب من الساحل
درجة الحرارة حول المعدل

Station	Mean of day Humidity % on 2nd	Diff. from normal	Wet bulb temp. °C on 2nd	Diff. from normal
Alexandria	71	+5	15.7	+1.7
Ezbekiya	44	-10	16.9	+2.2
Giza	46	-9	16.7	+2.4
Helwân	29	-14	14.0	+1.6

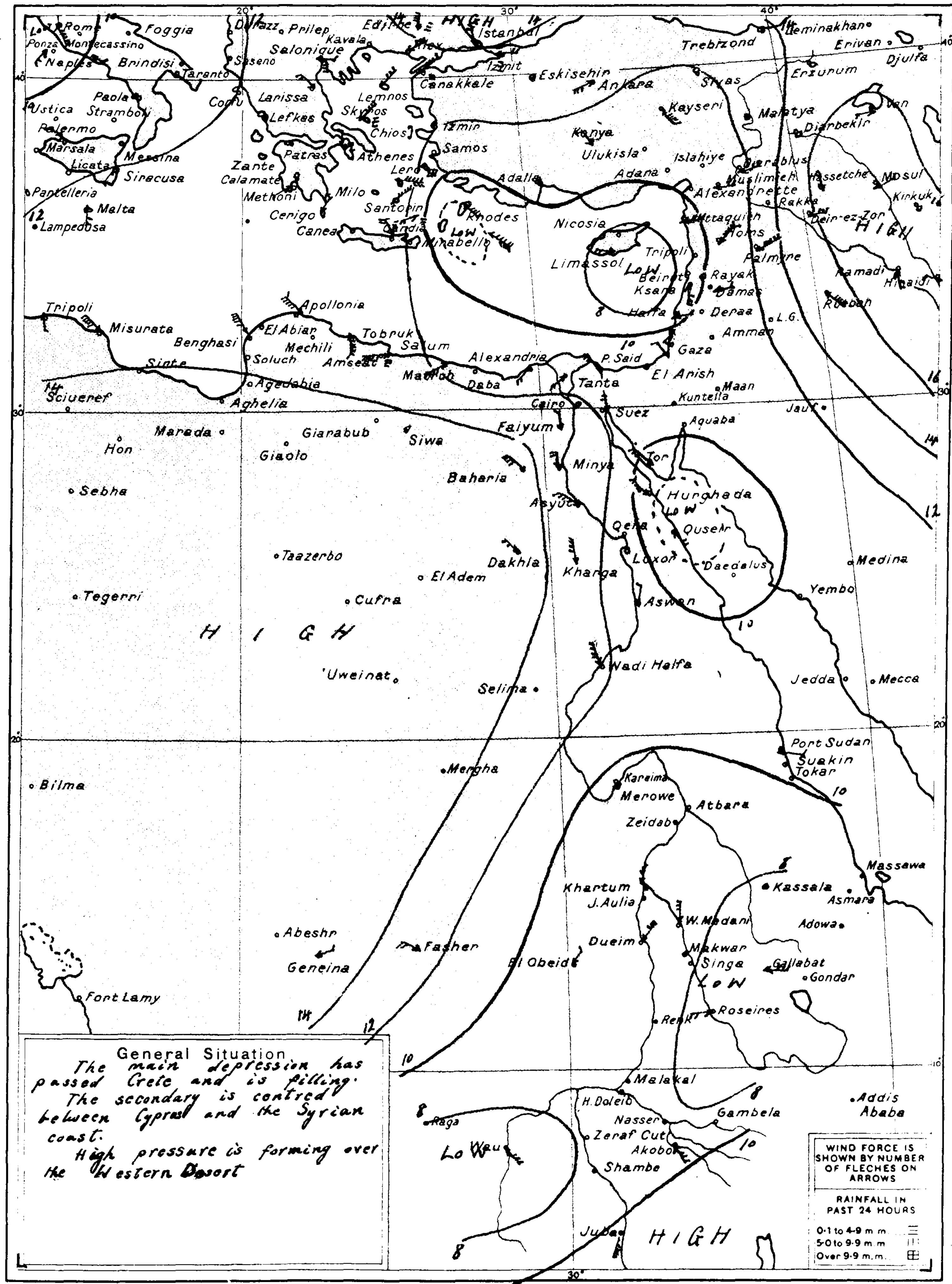
Giza Grass minimum on *3rd* 10.6 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
3-4	752	813
2-4	752	813

Gauge	Date 1937	Reading m.	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-4	13.13	+0.15	13.10	-0.17
Nâsser	2-4	4.78	-0.38	4.79	-1.34
Malakâl	3-4	9.90	-0.18	9.91	-0.17
Roseires	3-4	11.65	+0.32	11.64	+0.30
Sennâr Res.	2-4	17.54	—	17.66	—
Khartûm	2-4	9.99	-0.25	9.99	-0.24
Kh. el Girba					
'Atbara	2-4	9.82	+0.14	9.84	-0.12
Kajnarti	2-4	131.88	-0.07	131.87	-0.09
Wâdi Halfa					
Aswân Res.	3-4	117.87	—	117.90	—
,, D.S.	3-4	85.33	-0.27	85.35	-0.26
El Leisi	3-4	17.88	+0.38	17.38	+0.36
Rôda (Cairo)	3-4	15.70	+0.19	15.70	+0.19

١٩٣٧-٤-٣ Pressure and Wind at 8h. *3-4-1937*



General Situation

The main depression has passed Crete and is filling.
The secondary is centred between Cyprus and the Syrian coast.
High pressure is forming over the Western Desert

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on *2-4-1937* — الساعة ٨ يوم ٢-٤-١٩٣٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total m.m. fr. Oct. 1 to yesterday	Normal m.m. fr. Oct. 1 to yesterday	مرصد
Limasol	1008	-5	E	3	22	—	—	—	—	—	—	4	—	—	—	0	—	422	ليماسول
Haifa	1010.3	-2.6	E	5	22.5	25	+2	14	+3	50	-11	0	—	—	—	0	[illegible]	[illegible]	حيفا
Gaza	1007.9	-5.8	SE	1	26.0	29	+6	15	+4	40	-27	0	9	—	0	0	[illegible]	[illegible]	غزة

Remarks

ANNUAL SUBSCRIPTION

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CAIRO

Time of sunrise h. 05 m. 40 — sunset h. 18 m. 16

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *April* 1937 ١٩٣٧ شهر ابريل

١٩٣٧-٤-٤ Pressure and Wind at 8 h. *4-4-1937*

1417 F.C.

		STATION	At 14h. on 3rd الساعة ١٤ يوم ٣ Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
130	MEDITERRANEAN	SALÛM	1013.8	WNW	4	19.7	50	1	8
131		MATRÛH	1012.7	WNW	5	17.8	72	2	4
150		DIKHEILA							
132		ALEXANDRIA	1012.7	WNW	5	21.4	67	0	8
159		DAMIETTA							
134		PORT SA'ÏD	1012.3	NW	2	23.5	57	0	8
135		EL 'ARÎSH	1010.7	NW	4	21.2	73	4	6
136	LOWER EGYPT	DAMANHÛR							
137		MANSÛRA							
138		TANTA							
139		ZAGÂZÎG							
141	MIDDLE EGYPT CAIRO	ALMÂZA	1012.3	WNW	3	26.0	37	1	9
		EZBEKÎYA	1010.7	W	1	27.0	24	0	8
		GÎZA	1011.1	W	2	27.5	25	0	7
143		HELWÂN	1011.4	W	3	25.6	16	0	8
144		SUEZ							
153	UPPER EGYPT	FAIYÛM	1012.3	WNW	4	26.2	26	0	8
154		MINYA	1012.4	NW	4	26.9	25	1	8
155		ASYÛT	1012.7	W	3	26.0	30	0	8
156		QENA	1009.8	WNW	5	30.8	25	0	8
157		LUXOR	1010.4	NSW	3	29.3	34	0	8
158		ASWÂN	1007.9	NW	4	33.0	20	0	8
148	WESTERN DESERT	SÎWA	1014.8	WNW	2	24.0	50	0	6
149		BAHARÎYA	1013.5	WNW	6	24.0	27	0	7
151		KHÂRGA	1012.2	N	5	27.6	19	0	9
152		DÂKHLA	1013.8	NNW	2	26.0	27	0	8
145	RED SEA	TÛR							
146		HURGHÂDA							
147		QUSEIR							
169		PORT SUDAN	1006.3	SE	3	30.2	—	0	—
165	NORTH SUDAN	WÂDI HALFA	1011.2	NNW	6	31	—	0	5
166		KAREIMA	1007.9	ENE	1	39	—	0	8
167		'ATBARA	1005.0	N	2	38.0	—	0	—
168		KHARTÛM	1004.6	NNW	3	40	—	2	7
170		KASSALA	1001.6	S	1	38	—	3	8
171	CENTRAL SUDAN	WAD MEDANI	1003.1	W	2	39.0	—	1	—
173		DUEIM	1004.4	N	3	39.2	—	1	—
182		RENK							
172		ROSEIRES	1005.6	ENE	2	42.3	—	0	—
174		EL OBEID	1003.6	NNE	1	39	—	0	8
175		EL FÂSHER							
176	S. SUDAN	MALAKÂL							
177		WÂU	1003.0	E	3	—	—	0	—
178		JÛBA	1004.7	SSW	3	32	—	4	8
179		Geneina	—	E	3	38	—	3	8
180		Gallabat	—	NE	3	39.1	—	0	—

	STATION	At 8h. on Sunday 4th الأحد ٤ الساعة ٨ يوم ٦ Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	1016.3	-0.6	NW	3	12.8	21	—	10	—	88	—	1	6	Cu	1	0	105	—
131	MATRÛH	1015.0	-0.4	W	2	16.4	18	-4	15	+3	77	+7	1	4	Cu	0	0	143	156
150	DIKHEILA							—		—		—							—
132	ALEXANDRIA	1014.0	-0.9	N	3	16.9	22	-1	15	+1	76	+7	2	9	Cu	2	0	161	186
159	DAMIETTA	1012.8	—	S	2	18.0	27	—	12	—	73	—	0	—	Cc	1	0	63	111
134	PORT SA'ÏD	1014.7	+1.1	NW	2	17.8	25	+3	15	0	74	+6	1	8	Cu	1	0	34	74
135	EL 'ARÎSH	1012.7	—	WSW	3	18.0	21	—	12	—	71	—	2	6	Sc	1	0	—	—
136	DAMANHÛR	1014.2	-0.9	WNW	1	18.0	26	0	12	+2	71	+1	2	6	Cu	1	0	68	105
137	MANSÛRA	1014.0	—	SE	1	16.9	27	+1	11	0	76	+4	0	6	Cu	0	0	27	50
138	TANTA	1013.5	-2.6	NW	2	17.5	28	+1	10	-1	75	+5	1	7	Ci	1	0	33	39
139	ZAGÂZÎG	1014.3	—	NW	3	17.5	27	+1	11	+1	77	+5	—	8	Cs	—	0	12	25
141	ALMÂZA	1014.6	—	SW	3	16.0	27	—	11	—	84	—	4	7	As	1	0	—	—
	EZBEKÎYA	1014.2	-0.2	WNW	1	16.5	28	+1	14	+2	75	+7	3	6	Cb	2	0	9	29
	GÎZA	1014.2	-0.8	W	2	16.8	28	+2	10	+1	79	+10	3	5	Cb	2	0	12	25
143	HELWÂN	1015.1	+0.3	—	0	15.3	26	-1	13	0	80	+25	3	6	Cb	2	dr.	14	30
144	SUEZ	1013.9	-1.1	NW	3	18.0	26	0	15	+1	69	-4	0	—	—	—	0	12	25
153	FAIYÛM	1015.2	0.0	NNW	2	17.5	27	-1	12	+1	73	+5	1	7	Cu	0	0	6	10
154	MINYA	1015.5	+0.4	NNW	2	17.7	27	-2	12	0	67	+1	0	9	—	0	0	16	—
155	ASYÛT	1015.4	+1.0	NSW	3	16.8	27	-3	13	0	56	+5	0	8	—	0	0	0	5
156	QENA	1013.8	+0.1	NNW	2	20.8	32	-2	15	0	41	0	0	7	—	0	0	dr.	—
157	LUXOR	1014.3	—	NNW	2	21.4	30	—	12	—	56	—	0	8	—	0	0	dr.	—
158	ASWÂN	1013.6	+0.3	NNW	2	19.6	34	0	15	-2	33	+3	0	8	—	0	0	1	—
148	SÎWA	1015.8	+0.4	E	—	17.5	25	-3	8	-3	68	+8	0	6	Ci	0	0	28	7
149	BAHARÎYA	1016.0	—	W	1	18.0	24	—	10	—	74	—	0	9	—	0	0	26	—
151	KHÂRGA	1015.5	+1.0	—	0	20.0	28	-4	12	-1	57	+11	0	9	—	0	0	0	0
152	DÂKHLA	1016.4	+1.7	WNW	1	16.1	27	-5	10	-2	52	+14	0	7	—	0	0	dr.	—
145	TÛR	1013.1	-0.5	NW	4	21.8	35	+8	19	+5	59	-5	0	7	—	0	0	13	14
146	HURGHÂDA	1012.4	-1.1	NNW	3	23.3	28	+1	16	+2	39	-8	0	7	—	1	0	dr.	0
147	QUSEIR	1012.3	-0.6	NNW	2	24.9	26	-1	18	-1	28	-13	0	7	—	0	0	1	7
169	PORT SUDAN	1005.5	-6.1	S	1	28.9	31	+1	25	+4	73	+11	1	—	—	0	0	42	107
165	WÂDI HALFA	1015.5	+2.6	NNW	1	17.5	32	-3	14	-2	31	+3	0	8	—	0	—	—	—
166	KAREIMA																		
167	'ATBARA																		
168	KHARTÛM	1010.1	+1.4	N	4	22.3	41	+1	19	-2	29	+1	2	8	Ci,Ac	1	0	4	5
170	KASSALA	1005.9	-2.0	S	1	27.6	40	0	20	-1	51	+12	0	8	—	0	0	dr.	11
171	WAD MEDANI	1008.2	0.0	N	4	28.4	41	+1	21	0	10	-8	0	—	—	0	0	56	13
173	DUEIM	1009.1	+0.1	N	4	27.4	40	0	21	+2	9	-8	0	—	—	0	0	21	13
182	RENK			N	3	29.9	41	—	18	—	30	—	0	—	—	0	0	—	—
172	ROSEIRES	1006.4	-1.4	WNW	2	26.9	42	+2	17	+4	31	+3	0	—	—	0	0	3	43
174	EL OBEID	1008.5	-1.8	NE	3	25.0	39	+1	19	+1	21	-4	3	8	Ci,As	1	0	31	21
175	EL FÂSHER			WNW	3	25.0	41	+3	21	+4	31	+11	0	—	—	—	0	0	8
176	MALAKÂL			E	1	—	40	+1	22	-1	—	—	2	8	Ci,Ac	1	0	81	104
177	WÂU	1007.2	-1.3	N	2	27.3	38	0	26	+4	71	+9	4	—	—	2	6	308	184
178	JÛBA	1008.7	-1.2	SSW	3	26.9	38	+2	24	+2	69	-3	4	9	Sc	1	dr.	198	191
179	Geneina			NE	4	22.7	39	—	19	—	25	—	4	8	AC	0	0	—	—
180	Gallabat			—	0	30.4	40	—	21	—	50	—	0	—	—	0	0	—	—

Upper Wind Observations on 4th ارصاد الرياح العليا يوم

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E of N.	Kms. per hour	Matruh 07 h. 00 m. Dir. E of N.	Kms. per hour	Almaza 07 h. 30 m. Dir. E of N.	Kms. per hour	Cairo 08 h. 15 m. Dir. E of N.	Kms. per hour	Heliopolis 09 h. 45 m. Dir. E of N.	Kms. per hour
500	—	—	330	21	260	14	310	14	290	15
1000	290	22	340	18	Ent.	Ns	340	18	310	13
1500	300	26	330	27			Ent.	Cb.	Ent.	Cb.
2000	320	28	330	42						
3000	320	42	340	27						
4000										
5000										
6000										

Height metres above M.S.L.	Asyut 07 h. 00 m. Dir. E of N.	Kms. per hour	Aswan 07 h. 00 m. Dir. E of N.	Kms. per hour	Wadi Halfa 06 h. 00 m. Dir. E of N.	Kms. per hour	Kareima 06 h. 00 m. Dir. E of N.	Kms. per hour
500	—	—	—	—	30	36	—	—
1000	330	28	350	39	10	68	30	45
1500	330	32	340	33	330	43	350	27
2000	330	34	310	36	310	34	310	14
3000					290	21	330	18
4000							V	
5000								
6000								

Height metres above M.S.L.	Genaina 07 h. 00 m. Dir. E of N.	Kms. per hour	Juba 06 h. 00 m. Dir. E of N.	Kms. per hour	Salum 3rd 13 h. 00 m. Dir. E of N.	Kms. per hour	Ismailia 07 h. 00 m. Dir. E of N.	Kms. per hour	Nuktir 07 h. 00 m. Dir. E of N.	Kms. per hour	Heliopolis 05 h. 30 m. Dir. E of N.	Kms. per hour
500	—	—	—	—	340	24	220	19	300	34	310	24
1000	—	—	270	119?	—	—	310	18	380	26	320	31
1500	—	60	280	43	300	32	320	18	330	19	330	39
2000	70	56	320	26	300	49	310	31	340	34		
3000	100	48	0	18			300	53				
4000			350	24								
5000												
6000												

Forecast for 24 hours from noon on 4th

Moderate westerly winds.
Some low cloud, decreasing tomorrow.
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٤

رياح معتدلة غربية
يظهر بعض السحاب المنخفض ولكن يتضاءل باكر
ولا تتغير درجة الحرارة إلا قليلا.

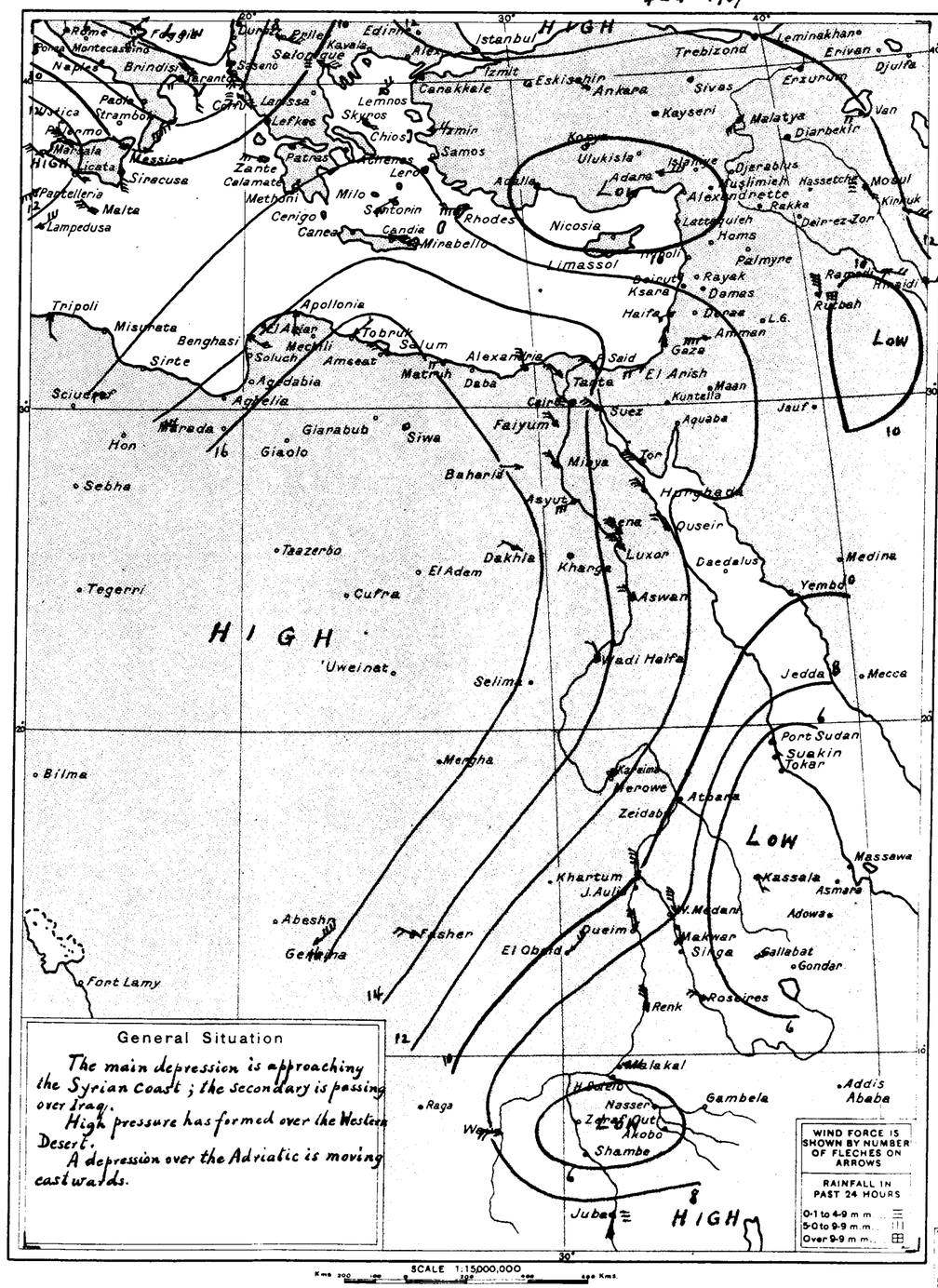
STATION	Mean of day HUMIDITY % on 3rd	Diff. from normal	WET BULB TEMP. °C on 3rd	Diff. from normal	Previous day HUMIDITY % Reading	Diff. from normal
Alexandria	64	-2	15.0	+1.0		
Ezbekiya	48	-6	15.2	+0.4		
Gîza	46	-9	14.7	+0.3		
Helwân	46	+3	13.2	+0.7		

Gîza Grass minimum on 4th 6.2 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
4-4	754	813
3-4	752	813

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-4	13.13	-0.15	13.10	-0.17
Nâsser	3-4	4.76	-0.43	4.78	-0.38
Malakâl	4-4	9.90	-0.16	9.90	-0.18
Roseires	4-4	11.63	+0.30	11.65	+0.32
Sennâr Res.	3-4	17.44	—	17.54	—
Khartûm	3-4	9.98	-0.28	9.99	-0.25
Kh. el Girba					
'Atbara	3-4	9.80	-0.17	9.82	-0.14
Kajnarti	3-4	131.90	-0.04	131.88	-0.07
Wâdi Halfa					
Aswân Res.	4-4	117.80	—	117.87	—
" D.S.	4-4	85.35	-0.25	85.33	-0.27
El Leisi	4-4	17.38	+0.40	17.38	+0.38
Rôda (Cairo)	4-4	15.77	+0.26	15.70	+0.19



General Situation

The main depression is approaching the Syrian Coast; the secondary is passing over Iraq.

High pressure has formed over the Western Desert.

A depression over the Adriatic is moving eastwards.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

STATION	At 8 h. on 3-4-1937 ١٩٣٧-٤-٣ الساعة ٨ يوم ٣ Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM To day °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1007	-6	WNW	2	21	—	—	—	—	—	—	4	—	—	—	0	—	422	ليماسول
Haifa	1009.1	-3.8	E	1	22.4	34	+11	14	+3	68	+8	3	—	—	—	0	345	629	حيفا
Gaza	1012.2	-1.4	NW	1	19.6	38	+15	17	+6	91	+24	2	6	—	1	0	360	366	غزة

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MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

CAIRO
Time of sunrise h. m. 05 39
sunset h. m. 18 11

Month *April* 1937 ١٩٣٧ شهر ابريل

At 14h. on *4th* الساعة ١٤ يوم ٤ — At 8h. on *Monday 5th* الساعة ٨ يوم الاثنين ٥

No.	Station	14h Bar. pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present weather	14h Visibility	8h Bar. reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry bulb °C	Max. yesterday °C	Max. diff. from norm. °C	Min. today °C	Min. diff. from norm. °C	Humidity %	Humidity diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1015.4	NNE	2	18.2	71	1	8	1011.9	-5.0	SW	3	18.8	21	—	13	—	52	—	0	6	Cu	1	0	105	—
131	MATRÛH	101?.8	NNW	3	18.2	70	1	4	1011.9	-3.4	S	4	18.3	19	-3	17	+5	53	-17	4	1	—	2	0	143	156
150	DIKHEILA	101? 3	NW	2	16.0	93	2	8	1014.7	—	SSW	2	16.9	19	—	13	—	86	—	3	8	Cs	2	0	—	—
132	ALEXANDRIA	1015.0	NW	4	20.1	67	4	9	1014.3	-0.5	S	1	15.0	23	0	13	-1	90	+21	3	7	Ac	2	0	161	186
159	DAMIETTA								1013.6	—	SSW	1	17.5	25	—	12	—	85	—	4	—	Cc	1	0	63	111
134	PORT SAÏD	4.3	NW	2	22.5	56	0	8	1014.4	+0.9	SW	4	19.6	23	+1	15	0	74	+6	2	7	Cu	2	0	34	74
135	EL 'ARÎSH	13.3	NW	3	20.0	72	0	7	1014.2	—	SSE	1	19.0	20	—	11	—	72	—	0	7	—	1	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1014.7	-0.3	SSW	2	16.0	24	-2	11	+1	80	+10	2	5	Ci	1	0	68	105
137	MANSÛRA								1013.8	—	SE	1	17.3	25	-1	11	0	67	-5	2	5	Cs	1	0	27	51
138	TANTA								1013.0	-3.0	—	0	16.3	25	-2	9	-2	86	+16	3	7	Ci	1	0	33	39
139	ZAGÂZIG								1015.1	—	ENE	2	17.8	25	-2	10	0	79	+8	—	8	Cs	—	0	12	25
	MIDDLE EGYPT — CAIRO																									
141	ALMAZA	1012.6	WNW	3	28.3	31	3	9	1014.6	—	E	1	18.4	28	—	11	—	75	—	3	7	Cs	1	0	—	—
	EZBEKIYA	1013.8	NNE	3	24.2	48	2	8	1013.9	-0.4	WSW	1	18.4	25	-2	13	+1	67	-1	3	5	Ci	1	0	9	29
	GÎZA	1013.5	NW	2	24.3	45	3	6	1014.2	-0.7	—	0	16.4	25	-2	10	0	82	+14	2	6	Cs	1	0	12	26
143	HELWAN	1014.3	WNW	4	22.0	42	3	8	1014.6	-0.1	—	0	17.0	23	-4	13	0	71	+16	2	6	Ci	0	dr.	14	31
144	SUEZ								1014.0	-1.0	—	0	17.2	25	-2	14	0	76	+3	1	—	—	—	0	12	25
	UPPER EGYPT																									
153	FAIYUM	1013.3	NNW	2	23.9	47	3	8	1014.8	-0.3	—	0	18.0	26	-2	12	+1	70	+12	2	6	Cu	1	0	6	10
154	MINYA	1014.2	N	2	24.5	46	1	9	1014.0	-1.1	NNW	1	19.8	25	-4	12	-1	63	-3	2	5	Cc	2	0	16	—
155	ASYUT	1013.6	NW	3	25.2	43	0	8	1014.0	-0.3	NE	2	18.0	27	-3	13	0	63	+13	4	6	Sc	1	0	0	5
156	QENA	1011.1	NW	3	30.4	28	0	8	1013.4	-0.3	WNW	3	20.7	31	-4	14	-1	50	+9	4	8	Cu	1	0	dr.	—
157	LUXOR	1011.4	NNW	3	29.1	36	2	7	1013.5	—	SE	1	20.7	30	—	11	—	52	—	3	7	Sc	2	0	dr.	—
158	ASWÂN	1010.4	N	4	29.0	21	1	8	1012.6	-0.6	N	1	20.0	30	-4	15	-2	44	+14	1	8	Ci	1	0	1	—
	WESTERN DESERT																									
148	SÎWA	1014.6	—	0	26.1	56	0	6	1013.8	-1.5	—	0	17.4	27	-1	10	-1	66	+6	0	6	Ci	0	0	28	7
149	BAHARÎYA	1014.8	WNW	3	24.7	39	0	9	1014.3	—	ESE	1	19.0	26		9	—	70	—	1	9	Ci	1	0	26	—
151	KHÂRGA	1013.4	N	3	27.3	50	0	9	1013.9	-0.5	E	2	20.4	28	-4	16	+2	57	+11	3	9	Cs	0	0	0	0
152	DÂKHLA								1014.4	-0.2	—	0	15.5	28	-4	12	-1	50	+12	3	7	Cc	1	0	dr.	—
	RED SEA																									
145	TOR								1012.4	-1.2	—	0	20.6	27	0	14	-1	50	-15	2	7	Ci	0	0	13	14
146	HURGHÂDA								1013.1	-0.3	NW	3	22.4	26	-2	15	0	48	+1	2	4	Cc	1	0	dr.	0
147	QUSEIR																									
169	PORT SUDAN	1007.2	NE	3	30.6	—	1	—	1011.9	+0.4	NE	2	26.7	32	+1	24	+3	61	-1	3	—	—	1	0	42	107
	NORTH SUDAN																									
165	WÂDI HALFA								1014.1	+1.3	NNW	2	18.0	29	-6	13	-3	44	+17	1	8	Ci	1	—	—	—
166	KAREIMA								1010.9	-0.4	NE	1	23.0	35	-3	17	-3	30	+11	0	8	Ci	0	0	dr.	1
167	'ATBARA								1009.8	0.0	NE	2	27.0	38	0	19	0	26	+11	0	—	—	0	0	5	1
168	KHARTÛM								1009.8	+1.2	N	4	24.1	40	0	18	-3	26	+9	0	7	Ci	1	0	4	5
170	KASSALA								1005.9	-1.9	NE	2	27.7	41	+1	21	0	63	+24	0	8	—	0	0	dr.	11
	CENTRAL SUDAN																									
171	WAD MEDANI	1002.3	N	3	40.2	—	0	—	1007.9	-0.2	N	3	28.4	40	-1	20	-1	9	-9	0	—	—	0	0	56	13
173	DUEIM								1009.5	+0.6	NW	4	26.8	39	-1	18	-1	8	-9	0	—	—	0	0	21	13
	RENK																									
172	ROSEIRES								1007.0	-0.8	WNW	3	28.5	43	+3	19	-2	29	+1	0	—	—	0	0	3	43
174	EL OBEID								1009.5	-0.7	N	2	23.0	38	0	19	+1	28	+3	2	8	Cg/Ac	0	0	31	21
175	EL FÂSHER								—	—	NW	1	23.0	39	+1	18	+1	18	-2	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL								—	—	W	1	29.3	41	+2	24	+1	52	+12	4	8	Ci	2	0	81	104
177	WAU	1002.0	SW	3	37.0	—	3	—	1008.8	+0.3	NW	3	26.1	37	-1	24	+2	76	+14	4	—	—	1	1	209	186
178	JÛBA								1009.2	-0.7	S	4	26.0	35	-1	25	+3	76	+4	4	8	Cb	1	dr.	198	195
179	Geneina								—	—	ENE	2	21.3	40	—	18	—	14	—	4	8	Cs	0	0	—	—
180	Gallabat								—	—	E	1	30.0	40	—	23	—	55	—	0	—	—	0	0	—	—

Upper Wind Observations on *5th* ارصاد الرياح العليا يوم ٥

Height metres above M.S.L.	Salum 07h00m Dir. E.of N.	Kms per hour	Matruh 07h00m Dir.	Kms	Almaza 07h00m Dir.	Kms	Cairo 08h15m Dir.	Kms	Helwan 9h00m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 06h00m Dir.	Kms	Kareima 06h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Juba 06h00m Dir.	Kms	Salum 4th 13h30m Dir.	Kms
200	20	16	210	28	140	10	200	10	200	10	—	—	—	—	30	24	—	—	—	—	—	—	—	—	—	—	—	—	60	8
500	—	—	220	11	110	9	160	10	190	7	0	18	10	28	30	35	40	47	20	31	30	18	—	—	—	—	270	53	—	—
1000	240	2	270	19	340	10	320	13	330	21	340	28	330	10	0	27	40	37	0	34	90	5	30	51	80	37	240	32		
1500	140	4	70	11	320	11	340	11	320	11	350	22	330	10	350	21	350	19	310	8	50	14	40	16	120	19	200	35		
2000	270	25	80	9	300	14	290	10	280	11	320	17	340	28	0	31	310	11	300	18	150	5	350	27	190	32				
3000	320	20	310	16	270	40	250	18							330	14			290	40	250	16	270	18	220	32				
4000							280	31											290	37			280	14	250	29				
5000																							260	24						
6000																														

Forecast for 24 hours from noon on *5th*

On the coast moderate south winds veering to west.
Inland light variable winds chiefly westerly.
Occasional high cloud.
Slightly warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٥
على الساحل رياح جنوبية معتدلة تتحول الى غربية
وفي الداخل رياح خفيفة مختلفة الاتجاه اغلبها غربية
ظهور السحاب العالي
وترتفع درجة الحرارة قليلا

Station	Mean of day: Humidity % on 4th	Diff. from normal	Wet bulb temp. °C on 4th	Diff. from normal
Alexandria	74	+13	11.5	-2.6
Ezbekiya	63	+9	15.7	+0.9
Giza	66	+12	15.6	+1.2
Helwân	59	+16	14.1	+1.5

Giza Grass minimum on *5th* 6.1 °C

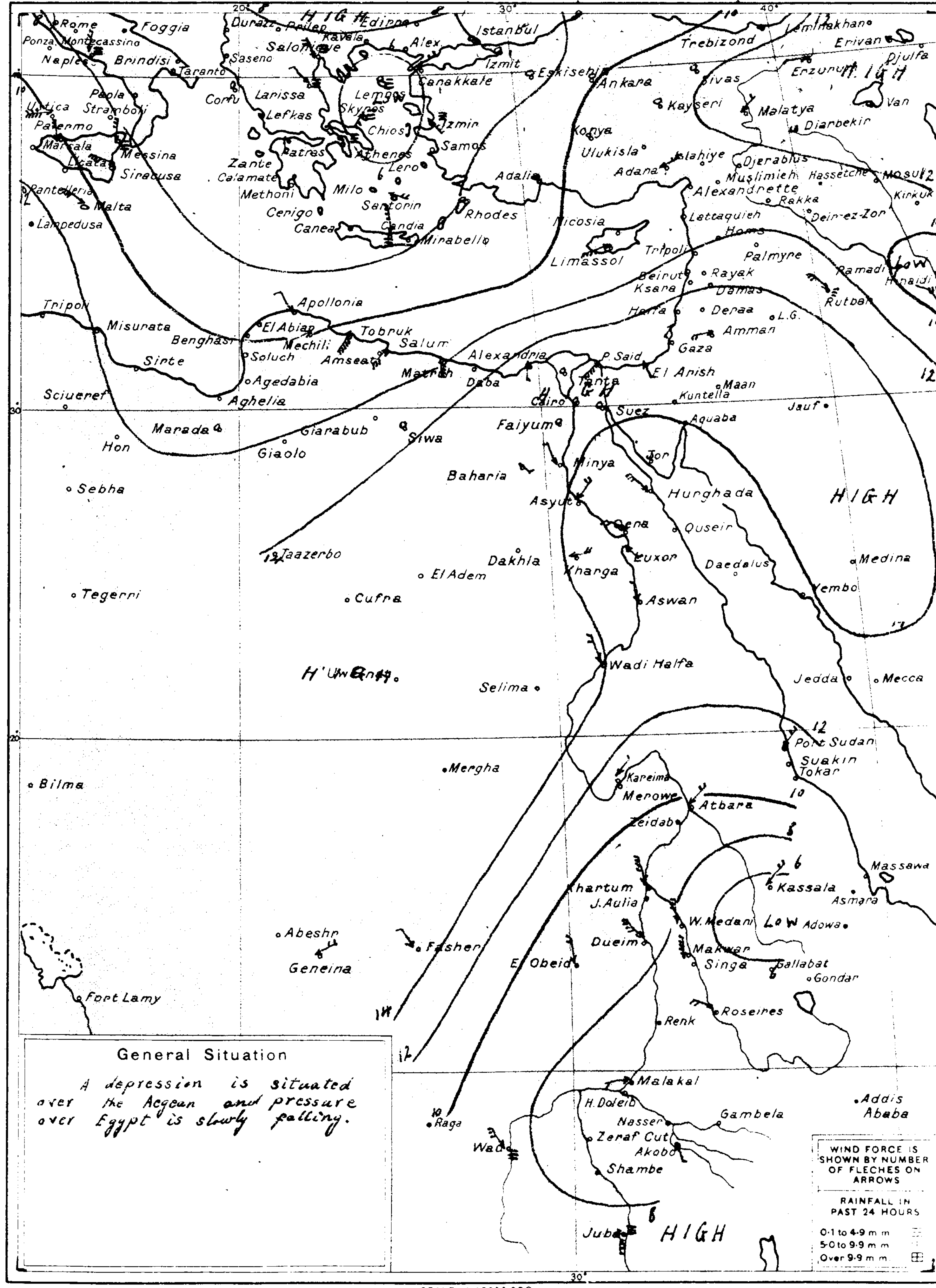
Discharges at Aswân measured by sluices m.^{3} per sec.

Date	1937	1936
5-4	753	811
4-4	754	813

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-4	13.10	-0.18	13.12	-0.16
Nâsser	4-4	4.76	-0.45	4.76	-0.43
Malakâl	5-4	9.89	-0.16	9.90	-0.16
Roseires	5-4	11.59	+0.26	11.63	+0.30
Sennâr Res.	4-4	17.30	—	17.44	—
Khartûm	4-4	9.97	-0.30	9.98	-0.28
Kh. el Girba					
'Atbara	4-4	9.78	-0.19	9.80	-0.17
Kajnarti	5-4	131.84	-0.07	131.89	-0.03
Wâdi Halfa					
Aswân Res.	5-4	117.77	—	117.80	—
·· D. S.	5-4	85.34	-0.26	85.35	-0.25
El Leisi	5-4	17.36	+0.38	17.38	+0.40
Rôda (Cairo)	5-4	15.75	+0.25	15.77	+0.26

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧-٤-٥ Pressure and Wind at 8 h. *5-4-1937*



General Situation

A depression is situated over the Aegean and pressure over Egypt is slowly falling.

At 8 h. on *4-4-1937* الساعة ٨ يوم ٤-٤-١٩٣٧

Station	Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry bulb °C	Max. yesterday °C	Max. diff. from norm. °C	Min. today °C	Min. diff. from norm. °C	Humidity %	Humidity diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1008	-5	S	2	19	—	—	—	—	—	—	0	—	—	—	0	—	423	ليماسول
Haifa	1011.8	-1.0	WSW	2	17.5	25	+2	14	+3	73	+13	1	—	—	—	0	345	629	حيفا
Gaza	1013.4	-0.2	—	0	16.0	24	+1	12	+1	61	+15	0	9	—	0	0	360	366	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post .... P.T. 100
Abroad .... P.T. 150

CAIRO

Time of sunrise 05 h. 38 m.

sunset 18 h. 17 m.

Month *April* 1937 ١٩٣٧ ابريل شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on *5th* — الساعة ١٤ يوم ٥ ; At 8h. on *Tuesday 6th* — الساعة ٨ يوم الثلاثاء ٦

No.	Region	Station	14h Bar. Pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1008.4	WSW	4	27.7	25	0	8	1009.9	-7.0	NNW	4	15.2	29	—	12	—	68	—	0	6	—	1	0	105	—
131	Mediterranean	MATRÛH	1008.6	S	3	27.4	24	0	4	1008.3	-7.0	NNW	5	16.8	29	+7	12	0	76	+6	2	4	Cu	1	0	143	156
150	Mediterranean	DIKHEILA																									
132	Mediterranean	ALEXANDRIA	1011.2	NW	2	25.2	45	0	9	1007.1	-7.7	WNW	6	18.2	27	+4	16	+2	75	+6	4	6	Sc	2	0	161	186
154	Mediterranean	DAMIETTA								1006.2	—	SSW	2	19.0	26	—	16	—	63	—	4	—	Cc	1	0	63	111
134	Mediterranean	PORT SAÎD	1012.2	NNE	3	23.2	61	1	7	1007.1	-6.4	SW	4	21.2	24	+1	16	+1	50	-18	3	8	Sc	2	0	34	74
135	Mediterranean	EL 'ARÎSH	1010.7	NNW	3	19.9	60	4	6	1007.4	—	SSE	2	19.8	20	—	12	—	51	—	2	5	Cs	0	0	—	—
136	Lower Egypt	DAMANHÛR								1006.0	-9.0	WSW	3	19.0	27	+1	15	+5	76	+6	3	8	Ac	2	0	68	105
137	Lower Egypt	MANSÛRA								1007.1	—	SSW	1	18.3	27	0	13	+2	55	-16	2	4	Cc	1	0	27	51
138	Lower Egypt	TANTA								1007.2	-8.7	N	3	18.5	28	+1	15	+4	55	-15	4	6	As	2	0	33	39
139	Lower Egypt	ZAGÂZIG								1007.0	—	SSW	2	20.1	27	0	13	+3	54	-17	—	7	As	—	0	12	25
141	Middle Egypt (Cairo)	ALMÂZA	1011.8	NW	3	25.2	29	2	9	1007.0	—	SSW	5	23.9	27	—	15	—	32	—	2	6	Ac	1	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1011.9	NNW	2	26.7	34	1	8	1007.0	-7.2	S	3	20.7	28	+1	13	0	44	-23	3	4	Cc	1	0	9	29
	Middle Egypt (Cairo)	GÎZA	1010.0	NW	1	27.2	33	2	7	1007.0	-7.8	S	3	19.2	28	+1	14	+4	51	-17	3	5	Sc	2	0	12	26
143	Middle Egypt	HELWÂN	1010.7	—	0	25.3	29	2	7	1007.9	-6.7	SE	1	19.0	27	0	16	+3	39	-15	2	6	Ac	0	0	14	31
144	Middle Egypt	SUEZ								1008.6	-6.4	S	3	20.2	26	-1	16	+2	65	-8	1	—	—	—	0	12	25
153	Upper Egypt	FAIYÛM	1011.0	N	3	25.2	38	1	8	1007.8	-7.2	SSE	1	20.7	29	0	13	+2	42	-16	2	6	Sc	1	0	6	10
154	Upper Egypt	MINYA	1010.7	NNE	1	27.0	43	1	7	1009.0	-6.0	SSW	2	21.1	28	-1	14	+1	55	-10	1	6	Cu	0	0	16	—
155	Upper Egypt	ASYÛT	1010.6	WSW	2	28.0	27	1	8	1009.9	-4.3	SE	3	23.2	29	-1	14	+1	39	-10	0	8	—	0	0	0	5
156	Upper Egypt	QENA	1009.6	ESE	2	30.2	34	3	9	1010.6	-3.0	NNE	1	21.5	32	-3	13	-2	39	-2	0	7	—	0	0	dr.	—
157	Upper Egypt	LUXOR	1009.4	NNW	1	30.8	29	3	7	1010.6	—	ENE	1	21.8	33	—	12	—	47	—	0	8	—	0	0	dr.	—
158	Upper Egypt	ASWÂN	1007.8	W	2	30.9	23	3	8	1010.4	-2.8	—	0	21.0	32	-2	15	-2	45	+15	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1015.1	SW	1	30.7	27	0	6	1009.3	-6.0	NW	1	17.0	31	+3	14	+3	56	-4	0	6	Ci	0	0	28	7
149	Western Desert	BAHARÎYA	1010.2	WSW	2	28.2	33	0	9	1008.2	—	SSW	1	24.3	30	—	11	—	33	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1007.8	NE	1	30.0	47	0	9	1010.3	-4.0	N	1	23.0	32	0	13	-1	30	-15	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1010.2	—	0	28.7	30	2	8	1010.7	-3.8	SE	1	20.6	31	-2	12	-1	32	-6	0	8	—	0	0	dr.	—
145	Red Sea	TÔR								1009.5	-4.0	—	0	21.7	25	-2	12	-3	42	-23	0	7	—	0	0	13	14
146	Red Sea	HURGHÂDA								1009.5	-3.8	W	2	24.4	26	-2	13	-2	32	-15	0	7	St	1	0	dr.	0
147	Red Sea	QUSEIR								1009.9	-2.9	NW	1	24.4	27	0	18	-1	50	+9	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN	1008.2	NE	3	29.5	—	2	—	1009.8	-1.7	NE	1	27.5	30	-1	21	0	60	-1	1	—	—	0	0	42	107
165	North Sudan	WÂDI HALFA	1010.5	N	3	30	—	1	8	1012.1	-0.6	NNW	1	19.0	32	-3	13	-3	42	+15	0	8	—	0	—	—	—
166	North Sudan	KAREIMA	1007.3	NE	2	35	—	0	8	1010.1	-1.1	NE	1	25.0	36	-3	20	0	33	+14	0	8	Ci	0	0	dr.	1
167	North Sudan	'ATBARA	1003.6	S	2	38.4	—	0	—	1008.7	-1.0	NE	3	27.3	38	0	18	-2	30	+15	0	—	—	0	0	5	1
168	North Sudan	KHARTÛM	1003.8	NW	3	39	—	1	8	1009.0	+0.5	N	3	25.6	40	0	19	-2	19	+2	2	8	Ci	1	0	4	5
170	North Sudan	KASSALA	999.5	NNE	1	39	—	0	8	1006.2	-1.6	—	0	28.8	40	0	20	-1	52	+13	1	8	Ci	0	0	dr	11
171	Central Sudan	WAD MEDANI	1002.3	W	2	39.0	—	0	—	1009.0	+0.9	N	3	28.2	40	-1	19	-2	11	-7	0	—	—	0	0	56	13
173	Central Sudan	DUEIM	1004.0	N	3	38.2	—	2	—	1009.3	-0.5	NW	3	25.6	40	0	18	-1	13	-4	0	—	—	0	0	21	18
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES	1002.7	WNW	3	39.5	—	0	—	1006.6	-1.2	N	2	28.3	42	+2	18	-3	23	-6	0	—	—	0	0	3	44
174	Central Sudan	EL OBEID	1002.8	NW	1	37	—	2	8	1008.1	-2.1	NNE	1	26.2	39	+1	18	0	21	-4	2	8	Ci	1	0	31	21
175	Central Sudan	EL FÂSHER	—	S	2	37.0	—	0	—	—	—	NW	2	25.0	39	+1	17	0	8	-12	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	—	NE	1	38	—	4	8	—	—	NNE	2	29.6	39	0	24	+1	21	-19	3	8	Cs	1	0	81	105
177	S. Sudan	WAU	1003.8	W	3	36.4	—	2	—	1007.9	-0.6	W	3	28.8	37	-1	25	+3	62	-1	1	—	—	1	0	209	188
178	S. Sudan	JÛBA	1004.0	NE	2	35	—	3	8	1010.4	+0.5	SE	2	26.2	38	+2	23	+1	69	-3	4	9	Cb	1	0	198	199
179		Geneina	1011.3	S	3	37	—	2	8	—	—	—	0	23.0	40	—	16	—	12	—	4	8	Ac	1	0	—	—
180		Gallabat	1000.0	NNW	4	38.5	—	0	—	—	—	S	3	30.5	39	—	22	—	36	—	0	—	—	0	0	—	—

Upper Wind Observations on *6th* — ارصاد الرياح العليا يوم ٦

(Dir. E. of N. / Kms. per hour)

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Almaza 07h.30m. Dir.	Kms	Cairo 08h.15m. Dir.	Kms	Helwan 08h.30m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	Wadi Halfa 06h.00m. Dir.	Kms	Kareima 06h.00m. Dir.	Kms	Khartum 06h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	El Obeid 06h.30m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Juba 06h.00m. Dir.	Kms	Salum 5th 13h.00m. Dir.	Kms
200	340	19	310	54	190	52	190	51	200	18	—	—	—	—	20	11	—	—	—	—	—	—	—	—	—	—	—	—	230	30
500	—	—	310	51	210	70	210	63	200	48	180	17	20	20	10	24	10	31	30	18	70	8	—	—	—	—	290	35	—	—
1000	340	42	300	39	250	47	250	46	210	33	230	17	340	14	350	14	10	29	20	16	50	14	40	43	100	32	310	21	20	7
1500	320	45	280	48			310	33	260	39	290	28	290	19	0	24	10	31	10	8	100	8	0	13	240	24	300	3	30	20
2000	310	42	260	63			300	34	270	47	310	29			10	27	10	24	320	34			290	8	250	47	20	2		
3000	280	75					Ent. Cu		250	63	320	39					290	26	280	56			290	26			130	19		
4000									Emb. Ac.								300	40	290	66										
5000																														
6000																														

Forecast for 24 hours from noon on *6th*

On the coast fresh west to northwest winds, strong at times.

Inland fresh southerly winds, veering during the day to northwest, with fall in temperature.

Some low cloud later. Possibly light showers near the coast. Cooler tomorrow but temperature slightly above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٦

رياح شمالية بين غربية وشمالية غربية وتشتد احيانا على الساحل.

ورياح جنوبية شديدة نوعا ثم تتحول الى شمالية غربية اثناء النهار

مع هبوط في درجة الحرارة في الداخل.

يظهر بعض السحاب المنخفض ويحتمل تساقط رذاذ خفيف بالقرب

من السواحل. تهبط درجة الحرارة باكر ولكن تظل فوق

المعدل قليلا.

Station	Mean of day: Humidity % on 5th	Diff. from normal	Wet bulb temp. °C on 5th	Diff. from normal
Alexandria	71	+5	15.6	+1.4
Ezbekiya	55	+1	15.8	+0.9
Giza	64	+10	15.6	+1.1
Helwân	48	+5	14.5	+1.8

Gîza Grass minimum on *6th* 9.3 °C

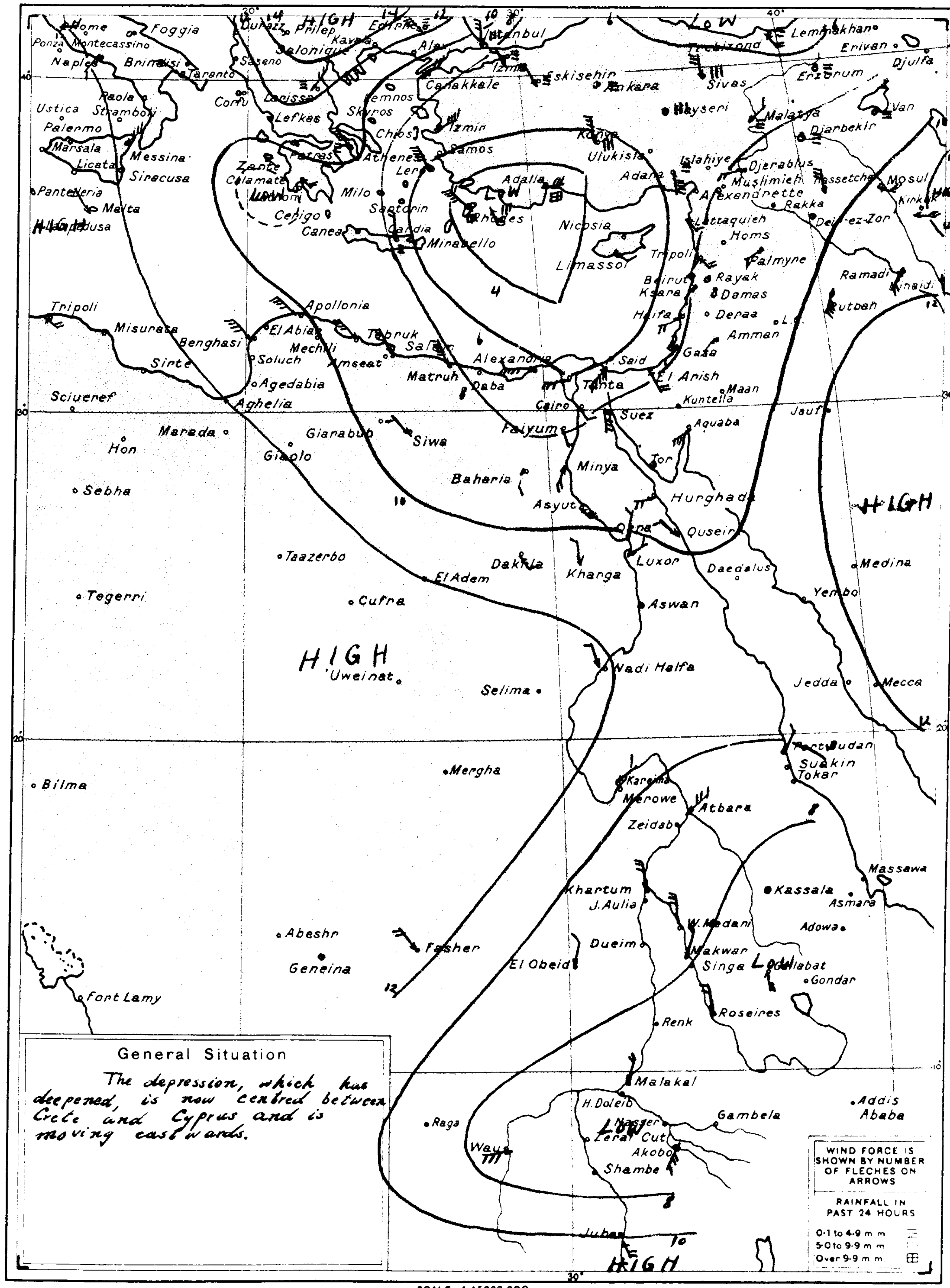
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
6-4	753	814
5-4	753	811

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	5-4	13.10	-0.18	13.12	-0.16
Nâsser	5-4	4.73	-0.49	4.76	-0.45
Malakâl	6-4	9.89	-0.16	9.89	-0.16
Roseires	6-4	11.54	+0.21	11.59	+0.26
Sennâr Res.	5-4	17.18	—	17.30	—
Khartûm	5-4	9.95	-0.33	9.97	-0.30
Kh. el Girba					
'Atbara	5-4	9.77	-0.20	9.78	-0.19
Kajnarti	5-4	131.84	-0.07	131.89	-0.03
Wâdi Halfa					
Aswân Res.	6-4	117.75	—	117.77	—
Aswân D. S.	6-4	85.34	-0.26	85.34	-0.26
El Leisi	6-4	17.36	+0.38	17.36	+0.38
Rôda (Cairo)	6-4	15.75	+0.25	15.75	+0.25

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8h. *6-4-1937* — ١٩٣٧-٤-٦



General Situation

The depression, which has deepened, is now centred between Crete and Cyprus and is moving eastwards.

SCALE 1:15,000,000

Kms 200 100 0 200 400 600 Kms

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumuius	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on *5-4-1937* — الساعة ٨ يوم ٥ - ٤ - ١٩٣٧

Station	Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1011	-2	WSW	4	18	—	—	—	—	—	—	0	—	—	—	0	—	424	ليماسول
Haifa	1013.8	+1.0	WSW	2	19.4	22	-2	14	+2	65	+5	1	—	—	—	0	345	630	حيفا
Gaza	1014.2	+0.7	—	0	17.8	26	+3	11	0	78	+12	0	9	—	0	0	360	366	غزة

ANNUAL SUBSCRIPTION

Inland Post ..... P.T. 100

Abroad ..... P.T. 150

CAIRO
Time of sunrise 05 h. 37 m.
sunset 18 h. 17 m.

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on *6th* — الساعة ١٤ يوم ٦

No.	Region	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	Mediterranean	SALÛM	1010.6	NNE	5	17.6	74	1	7
131	Mediterranean	MATRÛH	1009.8	NW	4	18.3	70	2	4
150	Mediterranean	DIKHEILA	1010.0	NW	3	18.6	86	2	—
132	Mediterranean	ALEXANDRIA	1009.0	NW	5	20.7	63	3	8
159	Mediterranean	DAMIETTA							
134	Mediterranean	PORT SAÎD	1007.8	NW	5	24.2	66	0	7
135	Mediterranean	EL 'ARÎSH	1006.4	NNW	3	23.2	56	2	6
136	Lower Egypt	DAMANHÛR							
137	Lower Egypt	MANSÛRA							
138	Lower Egypt	TANTA							
139	Lower Egypt	ZAGÂZÎG							
141	Middle Egypt (Cairo)	ALMÂZA	1007.1	NNW	3	29.9	29	0	7
	Middle Egypt (Cairo)	EZBEKÎYA	1006.3	W	2	31.3	25	0	8
	Middle Egypt (Cairo)	GÎZA	1005.6	W	3	31.1	21	1	7
143	Middle Egypt	HELWÂN	1006.0	SW	3	31.6	11	1	8
144	Middle Egypt	SUEZ							
153	Upper Egypt	FAIYÛM	1006.3	WSW	3	33.5	13	1	8
154	Upper Egypt	MINYA	1006.7	SW	1	33.8	26	0	7
155	Upper Egypt	ASYÛT	1007.2	WSW	2	34.0	13	0	8
156	Upper Egypt	QENA	1008.0	SW	1	33.6	20	0	9
157	Upper Egypt	LUXOR	1007.8	WSW	3	34.7	23	0	8
158	Upper Egypt	ASWÂN	1007.5	—	0	33.0	21	0	8
148	Western Desert	SÎWA	1008.6	—	0	25.7	27	0	6
149	Western Desert	BAHARÎYA	1006.3	WSW	6	34.5	24	0	9
151	Western Desert	KHÂRGA	1008.2	N	5	34.5	15	0	9
152	Western Desert	DÂKHLA	1006.0	NW	2	36.5	23	0	8
145	Red Sea	TÔR							
146	Red Sea	HURGHÂDA							
147	Red Sea	QUSEIR							
169	Red Sea	PORT SUDAN	1008.0	ENE	2	30.0	—	1	—
165	North Sudan	WÂDI HALFA	1009.6	NNE	2	31	—	0	8
166	North Sudan	KAREIMA	1006.7	NNW	4	36	—	1	8
167	North Sudan	'ATBARA	1004.0	W	3	38.0	—	0	—
168	North Sudan	KHARTÛM	1004.9	N	3	40	—	2	8
170	North Sudan	KASSALA	1000.8	WSW	3	40	—	1	8
171	Central Sudan	WAD MEDANI	1003.1	NNE	2	39.9	—	0	—
173	Central Sudan	DUEIM	1004.0	NE	3	38.6	—	2	—
	Central Sudan	RENK							
172	Central Sudan	ROSEIRES	1002.6	WNW	2	41.3	—	0	—
174	Central Sudan	EL OBEID	1004.5	E	2	39	—	2	7
175	Central Sudan	EL FÂSHER	—	SSW	1	38.0	—	0	—
176	S. Sudan	MALAKÂL	—	SE	2	41	—	4	8
177	S. Sudan	WÂU	1004.6	SW	2	37.4	—	2	—
178	S. Sudan	JÛBA	1005.2	ENE	3	34	—	4	8
179		Geneina	1012.2	W	2	35	—	2	8
180		Gallabat	999.5	N	2	37.5	—	0	—

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

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
SALÛM	1013.0	-3.9	ENE	2	15.1	26	—	13	—	85	—	4	5	Ac	2	0	105	—
MATRÛH	1012.4	-2.8	ENE	2	16.3	22	0	13	+1	76	+6	3	4	Sc	2	0	143	156
DIKHEILA	1013.1	—	NNE	4	17.8	20	—	16	—	80	—	3	8	Sc	2	0	—	—
ALEXANDRIA	1011.8	-2.9	ENE	4	17.4	22	-1	15	+1	70	+1	3	8	Cu	2	0	161	187
DAMIETTA	1011.6	—	NNW	1	19.5	26	—	12	—	68	—	2	—	Ci	1	0	63	11
PORT SAÎD	1012.6	-0.9	NE	2	20.2	26	+3	16	+1	64	-3	1	8	Ac	1	0	34	74
EL 'ARÎSH	1012.0	—	—	0	20.6	31	—	12	—	64	—	0	6	—	0	0	—	—
DAMANHÛR	1012.6	-2.3	NE	2	18.9	24	-2	11	0	65	-4	2	7	Cc	1	0	68	105
MANSÛRA	1011.9	—	N	1	17.2	27	0	11	0	73	+2	0	6	Ci	0	0	27	51
TANTA	1012.3	-3.5	NNE	1	17.0	27	-1	9	-2	70	+1	1	7	Ci	1	0	33	40
ZAGÂZÎG	1012.4	—	NNW	2	17.4	28	+1	10	0	74	+3	1	8	Cs	0	0	12	25
ALMÂZA	1012.4	—	NE	3	16.6	30	—	10	—	75	—	2	8	Ac	1	0	—	—
EZBEKÎYA	1011.8	-2.4	N	4	17.0	32	+5	12	-1	72	+5	2	6	Ac	1	0	9	29
GÎZA	1011.6	-3.2	NNE	3	16.6	33	+6	10	0	74	+6	2	6	Cs	1	0	12	26
HELWÂN	1012.2	-2.4	NE	3	16.6	32	+5	14	+1	69	+15	1	7	Ac	0	0	14	31
SUEZ	1012.4	-2.5	N	3	17.5	31?	+4	15	+1	75	+3	0	—	—	—	0	12	25
FAIYÛM	1011.6	-3.4	NNE	3	17.4	34	+5	14	+2	68	+11	2	7	Cu	1	0	5	10
MINYA	1011.2	-3.7	NNW	2	18.8	34	+5	14	+1	66	+1	1	7	Cu	0	0	16	—
ASYÛT	1010.3	-3.9	WSW	3	19.0	35	+5	13	-1	61	+13	0	8	—	0	0	0	5
QENA	1009.3	-4.3	ENE	1	22.8	34	-1	14	-1	33	-7	0	7	—	0	0	dr.	—
LUXOR	1009.1	—	WSW	2	25.0	35	—	12	—	36	—	0	8	—	0	0	dr.	—
ASWÂN	1009.6	-3.6	—	0	24.3	35	0	17	0	48	+18	0	8	—	0	0	1	—
SÎWA	1011.0	-4.3	E	1	17.7	28	0	13	+2	68	+8	0	6	Ci	0	0	28	7
BAHARÎYA	—	—	NE	3	17.0	34	—	13	—	71	—	0	7	—	0	0	26	—
KHÂRGA	1009.5	-4.7	NE	5	19.8	37	+5	15	+1	58	+13	0	9	—	0	0	0	0
DÂKHLA	1010.7	-3.7	—	0	21.0	37	+4	15	+2	41	+3	0	8	—	0	0	dr.	—
TÔR	1010.4	-3.1	NW	3	21.3	32	+5	12	-3	79	+14	0	6	—	0	0	13	14
HURGHÂDA	1010.3	-3.0	WNW	3	22.5	29	+1	16	+1	50	+3	6	6	Ci	1	0	dr.	0
QUSEIR	1009.0	-3.7	SE	1	25.8	29	+2	19	0	56	+15	0	7	—	0	0	1	7
PORT SUDAN	1010.7	-0.7	N	1	28.3	31	0	23	+2	59	-2	2	—	—	0	0	42	107
WÂDI HALFA	1010.9	-1.7	NW	1	19.3	34	-1	15	-1	46	+19	0	8	—	0	—	—	—
KAREIMA	1009.6	-1.5	ENE	1	24.0	37	-2	15	-5	39	+20	1	8	Sc	0	0	dr.	1
'ATBARA	1008.8	-0.8	NNW	3	27.0	37	-1	18	-2	29	+14	0	—	—	0	0	5	1
KHARTÛM	1008.6	+0.1	NNE	3	25.4	41	+1	19	-2	22	+6	3	7	Ci, Ac	1	0	4	5
KASSALA	1006.8	-0.9	—	0	20.2	41	+1	18	-4	42	+4	2	8	Ci	0	0	dr.	11
WAD MEDANI	—	—	N	3	28.0	40	-1	20	-1	10	-7	0	—	—	0	0	56	13
DUEIM	[illegible]	-1.3	N	3	30.4	40	0	21	+2	17	0	1	—	—	0	0	21	13
RENK																		
ROSEIRES	1007.2	-0.5	W	2	27.9	43	+3	19	-3	17	-12	0	—	—	0	0	3	44
EL OBEID	1007.2	-2.9	NE	3	21.3	40	+2	19	+1	31	+5	2	8	Ci	1	0	31	21
EL FÂSHER	—	—	WNW	2	22.4	40	+2	20	+3	52	+32	2	—	—	0	0	0	8
MALAKÂL	—	—	W	1	29.5	41	+2	23	0	46	+5	4	8	As	1	0	81	106
WÂU	1007.9	-0.6	W	3	24.8	40	+2	23	+1	77	+14	3	—	—	2	dr.	209	190
JÛBA	1010.0	+0.1	SSE	4	27.6	37	+1	25	+3	57	-16	3	9	Sc	1	dr.	198	203
Geneina	—	—	E	1	24.4	41	—	16	—	15	—	2	8	Cs	0	0	—	—
Gallabat	—	—	—	0	28.8	40	—	23	—	62	—	0	—	—	4	0	—	—

Upper Wind Observations on *7-4-37* — ارصاد الرياح العليا يوم ٧-٤-١٩٣٧

(Dir. E. of N. / Kms. per hour)

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Dikheila 08h.00m. Dir.	Kms	Almaza 08h.00m. Dir.	Kms	Cairo 08h.15m. Dir.	Kms	Helwan 08h.45m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	Wadi Halfa 06h.00m. Dir.	Kms	Kareima 05h.00m. Dir.	Kms	Khartum 04h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Juba 07h.00m. Dir.	Kms
200	70	11	50	18	30	26	40	22	40	17	50	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	40	16	30	24	60	28	70	25	50	20	10	17	90	9	100	31	30	37	30	27	—	—	—	—	—	—	270	40
1000	50	16	10	16	30	24	100	19	70	20	140	8	270	8	50	14	80	14	50	24	30	24	10	21	70	47	210	34	270	69
1500	Ent. Cu.		Ent. St.		350	14	230	13	270	13	240	11			350	16	30	18	30	10	Calm		0	11	70	24	230	48	290	34
2000							260	35	270	39	Ent. Cu.						40	26	350	21	310	24	200	14			230	35	230	18
3000									Ent. Cc.										330	11							230	18	160	18
4000																			280	16										
5000																														
6000																														

Forecast for 24 hours from noon on *7th*

Fresh north to northeast winds.
Clear or occasional high cloud.
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٧

رياح نشطة شمالية الى شمالية شرقية. السماء صحو أو بظهور قليل من السحاب العالى ولا تتغير درجة الحرارة إلا قليلا

Station	Mean of day Humidity % on 6th	Diff. from normal	Wet Bulb Temp. °C on 6th	Diff. from normal
Alexandria	71	+4	15.4	+1.2
Ezbekiya	46	-8	16.0	+1.0
Gîza	50	-4	15.4	+0.8
Helwân	39	-3	14.0	+1.3

Gîza Grass minimum on *7th* 6.3 °C

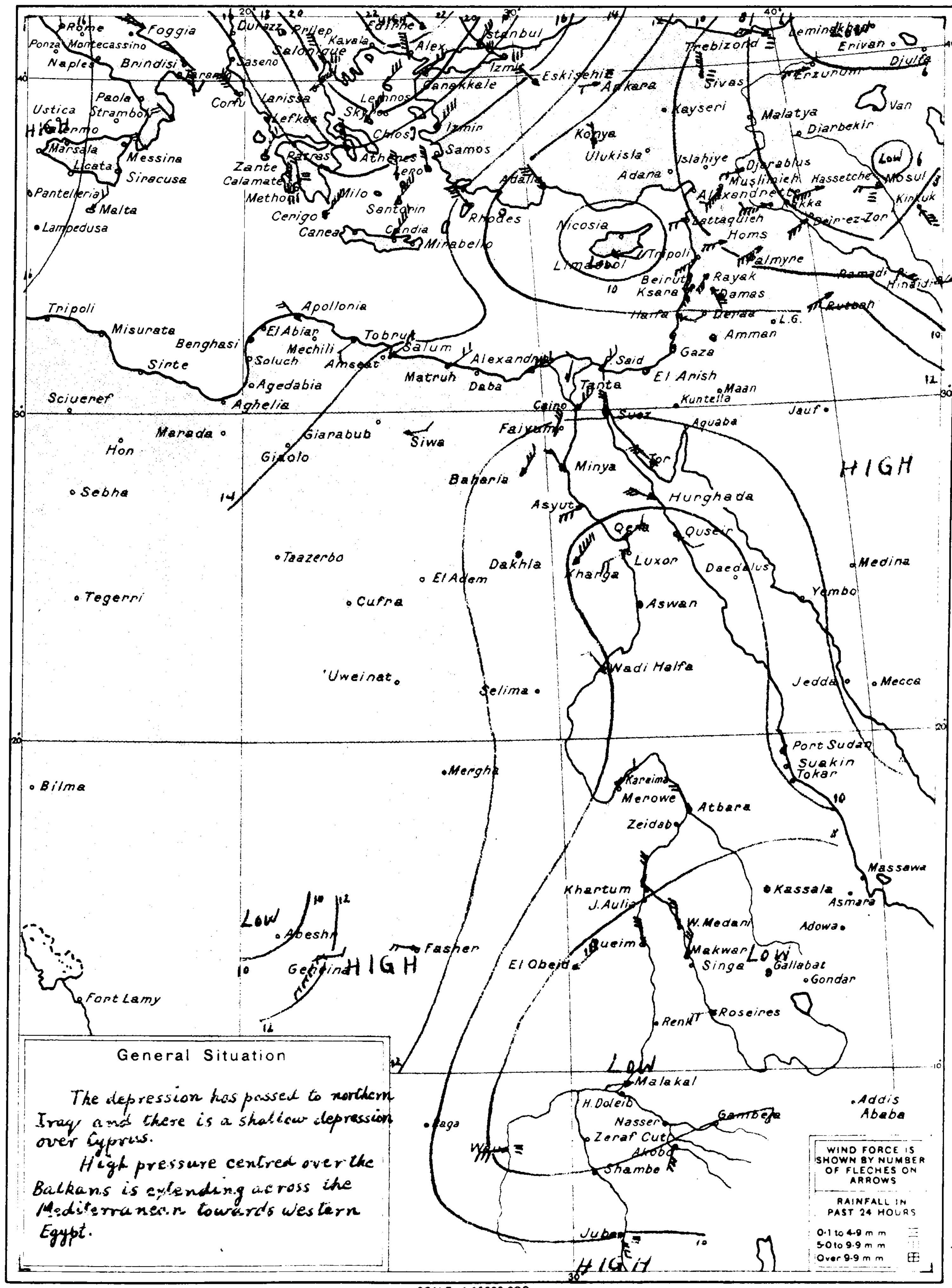
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
7-4	752	814
6-4	753	814

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	6-4	13.15	-0.19	13.10	-0.18
Nâsser	6-4	4.73	-0.52	4.73	-0.49
Malakâl	7-4	9.89	-0.16	9.89	-0.16
Roseires	7-4	11.58	+0.18	11.54	+0.21
Sennâr Res.	6-4	17.05	—	17.18	—
Khartûm	6-4	10.00	-0.30	9.95	-0.33
Kh. el Girba					
Atbara	7-4	9.76	-0.21	9.97	-0.20
Kajnarti	7-4	131.8[illegible]	-0.08	131.84	-0.06
Wâdi Halfa					
Aswân Res.	7-4	117.71	—	117.75	—
" D. S.	7-4	85.34	-0.25	85.34	-0.26
El Leisi	7-4	17.38	+0.40	17.36	+0.38
Rôda (Cairo)	7-4	15.73	+0.23	15.75	+0.25

Printed by the Survey of Egypt. 1936 (36/530)

١٩٣٧-٤-٧ Pressure and Wind at 8h. *7-4-1937*



General Situation

The depression has passed to northern Iraq and there is a shallow depression over Cyprus.
High pressure centred over the Balkans is extending across the Mediterranean towards western Egypt.

At 8 h. on *6-4-1937* — الساعة ٨ يوم ٦-٤-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1005	-8	ESE	1	18	—	—	—	—	—	—	4	—	—	—	0	—	424	ليماسول
Haifa	1008.3	-4.4	WSW	2	17.4	23	-1	11	-1	68	+8	2	—	—	—	0	345	630	حيفا
Gaza	1008.6	-4.8	SW	1	20.2	24	+1	11	0	62	-4	2	5	—	1	0	360	366	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

Nasser River Gauge readings for 18 & 19. 3-37 published on 19-21/3-37 should read 4.83 & 4.84 instead of 4.84 & 4.83 respectively.

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. m. 05 36
sunset h. m. 18 18

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 7th (الساعة ١٤ يوم ٧) — At 8h. on Thursday 8th (الساعة ٨ يوم الخميس ٨)

No.	Region	Station	14h Bar. pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present weather	14h Visibility	8h Bar. pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1014.6	ENE	3	16.9	68	4	7	1015.1	-1.8	E	4	14.4	19	—	14	—	76	—	4	5	Ac	2	0	105	—
131	Mediterranean	MATRÛH	1013.9	NE	3	18.0	67	4	4	1014.4	-0.8	—	0	12.6	19	-3	12	0	93	+23	4	4	Ns	6	11	154	156
150	Mediterranean	DIKHEILA	1013.6	NNW	3	18.3	85	2	—	1013.8	—	NE	4	17.7	19	—	16	—	86	—	1	8	Ac	1	0	—	—
132	Mediterranean	ALEXANDRIA	1012.7	NNE	3	20.2	62	5	9	1013.3	-1.4	ENE	4	17.8	22	-1	15	+1	75	+6	2	8	Cu	2	0	161	187
159	Mediterranean	DAMIETTA								1013.0	—	NNE	1	20.5	24	—	16	—	73	—	2	—	Cs	0	0	63	111
134	Mediterranean	PORT SAÏD	1012.8	SW	2	23.0	53	0	8	1013.5	+0.1	NE	4	20.2	23	0	17	+2	68	+1	0	7	—	0	0	34	74
135	Mediterranean	EL 'ARÎSH	1011.4	N	4	20.8	57	2	6	1012.6	—	ENE	2	18.3	21	—	11	—	78	—	0	7	—	0	0	—	—
16	Lower Egypt	DAMANHÛR								1013.5	-1.3	NE	3	18.8	25	-1	14	+3	64	-5	1	7	Cc	2	0	68	105
17	Lower Egypt	MANSÛRA								1012.6	—	N	2	18.5	26	-1	15	+4	68	-3	0	6	Ci	0	0	27	51
18	Lower Egypt	TANTA								1012.7	-3.1	N	4	18.0	26	-2	14	+3	74	+5	2	7	Ac	1	0	33	40
19	Lower Egypt	ZAGÂZIG								1013.3	—	NNE	3	19.2	26	-1	13	+3	69	-1	2	8	Cc	0	0	12	25
41	Middle Egypt (Cairo)	ALMÂZA	1011.4	N	2	25.4	44	0	9	1012.2	—	ENE	4	17.6	26	—	12	—	80	—	3	8	Sc	1	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1010.6	NNE	5	26.3	34	0	8	1011.6	-2.5	NNE	5	18.0	27	0	14	+1	73	+6	1	6	Ac	1	0	9	29
	Middle Egypt (Cairo)	GÎZA	1010.0	N	2	25.7	32	0	7	1011.4	-3.3	NNE	2	17.3	26	-1	14	+4	77	+9	2	6	Cs	1	0	12	26
143	Middle Egypt	HELWÂN	1009.5	N	4	26.7	22	0	7	1010.2	-4.3	NNE	7	17.8	27	0	15	+2	46	-7	3	5	Ac	3	0	14	31
144	Middle Egypt	SUEZ								1011.2	-3.7	NNW	4	19.0	28	+1	16	+2	63	-9	0	—	—	—	0	12	25
153	Upper Egypt	FAIYÛM	1009.6	NNE	3	26.5	28	1	8	1010.3	-4.6	N	5	18.2	28	-1	15	+3	66	+9	1	7	Cu	1	0	6	10
154	Upper Egypt	MINYA	1009.0	N	2	29.0	37	2	8	1008.3	-6.5	NNW	4	19.3	30	0	14	+1	68	+3	0	6	—	0	0	16	—
155	Upper Egypt	ASYÛT	1007.6	E	2	34.2	22	0	8	1007.8	-6.3	WSW	2	19.0	35	+5	14	0	60	+13	0	8	—	0	0	0	5
156	Upper Egypt	QENA	1007.2	ESE	1	37.9	21	0	9	1008.3	-5.2	E	1	26.3	38	+3	17	+2	36	-4	2	8	Ci	1	0	dr.	—
157	Upper Egypt	LUXOR	1007.1	WSW	2	37.9	20	0	8	1007.9	—	—	0	26.3	39	—	17	—	45	—	3	8	As	1	0	dr.	—
158	Upper Egypt	ASWÂN	1005.1	N	1	38.5	18	0	8	1007.4	-5.7	—	0	25.6	41	+6	20	+3	41	+12	1	8	Ci	1	0	1	—
148	Western Desert	SÎWA	1010.4	NE	2	24.0	33	0	4	1010.8	-4.4	E	2	16.7	24	-5	15	+4	69	+10	4	5	Sc	2	0	28	7
149	Western Desert	BAHARÎYA	1010.2	N	1	27.2	34	1	9	1010.7		NNE	4	18.5	29	—	14	—	67	—	1	6	Ac	1	0	26	—
151	Western Desert	KHÂRGA	1007.1	S	5	35.3	46	0	9	1006.7	-7.4	N	2	29.3	37	+4	12	-2	36	-9	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1004.4	SSW	4	38.0	12	0	7	1006.7	-7.7	—	0	25.0	39	+6	16	+3	25	-13	0	8	—	0	0	dr.	—
145	Red Sea	TOR								1008.4	-5.0	—	0	22.8	27	0	16	+1	76	+11	0	6	—	0	0	13	14
146	Red Sea	HURGHÂDA								1010.4	-2.8	NNW	2	23.8	27	-1	16	+1	50	+3	0	7	—	0	0	dr.	0
147	Red Sea	QUSEIR								1009.9	-2.8	NW	1	25.3	28	+1	21	+2	64	+23	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN	1008.3	NE	2	30.9	—	1	—	1010.7	-0.7	E	1	30.0	33	+2	25	+4	51	-9	1	—	—	0	0	42	107
165	North Sudan	WÂDI HALFA	1008.1	NE	2	35	—	0	8	1008.1	-4.4	NE	2	21.0	37	+1	16	0	41	+14	0	8	Ci	0	—	—	—
166	North Sudan	KAREIMA	—	NNW	2	35	—	2	8	1007.5	-3.6	—	0	27.0	39	0	18	-2	15	-4	2	8	Ac	1	0	dr.	1
167	North Sudan	'ATBARA	1003.7	WNW	2	38.8	—	0	—	1007.8	-1.7	SE	2	26.5	39	0	17	-3	28	+13	0	—	—	0	0	5	1
168	North Sudan	KHARTÛM	1003.3	NNW	3	41	—	2	8	1007.1	-1.4	SE	2	28.4	41	+1	21	0	17	+1	0	8	Ci/Ac	1	0	4	5
170	North Sudan	KASSALA	1001.1	N	3	39	—	2	8	1006.4	-1.3	SE	1	27.3	40	0	19	-3	37	-1	2	8	Ci	0	0	dr.	11
171	Central Sudan	WAD MEDANI	1004.0	N	3	—	—	1	—	1007.2	-0.8	N	2	30.9	41	0	21	0	13	-4	0	—	—	0	0	56	13
173	Central Sudan	DUEIM	1006.1	NW	3	41.2	—	2	—	1007.2	-1.6	NE	3	30.4	42	+2	20	0	14	-3	0	—	—	0	0	21	13
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES	1005.8	WNW	2	40.2	—	0	—	1006.4	-1.3	WNW	2	33.9	42	+2	22	+1	20	-9	0	—	—	1	0	3	45
174	Central Sudan	EL OBEID	1002.3	SE	2	39	—	3	8	1006.3	-3.8	SW	5	30.7	40	+2	26	+7	31	+5	3	8	Sc	1	0	31	21
175	Central Sudan	EL FÂSHER	—	SSW	2	35.0	—	3	—	—	—	WSW	1	27.0	38	0	24	+6	40	+20	2	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	—	SW	2	38	—	4	8	—	—	WSW	5	27.8	40	+1	25	+2	55	+13	4	8	Sc	1	0	81	106
177	S. Sudan	WAU	1005.4	WSW	3	34.8	—	2	—	1010.8	+2.3	SE	4	25.9	35	-2	19	-3	66	+2	3	—	—	2	0	209	192
178	S. Sudan	JÛBA	1004.8	SSW	4	36	—	4	6																		
179		Geneina	—	SW	3	36	—	3	8	—	—	W	3	22.0	39	—	20	—	58	—	4	8	Ac As	2	0	—	—
180		Gallabat	—	NNE	1	38.1	—	0	—	—	—	E	2	30.5	40	—	21	—	58	—	0	—	—	0	0	—	—

Upper Wind Observations on 8-4-37

ارصاد الرياح العليا يوم ٨ - ٧ - ١٩٣٧

Dir. E. of N. / Kms. per hour

Height metres above M.S.L.	Salum 07h00m. Dir.	Kms	Matruh 07h00m. Dir.	Kms	Dikheila 07h15m. Dir.	Kms	Almaza 08h00m. Dir.	Kms	Cairo 08h30m. Dir.	Kms	Helwan 09h00m. Dir.	Kms	Asyut 07h00m. Dir.	Kms	Aswan 07h00m. Dir.	Kms	Wadi Halfa 06h00m. Dir.	Kms	Kareima 05h00m. Dir.	Kms	Khartum 06h00m. Dir.	Kms	Kassala 06h00m. Dir.	Kms	El Obeid 06h00m. Dir.	Kms	Geneina 07h00m. Dir.	Kms	Salum 7th 13h00m. Dir.	Kms
200	70	19	60	16	20	31	50	51	40	63	40	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40	13
500	—	—	40	32	30	24	50	45	50	40	70	17	160	50	130	20	140	37	80	16	50	14	150	8	—	—	—	—	—	—
1000	Ent. Cu.		0	13	340	19	50	42	50	29	80	7	170	61	140	36	150	24	110	14	20	18	80	8	250	56	190	43	150	8
1500			330	20	330	26	130	10			150	13			140	36	170	18	200	6	10	26	30	8	250	42	190	45	300	5
2000			330	16			180	9			180	56					180	14	290	11	0	27	280	11	210	27	220	39	270	14
3000			280	60																	350	53	310	37			310	51	240	46
4000																											280	35		
5000																														
6000																														

Forecast for 24 hours from noon on 8th

Fresh northeast to north winds.
Much cloud at times. Conditions disturbed.
Possibly scattered showers of thunderstorm type.
Little change in temperature

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٨
رياح شديدة نوعا بين شمالية شرقية وشمالية
يكثر السحاب احيانا والطقس مضطرب
يحتمل تساقط رذاذ من طراز النوع الذي يصحب العاصفة
الرعدية في جهات متفرقة
ولا تتغير درجة الحرارة الا قليلا

Station	Mean of day: Humidity % on 7th	Diff from normal	Wet bulb temp. °C on 7th	Diff from normal
Alexandria	70	+3	14.8	+0.5
Ezbekiya	62	+8	15.7	+0.6
Gîza	60	+6	15.3	+0.6
Helwân	53	+11	14.5	+1.7

Gîza Grass minimum on 8th 10.8 °C

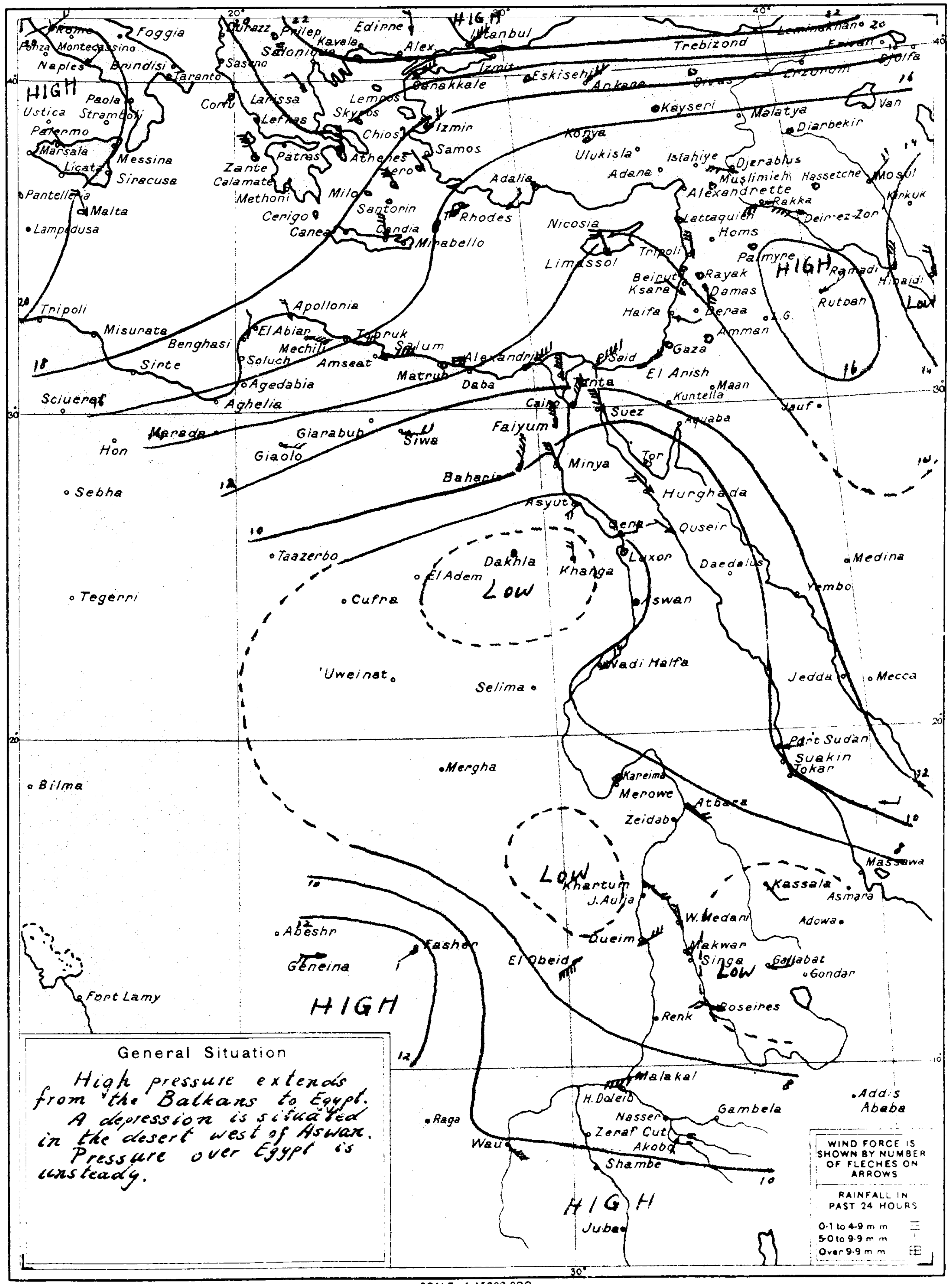
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
8-4	752	813
7-4	752	814

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	7-4	13.09	-0.20	13.10	-0.19
Nâsser	7-4	4.69	-0.56	4.72	-0.52
Malakâl	8-4	9.87	-0.18	9.89	-0.16
Roseires	8-4	11.50	+0.16	11.52	+0.18
Sennâr Res.	7-4	16.96	—	17.05	—
Khartûm	7-4	10.07	-0.25	10.00	-0.30
Kh. el Girba					
'Atbara	7-4	9.76	-0.21	9.77	-0.20
Kajnarti	7-4	131.81	-0.08	131.84	-0.06
Wâdi Halfa					
Aswân Res.	8-4	117.69	—	117.71	—
,, D. S.	8-4	85.33	-0.25	85.34	-0.25
El Leisi	8-4	17.38	+0.40	17.38	+0.40
Rôda (Cairo)	8-4	15.73	+0.23	15.73	+0.23

Printed by the Survey of Egypt 1936 (36/530)

Pressure and Wind at 8h. 8-4-1937 (١٩٣٧-٤-٨)



General Situation

High pressure extends from the Balkans to Egypt. A depression is situated in the desert west of Aswan. Pressure over Egypt is unsteady.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 7-4-1937 (الساعة ٨ يوم ٧ - ٤ - ١٩٣٧)

Station	Bar. pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1009	-4	ESE	2	17	—	—	—	—	—	—	0	—	—	—	0	—	425	ليماسول
Haifa	1011.9	-0.8	ESE	1	19.7	28	+4	15	+3	61	+1	0	—	—	—	0	345	631	حيفا
Gaza	1012.0	-1.4	—	0	18.4	30	+7	11	0	82	+16	0	9	—	0	0	360	367	غزة
Ship	53173	—	40406	—	10101	—	11982												سفينة
,,	53388	—	11506	—	24101	—	20858	—	71161	—	54005								,,

Remarks

Atbara river Gauge reading for 6-4-37 published on 7-4-37 should read 9.77 instead of 9.97.

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO
Time of sunrise h. 05 m. 35
sunset h. 18 m. 19

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 8th — الساعة ١٤ يوم ٨ — At 8 h. on Friday 9th — الساعة ٨ يوم الجمعة ٩

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALŪM	1014.0	ENE	4	14.8	77	4	6	1012.0	-4.9	N	4	13.8	16	—	13	—	80	—	5	5	Ac	5	dr	105	—
131		MATRŪH	1012.4	NE	3	15.0	89	4	4	1009.0	-6.1	NNE	3	15.8	16	-6	12	0	89	+17	4	4	Ns	6	2	156	156
150		DIKHEILA	1012.5	NNE	4	18.0	89	4	8	1009.1	—	NNE	5	17.7	19	—	17	—	92	—	3	8	Sc	1	dr	—	—
132		ALEXANDRIA	1011.4	NE	5	21.2	65	6	8	1008.2	-6.5	NE	5	17.6	22	-1	16	+2	85	+16	4	7	Cu	2	0	161	187
159		DAMIETTA								1006.2	—	NNW	3	19.5	23	—	17	—	77	—	3	—	Ac	2	dr	63	111
134		PORT SAĪD	1011.4	NE	5	20.8	70	0	7	1005.8	-7.6	NE	6	20.0	22	-1	18	+3	74	+7	3	7	Ac	2	0	34	75
135		EL 'ARĪSH	1009.1	NNW	3	20.2	73	3	6	1005.6	—	WSW	1	19.0	21	—	13	—	76	—	4	6	Cu	0	0	—	—
136	LOWER EGYPT	DAMANHŪR								1007.4	-7.3	N	4	19.1	24	-3	16	+5	71	+3	1	7	Ce	2	0	68	105
137		MANSŪRA								1006.4	—	NNE	2	18.8	26	-1	17	+6	75	+5	2	4	Ce	1	0	27	51
138		TANTA								1007.1	-8.6	N	4	17.0	26	-2	16	+4	70	+1	4	6	Sc	2	0	33	40
139		ZAGĀZĪG								1006.3	—	NNE	5	19.6	24	-3	16	+6	77	+7	3	8	As	0	0	12	25
141	MIDDLE EGYPT — CAIRO	ALMĀZA	1009.1	NE	5	25.9	55	3	9	1005.9	—	NNW	4	17.9	26	—	14	—	89	—	4	8	Cb	2	0	—	—
		EZBEKĪYA	1008.0	NE	2	26.8	39	3	7	1005.8	-8.3	NNE	3	18.1	27	0	16	+3	83	+17	4	—	Cb	2	0	9	30
		GĪZA																									
143		HELWĀN	1006.8	NNE	5	26.6	28	2	6	1005.5	-8.9	N	4	17.4	27	0	16	+3	79	+26	4	6	Sc	2	0	14	31
144		SUEZ								1005.3	-9.6	NW	3	19.5	30	+3	17	+3	72	0	4	—	—	—	0	12	25
153	UPPER EGYPT	FAIYŪM	1006.4	N	4	27.3	36	3	—	1006.0	-8.8	N	4	18.5	28	-1	16	+4	76	+20	4	6	Cb	2	0	6	10
154		MINYA	1005.5	N	2	29.6	42	2	5	1007.4	-7.3	N	3	18.0	30	0	17	+4	80	+16	4	6	Cu	2	0	16	—
155		ASYUT	1002.8	WSW	3	34.2	14	0	8	1006.6	-7.5	NW	3	19.0	38	+7	18	+4	66	+20	4	5	Cb	2	0	0	5
156		QENA	1003.2	ESE	4	38.3	16	3	9	1004.3	-9.2	WSW	7	24.2	39	+4	23	+8	41	+1	4	6	Cu	3	0	dr	—
157		LUXOR	1003.2	SSE	3	39.2	16	2	7	1003.9	—	WNW	1	27.6	40	—	25	—	42	—	4	6	Cs	2	0	dr	—
158		ASWĀN	1002.2	N	2	38.9	31	2	7	1002.4	-10.6	—	0	31.5	41	+6	25	+8	30	+1	3	7	As	2	0	1	—
148	WESTERN DESERT	SĪWA	1010.2	—	0	21.7	56	5	5	1009.6	-5.6	—	0	14.5	22	-7	9	-2	83	+24	4	6	Sc	2	dr	28	7
149		BAHARĪYA	1007.8	NE	6	25.4	44	7	3	1009.1	—	NE	2	17.3	26	—	13	—	77	—	3	6	Ac	3	0	26	—
151		KHĀRGA	1002.4	S	6	39.0	49	0	9	1007.0	-7.0	N	9	20.5	40	+7	14	0	82	+37	4	3	Sc	2	0	0	0
152		DĀKHLA	1000.2	WNW	6	34.0	13	3	6	1006.6	-7.7	NNE	3	21.0	37	+4	19	+6	39	+1	4	6	Sc	2	0	dr	—
145	RED SEA	TOR								1004.0	-9.4	S	5	25.5	33	+6	21	+6	65	0	4	6	Sc	2	0	13	14
146		HURGHĀDA								1003.5	-9.6	NW	4	23.5	30	+2	16	+1	47	0	0	7	—	1	0	dr	0
147		QUSEIR								1003.8	-8.8	N	2	25.0	28	+1	21	+2	74	+33	4	7	Ac	0	0	1	7
169		PORT SUDAN	1008.4	SE	2	31.1	—	1	—	1010.3	-1.0	SE	2	29.8	32	+1	27	+6	48	-12	3	—	—	1	0	42	107
165	NORTH SUDAN	WĀDI HALFA	1002.8	SSE	3	40	—	4	7	1006.8	-5.6	WNW	4	25.6	41	+5	25	+9	8	-18	0	4	—	3	—	—	—
166		KAREIMA	1002.9	SW	3	41	—	4	8	1005.2	-5.8	—	0	29.0	43	+4	26	+6	19	0	4	8	Ac	2	0	dr	1
167		'ATBARA	1001.8	SE	2	42.0	—	0	—	1006.6	-2.7	S	2	33.0	43	+4	29	+9	26	+11	2	—	—	0	0	5	2
168		KHARTŪM	1001.8	SW	4	41	—	0	8	1006.6	-1.8	S	3	31.1	41	+1	27	+6	37	+21	4	8	As	1	0	4	5
170		KASSALA	1099.6	E	1	42	—	2	8	1007.1	-0.5	S	7	30.6	42	+2	25	+3	48	+10	4	5	As	1	0	dr	12
171	CENTRAL SUDAN	WAD MEDANI	1001.0	—	0	42.0	—	1	—	1009.3	+1.4	S	4	30.4	42	+1	29	+8	43	+26	3	—	—	1	0	56	14
173		DUEIM	1003.5	S	3	40.2	—	1	—	1007.9	-0.8	SE	3	30.2	43	+3	21	+1	43	+26	4	—	—	2	0	21	13
		RENK																									
172		ROSEIRES	1004.3	WNW	2	39.7	—	1	—	1008.6	+0.9	SSW	1	28.8	41	+1	27	+6	43	+14	2	—	—	9	0	3	45
174		EL OBEID	1001.5	W	3	40	—	3	8	1008.3	-1.7	SW	3	29.1	40	+2	28	+9	55	+29	4	8	Sc	5	dr	31	21
175		EL FĀSHER	—							—	—	WNW	2	28.2	41	+3	24	+6	32	+12	3	—	—	0	0	0	8
176	S. SUDAN	MALAKĀL	—	SSW	7	35	—	4	6	—	—	SW	3	25.2	37	-2	24	+1	76	+33	4	7	Sc	8	dr	81	107
177		WĀU	1006.4	NW	3	34.0	—	—	—	1011.9	+3.4	SW	3	27.3	35	-2	25	+3	68	+4	2	—	—	2	0	209	194
178		JŪBA	—	NE	3	33	—	5	4	1014.5	+4.6	S	3	23.2	32	-4	21	-1	91	+18	4	8	Cb	1	5	204	211
179		Geneina	—	NE	1	33.4	—	3	—	—	—	NW	3	22.4	38	—	19	—	66	—	4	8	As	2	0	—	—
180		Gallabat	—	WNW	4	39.5	—	0	—	—	—	WSW	3	29.0	41	—	26	—	64	—	1	—	—	1	0	—	—

Upper Wind Observations on 9th — ارصاد الرياح العليا يوم ٩

Height metres above M.S.L.	Dikeila 07 h. 15 m. Dir. E. of N.	Dikeila Kms per hour	Almaza 07 h. 30 m. Dir. E. of N.	Almaza Kms per hour	Kareima 05 h. 00 m. Dir. E. of N.	Kareima Kms per hour	Khartum 06 h. 00 m. Dir. E. of N.	Khartum Kms per hour	Kassala 07 h. 00 m. Dir. E. of N.	Kassala Kms per hour	El Obeid 06 h. 30 m. Dir. E. of N.	El Obeid Kms per hour	Geneina 07 h. 00 m. Dir. E. of N.	Geneina Kms per hour	Juba 06 h. 00 m. Dir. E. of N.	Juba Kms per hour	Salum 8th 13 h. 00 m. Dir. E. of N.	Salum Kms per hour
200	20	32	10	22	—	—	—	—	—	—	—	—	—	—	—	—	60	17
500			Ent. Cb		190	24	210	40	190	37	—	—	—	—	290	19	—	—
1000					200	31	220	32	200	50	210	55	280	42	330	21	60	23
1500					—	—	210	21	220	31	330	79	270	45	300	13	60	27
2000					220	53	200	18	210	8			250	32	40	8	Ent Cb	
3000					200	42	220	19	100	10					180	21		
4000							250	11										
5000																		
6000																		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 8th	Humidity Diff from normal	Wet Bulb Temp. °C on 8th	Wet Bulb Diff from normal
Alexandria	77	+10	16.0	+1.6
Ezbekiya	61	+7	16.2	+1.0
Giza	60	+6	15.6	+0.9
Helwān	49	+7	14.5	+1.6

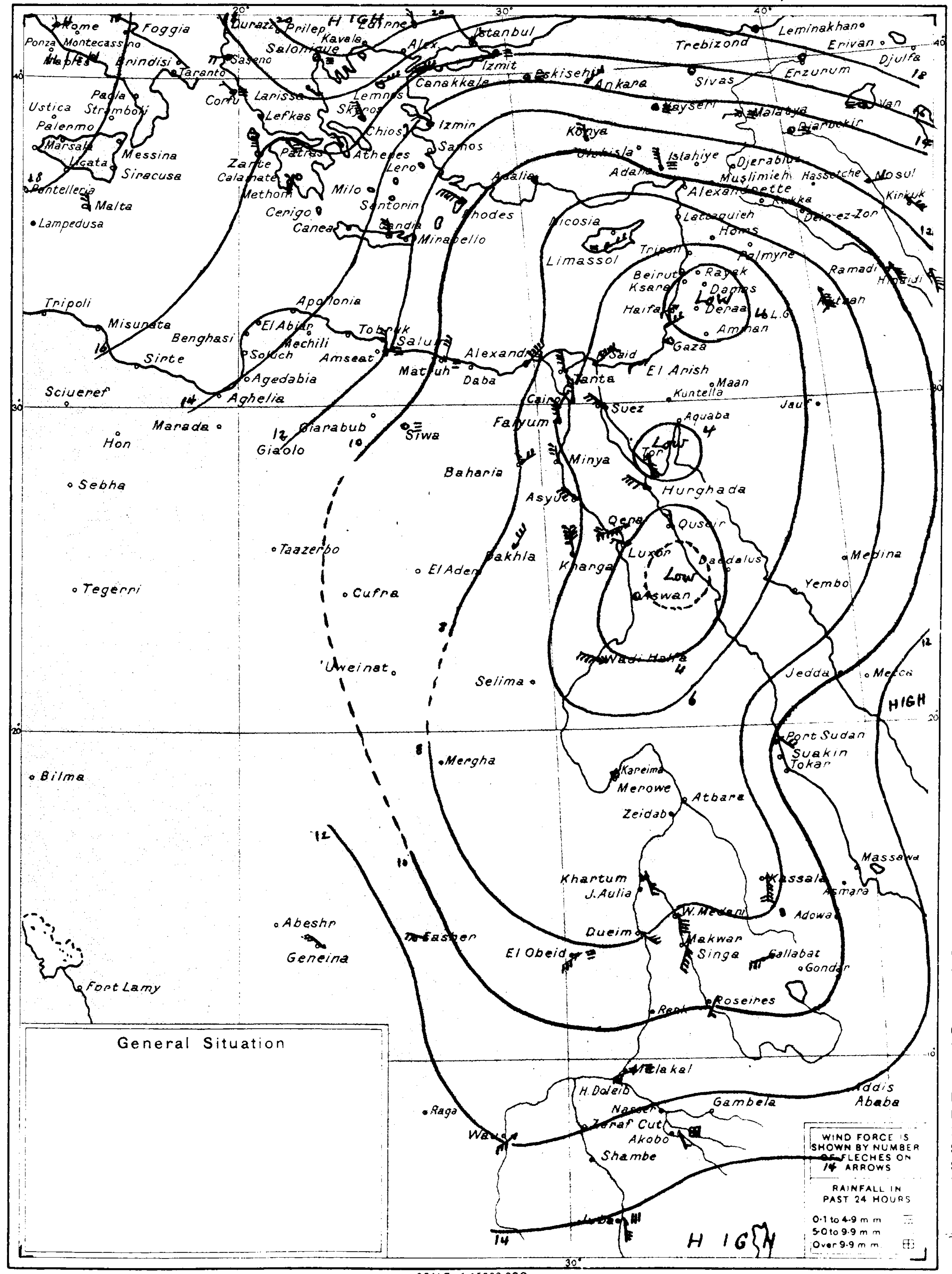
Gīza Grass minimum on 9th 12.7 °C

Discharges at Aswān measured by sluices m^3 per sec.

DATE	1937	1936
9-4	751	813
8-4	752	813

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	9.4	13.95	+0.65	13.13	-0.17
Nāsser	9.4	4.70	-0.58	4.68	-0.58
Malakāl	9.4	9.85	-0.21	9.87	-0.18
Roseires	9.4	11.46	+0.12	11.50	+0.16
Sennār Res.	8.4	16.90	—	16.96	—
Khartūm	8.4	10.11	-0.23	10.07	-0.25
Kh. el Girba					
'Atbara	9.4	9.76	-0.21	9.76	-0.21
Kajnarti	9.4	131.77	-0.11	131.78	-0.10
Wādi Halfa					
Aswān Res.	9.4	117.64	—	117.69	—
,, D. S.	9.4	85.33	-0.25	85.33	-0.25
El Leisi	9.4	17.38	+0.41	17.38	+0.40
Rōda (Cairo)	9.4	15.70	+0.20	15.73	+0.23

١٩٣٧-٤-٩ Pressure and Wind at 8 h. 9-4-1937



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 8-4-1937 — الساعة ٨ يوم ٨-٤-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1013	0	NNW	2	15	—	—	—	—	—	—	4	—	—	—	0	—	424	ليماسول
Haifa	1013.9	+1.3	ESE	1	19.2	22	-2	12	0	74	+14	0	—	—	—	0	345	631	حيفا
Gaza	1013.0	-0.3	—	0	17.2	22	-2	9	-2	77	+11	1	9	—	0	0	360	367	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. m. 05 33
sunset h. m. 18 19

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on *9th* (الساعة ١٤ يوم ٩) — At 8h. on *Saturday 10th* (الساعة ٨ يوم السبت ١٠)

No.	Station	14h Bar. Pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1011.6	N	4	15.2	66	4	7							—		—									
131	MATRÛH	1009.1	N	4	14.6	91	4	4	1010.2	-4.8	NW	5	15.4	16	-6	12	0	66	-4	2	6	Sc	1	26	182	156
150	DIKHEILA	1008.5	N	4	19.0	89	1	8	1008.4	—	NW	7	15.0	19	—	13	—	85	—	5	6	Ns	6	8	—	—
132	ALEXANDRIA	1007.4	NE	4	21.2	57	3	9	1007.1	-7.5	NW	8	13.8	22	-1	13	-1	94	+25	4	6	Cb	6	5	166	187
169	DAMIETTA								1005.5	—	SSW	2	16.0	22		13	—	89	—	5	—	As	2	5	68	111
134	PORT SAÏD	1006.3	NE	5	20.2	77	3	7	1006.3	-7.0	SW	5	17.8	22	-1	15	0	79	+12	5	5	Cb	9	4	38	75
135	EL 'ARÎSH	1004.0	—	0	20.8	79	4	6	1006.6	—	WSW	2	19.9	22	—	15	—	73	—	0	7	Cb	1	dr.	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1007.5	-7.2	NSW	3	14.5	24	-3	14	+3	92	+24	5	5	Ns	6	8	76	106
137	MANSÛRA								1005.3	—	SW	2	16.5	23	-4	12	+1	84	+14	3	4	Ac	2	14	41	51
138	TANTA								1007.4	-8.2	NW	3	14.3	24	-4	13	+1	90	+22	5	6	Cb	8	18	51	40
139	ZAGÂZÎG								1007.2	—	SSW	8	15.4	23	-4	13	+2	88	+18	4	7	Cb	0	8	20	25
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA																									
	CAIRO EZBEKÎYA	1005.4	N	1	24.0	59	4	7	1008.0	-6.0	WSW	6	14.9	25	-2	14	+1	87	+21	5	8	Cb	6	7	16	30
	CAIRO GÎZA	1005.3	NNW	2	24.0	57	4	6	1008.4	-6.2	SW	2	14.2	25	-2	13	+3	95	+28	5	5	Cb	6	3	15	26
143	HELWÂN	1005.5	—	0	22.4	56	4	6	1009.4	-4.9	SW	4	13.0	24	-4	13	-1	94	+41	5	4	Cb	6	3	17	31
144	SUEZ								1007.6	-7.2	W	4	19.3	26	-1	15	0	54	-18	3	—	—	—	tr.	12	25
	UPPER EGYPT																									
153	FAIYÛM	1006.0	N	2	24.3	24	4	6	1011.0	-3.7	WNW	5	15.5	26	-3	14	+2	69	+13	4	6	Cb	5	dr.	6	10
154	MINYA	1006.3	NW	2	22.6	29	3	7	1013.8	-0.9	WNW	6	16.4	24	-6	13	0	68	+4	3	5	Cu	2	0	16	—
155	ASYÛT	1005.8	W	3	19.2	75	5	5	1014.4	+0.4	SW	4	15.5	22	-9	13	-1	63	+17	4	6	As	2	dr.	dr.	5
156	QENA	1005.6	WSW	1	27.0	36	4	5	1013.8	+0.3	WNW	4	18.2	27	-8	16	+1	54	+14	0	8	—	0	dr.	dr.	—
157	LUXOR	1005.4	WNW	1	28.4	44	4	7	1014.2	—	WSW	4	18.9	30	—	16	—	55	—	0	8	—	1	dr.	dr.	—
158	ASWÂN	1004.2	N	4	31.8	27	6	5	1014.6	+1.7	W	2	20.0	35	0	18	+1	49	+20	3	7	Ac	1	dr.	1	—
	WESTERN DESERT																									
148	SÎWA	1008.2	NW	1	18.8	69	4	5	1014.3	-0.9	NW	3	13.0	20	-9	9	-2	67	+8	0	6	Ci	1	1	29	7
149	BAHARÎYA	1006.8	NW	2	24.7	31	2	9	1014.4	—	W	6	15.2	26	—	11	—	63	—	3	7	Sc	2	0	26	—
151	KHÂRGA	1006.4	NE	3	28.3	87	4	3	1017.9	+4.0	—	0	16.0	29	-4	13	-1	74	+29	0	9	—	0	0	0	0
152	DÂKHLA	1007.2	WNW	5	25.5	24	0	8	1016.8	+2.6	WNW	4	14.0	27	-6	11	-2	47	+10	0	7	—	0	0	dr.	—
	RED SEA																									
145	TÔR								1010.8	-2.5	NW	5	19.8	31?	+4	18	+3	57	-8	0	6	Cu	1	1	14	14
146	HURGHÂDA								1010.2	-2.8	NW	4	23.5	25	-3	16	+1	47	0	0	5	—	4	dr.	dr.	0
147	QUSEIR								1011.6	-1.0	WNW	4	23.0	24	-3	18	-1	81	+40	4	6	Sc	0	dr.	1	7
169	PORT SUDAN	1008.3	SE	2	—	—	2	—	1011.2	-0.1	NE	4	30.8	32	+1	25	+4	53	-7	2	—	—	1	0	42	107
	NORTH SUDAN																									
165	WÂDI HALFA	1006.9	NW	6	28	—	7	3	1013.6	+1.2	N	2	18.8	29	-7	17	+1	46	+20	4	5	Cs	2	dr.	—	—
166	KAREIMA	1004.3	W	4	38	—	6	6	1013.7	+2.8	NNW	2	24.5	39	0	22	+2	37	+18	8	4	Sc	4	tr.	tr.	1
167	'ATBARA	1001.9	SSW	3	41.0	—	1	—																		
168	KHARTÛM								1013.1	+4.7	NNW	3	23.3	39	-1	20	-1	74	+58	8	3	Ac,As	4	21.?	25	5
170	KASSALA	1001.4	S	2	40	—	3	7	1012.0	+4.4	NE	1	26.1	41	+1	23	+1	62	+24	8	4	As	6	11	11	12
	CENTRAL SUDAN																									
171	WAD MEDANI	1002.7	SW	3	39.4	—	—	—	1013.9	+6.0	N	3	24.0	40	-1	22	+1	72	+55	0	—	—	4	2	58	14
173	DUEIM	1004.0	S	6	39.4	—	3	—																		
182	RENK																									
172	ROSEIRES	1005.0	SW	2	29.3	—	2	—	1010.8	+3.1	NNW	3	31.3	39	-1	27	+6	42	+13	2	—	—	1	0	3	46
174	EL OBEID	1005.2	WSW	2	31	—	4	8	1012.4	+2.5	NNW	4	24.3	39	+1	23	+4	57	+30	4	6	As	9	dr.	31	21
175	EL FÂSHER								—	—	NNW	4	23.2	37	-1	22	+4	20	0	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL	—	SW	4	33	—	4	8	—	—	SE	2	29.0	35	-4	25	+2	52	+9	4	8	Ac	2	0	81	107
177	WÂU	1005.5	S	3	34.1	—	3	—	1010.8	+2.3	SW	3	27.0	35	-2	24	+2	66	+1	1	—	—	1	0	209	196
178	JÛBA	1010.9	SSW	4	29	—	4	8	1012.7	+2.8	SSE	4	25.9	31	-5	21	-1	69	-4	3	8	St	1	0	204	214
179	Geneina	—	W	4	35	—	3	8	—	—	E	2	16.1	36	—	16	—	24	—	2	6	Ac	1	0	—	—
180	Gallabat	—	W	—	—	—	—	—	—	—	ENE	3	27.0	37	—	23	—	72	—	3	—	—	—	dr.	—	—

Upper Wind Observations on *10-4-37* ارصاد الرياح العليا يوم ١٠-٤-١٩٣٧

Height metres above M.S.L.	Matruh 07h.00m. Dir. E. of N.	Kms. per hour	Cairo 08h.30m. Dir.	Kms.	Helwan 09h.30m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	Wadi Halfa 07h.00m. Dir.	Kms.	Kareima 05h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Ismailia 07h.00m. Dir.	Kms.	Abu Kir 07h.00m. Dir.	Kms.	Ramla 07h.00m. Dir.	Kms.	Amman 07h.00m. Dir.	Kms.
200	320	36	280	44	270	21	—	—	—	—	10	19	—	—	—	—	—	—	—	—	—	—	230	72	320	50	230	35	—	—
500	310	37	270	53	270	51	280	33	320	26	350	42	350	8	320	18	—	—	—	—	260	34	240	87	310	37	190	47	—	—
1000	320	48	Ent. Cb.		Ent. Cb.		290	51	310	54	330	53	350	31	0	14	350	34	0	48	260	39	240	89	310	42	230	37	260	42
1500	Ent. St.								270	30	340	27	340	43	340	14			0	34	210	14					220	58	250	63
2000															350	11			330	19	190	21								
3000																					210	34								
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on *10th*

Fresh to strong northwest winds, at times of gale force on the coast, moderating tomorrow.

Much low cloud, decreasing later.

Scattered showers.

Remaining cool, but weather improving tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٠
رياح ما بين المعتدلة والشديدة تصل قوتها احيانا لدرجة العاصفة على السواحل ثم تهبط تدريجيا غدا
يكثر السحاب المنخفض ثم يتناقص فيما بعد امطار متفرقة
ويستمر الطقس مائلا للبرودة ولكنه يأخذ في التحسن بالغد

Station	Mean of day Humidity % on 9th	Diff. from normal	Wet bulb temp. °C on 9th	Diff. from normal
Alexandria	83	+16	15.9	+1.5
Ezbekiya	74	+20	17.3	+2.0
Gîza	74	+20	17.2	+2.4
Helwân	67	+25	16.2	+3.2

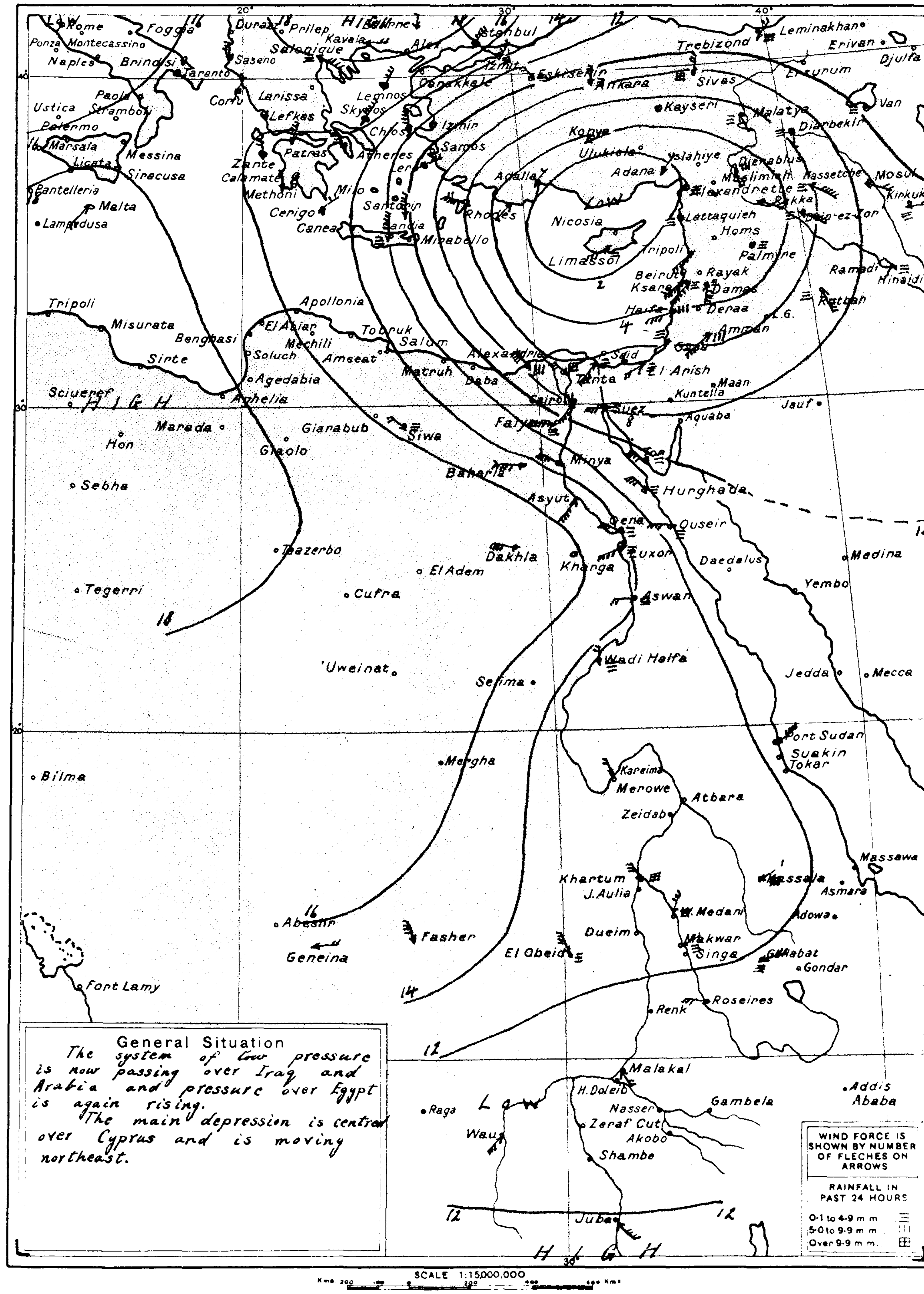
Gîza Grass minimum on *10th* 10.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
10-4	751	812
9-4	751	813

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9-4	13.95	+0.65	13.13	-0.17
Nâsser	9-4	4.70	-0.58	4.68	-0.58
Malakâl	10-4	9.84	-0.22	[illegible]	[illegible]
Roseires	10-4	11.43	+0.09	11.46	+0.12
Sennâr Res.	8-4	16.90	—	16.96	—
Khartûm	8-4	10.11	-0.23	10.07	-0.25
Kh. el Girba					
'Atbara	9-4	9.76	-0.21	9.76	[illegible]
Kajnarti	10-4	131.77	-0.10	131.77	[illegible]
Wâdi Halfa					
Aswân Res.	10-4	117.63	—	117.64	—
,, D. S.	10-4	85.33	-0.25	[illegible]	[illegible]
El Leisi	10-4	17.34	+0.38	[illegible]	[illegible]
Rôda (Cairo)	10-4	15.73	+0.23	[illegible]	[illegible]

١٩٣٧-٤-١٠ Pressure and Wind at 8h. *10-4-1937*



General Situation

The system of low pressure is now passing over Iraq and Arabia and pressure over Egypt is again rising.

The main depression is central over Cyprus and is moving northeast.

At 8 h. on *9-4-1937* الساعة ٨ يوم ٩-٤-١٩٣٧

Station	Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1007	-6	ENE	2	16	—	—	—	—	—	—	5	—	—	—	Rain	—	426	ليماسول
Haifa	1004.3	-8.3	WSW	1	21.6	22	-2	15	+3	67	+7	4	—	—	—	0	345	631	حيفا
Gaza	1004.3	-8.9	—	0	18.9	25	+1	13	+2	78	+12	3	4	—	1	0	360	367	غزة
Ship	73289 - 32906 - 18400 - 10866																		سفينة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise 05 32 h. m.
sunset 18 20

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 10th — الساعة ١٤ يوم ١٠ | At 8h. on Sunday 11th — الساعة ٨ يوم الأحد ١١

No.	STATION	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Diff from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm. °C	Min. Today °C	Min. Diff from norm. °C	Humidity %	Humidity Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
MEDITERRANEAN																										
130	SALÛM	1014.8	NW	6	17.0	46	6	5	1022.4	+5.5	WNW	3	12.0	19	—	9	—	83	—	0	6	Sc	1	0	105	
131	MATRÛH	1011.5	WNW	5	16.0	63	1	6	1020.7	+5.7	WSW	3	14.4	17	-5	12	-1	78	+8	2	6	Sc	1	0	182	156
150	DIKHEILA	1011.5	W	6	18.0	59	4	8	1020.3	—	WNW	6	14.9	19	—	13	—	64	—	2	8	Cb	5	tr.	—	—
132	ALEXANDRIA	1010.7	WNW	8	18.2	50	4	8	1019.8	+5.2	NW	7	16.2	19	-5	13	-1	55	-14	2	8	Cu	2	1	167	187
159	DAMIETTA								1017.4	—	NW	3	16.5	18	—	12	—	65	—	2	—	Ac	6	7	75	111
134	PORT SAÏD	1008.6	WNW	7	18.7	60	3	6	1018.7	+5.4	WSW	5	15.5	20	-3	13	-2	74	+7	2	7	Sc	1	tr.	38	75
135	EL 'ARÎSH	1008.2	WSW	3	16.9	83	5	5	1017.5	—	WSW	4	14.2	22	—	12	—	78	—	1	6	Cb	1	8	—	—
LOWER EGYPT																										
136	DAMANHÛR								1019.8	+5.1	SW	4	17.6	19	-8	11	0	54	-13	2	7	Cu	1	2	78	106
137	MANSÛRA								1018.3	—	SW	1	15.2	20	-7	10	-2	66	-4	0	6	Ci	0	4	45	52
[illegible]	TANTA								1019.5	+4.0	WSW	3	16.0	20	-8	10	-2	79	+11	0	7	Ci	1	3	54	41
[illegible]	ZAGÂZIG								1020.0	—	SW	5	16.8	20	-7	11	0	66	-4	1	8	Ci	—	dr.	20	25
MIDDLE EGYPT — CAIRO																										
[illegible]	ALMÂZA	1005.5	WNW	5	17.6	72	4	9	1020.6	—	W	4	14.3	19	—	10	—	82	—	0	8	—	1	2	—	—
	EZBEKÎYA	1011.4	W	2	17.9	62	5	7	1020.4	+6.4	WNW	2	15.0	20	-8	12	-1	68	+2	0	4	—	0	2	18	30
	GÎZA	1011.5	NW	3	19.0	54	5	5	1020.6	+6.1	W	2	15.0	20	-7	10	0	70	+4	0	6	—	0	1	16	26
143	HELWÂN	1011.6	W	6	18.9	45	4	6	1021.6	+7.3	S	1	13.3	20	-8	10	-4	74	+22	0	6	—	0	dr.	17	31
144	SUEZ								1020.0	+5.2	W	2	17.0	20	-8	14	-1	61	-11	3	—	—	—	1	13	25
UPPER EGYPT																										
153	FAIYÛM	1012.7	W	4	20.8	38	4	6	1022.0	+7.4	WNW	2	15.4	22	-7	9	-3	60	+4	0	7	—	0	0	6	10
154	MINYA	1013.3	NNW	2	23.4	42	2	7	1023.4	+8.8	N	3	16.5	24	-6	10	-3	65	+1	0	7	—	0	0	16	—
155	ASYÛT	1014.3	NW	3	21.8	33	2	7	1023.5	+9.6	NW	3	15.3	23	-8	11	-3	51	+5	0	8	—	0	0	dr.	5
156	QENA	1013.8	W	5	23.6	32	3	9	1022.0	+8.6	WSW	1	19.0	24	-11	13	-3	44	+4	0	8	—	0	0	dr.	—
157	LUXOR	1015.4	WNW	6	23.8	41	1	8	1022.7	—	NNW	2	19.3	24	—	15	—	51	—	0	8	—	0	0	dr.	—
158	ASWÂN	1013.8	W	5	25.0	28	0	7	1022.3	+9.4	N	1	18.4	26	-9	14	-4	42	+13	0	8	—	0	0	1	—
WESTERN DESERT																										
148	SÎWA	1016.2	NNW	3	20.4	46	0	6	1022.7	+7.6	—	0	14.9	22	-7	7	-4	77	+18	0	6	Ci	0	0	29	7
149	BAHARÎYA	1014.4	WNW	7	21.0	28	0	5	1023.6		NW	2	15.0	21	—	9	—	55	—	0	7	—	0	0	26	—
151	KHÂRGA	1015.6	NW	2	24.5	64	0	3	1024.7	+10.8	NW	1	16.2	26	-7	11	-3	77	+33	0	9	—	0	0	0	0
152	DÂKHLA	1015.6	NW	5	23.9	15	3	5	1024.4	+10.3	—	0	15.9	24	-9	9	-4	58	+21	0	9	—	0	0	dr.	—
RED SEA																										
145	TOR								1021.4	+8.2	NW	5	19.0	26	-1	13	-2	40	-25	1	7	Ci	—	0	14	14
146	HURGHADA								1021.1	+8.4	NW	5	20.2	26	-2	14	-1	42	-4	8	4	Ci	4	0	dr.	0
147	QUSEIR								1022.4	+9.8	W	4	21.2	28	0	17	-2	33	-8	0	7	—	0	0	1	7
169	PORT SUDAN	1010.7	NE	3	30.6	—	4	—	1017.1	+5.9	NNE	5	26.6	31	0	25	+4	44	-15	3	—	—	1	0	42	107
NORTH SUDAN																										
165	WÂDI HALFA	1016.7	W	5	24	—	2	7	1023.3	+11.0	NW	2	17.3	25	-11	13	-3	47	+21	0	7	Ci	0	—	—	—
166	KAREIMA	1012.8	NNW	3	39	—	6	6	1019.7	+8.8	N	4	22.0	39	0	17	-3	28	+10	4	8	Ci	1	0	tr.	1
167	ATBARA	1009.4	NNW	4	33.5	—	2	—																		
168	KHARTÛM	1011.5	NNW	6	31	—	8	4	1017.9	+9.6	N	4	22.3	31	-9	20	-1	36	+20	4	8	Ac	1	0	25	5
170	KASSALA	1007.4	NNE	2	34	—	8	4	1014.6	+7.1	NE	1	24.5	36	-4	21	-1	47	+10	4	8	Ns	1	0	11	12
CENTRAL SUDAN																										
171	WAD MEDANI	1010.6	NNE	2	30.8	—	3	—	1013.8	+5.9	N	4	25.2	33	-8	22	+1	22	+5	4	—	—	2	0	58	14
173	DUEIM	1009.5	W	5	30.6	—	3	—	—	—	NW	5	24.8	32	-9	21	+1	18	+1	4	—	—	2	0	35	13
	RENK																									
172	ROSEIRES	999.9	NNW	3	36.8	—	3	—	1012.4	+4.8	NNW	2	28.6	38	-2	25	+3	19	-11	2	—	—	2	dr.	3	46
174	EL OBEID	1008.8	N	3	32	—	8	4	1016.0	+6.1	N	3	22.0	33	-5	22	+3	50	+23	4	8	Sc	2	0	31	21
175	EL FÂSHER	—	WNW	2	31.0	—	3	—	—	—	WNW	2	21.5	37	-1	16	-2	21	+1	0	—	—	0	0	0	8
S. SUDAN																										
176	MALAKÂL	—	N	1	37	—	4	8	—	—	N	6	27.7	37	-2	25	+2	25	-19	4	6	Ci	2	1	88	108
177	WAU	1005.4	SW	3	36.0	—	3	—	1013.4	+4.8	N	3	25.2	38	+1	23	+1	86	+21	1	—	—	2	7	216	198
178	JÛBA	1007.6	S	2	34	—	4	8	1013.1	+3.2	SSW	3	24.6	37	+1	22	0	76	+2	4	6	Cb, Sc	6	11	215	218
179	Geneina	—	SE	1	30	—	4	8	—	—	E	5	20.8	36	—	12?	—	14	—	0	8	—	1	0	—	—
180	Gallabat	—	N	2	340	—	2	—	—	—	—	0	25.0	35	—	23	—	75	—	0	—	—	4	0	—	—

Upper Wind Observations on 11-4-37 — ارصاد الرياح العليا يوم ١١-٤-٣٧

Dir. = E. of N.; Kms. per hour.

Height metres above M.S.L.	Salum 07h 00m Dir.	Kms.	Matruh 07h 00m Dir.	Kms.	Dikheila 07h 30m Dir.	Kms.	Almaza 07h 00m Dir.	Kms.	Helwan 09h 00m Dir.	Kms.	Asyut 07h 00m Dir.	Kms.	Aswan 07h 00m Dir.	Kms.	Wadi Halfa 06h 00m Dir.	Kms.	Kareima 05h 00m Dir.	Kms.	Khartum 04h 00m Dir.	Kms.	Kassala 07h 00m Dir.	Kms.	El Obeid 06h 00m Dir.	Kms.	Geneina 07h 00m Dir.	Kms.	Juba 06h 00m Dir.	Kms.	Salum 10th 13h 00m Dir.	Kms.
200	300	17	310	39	300	58	260	36	190	10	—	—	—	—	20	21	—	—	—	—	—	—	—	—	—	—	—	—	60	17
500	—	—	320	45	300	54	290	35	270	12	320	31	0	37	20	47	10	47	10	48	0	27	—	—	—	—	320	19	—	—
1000	320	14	320	42	300	44	300	35	Ent. Cu		310	45	340	42	10	42	10	50	10	48	10	40	10	47	0	69	330	18	60	23
1500	310	19	320	57	300	62	290	42			310	48	340	48	0	24	340	21	330	35	40	34	30	50	60	77	150	5	60	27
2000	320	37					300	52							350	29	0	51	340	31	50	18			70	50	130	11	Ent. Cb.	
3000																	280	61			350	24								
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 11th

Fresh west to northwest winds, moderating and becoming northerly.
Much low cloud at times.
Milder tomorrow, but temperature remaining below normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١١
رياح شديدة نوعا ما غربية وشمالية غربية ثم تعتدل وتصير شمالية
يكثر السحاب المنخفض احيانا
سيكون الطقس اميل الى الدفئ باكر ولكن درجة الحرارة تستمر دون المعدل

STATION	Mean of day — Humidity % on 10th	Diff from Normal	Wet Bulb Temp °C on 10th	Diff from Normal
Alexandria	77	+10	12.7	-1.8
Ezbekiya	76	+22	13.6	-1.8
Giza	84	+30	13.4	-1.5
Helwân	77	+35	12.5	-0.5

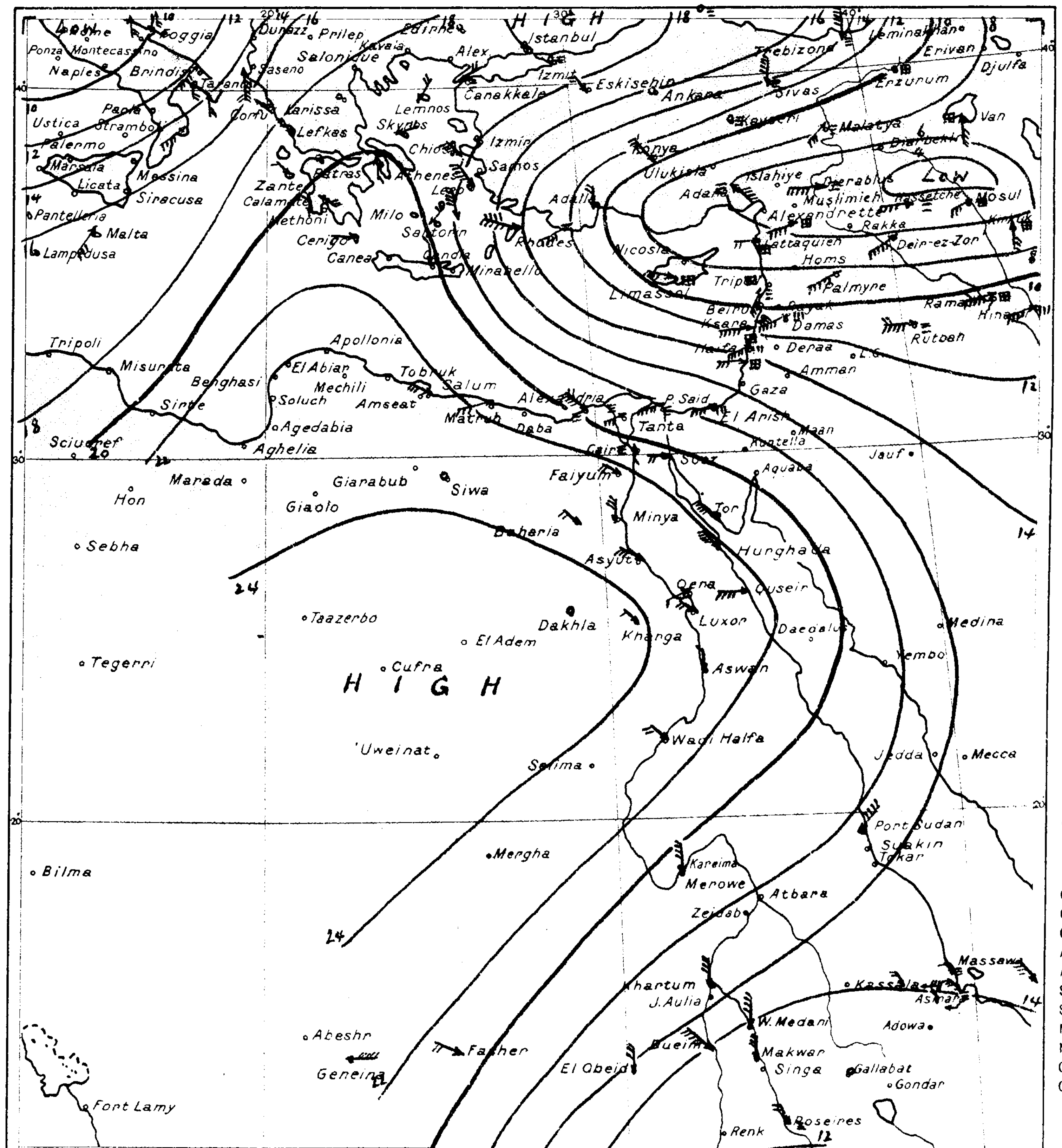
Giza Grass minimum on 11th 7.0 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1937	1936
11-4	753	822
10-4	751	812

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	10-4	13.34	+0.04	13.95	+0.65
Nâsser	10-4	4.70	-0.62	4.70	-0.58
Malakâl	11-4	9.84	-0.23	9.84	-0.22
Roseires	11-4	11.42	+0.07	11.43	+0.09
Sennâr Res.	10-4	16.74	—	16.85	—
Khartûm	10-4	10.17	-0.18	10.14	-0.20
Kh. el Girba					
Atbara	11-4	9.79	-0.19	9.78	-0.19
Kajnarti	11-4	131.73	-0.13	131.77	-0.10
Wâdi Halfa					
Aswân Res.	11-4	117.52	—	117.63	—
D. S.	11-4	85.34	-0.24	85.33	-0.25
El Leisi	11-4	17.34	+0.39	17.34	+0.38
Rôda (Cairo)	11-4	15.75	+0.24	15.73	+0.23

١٩٣٧-٤-١١ Pressure and Wind at 8h. 11-4-1937



General Situation

The depression is now passing over northern Iraq, and high pressure has formed over the Western Desert.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h. on 10-4-1937 — الساعة ٨ يوم ١٠-٤-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff from norm. °C	Min. Today °C	Diff from norm. °C	Humidity %	Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1001	-12	WSW	3	16	—	—	—	—	—	—	4	—	—	—	Rain	—	427	ليماسول
Haifa	1004.0	-8.6	WSW	4	19.2	26	+2	16	+4	76	+16	4	—	—	—	9	354	632	حيفا
Gaza	1007.9	-5.3	SE	1	18.8	24	0	16	+5	84	+18	2	5	—	1	2	362	367	غزة
Salum	1013.3	-3.6	WNW	4	12.8	16	—	9	—	66	—	0	6	Cu	1	dr.	105	—	السلوم

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt, 1936 (36/530)

CAIRO
Time of sunrise h. m. 05 31
sunset h. m. 18 20

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ١٩٣٧-٤-١٢

At 14h. on *11th* — الساعة ١٤ يوم ١١ | At 8h. on *Monday 12th* — الساعة ٨ يوم الاثنين ١٢

No.	Region	Station	14h Bar. Pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1024.2	NNE	4	17.3	68	0	7	1023.1	+6.2	WSW	5	15.7	22	—	12	—	48	—	0	6	—	0	0	105	—
131	Mediterranean	MATRÛH	1023.4	NW	4	17.6	71	1	6	1023.5	+8.6	SSW	3	16.0	18	-4	12	-1	64	-6	0	6	—	0	0	182	156
150	Mediterranean	DIKHEILA	1023.2	WNW	6	18.8	70	3	8	1025.1	—	SW	2	16.6	19	—	11	—	86	—	0	7	—	0	dr.	—	—
132	Mediterranean	ALEXANDRIA	1022.6	WNW	7	19.6	49	4	9	1024.2	+9.6	SW	2	15.5	21	-3	13	-1	87	+18	0	7	—	0	0	167	187
159	Mediterranean	DAMIETTA								1024.0	—	SSW	1	16.0	20	—	10	—	84	—	0	—	Ci	0	0	75	112
134	Mediterranean	PORT SAÏD	1021.1	WNW	7	20.3	54	1	6	1024.6	+11.4	SW	4	16.2	21	-2	13	-2	81	+14	0	6	—	0	0	38	75
135	Mediterranean	EL 'ARÎSH	1019.8	WNW	4	19.6	55	6	4	1024.0	—	WSW	2	18.0	21	—	12	—	71	—	0	7	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1025.2	+10.6	SW	2	17.0	21	-6	11	0	78	+11	8	4	—	4	0	78	106
137	Lower Egypt	MANSÛRA								1024.6	—	N	1	16.0	21	-6	9	-3	82	+13	0	7	—	0	0	45	52
[illegible]	Lower Egypt	TANTA								1024.7	+9.3	WSW	1	17.0	22	-6	9	-3	85	+18	0	7	—	0	0	54	41
[illegible]	Lower Egypt	ZAGÂZIG								1025.5	—	SW	2	16.4	22	-5	8	-3	84	+15	1	8	Ci	0	0	20	25
141	Middle Egypt (Cairo)	ALMÂZA	1020.6	N	4	20.7	55	3	9	1025.0	—	SSW	1	15.6	21	—	8	—	83	—	0	7	—	0	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1022.4	NW	3	21.1	46	3	8	1025.1	+11.2	SSE	1	16.1	22	-6	11	-2	69	+3	0	5	—	0	0	18	30
	Middle Egypt (Cairo)	GÎZA	1022.3	NW	3	22.2	42	2	7	1025.4	+11.0	SE	1	15.0	22	-6	8	-2	77	+11	0	6	—	0	0	16	26
143	Middle Egypt	HELWÂN	1022.3	WNW	4	20.0	34	3	7	1026.0	+11.8	—	0	14.8	21	-7	10	-4	75	+23	0	5	—	0	0	17	31
144	Middle Egypt	SUEZ								1025.4	+10.6	N	2	16.5	23	-5	12	-3	65	-7	1	—	—	—	0	13	25
153	Upper Egypt	FAIYÛM	1023.1	WNW	4	21.5	37	2	6	1026.3	+11.7	—	0	16.7	23	-7	9	-3	66	+11	0	7	—	0	0	6	10
154	Upper Egypt	MINYA	1022.6	NNW	2	23.1	45	0	8	1026.2	+11.7	N	1	17.3	24	-6	10	-3	63	-1	0	8	—	0	0	16	—
155	Upper Egypt	ASYÛT	1023.1	NW	3	23.2	30	0	8	1025.9	+12.1	WNW	3	17.2	24	-7	11	-3	52	+7	0	8	—	0	0	dr.	5
156	Upper Egypt	QENA	1020.6	WNW	4	26.5	21	0	9	1023.8	+10.4	ESE	1	20.0	27	-8	11	-5	41	+1	0	8	—	0	0	dr.	—
157	Upper Egypt	LUXOR	1021.2	NNW	6	25.7	33	0	8	1024.0	—	ESE	1	19.8	26	—	11	—	43	—	0	8	—	0	0	dr.	—
158	Upper Egypt	ASWÂN	1020.2	N	5	26.0	26	0	8	1023.5	+10.7	—	0	18.0	27	-8	13	-5	41	+12	0	8	—	0	0	1	
148	Western Desert	SÎWA	1023.6	SW	2	22.9	39	0	6	1025.1	+10.0	—	0	16.9	24	-5	7	-4	63	+4	0	6	Ci	0	0	29	7
149	Western Desert	BAHARÎYA	1023.6	NNW	3	21.8	45	0	7	1026.2	—	SW	1	17.3	23	—	8	—	53	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1023.1	NE	2	23.5	71	0	9	1025.9	+12.1	N	1	23.8	24	-9	18	-2	60	+16	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1023.0	NW	3	24.0	20	0	8	1026.3	+12.2	—	0	16.0	25	-9	11	-3	36	-1	0	8	—	0	0	dr.	—
145	Red Sea	TÔR								1024.4	+11.2	NW	2	18.7	24	-4	13	-2	41	-24	0	7	—	0	0	14	14
146	Red Sea	HURGHÂDA								1024.0	+11.2	NNW	5	19.9	25	-3	14	-1	67	+21	0	5	—	1	0	dr.	0
147	Red Sea	QUSEIR								1023.5	+11.0	WNW	4	21.8	26	-2	18	-1	45	+4	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN	1015.5	SSE	6	27.7	—	2	—	1019.0	+7.8	NE	7	24.5	28	-3	19	-2	53	-6	0	—	—	0	0	42	107
165	North Sudan	WÂDI HALFA	1021.5	N	3	25	—	1	7	1023.5	+11.3	N	4	17.3	26	-10	13	-4	34	+8	0	8	—	0	—	—	—
166	North Sudan	KAREIMA	1017.1	NE	4	30	—	2	8	1019.7	+8.9	NNE	4	21.0	30	-9	16	-4	26	+8	0	8	—	0	0	tr.	1
167	North Sudan	'ATBARA	1013.1	NW	2	31.8	—	0	—	1017.5	+8.4	N	4	21.0	33	-6	17	-3	55	+40	0	—	—	0	0	5	2
168	North Sudan	KHARTÛM	1014.1	N	3	30	—	3	7	1016.3	+8.0	N	6	22.8	32	-9	19	-3	25	+9	1	6	Ci	1	0	25	5
170	North Sudan	KASSALA	1008.4	N	5	35	—	4	8	1014.4	+6.9	NE	4	23.6	35	-5	21	-1	46	+9	0	8	Ci	0	0	11	12
171	Central Sudan	WAD MEDANI	1012.0	N	3	32.8	—	4	—	1014.0	+6.2	N	4	23.6	34	-7	20	-1	15	-2	0	—	—	0	0	58	14
173	Central Sudan	DUEIM	1012.8	NW	5	29.4	—	4	—	1015.6	+7.1	N	5	24.2	32	-9	19	-1	12	-5	2	—	—	2	0	35	13
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES	1008.7	WSW	2	32.4	—	1	—	1011.9	+4.3	NW	2	26.7	34	-6	19?	-3	15	-15	2	—	—	2	dr.	3	47
174	Central Sudan	EL OBEID	1013.2	N	2	27	—	4	8	1016.3	+6.5	NNE	4	21.0	30	-8	17	-2	29	+2	4	8	Ce	1	0	31	21
175	Central Sudan	EL FÂSHER								—	—	NNE	5	22.0	37	-1	18	0	15	-5	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	—	N	4	35	—	4	7	—	—	NE	4	25.7	35	-4	23	0	13	-32	3	8	Ac	8	dr.	82	109
177	S. Sudan	WÂU	1011.2	E	3	31.9	—	3	—	1012.6	+4.0	NE	3	25.3	32	-5	22	0	49	-16	1	—	—	1	0	216	200
178	S. Sudan	JÛBA	1012.9	NE	7	28	—	8	4	1013.6	+3.6	SE	2	23.8	30	-6	21	-1	91	+17	8	3	—	4	4	219	222
179		Geneina	—	NE	4	31	—	2	8	—	—	ENE	6	21.2	35	—	12	—	14	—	0	8	Ci	0	0	—	—
180		Gallabat	—	N	5	32.0	—	0	—	—	—	N	2	27.3	36	—	23	—	48	—	0	—	—	4	0	—	—

Upper Wind Observations on *12-4-37* — ارصاد الرياح العليا يوم ١٢-٤-٣٧

Dir. = Dir. E. of N.; Kms = Kms per hour

Height metres above M.S.L.	Salum 07h00m Dir.	Kms	Matruh 07h00m Dir.	Kms	Dikheila 08h00m Dir.	Kms	Almaza 07h30m Dir.	Kms	Cairo 08h30m Dir.	Kms	Helwan 08h30m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 06h00m Dir.	Kms	Kareima 05h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Juba 07h00m Dir.	Kms
200	250	30	240	38	250	20	210	9	180	10	170	5	—	—	—	—	30	27	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	280	19	310	23	60	3	230	3	100	2	350	35	20	37	20	58	20	58	10	35	40	37	—	—	—	—	230	8
1000	310	8	290	20	320	38	320	21	340	21	330	23	350	39	10	40	30	53	30	68	0	24	30	47	30	56	0	63	140	21
1500	280	17	330	17	330	38	340	39	350	34	350	35	0	36	20	24	20	45	40	27	260	5	100	8	40	60	60	51	110	58
2000	260	8	340	19	340	32	350	51			10	45			10	18	20	43	30	29	220	8	Calm		40	34	0	24		
3000	320	8	0	34	0	40											10	18	320	2					300	21	270	16		
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on *12th*

On the coast moderate to fresh southwest winds, backing later to south.

Inland light variable winds chiefly southwest.

Clear or occasional high cloud.

Temperature about normal. Becoming warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٢

رياح ما بين المعتدلة والمنعشة جنوبية غربية على الساحل تتحول الى الجنوب فيما بعد

ورياح خفيفة متقلبة الاتجاه اغلبها جنوبية غربية في الداخل

السماء صحو او يظهر بها بعض السحاب العالي

ودرجة الحرارة حول المعدل وستزداد حرارة الجو .

Station	Mean of day: Humidity % on 11th	Diff from normal	Wet bulb temp. °C on 11th	Diff from normal
Alexandria	61	-6	13.0	-1.6
Ezbekiya	62	+9	13.2	-2.3
Giza	60	+6	13.1	-1.9
Helwân	58	+16	11.6	-1.5

Giza Grass minimum on *12th* 4.3 °c

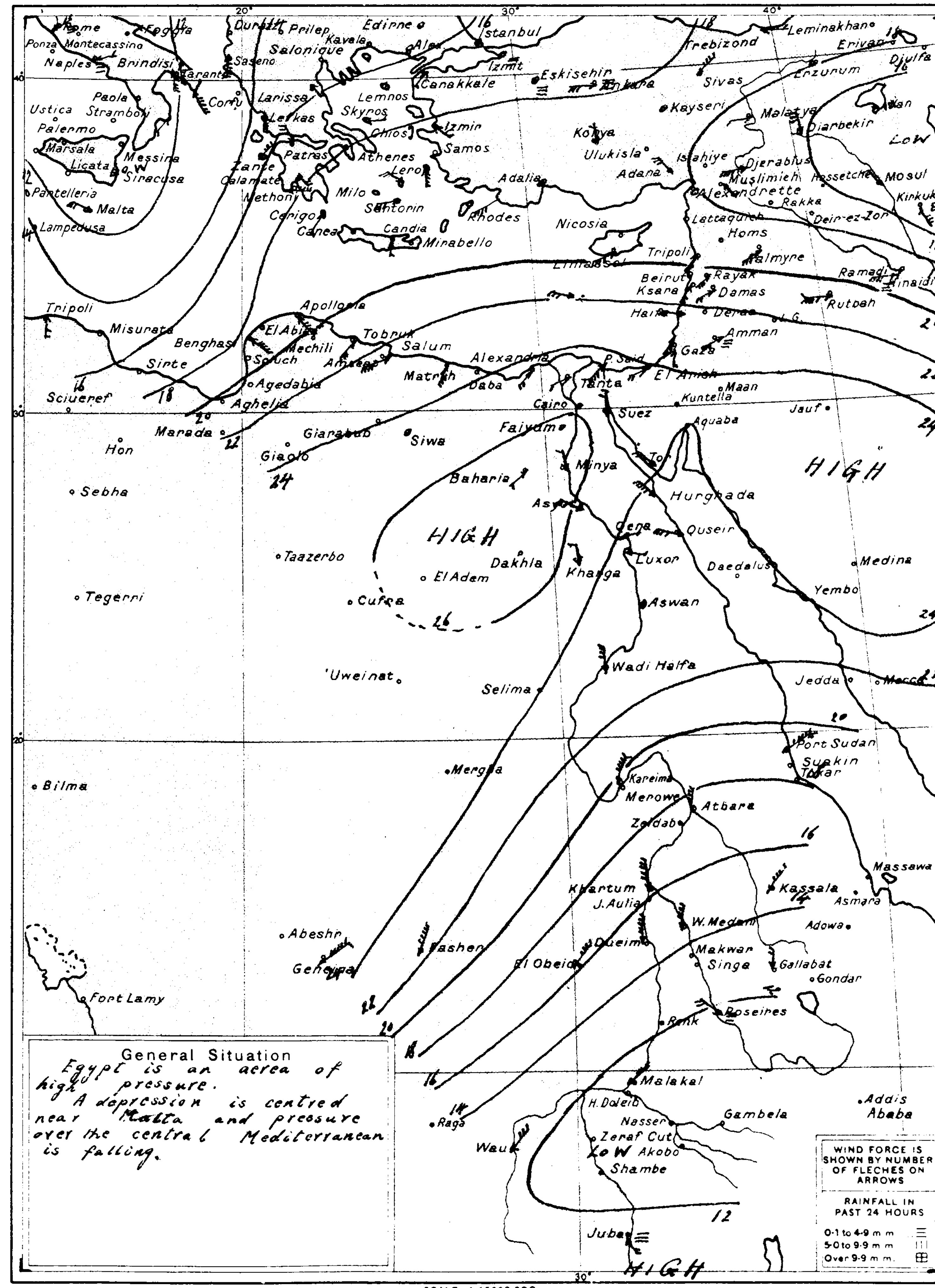
Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
12-4	752	821
11-4	753	822

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11-4	13.20	-0.09	13.34	+0.04
Nâsser	11-4	4.70	-0.66	4.70	-0.62
Malakâl	12-4	9.86	-0.22	9.84	-0.23
Roseires	12-4	11.40	+0.05	11.42	+0.07
Sennâr Res.	11-4	16.64	—	16.74	—
Khartûm	11-4	10.08	-0.28	10.17	-0.18
Kh. el Girba					
'Atbara	12-4	9.83	-0.15	9.79	-0.19
Kajnarti	12-4	131.70	-0.15	131.73	-0.13
Wâdi Halfa					
Aswân Res.	12-4	117.46	—	117.52	—
„ D. S.	12-4	85.34	-0.24	85.34	-0.24
El Leisi	12-4	17.34	+0.40	17.34	+0.39
Rôda (Cairo)	12-4	15.73	+0.22	15.75	+0.24

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8h. *12-4-1937*



General Situation

Egypt is an aerea of high pressure.

A depression is centred near Malta and pressure over the central Mediterranean is falling.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on *11-4-1937* — الساعة ٨ يوم ١١-٤-١٩٣٧

Station	Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1008	-5	WNW	4	18	—	—	—	—	—	—	0	—	—	—	Rain	—	428	ليماسول
Haifa	1013.5	+1.0	SSW	5	16.3	21	-3	13	+1	75	+15	4	—	—	—	7	361	632	حيفا
Gaza	1017.1	+4.0	W	9	15.1	23	-1	12	+1	87	+22	4	3	-	2	33	395	368	غزة

Ship 23336 — 31106 — 26301 — 67819 — 30183 — X1702 — 24310 — سفينة

Remarks

ANNUAL SUBSCRIPTION
Inland Post . . . P.T. 100
Abroad . . . P.T. 150

CAIRO

Time of sunrise 05 h. 30 m.

sunset 18 h. 21 m.

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	Station	At 14h. on 12th — Bar. Pressure reduced to M.S.L. mb.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present weather	Visibility	At 8h. on Tuesday 13th — Bar. Pressure reduced to M.S.L. mb.	Diff. from normal mb.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1021.9	WSW	4	27.8	22	0	8	1018.2	+1.4	SW	7	21.7	28	—	16	—	36	—	0	6	—	0	0	105	—
131	MATRÛH	1022.4	SW	3	26.0	29	0	6	1017.9	+3.0	S	4	20.0	27	+5	15	+2	40	-30	0	6	—	0	0	182	156
150	DIKHEILA														—		—		—							
132	ALEXANDRIA	1024.3	WNW	3	22.3	47	0	9	1020.7	+6.2	S	5	17.7	24	0	15	0	61	-8	0	8	—	0	0	167	187
159	DAMIETTA								1021.0	—	SSE	1	19.5	26	—	14	—	68	—	0	—	Ci	1	0	75	112
134	PORT SAÎD	1023.9	NW	2	23.0	53	0	7	1021.6	+8.4	NE	2	21.2	24	+1	15	0	61	-6	0	6	—	0	0	38	75
135	EL 'ARÎSH	1023.8	NNW	3	19.3	72	0	7	1020.8	—	SSE	1	22.0	25	—	11	—	45	—	0	7	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1021.4	+6.9	SE	4	20.0	26	-1	13	+2	56	-10	0	6	—	0	0	78	106
137	MANSÛRA								1020.4	—	S	1	18.8	26	-1	12	0	64	-5	0	7	—	0	0	45	52
138	TANTA								1021.1	+5.8	SSW	2	20.5	26	-2	14	+2	64	-3	0	7	—	0	0	54	41
139	ZAGÂZÎG								1021.2	—	S	2	21.6	25	-3	12	+1	62	-7	0	8	Ci	0	0	20	25
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1023.5	WNW	3	23.3	31	0	9	1021.4	—	E	1	21.8	24	—	13	—	48	—	0	7	—	0	0	—	—
	CAIRO EZBEKÎYA	1023.6	N	1	24.4	37	0	8	1021.2	+7.4	S	2	20.7	26	-2	13	0	58	-7	0	5	—	0	0	18	30
	CAIRO GÎZA	1023.0	W	1	25.0	30	0	7	1021.2	+6.8	SSE	2	19.3	26	-2	11	+1	67	+1	0	6	—	0	0	16	27
143	HELWÂN	1023.8	W	1	22.7	26	0	7	1021.4	+7.3	—	0	19.8	24	-4	14	0	57	+5	0	5	—	0	0	17	32
144	SUEZ								1021.9	+7.2	N	1	18.5	24	-4	14	-1	58	-14	0	—	—	—	0	13	25
	UPPER EGYPT																									
153	FAIYÛM	1023.8	NNE	4	23.9	27	0	8	1021.8	+7.3	—	0	20.0	26	-4	12	0	50	-5	0	7	—	0	0	6	10
154	MINYA	1023.2	NNE	2	24.8	38	0	9	1020.8	+6.4	N	1	21.5	26	-4	10	-3	55	-8	0	6	—	0	0	16	—
155	ASYÛT	1022.0	NW	3	26.0	15	0	8	1020.6	+6.9	NNE	3	19.0	27	-4	12	-2	39	-6	0	7	—	0	0	dr.	5
156	QENA	1019.9	E	2	28.0	21	0	9	1019.2	+5.8	NNW	2	21.2	30	-5	14	-2	33	-7	0	8	—	0	0	dr.	—
157	LUXOR	1020.3	ENE	2	28.7	24	0	8	1019.2	—	NNW	1	20.3	30	—	10	—	44	—	0	8	—	0	0	dr.	—
158	ASWÂN	1017.8	NNW	4	29.0	22	0	8	1018.2	+5.4	NNE	1	18.8	30	-5	13	-5	31	+2	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1022.6	—	0	26.8	27	0	6	1019.9	+4.9	E	1	19.1	28	-1	9	-3	55	-3	0	6	—	0	0	29	7
149	BAHARÎYA	1023.0	N	2	25.1	27	0	9	1021.6		WNW	1	19.9	27	—	10	—	43	—	0	9	—	0	0	26	—
151	KHÂRGA	1022.0	SE	2	26.2	70	0	9	1019.5	+5.8	N	3	21.3	27	-6	14	-1	73	+29	0	9	—	0	0	0	0
152	DÂKHLA	1020.4	NNE	3	28.0	13	0	8																		—
	RED SEA																									
145	TÔR								1020.4	+7.3	NW	1	21.0	23	-5	13	-2	38	-27	0	7	—	0	0	14	14
146	HURGHÂDA								1019.8	+7.1	NNW	4	22.7	24	-4	15	0	53	+7	0	5	—	1	0	dr.	0
147	QUSEIR								1019.6	+7.1	N	4	24.8	24	-4	18	-1	51	+10	0	7	—	0	0	1	7
169	PORT SUDAN	1014.4	NE	6	28.6	—	1	—	1013.1	+2.0	N	4	27.0	29	-2	19	-2	26	-32	0	—	—	0	0	42	107
	NORTH SUDAN																									
165	WÂDI HALFA	1018.9	NNW	6	26	—	0	7	1017.7	+5.6	N	1	17.9	28	-8	14	-3	44	+19	0	8	—	0	—	—	—
166	KAREIMA	1014.0	NNE	4	32	—	0	8	1014.4	+3.6	NE	3	22.7	33	-6	17	-3	15	-3	0	8	—	0	0	tr.	1
167	'ATBARA	1011.1	NNW	5	33.0	—	0	—	1012.6	+3.6	NE	3	23.0	34	-5	17	-3	52	+38	0	—	—	0	0	5	2
168	KHARTÛM								1011.8	+3.5	NNE	4	23.0	34	-7	18	-4	31	+15	0	7	—	0	0	25	5
170	KASSALA	1007.5	NE	4	35	—	2	8	1008.8	+1.4	NE	1	26.0	35	-5	22	0	55	+18	0	8	—	0	0	11	12
	CENTRAL SUDAN																									
171	WAD MEDANI								1010.8	+3.0	N	4	25.8	36	-5	20	-2	17	0	0	—	—	0	0	58	14
173	DUEIM	1008.2	E	4	33.2	—	1	—	1011.6	+3.2	W	4	25.4	35	-6	19	-1	13	-5	0	—	—	0	0	35	13
	RENK														—		—		—							
172	ROSEIRES	1005.9	NNW	3	35.1	—	2	—	1008.2	+0.6	WNW	2	27.8	36	-4	22	0	60	+30	0	—	—	1	0	3	47
174	EL OBEID	1009.6	NE	5	34	—	2	8	1012.3	+2.5	N	2	22.5	34	-4	17	-2	32	+5	0	8	Ci	0	0	31	21
175	EL FÂSHER								—	—	WNW	1	19.0	35	-3	12	-6	16	-4	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL	—	NE	5	37	—	4	8	—	—	NNE	5	28.5	38	-1	22	-1	9	-37	4	8	Cs	1	0	83	109
177	WÂU								1009.9	+1.3	N	3	25.7	37	0	22	0	34	-32	1	—	—	1	0	216	202
178	JÛBA	1008.3	NNE	4	34.9	—	1	—	1011.8	+1.8	SE	3	25.5	35	-1	20	-2	84	+10	8	4	Cu	4	0	219	226
179	Geneina	—	E	4	33	—	0	8	—	—	E	5	20.2	34	—	13	—	11	—	0	8	Ci	0	0	—	—
180	Gallabat	—	N	3	34.0	—	1	—																		

الساعة ١٤ يوم ١٢ — الساعة ٨ يوم الثلاثاء ١٣

Upper Wind Observations on 13-4-37

ارصاد الرياح العليا يوم ١٣-٤-١٩٣٧

Height metres above M.S.L.	Salum 07h.00m. Dir. E. of N.	Salum Kms per hour	Matruh 07h.00m. Dir.	Matruh Kms	Almaza 07h.30m. Dir.	Almaza Kms	Cairo 08h.15m. Dir.	Cairo Kms	Helwan 08h.45m. Dir.	Helwan Kms	Asyut 07h.00m. Dir.	Asyut Kms	Aswan 07h.00m. Dir.	Aswan Kms	Wadi Halfa 06h.00m. Dir.	Wadi Halfa Kms	Kareima 05h.00m. Dir.	Kareima Kms	Khartum 06h.00m. Dir.	Khartum Kms	Kassala 07h.00m. Dir.	Kassala Kms	El Obeid 06h.00m. Dir.	El Obeid Kms	Geneina 07h.00m. Dir.	Geneina Kms	Juba 06h.00m. Dir.	Juba Kms	Salum 12th 13h.00m. Dir.	Salum 12th Kms
200	250	45	230	65	140	9	170	14	130	5	—	—	—	—	20	32	—	—	—	—	—	—	—	—	—	—	—	—	250	25
500	250	24	230	48	110	10	120	10	80	13	60	39	40	28	40	56	30	55	10	56	50	14	—	—	—	—	300	32	—	—
1000	240	29	240	27	0	18	10	17	0	18	60	37	50	32	30	58	40	66	20	56	110	13	230	63	0	60	350	18	230	58
1500	230	23	240	20	0	19	10	17	20	18			10	53	40	40	20	27	30	35	50	21	40	53	70	45	40	21	220	8
2000			240	18	30	20	50	21	50	24			70	20	40	18	40	27	350	18	80	11	60	34	120	27	40	21		
3000					30	19											340	18	330	23							100	32		
4000					30	26																								
5000																														
6000																														

Forecast for 24 hours from noon on 13th

On the coast fresh south to southwest winds, strong at times.

Inland light variable winds becoming southerly later.

Mainly clear.

Warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٣

رياح شديدة بين جنوبية وجنوبية غربية تشتد احيانا على السواحل ورياح خفيفة مختلفة الاتجاه ثم تصير جنوبية فى الداخل

السماء صحو على العموم

ترتفع درجة الحرارة.

Station	Mean of day — Humidity % on 12th	Diff. from normal	Wet bulb temp. °C on 12th	Diff. from normal
Alexandria	67	0	14.4	-0.3
Ezbekiya	60	+7	14.6	-1.0
Giza	64	+11	13.9	-1.0
Helwân	52	+10	12.9	-0.3

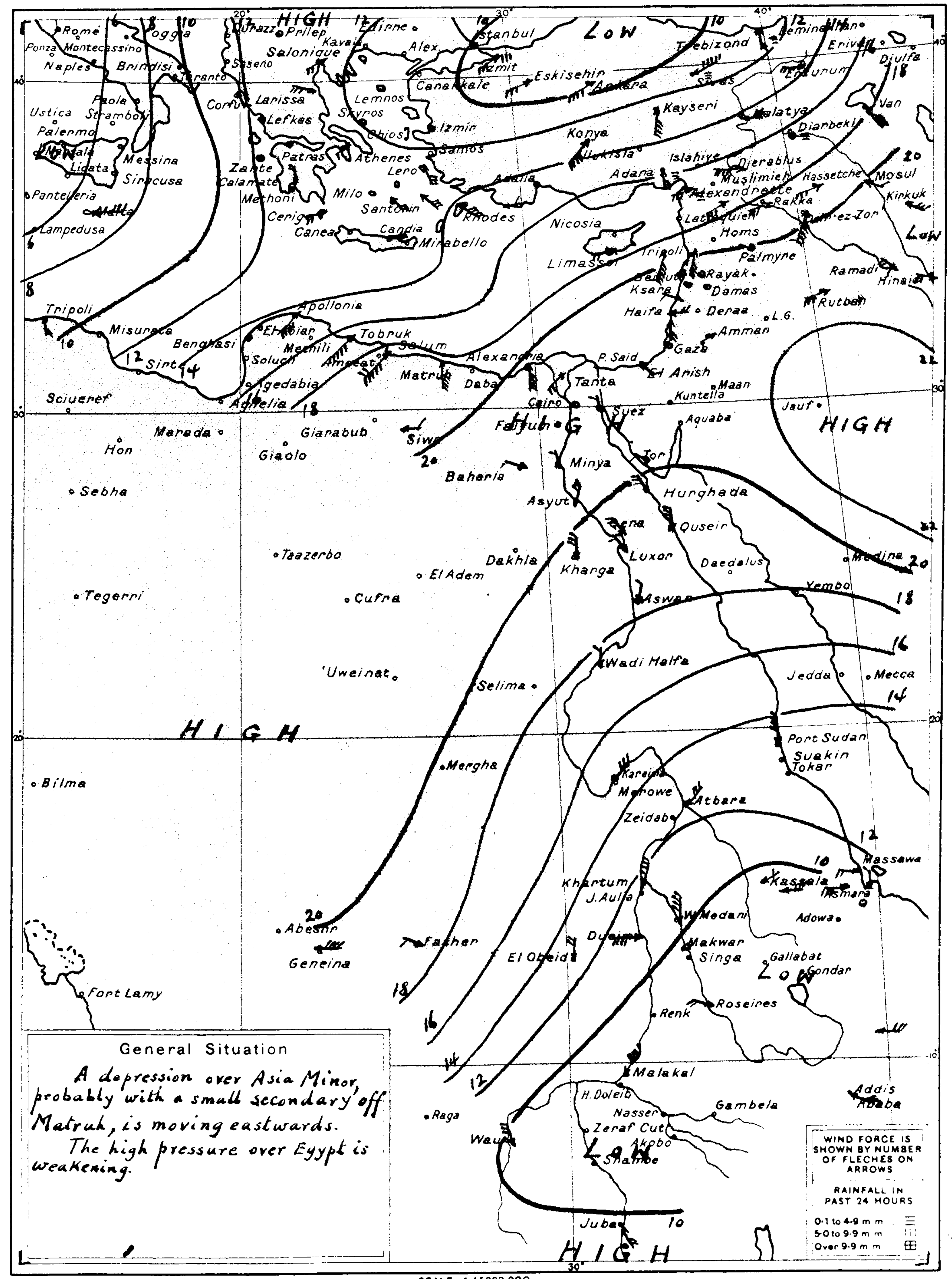
Giza Grass minimum on 13th 7.4 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
13.4	749	823
12.4	752	821

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	12-4	13.40	+0.11	13.20	-0.09
Nâsser	12-4	4.70	-0.70	4.70	-0.66
Malakâl	13-4	9.86	-0.22	9.86	-0.22
Roseires	13-4	11.38	+0.03	11.40	+0.05
Sennâr Res.	12-4	16.53	—	16.64	—
Khartûm	12-4	10.03	-0.35	10.08	-0.28
Kh. el Girba					
'Atbara	13-4	9.84	-0.14	9.83	-0.15
Kajnarti	13-4	131.65	-0.20	131.70	-0.15
Wâdi Halfa					
Aswân Res.	13-4	117.23	—	117.46	—
" D. S.	13-4	85.34	-0.23	85.34	-0.24
El Leisi	13-4	17.32	+0.38	17.34	+0.40
Rôda (Cairo)	13-4	15.73	+0.22	15.73	+0.22

Pressure and Wind at 8 h. 13-4-1937 ١٣-٤-١٩٣٧



General Situation

A depression over Asia Minor, probably with a small secondary off Matruh, is moving eastwards.

The high pressure over Egypt is weakening.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 12-4-1937 — الساعة ٨ يوم ١٢-٤-١٩٣٧

Station	Bar. Pressure reduced to M.S.L. mb.	Diff. from normal mb.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1019	+6	WSW	4	17	—	—	—	—	—	—	2	—	—	—	0	—	428	ليماسول
Haifa	1022.8	+10.3	WNW	2	18.7	20	-4	12	0	62	+2	0	—	—	—	0	361	633	حيفا
Gaza	1022.2	+9.3	S	1	16.0	19	-5	12	+1	83	+18	2	5	—	1	0	395	368	غزة

Remarks

ANNUAL SUBSCRIPTION

Inland Post P.T. 100

Abroad P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. m. 05 29
sunset h. m. 18 22

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on *13th* — الساعة ١٤ يوم ١٣ ; At 8h. on *Wednesday 14th* — الساعة ٨ يوم الأربعاء ١٤

		STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1016.3	SW	6	31.4	27	0	6	1014.8	-2.0	S	2	25.0	32	—	22	—	43	—	4	6	Ci	2	0	105	—
131		MATRÛH	1016.4	SW	4	31.2	17	7	2	1015.1	+0.3	SSW	1	22.8	33	+11	17	+4	39	-31	3	6	Ci	2	0	182	156
150		DIKHEILA	1019.6	NW	1	26.2	42	0	—	1017.7	—	S	2	24.3	29	—	18	—	41	—	4	7	Ci	0	0	—	—
132		ALEXANDRIA	1018.3	NNW	2	29.3	32	0	9	1016.8	+2.4	SE	2	22.8	31	+7	17	+2	52	-17	4	8	Cs	2	0	167	187
159		DAMIETTA								1016.6	—	SSW	1	24.5	32	—	16	—	57	—	2	—	Ci	1	0	75	112
134		PORT SAÏD	1019.4	—	0	29.5	35	0	6	1017.5	+4.4	SW	1	24.2	31	+8	18	+2	50	-17	0	6	—	0	0	38	76
135		PO 'ARÎSH / EL 'A	1018.8	NNW	3	23.6	64	0	7	1017.1	—	SSW	1	28.2	30	—	16	—	28	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1017.4	+2.9	S	2	24.5	31	+4	18	+7	41	-25	3	5	Ci	1	0	78	106
137		MANSÛRA								1017.1	—	S	1	22.9	31	+4	15	+3	43	-26	1	6	Cs	1	0	45	52
138		TANTA								1016.8	+1.6	—	0	25.0	32	+4	16	+4	44	-22	0	7	—	0	0	54	41
139		ZAGÂZÎG								1017.4	—	ESE	2	24.9	31	+3	16	+5	40	-28	2	8	Ci	0	0	20	25
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1018.3	N	1	30.6	20	0	8	1017.0	—	ESE	4	28.6	31	—	18	—	24	—	3	7	Ci	1	0	—	—
	CAIRO	EZBEKÎYA	1018.0	NW	1	30.9	29	0	6	1016.6	+2.8	—	0	24.1	32	+4	15	+2	50	-15	1	4	Ci	1	0	18	30
	CAIRO	GÎZA	1017.8	N	1	30.0	27	0	7	1016.7	+2.3	—	0	21.5	31	+3	12	+2	56	-9	2	5	Cs	2	0	16	27
143		HELWÂN	1017.5	NW	3	29.4	20	6	6	1017.1	+3.0	NE	1	26.4	31	+3	22	+8	23	-28	3	6	Ci	2	0	17	32
144		SUEZ								1018.7	+4.0	N	1	22.5	32	+4	17	+2	41	-30	0	—	—	—	0	13	25
153	UPPER EGYPT	FAIYÛM	1018.2	NNW	1	30.2	29	0	8	1017.4	+3.0	—	0	22.2	32	+2	15	+3	37	-18	2	6	Ci	1	0	6	10
154		MINYA	1017.0	NNE	3	32.3	14	0	8	1016.7	+2.4	NNW	1	24.1	33	+3	14	+1	33	-30	0	6	Ci	0	0	16	—
155		ASYÛT	1015.6	NNE	2	31.4	16	0	8	1016.0	+2.3	S	1	23.8	34	+3	15	0	40	-5	0	6	—	0	0	dr.	5
156		QENA	1014.3	E	4	34.0	15	0	9	1015.2	+1.9	E	1	26.0	34	-2	16	0	27	-12	0	8	—	0	0	dr.	—
157		LUXOR	1014.2	ENE	3	34.0	20	0	8	1015.5	—	ENE	1	24.4	35	—	12	—	31	—	0	8	—	0	0	dr.	—
158		ASWÂN	1011.5	NE	1	35.0	17	0	8	1014.2	+1.5	N	1	20.6	37	+1	16	-2	33	+4	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1018.0	SE	1	32.0	27	0	6	1014.7	-0.3	—	0	21.0	33	+4	12	0	45	-13	0	6	—	0	0	29	7
149		BAHARÎYA	1017.8	NE	1	32.3	18	0	9	1016.4		ESE	3	26.6	33	—	17	—	22	—	0	9	—	0	0	26	—
151		KHÂRGA	1015.9	N	2	32.3	45	0	9	1015.2	+1.6	N	2	25.8	33	0	14	-1	44	+1	0	9	—	0	0	0	0
152		DÂKHLA	1015.2	ENE	2	33.0	14	0	8	1013.6	-0.3	—	0	21.2	35	+1	15	+1	32	-5	0	7	—	0	0	dr.	—
145	RED SEA	TÔR								1016.6	+3.6	—	0	23.1	28	0	14	-2	27	-39	0	6	—	0	0	14	14
146		HURGHÂDA								1016.7	+4.1	NNW	3	27.0	29	+1	16	+1	36	-16	0	6	—	0	0	dr.	0
147		QUSEIR								1016.0	+3.6	NW	4	25.9	27	-1	20	0	51	+10	0	7	—	0	0	1	7
169		PORT SUDAN								1012.6	+1.6	NE	2	28.2	29	-2	22	+1	71	+13	2	—	—	0	0	42	107
165	NORTH SUDAN	WÂDI HALFA								1013.7	+1.7	N	1	19.6	31	-5	15	-2	40	+15	0	8	—	0	—	—	—
166		KAREIMA								1010.1	-0.6	ENE	1	26.0	35	-5	19	-1	19	+1	0	7	—	0	0	tr.	1
167		'ATBARA								1009.0	+0.1	NE	2	28.0	36	-3	21	+1	27	+13	0	—	—	0	0	5	2
168		KHARTÛM								1009.1	+0.9	NNW	3	26.0	36	-5	20	-2	30	+14	0	8	—	0	0	25	5
170		KASSALA								1006.2	-1.2	NE	1	28.7	38	-2	23	+1	58	+21	0	8	Ci	0	0	11	12
171	CENTRAL SUDAN	WAD MEDANI								1009.4	+1.6	N	3	27.2	—	—	—	—	—	—	0	—	—	—	—	58	14
173		DUEIM																									
		RENK																									
172		ROSEIRES								1007.5	-0.1	NW	2	30.2	41	+1	22	0	10	-1	0	—	—	1	0	3	48
174		EL OBEID								1009.5	-0.3	NNW	2	25.0	36	-2	18	-1	25	-3	0	8	—	0	0	31	21
175		EL FÂSHER								—	—	NNW	2	19.0	36	-2	12	-6	12	-8	0	—	—	0	0	0	8
176	S. SUDAN	MALAKÂL								—	—	ENE	4	32.3	39	0	22	-1	14	-32	4	8	Ci	1	0	82	110
177		WÂU								1008.7	+0.1	SE	3	27.1	38	+1	22	0	40	-26	1	—	—	1	0	216	204
178		JÛBA								1011.5	+1.5	SE	3	25.7	33	-3	23	+1	69	-6	4	5	Nb	4	dr.	219	230
179 / 180		*Geneina* / *Gallabat*								—	—	E	3	19.0	34	—	16	—	16	—	2	8	Ci	0	0	—	—

Upper Wind Observations on *14-4-37* — ارصاد الرياح العليا يوم ٣٧/٤/١٤

Dir. = E. of N.; Kms. = Kms. per hour

Height metres above M.S.L.	Salum 07h00m Dir.	Kms.	Matruh 07h00m Dir.	Kms.	Dikheila 07h45m Dir.	Kms.	Almaza 07h30m Dir.	Kms.	Cairo 08h30m Dir.	Kms.	Helwan 09h30m Dir.	Kms.	Asyut 07h00m Dir.	Kms.	Aswan 07h00m Dir.	Kms.	Wadi Halfa 06h00m Dir.	Kms.	Kareima 05h00m Dir.	Kms.	Khartum 05h00m Dir.	Kms.	Kassala 07h00m Dir.	Kms.	El Obeid 06h00m Dir.	Kms.	Malakal 06h00m Dir.	Kms.	Juba 06h00m Dir.	Kms.
200	160	2	130	24	150	26	90	36	110	18	100	26	—	—	—	—	30	16	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	130	24	90	10	70	28	80	30	100	47	90	37	60	47	70	39	70	37	0	42	70	10	—	—	60	32	280	46
1000	170	58	130	36	80	17	60	30	60	34	100	20	100	36	80	39	80	47	70	35	10	14	130	19	0	42	60	40	300	19
1500	180	56	170	33	140	16	100	22			120	23			100	33	110	37	70	16	350	14	10	11	30	18	30	35	10	8
2000			160	30	140	12	120	18			120	27			120	33	110	21	50	14	280	10	330	24	270	8	70	27	170	14
3000			160	30	130	23	90	24			110	31			90	54			170	8					230	21	90	14		
4000																			60	8					130	5				
5000																														
6000																														

Forecast for 24 hours from noon on *14th*

On the coast, moderate southerly winds freshening.
Inland, moderate easterly winds, veering to south.
Some high cloud, increasing. Continuing warm; Khamsin conditions intensifying.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٤
رياح معتدلة جنوبية على الساحل ثم تشتد
ورياح معتدلة شرقية تتحول الى الجنوب فى الداخل
يظهر بعض السحاب العالى ويتزايد
يستمر الجو حارا وتزداد حدة الطقس الخماسيني

STATION	Mean of day — Humidity % on 13th	Diff. from normal	Wet bulb temp. °C on 13th	Diff. from normal
Alexandria	51	-16	16.2	+1.4
Ezbekiya	54	+1	17.7	+2.0
Giza	52	-1	17.0	+1.8
Helwân	38	-4	15.7	+2.4

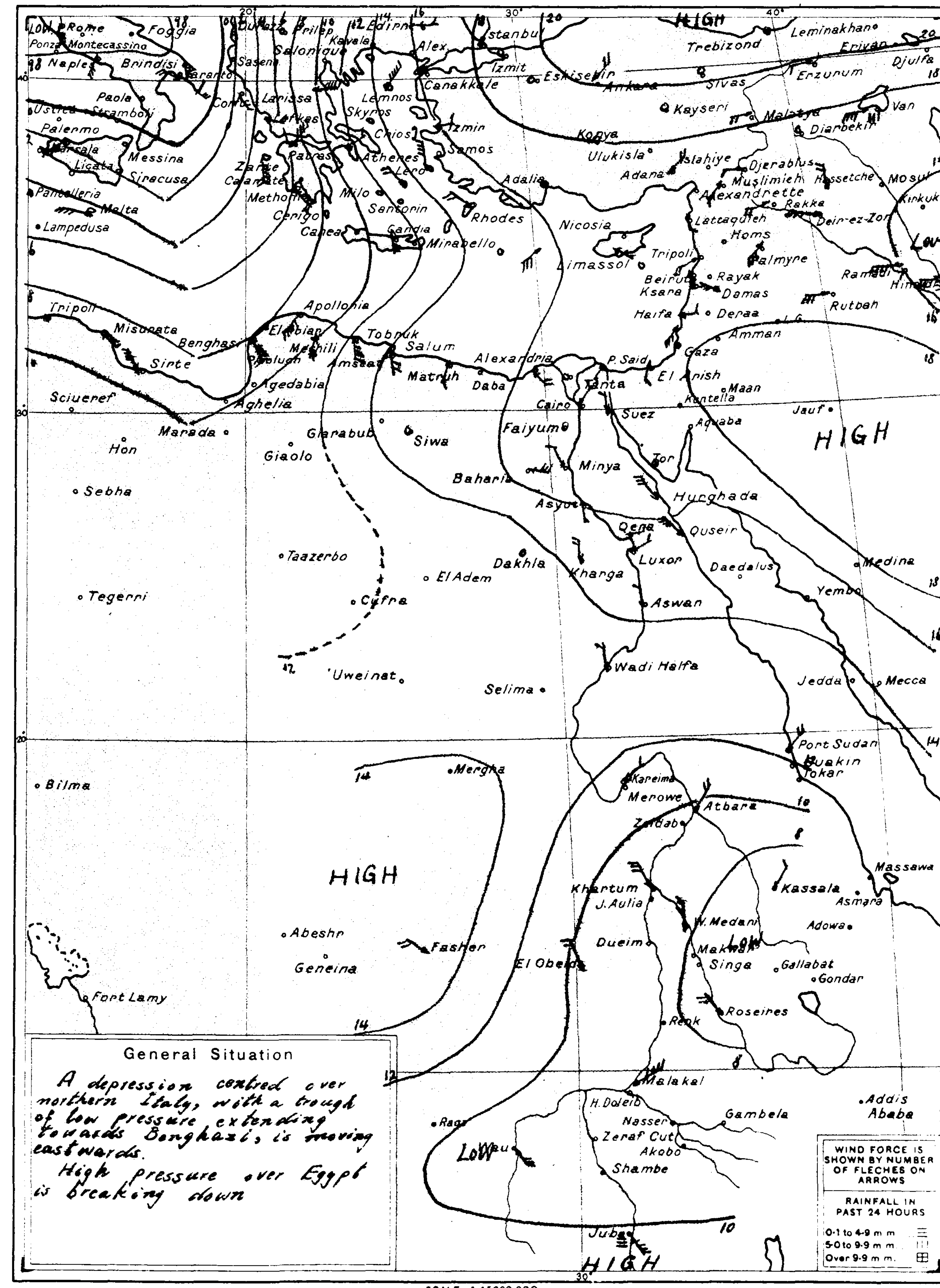
Giza Grass minimum on *14th* 7.8 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
14-4	753	822
13-4	749	823

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13-4	13.19	-0.10	13.40	+0.11
Nâsser	13-4	4.70	-0.76	4.70	-0.70
Malakâl	14-4	9.86	-0.22	9.86	-0.22
Roseires	14-4	11.37	+0.03	11.38	+0.03
Sennâr Res.	13-4	16.44	—	16.53	—
Khartûm	13-4	9.96	-0.41	10.02	-0.35
Kh. el Girba					
'Atbara	14-4	9.84	-0.14	9.84	-0.14
Kajnarti	14-4	131.62	-0.23	131.65	-0.20
Wâdi Halfa					
Aswân Res.	14-4	117.35	—	117.33	—
,, D. S.	14-4	85.34	-0.23	85.34	-0.23
El Leisi	14-4	17.30	+0.37	17.32	+0.38
Rôda (Cairo)	14-4	15.70	+0.19	15.73	+0.22

٣٧-٤-١٤ Pressure and Wind at 8 h. *14-4-37*



General Situation

A depression centred over northern Italy, with a trough of low pressure extending towards Benghazi, is ~~moving~~ eastwards.
High pressure over Egypt is breaking down

At 8 h. on *13-4-1937* — الساعة ٨ يوم ١٣ - ٤ - ١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1017	+4	WSW	2	18	—	—	—	—	—	—	2	—	—	—	0	—	429	ليماسول
Haifa	1021.2	+8.8	E	2	17.1	22	-2	12	0	71	+11	0	—	—	—	0	361	633	حيفا
Gaza	1021.0	+8.0	—	0	17.8	22	-2	11	0	65	0	0	9	—	0	0	395	368	غزة
Dakhla	1020.6	+6.6	—	0	20.1	29	-5	13	-1	32	-5	0	9	—	0	0	Drops	—	الداخله

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

CAIRO

Time of sunrise 05 h 28 m

sunset 18 h 22 m

Month April 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS

PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	Region	Station	At 14h. on 14th (الساعة ١٤ يوم ١٤) Bar. Pressure reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 15th (الخميس ١٥ الساعة ٨) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall past 24 h	Rainfall total (Oct. 1 to yesterday)	Rainfall normal (Oct. 1 to yesterday)
130	Mediterranean	SALÛM	1012.2	S	7	32.4	7	6	4	1011.0	-5.8	WSW	5	20.8	33	—	20	—	25	—	1	6	Ci	1	0		
131		MATRÛH	1013.4	ENE	3	28.9	35	3	6	1010.6	-4.2	SE	2	20.4	33	+10	18	+5	44	-26	0	6	—	0	0		
150		DIKHEILA	1015.7	E	1	25.5	55	4	—	1014.0	—	SSE	2	21.7	34		16		45	—	0	7	—	0	0		
132		ALEXANDRIA	1015.0	NE	3	31.3	38	6	7	1013.6	-0.8	SE	2	19.5	34	+10	17	+2	62	-7	0	9	—	0	0		
159		DAMIETTA								1014.4	—	E	1	24.0	33	—	18	—	63	—	2	—	Ci	0	0		
134		PORT SAÏD	1017.0	NE	2	28.4	63	0	6	1015.5	+2.4	NE	2	23.2	32	+9	19	+3	59	-8	0	7	—	0	0		
135		EL 'ARÎSH	1015.9	NNE	3	29.2	34	0	7	1015.1	—	—	0	25.2	33	—	14	—	40	—	0	7	—	0	0		
136	Lower Egypt	DAMANHÛR								1014.0	-0.4	ENE	3	24.8	36	+9	16	+5	40	-26	0	6	—	0	0		
137		MANSÛRA								1014.2	—	E	1	22.5	36	+8	15	+3	47	-21	0	7	—	0	0		.2
138		TANTA								1013.8	-1.3	SE	2	24.0	36	+7	15	+3	46	-20	0	7	—	0	0	..	42
139		ZAGÂZÎG								1014.6	—	ENE	2	23.8	35	+7	15	+4	39	-29	0	8	Ci	0	0	20	25
141	Middle Egypt (Cairo)	ALMÂZA	1014.7	SSE	3	36.5	16	3	9	1013.0	—	SE	4	31.9	37	—	22	—	33	—	0	8	—	0	0	—	—
		EZBEKÎYA	1013.9	SSE	1	37.0	15	3	7	1013.3	-0.4	N	1	26.0	37	+9	19	+6	30	-35	0	5	—	0	0	18	30
		GÎZA	1013.3	SE	2	37.2	12	1	7	1013.1	-1.2	—	0	24.0	38	+10	14	+4	38	-27	0	6	—	0	0	16	27
143		HELWÂN	1013.5	SE	4	35.8	4	0	7	1013.0	-1.0	E	4	30.3	36	+8	25	+11	7	-44	0	5	—	0	0	17	32
144		SUEZ								1014.4	-0.2	—	0	23.4	36	+8	18	+3	49	-22	0	—	—	—	0	13	25
153	Upper Egypt	FAIYÛM	1013.5	SE	1	37.1	14	1	7	1013.9	-0.5	—	0	25.5	38	+8	14	+2	—	—	0	6	—	0	0	6	10
154		MINYA	1012.6	SE	3	36.0	13	0	7	1012.7	-1.6	NE	1	25.4	36	+6	16	+3	34	-28	0	7	—	0	0	16	—
155		ASYÛT	1012.4	ESE	2	36.2	18	0	8	1013.0	-0.6	ENE	3	27.2	38	+7	17	+2	21	-23	0	7	—	0	0	dr.	5
156		QENA	1011.9	E	4	36.5	15	0	9	1012.8	-0.5	ENE	2	28.0	37	+1	18	+2	22	-17	0	8	—	0	0	dr.	—
157		LUXOR	1011.0	ENE	3	38.2	20	0	8	1012.7	—	NE	1	28.7	39	—	18	—	33	—	1	8	Sc	1	0	dr.	—
158		ASWÂN	1008.3	S	1	40.0	22	0	8	1011.2	-1.4	N	1	27.0	41	+5	20	+2	38	+9	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1012.2	SSE	3	34.5	12	0	6	1010.3	-4.7	—	0	21.2	36	+6	12	0	42	-16	0	6	—	0	0	29	7
149		BAHARÎYA	1012.7	ESE	4	35.8	11	0	6	1013.6	—	N	1	20.7	36	—	14	—	30	—	0	7	—	0	0	26	—
151		KHÂRGA	1011.1	ENE	2	35.6	41	0	9	1012.2	-1.3	NNE	2	28.4	38	+4	19	+4	36	-7	0	9	—	0	0	0	0
152		DÂKHLA	1012.6	SSE	3	34.8	14	0	8	1012.7	-1.2	NNW	1	28.3	36	+2	14	0	29	-8	0	7	—	0	0	dr.	—
145	Red Sea	TÔR								1013.9	+0.9	—	0	24.1	33	+5	17	+1	67	+1	0	6	—	0	0	14	14
146		HURGHÂDA								1014.3	+1.8	SSW	2	31.0	32	+3	17	+1	31	-15	0	6	—	0	0	dr.	0
147		QUSEIR																									
169		PORT SUDAN	1011.0	ENE	3	29.1	—	0	—	1012.7	+1.7	E	1	28.5	30	-2	22	+1	80	+23	1	—	—	0	0	42	107
165	North Sudan	WÂDI HALFA	1010.3	ENE	2	35	—	0	8	1011.5	-0.5	NNE	1	24.7	37	0	19	+2	34	+9	0	8	—	0	—	tr.	1
166		KAREIMA	1006.5	E	1	37	—	0	8	1009.1	-1.5	—	0	28.5	39	-1	20	-1	17	-1	0	7	—	0	0		
167		'ATBARA	1004.4	ENE	2	38.7	—	0	—	1008.8	0.0	N	2	29.8	39	0	25	+5	23	+9	0	—	—	0	0	5	2
168		KHARTÛM	1002.2	N	3	37	—	0	8	1008.6	+0.4	N	2	29.5	40	-1	22	0	25	+9	0	8	—	0	0	25	5
170		KASSALA	1000.6	NE	2	40	—	0	8	1006.6	-0.8	ESE	2	32.6	42	+2	25	+3	44	+7	0	8	—	0	0	11	12
171	Central Sudan	WAD MEDANI								1008.6	+0.9	N	3	31.0	41	0	25	+3	21	+4	0	—	—	0	0	58	14
173		DUEIM	1005.6	N	3	38.4	—	0	—	1008.6	+0.2	NW	3	31.8	40	0	21	+1	23	+5	0	—	—	0	0	35	13
182		RENK																									
172		ROSEIRES	1003.2	W	2	40.6	—	0	—	1007.0	-0.6	WNW	2	32.2	43	+3	23	+1	15	-16	0	—	—	0	0	3	48
174		EL OBEID	1004.0	SE	2	37	—	0	8	1009.8	0.0	NW	2	27.0	38	0	21	+1	37	+9	0	8	—	0	0	31	21
175		EL FÂSHER								—	—	WNW	2	21.0	39	+1	14	-4	10	-10	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	—	ENE	4	40	—	3	8	—	—	W	2	29.2	41	+2	23	0	34	-13	1	8	Ci	1	0	82	110
177		WÂU	1003.0	NW	3	31.0	—	1	—	1009.3	+0.7	W	3	27.3	40	+3	25	+3	68	+1	3	—	—	1	0	216	206
178		JÛBA	1006.3	ENE	2	33	—	4	—	1011.6	+1.6	SSE	3	26.7	34	-2	23	+1	57	-18	4	6	Cb.	4	dr.	219	234
179		Geneina	—	E	2	36	—	2	8	—	—	E	3	25.4	35	—	13	—	—	—	2	8	Ci	0	0	—	—
180		Gallabat	—	W	1	—	—	0	—																		

Upper Wind Observations on 15-4-37 ارصاد الرياح العليا يوم ١٥-٤-١٩٣٧

Height metres above M.S.L.	Salum 07h00m Dir. E.of N	Salum Kms per hour	Matruh 07h00m Dir.	Matruh Kms	Dikheila h. m. Dir.	Dikheila Kms	Almaza 07h00m Dir.	Almaza Kms	Cairo 08h30m Dir.	Cairo Kms	Helwan 08h45m Dir.	Helwan Kms	Asyut 07h00m Dir.	Asyut Kms	Aswan 07h00m Dir.	Aswan Kms	Wadi Halfa 06h00m Dir.	Wadi Halfa Kms	Kareima 05h00m Dir.	Kareima Kms	Khartum 06h00m Dir.	Khartum Kms	Kassala 06h00m Dir.	Kassala Kms	El Obeid 06h00m Dir.	El Obeid Kms	Juba 06h00m Dir.	Juba Kms	Salum 13h00m Dir.	Salum Kms
200	230	40	150	30	130	72	140	71	130	26	110	54	—	—	—	—	50	13	—	—	—	—	—	—	—	—	—	—	180	51
500	—	—	150	24	140	61	130	35	160	27	140	43	170	22	110	18	100	26	50	27	90	37	90	18	—	—	280	47	—	—
1000	190	42	180	42	160	50	160	24	150	30	180	19	140	18	140	47	140	31	30	21	20	29	90	10	0	31	290	32		
1500			190	54	160	51	150	28			170	26	150	18	150	20	130	27	40	11	60	27	100	14	120	5	230	8		
2000			190	48	180	30	140	36			150	26			140	16	110	18	140	26	60	21	40	27	210	21	250	21		
3000											200	14							320	31			0	18	150	11	190	19		
4000											240	23																		
5000																														
6000																														

Forecast for 24 hours from noon on 15th

On the coast fresh southeast winds, strong at times, veering later to southwest or west. Inland, moderate to fresh southerly winds, becoming southwest.

Occasional high cloud. Somewhat cooler tomorrow, but temperature remaining well above normal

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٥

رياح نسيمية جنوبية شرقية تشتد احيانا وتتحول الى جنوبية غربية او غربية فيما بعد على الساحل.

ورياح جنوبية بين المعتدلة والشديدة نوعا ثم تصير جنوبية غربية في الداخل. يظهر السحاب العالي احيانا

تهبط درجة الحرارة قليلا بالغد ولكنها تستمر فوق المعدل كثيرا.

Station	Mean of day Humidity % on 14th	Diff. from normal	Wet bulb temp. °C on 14th	Diff. from normal
Alexandria	43	-24	18.1	+3.3
Ezbekîya	32	-21	18.0	+2.2
Gîza	30	-23	16.8	+1.6
Helwân	13	-29	15.3	+2.0

Gîza Grass minimum on 15th 10.1 °C

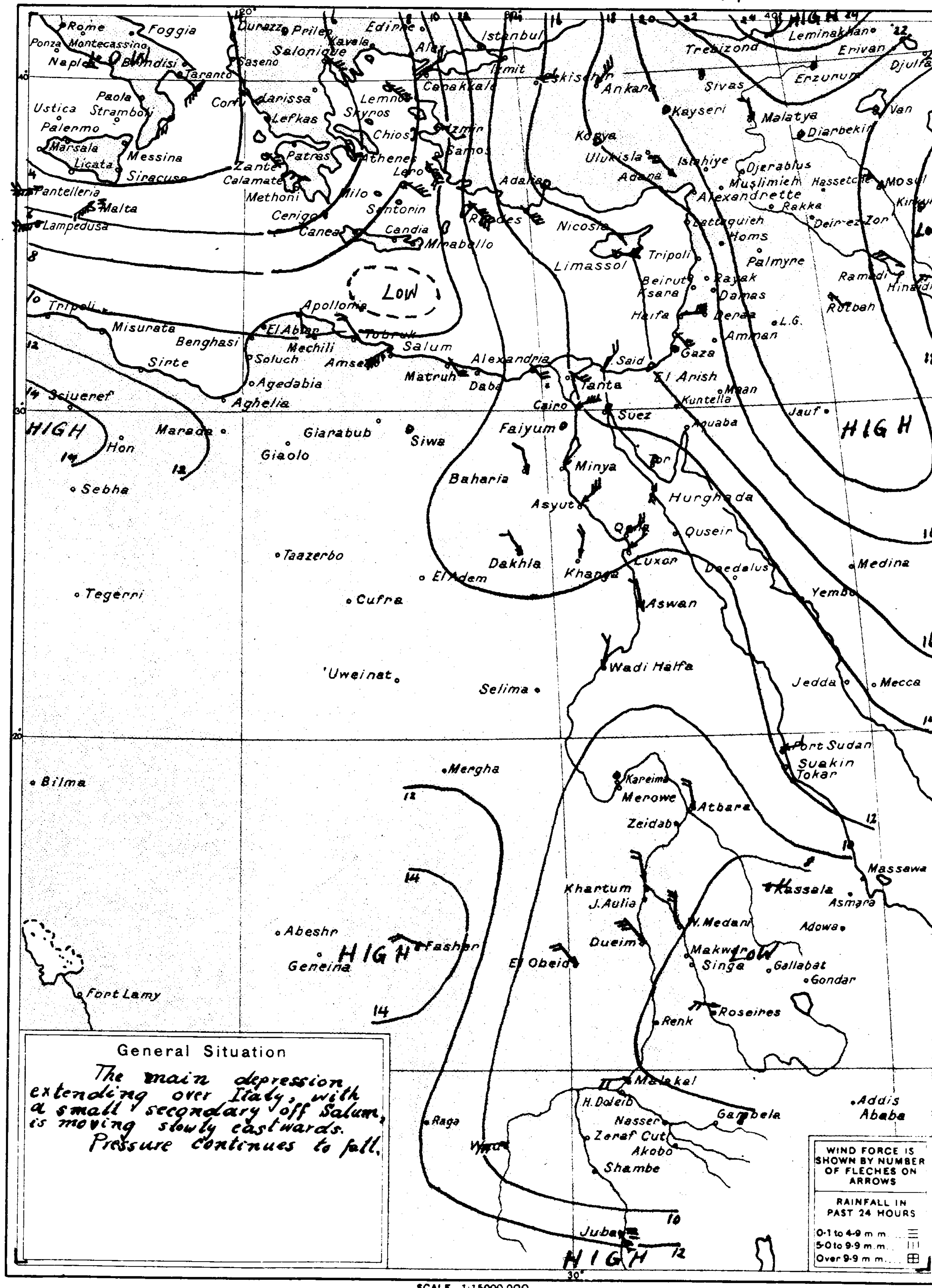
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
15-4	753	821
14-4	753	822

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14-4	13.28	-0.02	13.19	-0.10
Nâsser	14-4	4.69	-0.78	4.70	-0.76
Malakâl	15-4	9.85	-0.24	9.86	-0.22
Roseires	15-4	11.38	+0.04	11.37	+0.03
Sennâr Res.	14-4	16.82	—	16.44	—
Khartûm	15-4	10.04	-0.31	10.03	-0.33
Kh. el Girba					
'Atbara	15-4	9.80	-0.18	9.84	-0.14
Kajnarti	15-4	131.62	-0.23	131.62	-0.23
Wâdi Halfa					
Aswân Res.	15-4	117.31	—	117.35	—
,, D. S.	15-4	85.33	-0.24	85.34	-0.23
El Leisi	15-4	17.30	+0.38	17.30	+0.37
Rôda (Cairo)	15-4	15.70	+0.19	15.70	+0.19

Printed by the Survey of Egypt, 1936. (36/530)

Pressure and Wind at 8 h. 15-4-1937 ١٥-٤-١٩٣٧



General Situation

The main depression extending over Italy, with a small secondary off Salum, is moving slowly eastwards. Pressure continues to fall.

Station (مرصد)	At 8 h. on 14-4-1937 (الساعة ٨ يوم ١٢-٤-١٩٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	
Limasol	1016	+3	ESE	3	19	—	—	—	—	—	—	0	—	—	—	0	—	430	ليماسول
Haifa	1017.8	+5.4	E	1	22.2	25	+1	15	+3	61	+1	0	—	—	—	0	361	634	حيفا
Gaza	1017.8	+4.9	—	0	22.9	28	+4	15	+3	43	-22	0	9	—	0	0	395	368	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad .... P.T. 150

CAIRO

Time of sunrise h. 05 m. 27
sunset h. 18 m. 23

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 15th — الساعة ١٤ يوم ١٥ / At 8h. on Friday 16th — الساعة ٨ يوم الجمعة ١٦

No.	Region	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1010.2	NE	3	24.5	45	0	8	1013.3	-3.4	NNE	1	18.2	34	—	15	—	43	—	0	5	—	0	0	105	—
131		MATRÛH	1009.6	SSE	3	35.4	14	0	6	1012.3	-2.4	NNW	2	18.3	37	+14	18	+5	80	+10	0	6	—	0	0	182	156
150		DIKHEILA	1013.2	S	2	37.4	14	0	7	1011.6	—	W	1	22.0	39	—	19	—	67	—	0	8	—	0	0	—	—
132		ALEXANDRIA	1011.2	SE	2	36.1	0	0	8	1010.7	-3.6	—	0	21.5	38	+14	20	+5	76	+7	0	8	—	0	0	167	188
159		DAMIETTA								1009.9	—	—	0	29.0	32	—	18	—	52	—	1	—	Ci	0	0	75	112
134		PORT SAÏD	1012.6	NE	2	26.2	56	0	7	1010.4	-2.7	SW	2	23.6	28	+5	20	+4	54	-13	0	7	—	0	0	38	76
135		EL 'ARÎSH	1012.4	NNE	3	27.2	42	0	7	1010.3	—	SSE	1	33.7	37	—	20	—	32	—	0	6	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1010.7	-3.6	WSW	2	25.9	37	+10	18	+7	48	-18	0	6	—	0	0	78	107
137		MANSÛRA								1009.9	—	SW	1	25.9	38	+10	16	+4	37	-31	0	7	—	0	0	45	52
138		TANTA								1010.3	-4.8	W	3	27.0	38	+9	17	+5	56	-10	0	7	—	0	0	54	42
139		ZAGÂZÎG								1010.2	—	ESE	2	28.3	38	+10	16	+5	35	-33	0	8	Ci	0	0	20	25
141	Middle Egypt	CAIRO ALMÂZA	1011.8	SW	3	37.2	35	0	7	1010.4	—	ESE	1	32.6	38	—	18	—	40	—	0	8	—	0	0	—	—
		CAIRO EZBEKÎYA	1010.7	S	1	37.7	15	0	7	1009.9	-3.8	—	0	27.7	38	+10	18	+5	30	-35	0	—	—	0	0	18	30
		CAIRO GÎZA	1010.6	—	0	38.0	10	0	7	1009.8	-4.5	SSE	1	25.9	38	+10	15	+4	33	-32	0	6	—	0	0	16	27
143		HELWÂN	1010.8	WSW	3	36.3	7	0	6	1010.8	-3.1	NNW	1	27.0	38	+10	23	+9	21	-30	0	6	—	0	0	17	32
144		SUEZ								1011.2	-3.3	E	1	24.0	34	+6	19	+4	60	-11	0	—	—	0	0	13	25
153	Upper Egypt	FAIYÛM	1011.5	WSW	2	37.4	0	0	7	1010.7	-3.6	—	0	27.5	39	+9	18	+5	30	-29	0	7	—	0	0	6	11
154		MINYA	1010.8	WSW	2	37.9	20	0	8	1010.4	-3.8	NNW	1	27.6	38	+7	19	+5	38	-24	0	8	—	0	0	16	—
155		ASYÛT	1010.4	ESE	3	37.6	23	0	8	1010.4	-3.2	E	2	29.0	40	+8	20	+5	41	-3	0	7	—	0	0	dr	5
156		QENA	1010.2	ESE	1	39.5	23	0	9	1010.7	-2.5	E	1	30.8	40	+4	25	+9	38	-1	0	7	—	0	0	dr	—
157		LUXOR	1009.5	NNW	2	39.8	25	0	8	1010.6	—	NE	1	29.5	41	—	24	—	43	—	0	8	—	0	0	dr	—
158		ASWÂN	1007.0	W	1	40.6	25	1	8	1009.8	-2.7	—	0	29.0	43	+7	25	+7	36	+7	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1010.4	SW	1	35.0	21	0	6	1012.2	-2.8	—	0	20.2	37	+7	14	+2	54	-4	0	6	Ci	0	0	29	7
149		BAHARÎYA	1010.7	SSE	2	37.9	13	0	7	1011.5	—	W	2	24.0	38	—	14	—	20	—	0	9	—	0	0	26	—
151		KHÂRGA	1009.9	—	0	39.5	46	0	9	1011.0	-2.5	NE	1	29.2	40	+6	21	+6	58	+15	0	9	—	0	0	0	0
152		DÂKHLA	1010.4	SSE	1	37.2	18	0	8	1011.2	-2.6	—	0	19.9	39	+5	17	+3	34	-3	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1011.8	-1.1	—	0	26.4	33	+5	21	+5	59	-7	0	6	—	0	0	14	14
146		HURGHÂDA								1012.3	-0.2	SE	4	26.7	34	+5	22	+6	16	-30	0	4	—	0	0	dr	0
147		QUSEIR																									
169		PORT SUDAN	1010.6	NE	2	30.4	—	0	—	1012.4	+1.5	NE	1	28.7	31	-1	22	0	78	+21	1	—	—	0	0	42	107
165	North Sudan	WÂDI HALFA	1009.2	NNW	1	38	—	0	8	1010.3	-1.6	N	1	26.7	40	+3	22	+5	31	+6	0	8	—	0	—	—	—
166		KAREIMA	1006.4	—	0	41	—	0	8	1008.3	-2.3	WSW	1	32.1	42	+2	24	+3	13	-5	0	8	—	0	0	4	1
167		'ATBARA	1003.2	SE	2	40.7	—	1	—	1008.4	-0.3	E	2	31.0	43	+3	26	+6	25	+11	0	—	—	0	0	5	2
168		KHARṬÛM	1004.3	NNW	2	41	—	0	8	1008.2	0.0	N	3	30.7	42	+1	25	+3	22	+6	0	8	—	0	0	25	5
170		KASSALA	—	NE	2	—	—	1	9	1006.7	-0.7	NE	1	32.6	42	+1	27	+4	44	+7	0	8	Cu	0	0	11	12
171	Central Sudan	WAD MEDANI	1002.6	WNW	2	42.2	—	2	—	1008.4	+0.7	N	3	33.4	44	+3	29	+7	14	-3	3	—	—	1	0	58	14
173		DUEIM	1004.3	NW	2	42.4	—	0	—	1007.0	+0.7	NW	3	30.6	43	+2	25	+5	26	+8	1	—	—	1	0	35	14
182		RENK									—					—		—		—							
172		ROSEIRES	1006.3	WNW	2	41.9	—	0	—	1006.4	-1.2	N	2	34.9	43	+3	29	+7	14	-17	3	—	—	2	dr	3	49
174		EL OBEID	1003.9	NNE	1	40	—	0	8	1008.7	-1.0	—	0	28.0	41	+2	21	+1	19	-9	0	8	—	0	0	31	21
175		EL FÂSHER	—	W	1	—	—	0	—	—	—	NW	1	26.0	40	+2	17	-1	10	-10	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL								—	—	N	1	30.6	40	+2	27	+4	42	-6	3	8	Ac	1	0	82	111
177		WÂU								1008.8	+0.2	W	3	29.9	39	+2	27	+5	56	-11	1	—	—	1	0	216	208
178		JÛBA								1012.0	+1.9	SSW	4	28.4	38	+2	25	+3	63	-12	3	6	Sc	1	dr.	219	238
179		Geneina	—	E	2	37	—	1	8	—	—	ENE	3	20.8	38	—	16	—	14	—	1	8	Ci	0	0	—	—
180		Gallabat	—	N	2	41.6	—	4	—	—	—																

Upper Wind Observations on 16th — ارصاد الرياح العليا يوم ١٦

Height metres above M.S.L.	Dikeila 08h.00m. Dir. E.of N.	Kms. per hour	Almaza 07h.30m. Dir.	Kms.	W.Halfa 07h.00m. Dir.	Kms.	Kareima 05h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Salum 15th 13h.00m. Dir.	Kms.
200	310	20	220	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	230	10
500	260	10	150	10	130	34	0	29	340	56	—	—	—	—	80	8	200	31	—	—
1000	200	5	110	4	110	50	350	31	340	32	10	40	0	35	120	18	210	40	210	29
1500	220	14	210	10	130	21	0	32	350	14	0	14	0	31	100	26	260	16	210	30
2000	230	26	220	18			60	11			340	13	340	19	30	27	350	16		
3000			210	49			170	19			180	8			0	14				
4000							230	43												
5000							270	32												
6000							310	21												

Forecast for 24 hours from noon on ......

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 15th	Diff. from normal	Wet bulb temp. °C on 15th	Diff. from normal
Alexandria	63	-4	16.2	+1.4
Ezbekiya	26	-27	17.6	+1.7
Gîza	28	-25	16.8	+1.5
Helwân	5	-37	15.5	+2.1

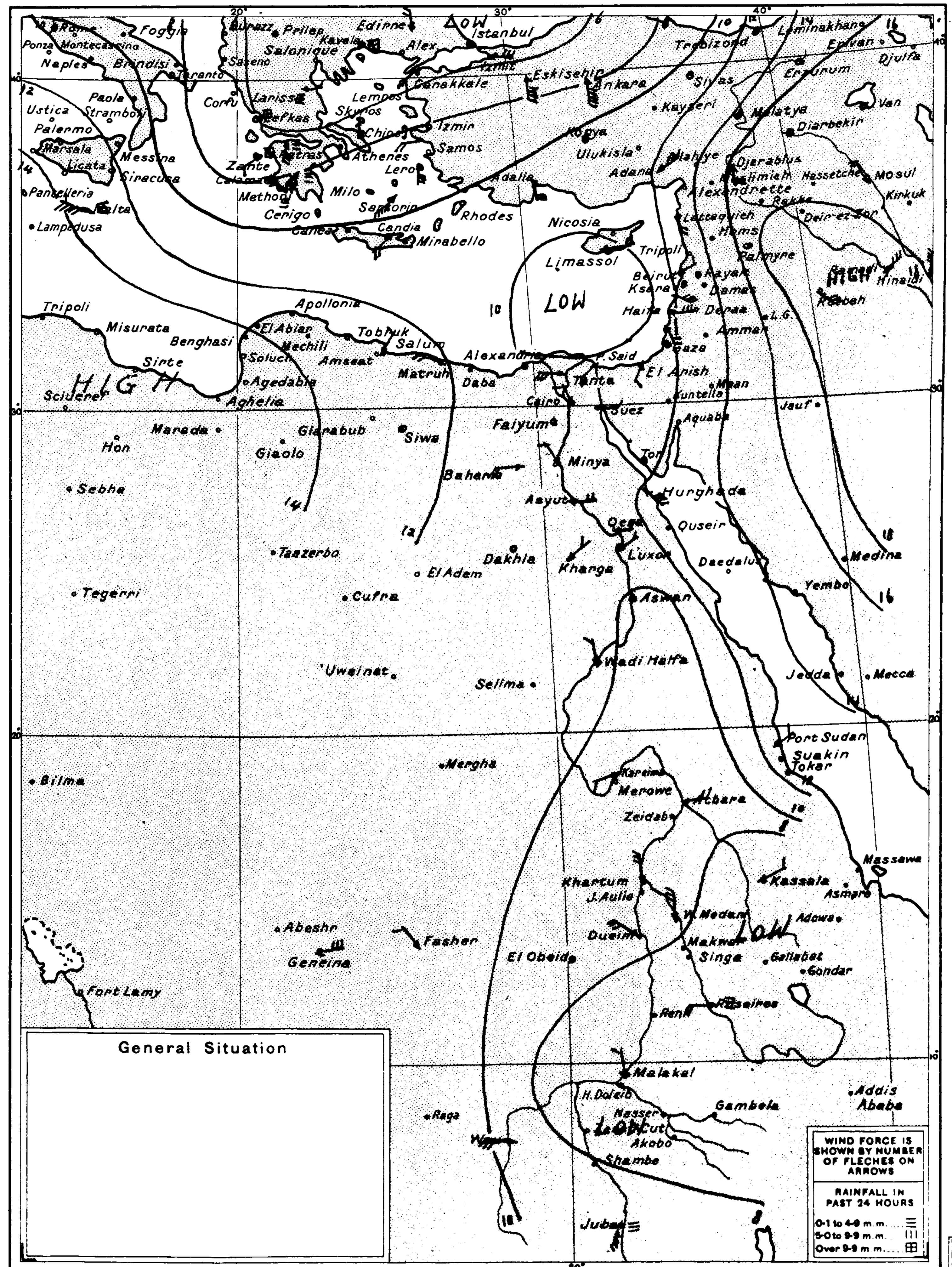
Gîza Grass minimum on 16th 10.6 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
16.4	764	823
15.4	753	821

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16.4	13.19	-0.13	13.23	-0.08
Nâṣṣer	15.4	4.68	-0.81	4.69	-0.78
Malakâl	16.4	9.84	-0.26	9.85	-0.24
Roṣeires	16.4	11.38	+0.04	11.38	+0.04
Sennâr Res.	16.4	16.10	—	16.21	—
Kharṭûm	16.4	10.04	-0.29	10.04	-0.31
Kh. el Girba	—	—	—	—	—
'Aṭbara	16.4	9.76	-0.22	9.80	-0.18
Kajnarti	16.4	131.63	-0.22	131.62	-0.23
Wâdi Halfa	—	—	—	—	—
Aswân Res.	16.4	117.27	—	117.31	—
,, D. S.	16.4	85.35	-0.22	85.33	-0.24
El Leisi	16.4	17.28	+0.36	17.30	+0.38
Rôda (Cairo)	16.4	15.68	+0.17	15.70	+0.19

Pressure and Wind at 8h. 16.4.1937. ٢٧-٤-١٦



SCALE 1:15,000,000

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear 0
¼ Clouded 1
½ Clouded 2
¾ Clouded 3
Entirely clouded 4
Raining 5
Sand haze 6
Sand storm 7
Mist or Fog 8
Thunderstorm 9

VISIBILITY

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

CLOUD FORM

Cirrus Ci
Cirro-cumulus Cc
Cirro-stratus Cs
Alto-stratus As
Alto-cumulus Ac
Strato-cumulus Sc
Stratus St
Nimbus Nb
Nimbo-stratus Ns
Cumulus Cu
Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 15.4.1937. الساعة ٨ يوم ١٥-٤-٢٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1016	+3	ESE	3	17	—	—	—	—	—	—	8	—	—	—	0	—	430	ليماسول
Haifa	1017.0	+4.7	E	4	24.8	28	+4	15	+3	53	-7	0	—	—	—	0	361	634	حيفا
Gaza	1016.0	+3.1	—	0	20.8	32	+8	13	+1	57	-8	0	9	—	0	0	395	369	غزه

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise h. m. 05 26
sunset h. m. 18 24

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ١٩٣٧-٤-١٧

No.	STATION	At 14h. on 16th (الساعة ١٤ يوم ١٦) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Saturday 17th (الساعة ٨ يوم السبت ١٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1013.8	N	5	22.3	40	6	7	1016.7	0.0	WNW	4	13.6	24	—	10	—	79	—	2	6	Ac	1	0	105	—
131	MATRÛH	1012.0	NW	5	19.1	83	0	6	1015.0	+0.3	W	5	16.0	21	-2	14	+1	69	-1	0	6	—	0	0	182	157
150	DIKHEILA	1010.5	NW	3	21.1	73	0	8	1015.1	—	WNW	5	18.5	22	—	17	—	69	—	3	8	Cu	1	0	—	—
132	ALEXANDRIA	1009.5	N	4	23.8	57	3	8	1014.4	+0.1	WNW	6	18.0	26	+2	17	+2	68	-1	2	8	Cu	2	0	167	188
159	DAMIETTA								1013.4	—	SW	4	19.2	34	—	17	—	65	—	1	—	Cu	2	0	75	112
134	PORT SAÏD	1007.8	NE	2	28.5	58	0	7	1013.3	+0.3	NW	6	18.4	36	+12	17	+1	69	+2	4	6	cb	2	0	38	76
135	EL 'ARÎSH	1006.4	NNE	3	32.2	43	3	6	1012.3	—	WSW	3	20.5	40	—	18	—	73	—	4	6	Sc	2	0	—	—
136	LOWER EGYPT: DAMANHÛR								1014.3	0.0	WSW	4	19.9	33	+6	15	+4	57	-9	3	7	cu	1	0	78	107
137	MANSÛRA								1013.4	—	NW	1	19.0	37	+9	14	+2	65	-3	1	6	cs	1	0	45	53
138	TANTA								1014.6	-0.4	NW	6	19.0	37	+8	13	+1	63	-2	3	7	Cu	1	0	54	42
139	ZAGÂZÎG								1014.6	—	WNW	2	18.9	38	+10	13	+2	66	-1	1	8	cs	0	0	20	26
141	MIDDLE EGYPT: CAIRO ALMÂZA														—		—		—							—
	EZBEKÎYA	1009.4	—	0	37.8	17	2	8	1015.1	+1.5	WNW	3	19.9	38	+10	16	+2	60	-5	0	7	Cu	1	0	18	30
	GÎZA	1006.4	—	0	38.3	16	1	7	1014.8	+0.6	NW	2	19.1	39	+11	13	+2	57	-7	1	6	Sc	1	0	16	27
143	HELWÂN	1006.8	SSE	3	37.6	55	1	6	1015.8	+1.9	WNW	3	17.8	39	+10	16	+2	62	+11	1	6	Cu	1	0	17	32
144	SUEZ								1014.4	0.0	NNW	3	20.2	31	+3	15	0	55	-16	4	4	St	0	dr	13	25
153	UPPER EGYPT: FAIYÛM	1007.6	ENE	2	38.0	18	1	7	1016.2	+2.0	NW	4	19.9	40	+10	14	+1	56	+2	0	7	—	0	0	6	11
154	MINYA	1009.4	NNW	1	38.3	18	0	7	1016.4	+2.2	NNW	3	20.0	39	+8	15	+1	55	-6	0	6	—	0	0	16	—
155	ASYÛT	1007.4	WSW	2	39.8	13	0	8	1016.3	+2.8	NW	4	19.0	40	+8	16	+1	52	+8	0	5	—	0	0	dr	5
156	QENA	1006.8	SSE	1	39.8	25	2	9	1012.3	-0.9	WSW	6	23.9	41	+5	21	+5	41	+2	7	6	cs	2	0	dr	—
157	LUXOR	1007.5	WSW	2	41.8	29	3	7	1011.2	—	WNW	6	24.8	42	—	22	—	47	—	0	6	—	1	0	dr	—
158	ASWÂN	1005.8	S	1	42.0	25	0	8	—	—	W	3	30.0	44	+8	26	+7	14	-15	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1010.7	WNW	2	32.0	20	0	6	—	—	NNW	4	16.8	33	+3	12	0	64	+6	0	6	Ci	0	0	29	7
149	BAHARÎYA	1008.7	W	1	37.5	14	0	9	1017.0	—	NNW	3	18.7	39	—	13	—	55	—	0	5	—	4	0	26	—
151	KHÂRGA	1011.9	SE	1	39.2	52	0	9	1015.9	+2.5	N	7	21.8	42	+8	18	+3	44	+1	0	8	—	0	0	0	0
152	DÂKHLA	1009.1	WNW	1	36.8	14	0	8	1017.6	+3.9	NNW	5	20.7	39	+5	18	+4	36	-1	7	5	—	3	0	dr	—
145	RED SEA: TÔR								1010.0	-2.9	NW	5	24.4	38	+10	21	+5	50	-16	0	6	As	0	0	14	14
146	HURGHÂDA								1009.8	-2.6	NW	6	24.0	30	+1	20	+4	50	+4	7	0	—	3	0	dr	0
147	QUSEIR								1008.3	-4.0	NNW	4	25.8	30	+2	22	+2	77	+36	0	7	—	0	0	1	7
169	PORT SUDAN	1011.4	E	1	32.5	—	1	—	1010.6	-0.3	NE	1	30.5	33	+1	22	0	66	+9	0	—	—	0	0	42	108
165	NORTH SUDAN: WÂDI HALFA	1007.5	SE	2	41	—	0	8	1012.1	+0.2	NW	7	26.2	43	+6	24	+7	19	-6	7	5	—	3	—	—	—
166	KAREIMA	1004.8	—	0	42	—	0	8	1007.9	-2.6	N	1	30.0	43	+3	25	+4	17	-1	0	8	—	0	0	tr.	1
167	'ATBARA	1003.5	NW	2	42.7	—	4	—	1007.6	-1.1	SE	2	32.3	43	+3	25	+4	17	+3	0	—	—	0	0	5	2
168	KHARTÛM	1003.7	N	3	43	—	0	8	1007.9	-0.2	NNE	2	30.5	43	+2	24	+2	25	+9	0	8	—	0	0	25	5
170	KASSALA	1001.4	E	2	41	—	0	8	1003.5	-3.9	E	2	35.7	42	+1	30	+7	33	-4	0	8	—	0	0	11	12
171	CENTRAL SUDAN: WAD MEDANI	1002.4	NNW	1	41.7	—	3	—	1007.1	-0.6	N	3	34.4	44	+3	27	+5	—	—	0	—	—	0	0	58	14
173	DUEIM	1003.4	W	3	42.8	—	4	—	1008.3	0.0	N	3	31.2	44	+3	25	+5	33	+15	1	—	—	0	0	35	14
	RENK																									
172	ROSEIRES								1006.8	-0.8	WNW	2	32.4	42	+2	27	+5	35	+4	1	—	—	1	0	3	50
174	EL OBEID	1003.0	—	0	—	—	0	8	—	—	N	2	29.7	42	+3	21	+1	28	0	2	8	Ci	0	0	31	22
175	EL FÂSHER								—	—	WNW	1	25.0	42	+4	17	-1	16	-4	0	—	—	0	0	0	8
176	S. SUDAN: MALAKÂL	—	NW	2	39	—	3	8																		
177	WÂU	1004.3	SW	3	37.6	—	3	—	1009.9	+1.2	SW	3	27.3	38	+1	24	+2	71	+4	3	—	—	2	3	219	210
178	JÛBA	1006.8	ESE	3	32	—	4	7																		
179	Geneina	—	SE	2	37	—	8	—	—	—	E	2	23.5	38	—	16	—	8	—	3	8	Ci	0	0	—	—
180	Gallabat																									

Upper Wind Observations on 17.4.37 — ارصاد الرياح العليا يوم ١٧-٤-١٩٣٧

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Dikheila 07h.45m. Dir.	Kms.	Cairo 08h.30m. Dir.	Kms.	Helwan 08h.45m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	Wadi Halfa 06h.00m. Dir.	Kms.	Kareima 05h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Kassala 06h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Ismailia R.A.F. 07h.00m. Dir.	Kms.	Abukir R.A.F. 07h.30m. Dir.	Kms.
200	270	26	280	33	290	30	300	37	290	11	—	—	—	—	30	31	—	—	—	—	—	—	—	—	—	—	280	34	290	37
500	—	—	290	48	290	49	290	16	300	15	330	42	340	44	0	35	350	56	350	35	100	34	—	—	—	—	300	43	290	37
1000	310	39	300	51	300	53	300	26	300	47	330	64	340	51	0	56	10	43	20	21	50	31	0	47	0	58	300	43	300	40
1500	310	43	290	57					300	37			330	54	10	66	350	18	200	26	10	21	350	47	0	53				
2000	320	50					ent.	Cu	ent.	Cu			330	30	20	79	180	8	30	14	350	18	230	23	0	27				
3000																	190	18					320	8	60	24				
4000																	310	19					200	42						
5000																														
6000																														

Forecast for 24 hours from noon on 17th

Moderate to fresh winds between west and north.
Much low cloud at times.
Remaining cool.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٧

رياح ما بين المعتدلة والشديدة نوعا تهب من الغرب الى الشمال

يكثر السحاب المنخفض احيانا

ويستمر الطقس مائلا للبرودة

STATION	Mean of day: Humidity % on 16th	Diff. from normal	Wet bulb temp. °C on 16th	Diff. from normal
Alexandria	73	+6	17.4	+2.5
Ezbekiya	38	-14	18.8	+2.8
Giza	43	-10	18.1	+2.8
Helwân	30	-11	17.0	+3.5

Giza Grass minimum on 17th 8.9 °C

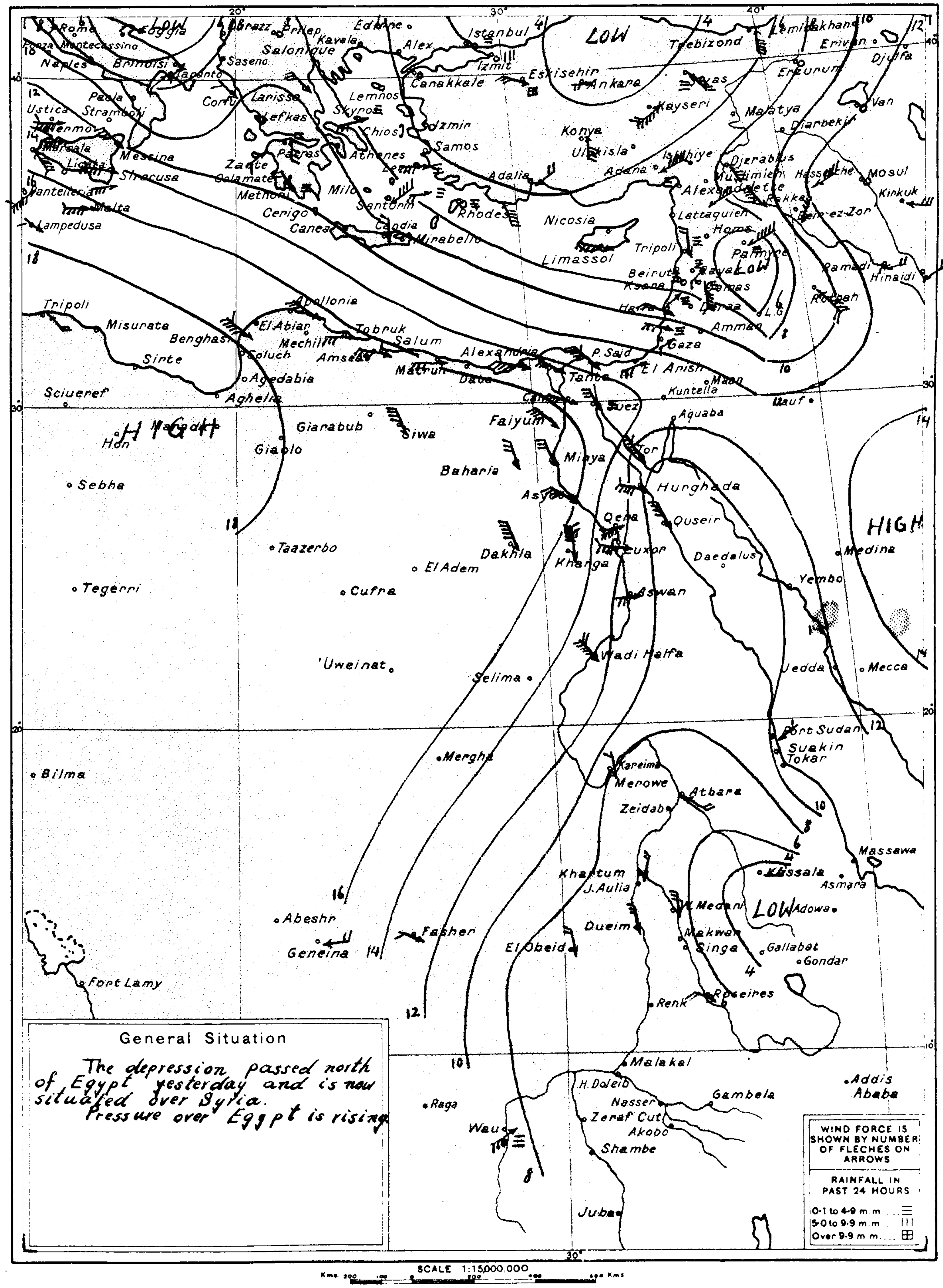
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
17.4	763	822
16.4	764	823

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17.4	13.18	-0.15	13.19	-0.13
Nâsser	15.4	4.68	-0.81	4.69	-0.78
Malakâl	17.4	9.83	-0.27	9.84	-0.26
Roseires	17.4	11.60	+0.26	11.38	+0.04
Sennâr Res.	16.4	16.10	—	16.21	—
Khartûm	17.4	10.02	-0.27	10.04	-0.29
Kh. el Girba					
'Atbara	17.4	9.78	-0.20	9.76	-0.22
Kajnarti	17.4	131.65	-0.21	131.63	-0.22
Wâdi Halfa					
Aswân Res.	17.4	117.23	—	117.27	
,, D.S.	17.4	85.35	-0.23	85.35	-0.22
El Leisi	17.4	17.28	+0.37	17.28	+0.36
Rôda (Cairo)	17.4	15.70	+0.20	15.68	+0.17

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8h. 17.4.1937.



General Situation

The depression passed north of Egypt yesterday and is now situated over Syria.
Pressure over Egypt is rising.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

STATION	At 8h. on 16.4.1937 (الساعة ٨ يوم ١٩٣٧-٤-١٦) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1009	-4	E	2	26	—	—	—	—	—	—	0	—	—	—	0	—	431	ليماسول
Haifa	1012.0	-0.3	E	3	26.2	33	+9	16	+4	54	-6	0	—	—	—	0	361	634	حيفا
Gaza	1010.8	-2.0	—	0	31.0	36	+12	19	+7	33	-32	0	9	—	0	0	395	369	غزة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise h. m. 0 24 — sunset h. m. 18 24

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

DAILY WEATHER REPORT

Month April, 1937 — ١٩٣٧ — شهر ابريل — ١٩٣٧-٤-١٨ — Pressure and Wind at 8 h. 18.4.1937.

	STATION	At 14h. on — الساعة ١٤ يوم: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 18th — الساعة ٨ يوم الاحد ١٨: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1015.5	WNW	2	21.6	45	1	8	1016.6	0.0	W	4	14.6	23	—	11	—	56	—	0	7	—	0	0	105	—
131	MATRÛH	1014.7	WNW	5	18.0	78	1	6	1015.6	+1.0	WSW	3	16.6	19	-4	13	0	80	+10	0	6	—	0	0	182	157
150	DIKHEILA	1015.2	WNW	4	20.0	67	3	—	1016.8	—	WSW	2	18.2	21	—	12	—	75	—	3	7	Cb	2	dr	—	—
132	ALEXANDRIA	1014.6	W	6	20.3	66	4	8	1016.2	+1.9	W	4	17.4	22	-2	14	-1	78	+9	3	8	Cu	2	0	167	188
159	DAMIETTA								1016.0	—	SSW	3	18.0	24	—	11	—	73	—	0	—	—	0	0	75	112
134	PORT SAÏD	1014.2	NE	5	24.2	47	0	6	1016.3	+3.3	SW	5	18.4	24	0	15	-1	73	+6	0	6	—	0	0	38	76
135	EL 'ARÎSH	1013.3	NNW	3	21.0	74	0	7	1016.0	—	—	0	20.2	21	—	14	—	55	—	0	7	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1016.4	+2.1	SW	4	18.1	24	-3	12	+1	70	+4	0	6	—	0	0	78	107
137	MANSÛRA								1015.9	—	W	1	17.8	25	-3	11	-1	71	+3	0	7	—	0	0	45	53
138	TANTA								1016.0	+1.1	SW	2	20.0	26	-3	10	-2	68	+3	0	7	—	0	0	54	43
139	ZAGÂZÎG								1016.8	—	SW	3	19.9	25	-3	11	0	55	-12	0	8	Ci	0	0	20	26
141	MIDDLE EGYPT — CAIRO: ALMÂZA	1014.8	WNW	5	23.9	68	2	9	1016.7	—	SW	2	20.1	24	—	11	—	70	—	0	7	—	0	0	—	—
	EZBEKÎYA	1013.9	WNW	2	24.8	42	2	8	1016.2	+2.6	S	1	19.1	26	-3	14	0	55	-9	0	5	—	0	0	18	30
	GÎZA	1013.3	NW	2	25.0	36	2	7	1016.3	+2.1	S	2	19.6	26	-3	10	-1	50	-14	0	6	—	0	0	16	27
143	HELWÂN	1014.0	WNW	6	23.1	32	1	8	1016.6	+2.7	—	0	18.0	24	-5	13	-1	50	0	0	6	—	0	0	17	32
144	SUEZ								1016.4	+2.0	S	1	20.5	26	-2	14	-1	57	-13	0	6	—	0	0	13	23
	UPPER EGYPT																									
153	FAIYÛM	1014.8	WNW	3	24.9	31	1	8	1017.0	+2.8	ENE	1	19.1	26	-4	13	0	58	+5	0	7	—	0	0	6	11
154	MINYA	1014.6	NW	4	26.3	25	0	7	1017.1	+2.9	N	1	20.0	27	-4	13	-1	50	-11	0	8	—	0	0	16	—
155	ASYÛT	1013.9	NNW	4	26.0	24	0	8	1017.1	+3.6	WSW	3	19.5	29	-3	13	-2	41	-2	0	8	—	0	0	dr	5
156	QENA	1011.5	NNW	4	30.5	21	0	7	1015.9	+2.8	WNW	1	22.0	31	-5	15	-2	42	+3	0	8	—	0	0	dr	—
157	LUXOR	1011.6	NNW	6	29.7	31	0	8	1015.4	—	NNE	1	24.1	31	—	12	—	45	—	0	8	—	0	0	dr	—
158	ASWÂN	1009.8	N	6	31.0	17	7	3	1015.0	+2.7	N	4	21.5	32	-4	16	-3	32	+3	1	8	Ci	1	0	1	—
	WESTERN DESERT																									
148	SÎWA	1016.8	W	2	24.2	68	0	6	1018.3	+3.4	—	0	18.2	25	-5	11	-1	73	+15	0	6	Ci	0	0	29	7
149	BAHARÎYA	1015.1	—	—	23.7	24	0	9	1017.0	—	NW	2	19.3	25	—	15	—	43	—	0	9	—	0	0	26	—
151	KHÂRGA	1013.6	N	7	28.3	25	0	8	1017.0	+3.7	N	2	19.2	29	-5	14	-1	53	+11	0	9	—	0	0	0	0
152	DÂKHLA	1014.4	N	6	26.8	14	0	7	1018.2	+4.5	NW	2	18.7	27	-7	12	-2	39	+2	0	8	—	0	0	dr	—
	RED SEA																									
145	TÛR								1015.4	+2.6	NW	3	23.1	30	+2	15	-1	32	-34	0	6	—	0	0	14	14
146	HURGHÂDA								1015.8	+3.4	NNW	4	23.0	28	-1	16	0	55	+9	0	5	—	1	0	dr	0
147	QUSEIR								1015.1	+2.8	NNW	5	24.1	28	0	19	-1	40	-1	0	7	—	0	0	1	7
169	PORT SUDAN	1007.2	E	1	32.4	—	0	—	1012.2	+1.4	NE	5	28.4	34	+2	24	+2	61	+5	0	—	—	0	0	42	108
	NORTH SUDAN																									
165	WÂDI HALFA	1012.7	NNW	7	30	—	0	8	1015.9	+4.1	N	3	19.8	31	-6	17	-1	32	+7	1	8	Ci	0	—	—	—
166	KAREIMA	1004.7	NNW	3	42	—	1	6	1012.3	+1.9	N	4	25.0	42	+2	20	-1	11	-7	0	7	—	0	0	tr.	1
167	'ATBARA	1001.9	S	2	43.4	—	0	—	1008.3	-0.3	N	6	30.0	44	+4	28	+7	28	+14	0	—	—	0	0	5	2
168	KHARTÛM	1002.8	N	3	39.4	—	0	8	1009.2	+1.1	N	5	27.5	43	+2	24	+2	20	+4	8	4	—	4	0	25	5
170	KASSALA	999.8	N	4	42	—	0	8	1004.7	-2.7	NE	2	33.0	43	+2	28	+5	30	-6	0	8	—	0	0	11	12
	CENTRAL SUDAN																									
171	WAD MEDANI	—	NNE	1	33.4	—	0	—	1008.2	+0.5	NW	4	30.4	44	+3	27	+5	13	-4	0	—	—	4	0	58	14
173	DUEIM	1000.2	NW	3	32.4	—	0	—																		
182	RENK																									
172	ROSEIRES	1003.5	WNW	2	40.8	—	1	—	1006.4	-1.2	WNW	2	32.7	42	+2	24	+2	27	-5	2	—	—	1	0	3	50
174	EL OBEID	1002.8	N	2	41.6	—	1	8	1010.3	+0.6	NW	2	26.1	42	+3	25	+5	19	-10	8	4	Ci	4	0	31	22
175	EL FÂSHER	—	E	2	41.5	—	0	—	—	—	—	0	24.0	42	+4	22	+4	15	-5	1	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL																									
177	WÂU	1005.6	S	4	36.0	—	1	—	1007.8	-0.9	W	3	28.8	37	0	25	+3	65	-3	1	—	—	1	0	219	212
178	JÛBA	1006.8	S	3	31.6	—	0	—	1011.3	+1.1	SSE	3	28.0	38	+3	23	+1	57	-19	3	9	Sc,Cu	1	0	222	245
179	Geneina								—	—	NE	3	23.3	38	—	16	—	18	—	6	4	—	0	0	—	—
180	Gallabat	—	—	0	33.4	—	1	—																		

Upper Wind Observations on 18.4.37 — ١٩٣٧-٤-١٨ — ارصاد الرياح العليا يوم

Height metres above M.S.L.	Salûm 07h00 m. Dir. E of N.	Kms. per hour	Matruh 07h00 m. Dir. E of N.	Kms. per hour	Dikheila 08h00 m. Dir. E of N.	Kms. per hour	Almaza 07h30 m. Dir. E of N.	Kms. per hour	Cairo 08h30 m. Dir. E of N.	Kms. per hour	Helwan 08h30 m. Dir. E of N.	Kms. per hour	Asyut 07h00 m. Dir. E of N.	Kms. per hour	Aswan 07h00 m. Dir. E of N.	Kms. per hour	Wadi Halfa 06h00 m. Dir. E of N.	Kms. per hour	Kareima 05h00 m. Dir. E of N.	Kms. per hour	Khartûm 06h00 m. Dir. E of N.	Kms. per hour	Kassala 07h00 m. Dir. E of N.	Kms. per hour	Geneina 07h00 m. Dir. E of N.	Kms. per hour	Juba 06h00 m. Dir. E of N.	Kms. per hour	Salûm 17h 13h00 m. Dir. E of N.	Kms. per hour
200	270	17	280	26	250	20	220	16	220	11	190	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	270	15
500	—	—	290	36	280	20	260	16	290	11	230	7	0	23	10	36	20	66	20	53	0	61	290	14	—	—	270	53	—	—
1000	290	33	290	35	270	44	260	18	260	21	270	25	0	26	20	47	30	66	30	56	350	53	250	14	0	21	290	42	50	14
1500	280	42	290	49			290	34			290	26	350	27	40	24	20	53					40	27			270	19	270	48
2000	280	84					300	39			290	37			350	21	350	47					30	24			330	11		
3000																	350	31									170	29		
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 18th

On the coast moderate to fresh winds between west and northwest. Inland light to moderate winds between southwest and west. Mainly clear. Slightly warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٨

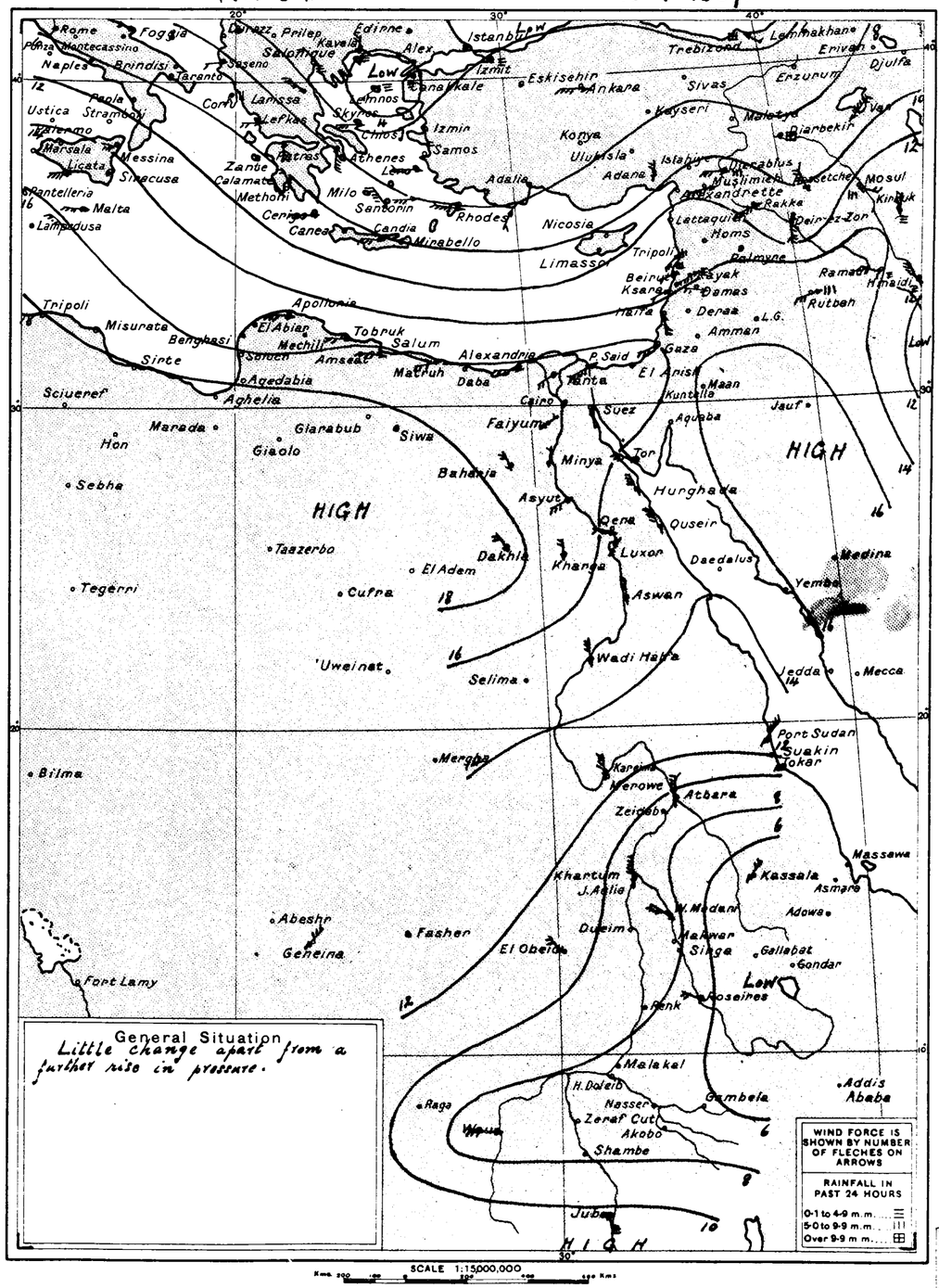
رياح بين المعتدلة والنشيطة وبين غربية وشمالية غربية على الساحل ورياح الخفيفة والمعتدلة وبين جنوبية غربية وغربية فى الداخل والسماء صحو على العموم - ترتفع درجة الحرارة قليلا

STATION	Mean of day: Humidity % on 17th	Diff. from normal	Wet Bulb Temp. °C on 17th	Diff. from normal
Alexandria	68	+1	15.2	+0.2
Ezbekiya	54	+2	15.8	-0.3
Giza	50	-3	15.0	-0.4
Helwân	48	+7	13.7	+0.1
Giza Grass minimum on	8 cm		6.1	°C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
18.4	787	821
17.4	763	822

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18.4	13.22	-0.12	13.18	-0.15
Nâsser	17.4	4.82	-0.65	4.68	-0.80
Malakâl	18.4	9.83	-0.27	9.83	-0.27
Roseires	18.4	11.60	+0.27	11.60	+0.26
Sennâr Res.	17.4	16.02	—	16.10	—
Khartûm	17.4	10.02	-0.27	10.04	-0.29
Kh. el Girba					
'Atbara	18.4	9.80	-0.18	9.78	-0.20
Kajnarti	18.4	131.63	-0.23	131.65	-0.21
Wâdi Halfa					
Aswân Res.	18.4	117.15		117.23	
" D.S.	18.4	85.41	-0.17	85.35	-0.23
El Leisi	18.4	17.28	+0.37	17.28	+0.37
Roda (Cairo)	18.4	15.73	+0.23	15.70	+0.20



STATION	At 8h. on 17.4.1937 — ١٩٣٧-٤-١٧ — الساعة ٨ يوم: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Lîmassol	1007	-6	WNW	4	18	—	—	—	—	—	—	4	—	—	—	0	—	432	ليماسول
Haifa	1010.6	-1.6	WNW	2	21.6	38	+14	18	+5	81	+21	3	—	—	—	0	361	635	حيفا
Gaza	1012.0	-0.8	SW	1	19.2	40	+16	18	+6	79	+14	3	5	—	1	0	395	369	غزه

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION

Inland Post .... P.T. 100

Abroad .... P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO
Time of sunrise 05h 23
sunset 18h 25

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month April, 1937 — ١٩٣٧ ابريل شهر

1417 F.C.

At 14h. on 18th April 1937 — الساعة ١٤ يوم ١٨ ابريل ١٩٣٧

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN — SALÛM	1016.5	NNE	4	19.0	63	0	8
131	MATRÛH	1015.1	NW	4	18.6	66	0	9
150	DIKHEILA	1016.0	NW	2	19.8	70	0	—
132	ALEXANDRIA	1015.5	WNW	3	22.2	56	0	9
159	DAMIETTA							
134	PORT SAÎD							
135	EL 'ARÎSH	1014.6	NNW	3	21.2	61	0	7
136	LOWER EGYPT — DAMANHÛR							
137	MANSÛRA							
138	TANTA							
139	ZAGÂZÎG							
141	MIDDLE EGYPT — CAIRO — ALMÂZA	1015.5	WNW	3	25.7	66	0	9
	EZBEKÎYA	1014.0	WNW	2	26.7	32	0	8
	GÎZA	1013.8	NW	2	27.2	29	0	7
143	HELWÂN	1014.3	SE	1	26.8	27	0	8
144	SUEZ							
153	UPPER EGYPT — FAIYÛM	1014.6	WNW	2	27.0	31	0	8
154	MINYA	1014.7	NNE	2	28.5	26	0	8
155	ASYÛT	1014.3	WSW	3	28.0	20	0	8
156	QENA	1012.4	SW	3	31.7	16	1	8
157	LUXOR	1012.7	NNW	3	31.1	31	1	8
158	ASWÂN	1010.6	NW	3	31.9	12	1	8
148	WESTERN DESERT — SÎWA	1015.8	NW	2	26.2	42	0	6
149	BAHARÎYA	1015.2	NW	3	27.3	25	0	9
151	KHÂRGA	1014.7	N	2	28.0	22	0	9
152	DÂKHLA	1016.0	NNE	1	26.9	22	0	9
145	RED SEA — TÛR							
146	HURGHÂDA							
147	QUSEIR							
149	PORT SUDAN	1010.5	NE	6	29.0	—	0	—
165	NORTH SUDAN — WÂDI HALFA	1012.8	NNW	4	30.8	—	0	8
166	KAREIMA	1007.3	NNW	2	37	—	0	8
167	'ATBARA	1003.4	N	2	40.0	—	0	—
168	KHARTÛM	1004.0	N	4	40	—	6	5
170	KASSALA	998.7	ENE	1	43	—	1	8
171	CENTRAL SUDAN — WAD MEDANI	1001.9	—	0	41.0	—	6	—
173	DUEIM	1004.3	NW	4	39.4	—	0	—
182	RENK							
172	ROSEIRES							
174	EL OBEID	1004.0	NW	3	37	—	6	6
175	EL FÂSHER	—	W	3	38.7	—	2	—
176	S. SUDAN — MALAKÂL	—	NNE	1	38	—	3	8
177	WÂU	1002.4	N	3	38.7	—	2	—
178	JUBA	1004.3	SSE	2	36	—	3	8
179	Geneina	—	ENE	3	36	—	6	4
180	Gallabat	—	ESE	2	39.7	—	0	—

At 8h. on Monday 19th April 1937 — الساعة ٨ يوم الاثنين ١٩ ابريل ١٩٣٧

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	1017.0	+2.4	WNW	1	16.2	21	-2	12	-1	91	+21	0	6	—	0	0	182	157
131	MATRÛH	1017.9	—	WNW	1	18.9	21	—	15	—	63	—	1	8	Sc	0	0	—	—
150	DIKHEILA	1017.5	+3.3	NW	1	17.3	23	-1	15	0	68	-1	2	9	Cu	1	0	167	188
132	ALEXANDRIA	1017.2	—	WNW	2	20.2	26	—	13	—	67	—	0	—	Ci	1	0	75	113
159	DAMIETTA	1017.5	+4.6	NW	—	19.2	25	+1	15	-1	72	+5	1	7	Ac	0	0	38	77
134	PORT SAÎD	1016.3	—	WSW	1	23.3	22	—	12	—	43	—	0	7	—	0	0	—	—
135	EL 'ARÎSH																		
136	LOWER EGYPT — DAMANHÛR	1017.6	+3.4	WNW	2	20.0	26	-1	13	+1	57	-8	1	6	Cu	1	0	78	107
137	MANSÛRA	1017.0	—	N	1	18.5	27	-1	13	+1	66	-1	0	6	Ci	0	0	45	53
138	TANTA	1017.0	+2.1	—	0	19.0	27	-2	9	-4	63	-2	0	7	—	0	0	54	43
139	ZAGÂZÎG	1018.2	—	NNW	2	18.8	27	-2	11	-1	70	+3	0	9	—	0	0	20	26
141	MIDDLE EGYPT — CAIRO — ALMÂZA	1016.8	—	E	1	21.0	26	—	12	—	65	—	0	8	—	0	0	—	—
	EZBEKÎYA	1016.8	+3.3	NNW	2	21.0	28	-1	14	0	55	-9	0	6	—	0	0	18	30
	GÎZA	1017.0	+2.8	NNW	2	20.2	28	-1	11	0	46	-18	0	6	—	0	0	16	28
143	HELWÂN	1017.2	+3.4	NNW	2	17.8	27	-2	15	+1	65	+15	0	5	—	0	0	17	33
144	SUEZ	1016.7	+2.4	N	1	19.0	26	-3	15	-1	63	-7	8	6	Sc	0	0	13	25
153	UPPER EGYPT — FAIYÛM	1017.2	+3.1	ENE	3	21.4	29	-2	14	+1	46	-7	0	8	—	0	0	6	11
154	MINYA	1016.7	+2.6	N	2	20.0	29	-2	14	0	57	-3	0	9	—	0	0	16	—
155	ASYÛT	1016.2	+2.8	S	2	22.0	30	-2	15	0	36	-7	0	8	—	0	0	dr	5
156	QENA	1014.6	+1.5	NW	1	24.0	33	-3	17	0	39	0	0	7	—	0	0	dr	—
157	LUXOR	1014.3	—	WSW	1	26.0	33	—	13	—	48	—	0	8	—	0	0	dr	—
158	ASWÂN	1013.0	+0.8	N	3	23.5	33	-3	18	-1	30	+1	0	8	—	0	0	1	
148	WESTERN DESERT — SÎWA	1017.5	+2.6	—	0	19.4	27	-3	11	-1	61	+3	0	6	Ci	0	0	29	7
149	BAHARÎYA	1017.2	—	—	0	20.0	28	—	10	—	49	—	0	9	—	0	0	26	—
151	KHÂRGA	1015.5	+2.2	N	5	24.0	30	-4	14	-2	57	+15	0	9	—	0	0	0	0
152	DÂKHLA	1016.7	+3.1	WNW	3	20.3	27	-8	13	-2	33	-4	0	7	—	0	0	dr	—
145	RED SEA — TÛR	1014.0	+1.3	NW	5	23.0	29	+1	18	+2	74	+8	0	6	—	0	0	14	14
146	HURGHÂDA	1015.2	+2.7	NW	3	25.2	27	-2	17	+1	50	+4	0	5	—	1	0	dr	0
147	QUSEIR	1013.5	+1.5	N	4	25.9	27	-1	20	0	45	+4	0	7	—	0	0	1	7
149	PORT SUDAN	1010.0	-0.8	NE	2	27.5	30	-2	21	-1	50	-6	0	—	—	0	0	42	108
165	NORTH SUDAN — WÂDI HALFA	1014.1	+2.3	N	3	21.2	31	-6	17	-1	41	+17	0	8	—	0	—	—	—
166	KAREIMA	1009.9	-0.5	NNE	3	26.5	38	-2	20	-1	7	-11	0	7	—	0	0	tr.	7
167	'ATBARA	1008.0	-0.6	N	3	27.8	40	0	25	+4	31	+17	0	—	—	0	0	5	2
168	KHARTÛM	1007.6	-0.5	N	3	26.2	41	0	22	0	19	+3	0	8	—	0	0	25	5
170	KASSALA	1004.2	-3.1	NNE	1	31.1	43	+2	24	+1	42	+6	0	8	—	0	0	11	12
171	CENTRAL SUDAN — WAD MEDANI																		
173	DUEIM																		
182	RENK																		
172	ROSEIRES	1005.3	-2.3	NW	2	30.9	46	+6	25	+3	8	-24	2	—	—	1	0	3	51
174	EL OBEID	1008.3	-1.4	NW	4	26.7	38	-1	21	+1	17	-13	1	8	Ci	0	0	31	22
175	EL FÂSHER	—	—	WSW	1	22.0	39	+1	15	-3	12	-8	0	—	—	0	0	0	8
176	S. SUDAN — MALAKÂL	—	—	NW	1	26.4	39	+1	23	0	69	+19	4	8	Ac	2	0	108	113
177	WÂU	1007.6	-1.1	W	3	27.0	39	+2	24	+2	69	+1	3	—	—	2	0	219	214
178	JUBA	1010.0	-0.2	SE	3	24.1	38	+3	21	-1	83	+7	4	8	Sc	9	11	233	249
179	Geneina	—	—	ENE	3	21.8	39	—	17	—	10	—	2	8	Cu	1	0	—	—
180	Gallabat																		

Upper Wind Observations on 19.4.1937 — ارصاد الرياح العليا يوم ١٩-٤-١٩٣٧

Height metres above M.S.L.	Matruh 07.00m Dir. E of N	Kms per hour	Dikheila 08.00 Dir. E of N	Kms per hour	Almaza 07.00m Dir. E of N	Kms per hour	Cairo 08.30m Dir. E of N	Kms per hour	Helwan 06.30m Dir. E of N	Kms per hour	Asyut 07.00m Dir. E of N	Kms per hour	Aswan 07h.00m Dir. E of N	Kms per hour	Wadi Halfa 06.00h. Dir. E of N	Kms per hour	Kareima 05.00m Dir. E of N	Kms per hour	Khartum 06h.00m Dir. E of N	Kms per hour	Kassala 06.00m. Dir. E of N	Kms per hour	El Obeid 06h.00m Dir. E of N	Kms per hour	Geneina 07h.00m. Dir. E of N	Kms per hour	Juba 06h.00m Dir. E of N	Kms per hour	Sutum 18th 13h.00m. Dir. E of N	Kms per hour
200	300	18	290	8	30	4	320	9	330	4	—	—	—	—	10	43	—	—	—	—	—	—	—	—	—	—	—	—	280	16
500	330	33	270	8	320	17	340	14	350	17	10	36	20	43	30	60	30	56	0	50	30	10	—	—	—	—	280	42	—	—
1000	330	39	270	14	310	32	320	35	320	32	0	36	30	29	30	63	40	60	10	55	110	19	350	47	0	48	270	50	290	19
1500	300	39			310	46	340	32	330	41	340	24			20	43	60	26	20	37	90	31	0	26	70	39	330	11	280	37
2000	310	21			320	36	350	30	330	36					70	32	180	5	20	37	20	27	0	21	90	13	200	32		
3000					300	36			330	41					60	13	240	24			350	18	150	8	330	16	150	26		
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 19th

On the coast, moderate winds chiefly westerly backing later to south.
Inland light to moderate northwest winds, becoming northeasterly.
Mainly clear
Somewhat warmer tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من يوم ١٩
رياح معتدلة على الساحل اغلبها غربية ثم تتحول الى الجنوب - ورياح خفيفة الى معتدلة في الداخل شمالية غربية اولا ثم تتحول الى الشمال الشرقي
السماء صحو في الغالب وتزداد حرارة الجو قليلا غدا

STATION	Mean of day: Humidity % on 18th	Diff. from normal	Wet Bulb Temp. °C on 18th	Diff. from normal
Alexandria	73	+11	15.8	+0.8
Ezbekiya	48	-4	15.4	-0.8
Gîza	42	-11	15.2	-0.3
Helwân	36	-5	14.0	+0.3

Gîza Grass minimum on 19th 7.2 °C

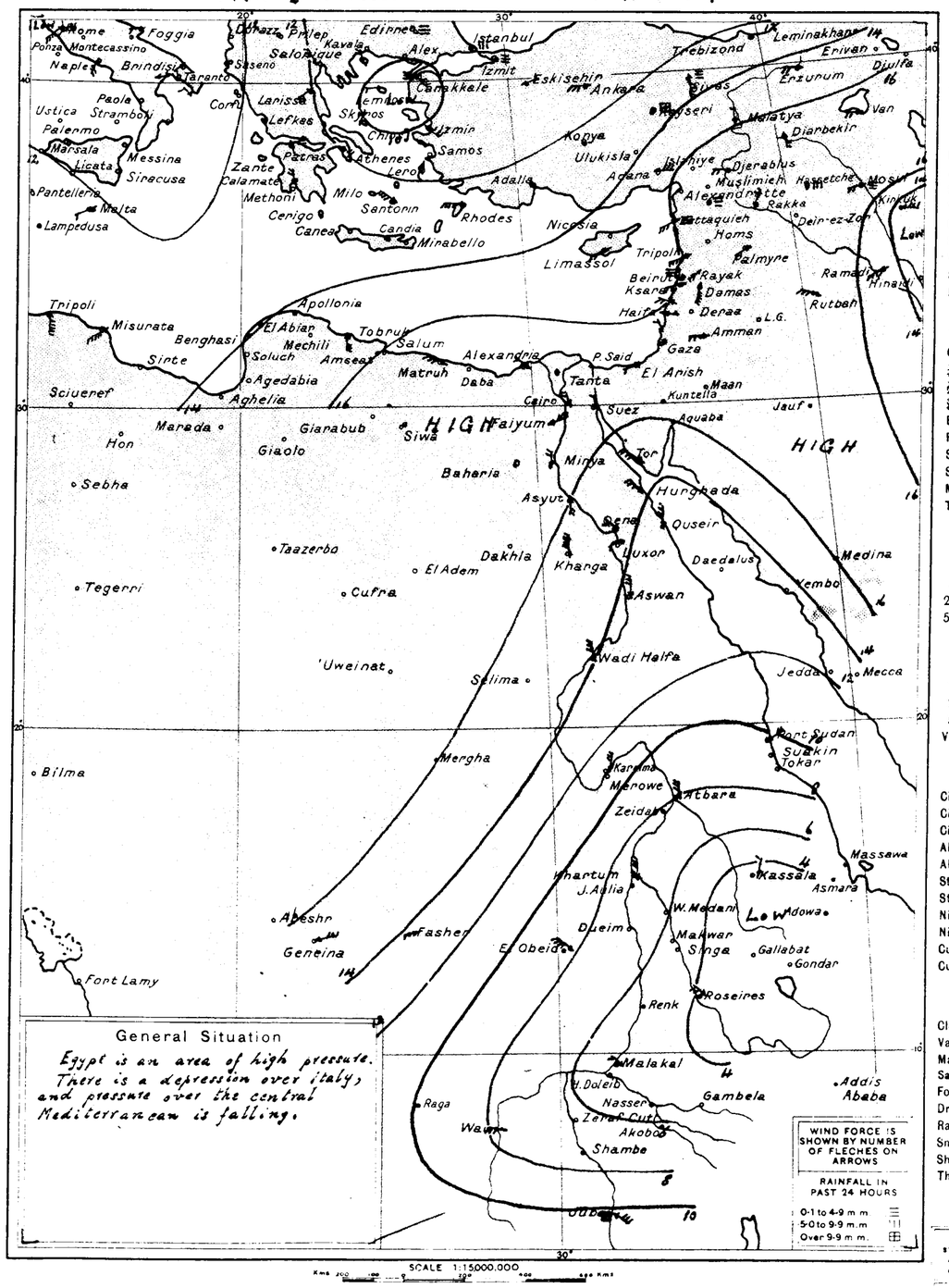
Discharges at Aswân measured by sluices m³ per sec.

DATE	1937	1936
19.4	785	824
18.4	787	821

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	18.4	13.22	-0.12	13.18	-0.15
Nâsser	18.4	4.92	-0.54	4.82	-0.65
Malakâl	19.4	9.82	-0.28	9.83	-0.27
Roseires	19.4	11.55	+0.23	11.60	+0.27
Sennâr Res.	18.4	15.92	—	16.02	—
Khartûm	18.4	9.94	-0.30	10.02	-0.27
Kh. el Girba					
Atbara	19.4	9.81	-0.17	9.80	-0.18
Kajnarti	18.4	131.63	-0.23	131.65	-0.21
Wâdi Halfa					
Aswân Res.	19.4	117.04	—	117.15	—
D. S.	19.4	85.41	-0.17	85.41	-0.17
El Lesi	13.4	17.28	+0.38	17.28	+0.37
Rôda (Cairo)	19.4	15.73	+0.23	15.73	+0.23

Printed by the Survey of Egypt 1936. (36/530)

Pressure and Wind at 8 h. 19.4.1937. — ١٩٣٧-٤-١٩



General Situation

Egypt is an area of high pressure. There is a depression over Italy, and pressure over the central Mediterranean is falling.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

SCALE 1:15,000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 18.4.1937 — الساعة ٨ يوم ١٨-٤-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1011	-2	W	6	18	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1015.2	+3.0	SSE	2	21.5	23	-1	17	+4	77	+17	1	—	—	—	0	361	635	حيفا
Gaza	1014.8	+2.1	—	0	22.9	28	+4	19	+7	69	+4	0	9	—	0	0	395	370	غزه

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise 05 h. 22 m.
sunset 18 h. 26 m.

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 19th — الساعة ١٤ يوم ١٩ / At 8h. on Tuesday 20th — الساعة ٨ يوم الثلاثاء ٢٠

No.	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1017.2	NE	2	23.1	53	0	8	1015.9	-0.6	SW	3	20.0	25	—	11	—	41	—	2	6	Ci	1	0	105	—
131	MATRÛH	1016.6	N	2	20.4	55	0	6	1016.4	+1.8	S	2	19.9	21	-2	13	0	46	-24	2	6	Ac	1	0	182	157
150	DIKHEILA																									
132	ALEXANDRIA	1017.5	NNW	4	21.6	55	0	9	1018.2	+4.0	ESE	2	17.0	23	-1	14	-1	77	+8	0	9	—	0	0	167	188
159	DAMIETTA								1018.0	—	ENE	3	20.2	26	—	13	—	64	—	0	—	—	0	0	75	113
134	PORT SAÏD	1016.8	NW	3	22.2	62	0	7	1018.4	+5.5	NE	3	19.2	24	0	16	0	68	+1	0	7	—	1	0	38	77
135	EL 'ARÎSH	1015.8	NNE	3	21.0	65	0	7	1018.4	—	—	0	19.5	24	—	11	—	68	—	4	0	Cu	1	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1018.2	+4.0	E	3	18.9	26	-2	14	+2	65	0	0	7	—	0	0	78	107
137	MANSÛRA								1017.6	—	E	2	19.2	27	-1	14	+1	58	+1	0	7	—	0	0	45	53
138	TANTA								1017.5	+2.7	E	3	19.0	27	-3	9	-4	69	+4	0	7	—	0	0	54	43
139	ZAGÂZÎG	1015.6	NNW	2	26.5	35	0	8	1018.0	—	E	2	19.0	27	-2	11	-1	72	+5	1	8	Ci	1	0	20	26
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1016.8	NW	3	26.0	30	0	9	1017.8	—	ENE	5	18.3	27	—	12	—	63	—	0	9	—	0	0	—	—
	CAIRO EZBEKÎYA	1015.5	N	2	26.2	34	0	8	1017.3	+3.7	NE	5	20.6	28	-1	13	-1	59	-5	0	7	—	0	0	18	30
	CAIRO GÎZA	1015.1	NNW	2	26.6	27	0	7	1017.2	+3.0	NE	2	18.9	28	-1	11	0	63	-1	0	6	—	0	0	15	28
143	HELWÂN	1015.2	WNW	3	24.9	22	0	8	1016.7	+2.9	NE	5	19.4	26	-3	15	0	48	-2	0	6	—	0	0	17	33
144	SUEZ								1017.4	+3.2	NW	4	20.0	28	-1	16	0	55	-15	0	—	—	0	0	13	25
	UPPER EGYPT																									
153	FAIYUM	1015.4	N	3	27.3	21	0	8	1017.0	+2.9	N	3	19.5	28	-3	12	-1	61	+8	0	8	—	0	0	6	11
154	MINYA	1014.4	NNE	3	28.6	25	0	9	1016.7	+2.6	NNE	2	20.0	29	-2	15	+1	58	-2	0	8	—	0	0	16	
155	ASYÛT	1013.4	NNW	3	29.0	20	0	8	1015.1	+1.8	WNW	3	20.0	30	-2	13	-2	67	+24	0	8	—	0	0	dr.	5
156	QENA	1011.1	NNE	1	33.3	20	0	8	1013.4	+0.4	WNW	1	22.5	34	-2	15	-3	36	-3	0	7	—	0	0	dr.	—
157	LUXOR	1010.8	ENE	2	33.8	24	0	6	1013.3	—	WNW	1	25.3	35	—	12	—	32	—	0	8	—	0	0	dr.	—
158	ASWÂN	1009.3	NW	3	33.3	16	0	8	1011.9	-0.3	N	1	23.5	35	-2	17	-2	29	0	1	8	Ci	1	0	1	—
	WESTERN DESERT																									
148	SÎWA	1016.2	SW	1	28.9	36	0	6	1016.4	+1.6	—	0	20.0	31	+1	12	0	50	-7	0	6	Ci	0	0	29	7
149	BAHARÎYA	1014.7	NNW	3	28.1	26	0	9	1016.8		ESE	1	19.0	29	—	12	—	63	—	0	9	—	0	0	26	—
151	KHÂRGA	1012.8	N	5	30.4	47	0	9	1014.3	+1.1	N	4	23.3	31	-4	18	+2	51	+9	0	9	—	0	0	0	0
152	DÂKHLA	1013.6	NNW	3	29.2	19	0	8	1015.2	+1.7	—	0	23.8	31	-4	17	+2	33	-4	0	8	—	0	0	dr.	—
	RED SEA																									
145	TOR								1012.8	+0.1	NW	3	23.0	27	-1	15	-1	63	-3	0	0	—	0	0	14	14
146	HURGHÂDA								1013.0	+0.7	NNW	5	23.4	29	0	18	+2	59	+13	0	6	—	0	0	dr.	0
147	QUSEIR								1012.3	+0.1	NNW	3	25.7	28	0	20	0	—	—	0	7	—	0	0	1	7
169	PORT SUDAN	1012.6	NE	3	29.4	—	0	—	1010.3	-0.4	N	2	28.4	32	0	21	-1	58	+3	0	—	—	0	0	42	108
	NORTH SUDAN																									
165	WÂDI HALFA	1011.3	NNE	3	32.2	—	0	8	1012.4	+0.7	N	2	20.5	34	-3	16	-2	34	+10	1	8	Ci	0	—	—	—
166	KAREIMA	1005.6	NNE	2	38.6	—	0	8	1008.1	-2.2	ENE	2	28.0	39	-1	23	+2	8	-10	0	8	—	0	0	tr.	1
167	'ATBARA	1002.4	N	2	41.0	—	0	—	1007.0	-1.5	ENE	3	30.3	41	+1	23	+2	20	+6	0	—	—	0	0	5	2
168	KHARTÛM	1001.5	N	4	41.1	—	0	8	1006.4	-1.7	NNE	3	28.0	42	+1	23	+1	27	+11	1	8	Cs	1	0	25	5
170	KASSALA	996.8	NE	4	41.8	—	0	8	1004.0	-3.3	E	1	30.1	42	+1	24	+1	47	+11	0	8	—	0	0	.1	12
	CENTRAL SUDAN																									
171	WAD MEDANI	1000.2	NNE	1	41.8	—	0	—	1005.4	-2.2	N	3	30.2	43	+1	23	+1	28	+11	0	—	—	0	0	58	14
173	DUEIM	1002.3	N	2	39.8	—	0	—																		
182	RENK																									
172	ROSEIRES	1003.1	NNW	2	42.1	—	0	—	—	—	WSW	2	33.2	43	+3	22	0	21	-12	0	—	—	0	0	3	51
174	EL OBEID	1003.6	NNW	2	37.0	—	2	5	1007.0	-2.1	NNW	3	26.5	37	-2	19	-1	16	-14	2	8	Ci	1	0	31	22
175	EL FÂSHER	—	NE	3	37.0	—	0	—	—	—	NNW	2	22.2	40	+2	18	0	12	-8	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL	—	W	1	37.4	—	0	8	—	—	SSW	1	28.7	39	+1	23	0	58	+7	4	8	Cs	2	0	108	113
177	WÂU	1003.0	W	3	37.5	—	2	—	1000.4	-2.3	SW	3	28.7	37	0	20	+4	66	-2	1	—	—	1	0	219	216
178	JÛBA								1009.7	-0.5	SSE	3	24.4	34	-1	22	+1	76	0	3	7	Sc	1	dr.	233	253
179	*Geneina*	—	E	1	37.5	—	0	8	—	—	E	1	21.9	38	—	14	—	23	—	3	8	Ci	0	0	—	—
180	*Gallabat*	—	N	1	40.3	—	0	—																		

Upper Wind Observations on 20-4-1937 — ارصاد الرياح العليا يوم ٢٠-٤-١٩٣٧

Dir. = E. of N.; Kms = Kms. per hour

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Almaza 07h.30m. Dir.	Kms	Cairo 08h.30m. Dir.	Kms	Helwan 08h.30m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	Wadi Halfa 06h.00m. Dir.	Kms	Kareima 05h.00m. Dir.	Kms	Khartum 06h.00m. Dir.	Kms	Kassala 06h.00m. Dir.	Kms	El Obeid 00h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Juba 06h.00m. Dir.	Kms
200	190	5	140	25	60	34	70	56	60	17	—	—	—	—	10	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	140	14	60	42	70	44	20	21	30	43	40	36	40	48	40	50	10	29	—	—	—	—	—	—	180	16	270	40
1000	160	13	120	12	30	34	20	32	30	37	30	60	40	32	50	47	50	50	40	32	100	31	3	56	60	53	220	31	290	34
1500	120	13	20	9	10	35	50	33	30	20	30	51	30	18	30	27	70	31	30	11	50	27	350	8	70	34	230	23	310	11
2000			30	11			30	32	340	26			270	10	50	8	150	11	190	21	20	24	260	5	130	14	290	14	170	26
3000			280	17					310	9					100	5	240	26			40	31	190	16	170	19	350	21	190	34
4000			290	32					260	36																				
5000																														
6000																														

Forecast for 24 hours from noon on 20th

On the coast moderate southerly winds, freshening.
Inland fresh northeast winds, becoming moderate southeast later.
Clear at first; some high cloud later.
Warmer. Further outlook: moderate khamsin conditions.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٠
رياح جنوبية معتدلة على الشواطئ تشتد قليلا مع السواحل
ورياح نسبية شمالية شرقية ثم تصير جنوبية معتدلة فيما بعد في الداخل
السماء صحو أولا ثم يظهر بعض السحاب العالي
ترتفع درجة الحرارة
وفيما بعد سيكون الطقس خماسينيا متوسطا.

STATION	Mean of day: Humidity % on 19th	Diff. from normal	Wet bulb temp. °C on 19th	Diff. from normal
Alexandria	58	+1	14.1	-0.3
Ezbekiya	49	-5	16.2	-0.1
Giza	43	-10	15.1	-0.0
Helwân	47	+6	14.3	+0.5

Giza Grass minimum on 20th 7.2 °C

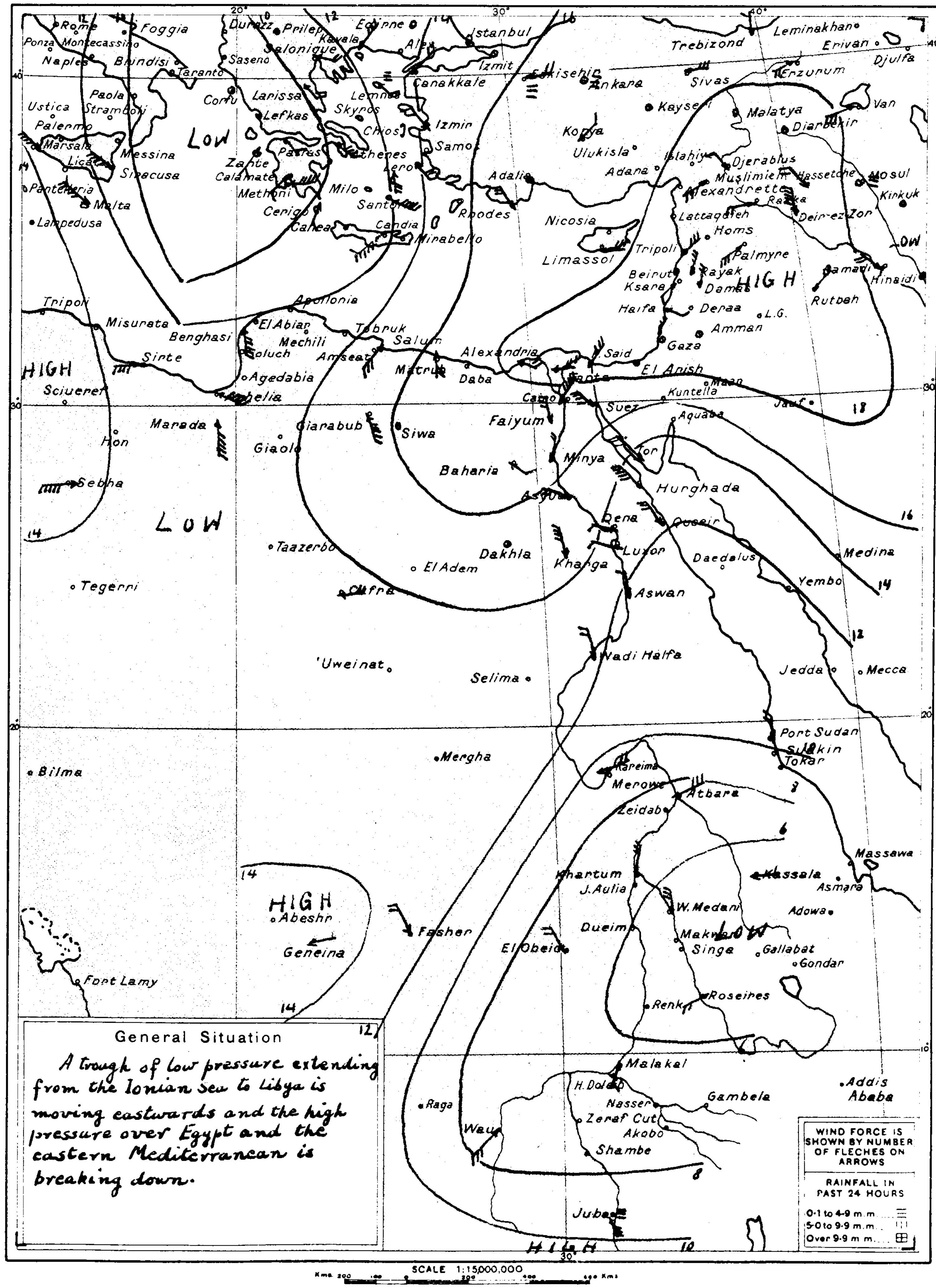
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
20-4	787	822
19-4	785	824

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19-4	13.26	-0.09	13.22	-0.12
Nâsser	19-4	5.05	-0.42	4.92	-0.54
Malakâl	19-4	9.62	-0.28	9.82	-0.28
Roseires	19-4	11.51	+0.20	11.55	+0.23
Sennâr Res.	19-4	15.92	—	15.92	—
Khartûm	19-4	9.90	-0.32	9.74	-0.30
Kh. el Girba					
'Atbara	19-4	9.81	-0.17	9.80	-0.18
Kajnarti	19-4	131.54	-0.32	131.63	-0.23
Wâdi Halfa					
Aswân Res.	20-4	116.97	—	117.04	—
Aswân Res. D. S.	20-4	85.41	-0.17	85.41	-0.17
El Leisi	20-4	17.28	+0.39	17.28	+0.38
Rôda (Cairo)	20-4	16.73	+0.23	16.73	+0.23

Printed by the Survey of Egypt 1936. (36/530)

٢٠-٤-١٩٣٧ Pressure and Wind at 8 h. 20-4-1937



General Situation

A trough of low pressure extending from the Ionian Sea to Libya is moving eastwards and the high pressure over Egypt and the eastern Mediterranean is breaking down.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 19-4-1937 — الساعة ٨ يوم ١٩-٤-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1015	+2	SW	2	17	—	—	—	—	—	—	4	—	—	—	—	—	—	ليماسول
Haifa	1017.1	+5.0	ESE	1	19.4	23	-1	14	+1	70	+13	1	—	—	—	0	351	636	حيفا
Gaza	1017.0	+4.3	—	0	18.0	30	+6	10	+4	78	+16	0	9	—	0	0	395	370	غزة
Salum	1017.4	+0.9	NNW	2	15.8	25	—	11	—	71	—	0	6	—	0	0	105	—	السلوم

Remarks

ANNUAL SUBSCRIPTION
Inland Post ... P.T. 100
Abroad ... P.T. 150

CAIRO
Time of sunrise 05 h 21 m
sunset 18 h 26 m
Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	Station	At 14h. on 20th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Wednesday 21st — Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1015.2	SSW	3	29.4	22	4	8	1016.6	+0.1	WNW	2	18.0	30	—	15	—	80	—	3	5	Ci	1	0	105	—
131	MATRÛH	1016.4	ENE	4	22.2	67	2	6	1014.0	-0.5	SSE	3	20.1	26	+3	15	+1	48	-22	0	6	—	0	0	182	157
150	DIKHEILA	1018.4	NNE	3	21.0	74	•	—	1016.1	—	SE	2	17.8	22	—	15	—	76	—	2	8	Ci	0	0	—	—
132	ALEXANDRIA	1017.1	NE	4	23.8	62	3	9	—	—	SE	4	17.0	26	+2	14	-1	81	+12	3	9	Cs	2	0	167	188
159	DAMIETTA								1015.6	—	ENE	3	20.5	24	—	16	—	73	—	2	—	St	0	0	75	113
134	PORT SAÏD	1018.7	NE	3	21.4	64	0	7	1016.3	+3.4	NE	4	19.2	23	-1	17	+1	74	+7	2	7	As	1	0	38	77
135	EL 'ARÎSH	1017.4	NNE	3	20.0	72	0	7	1015.1	—	NNE	1	20.7	21	—	14	—	76	—	0	7	—	1	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1015.8	+1.6	NE	3	18.8	29	+1	12	0	70	+5	3	7	Ci	1	0	78	107
137	MANSÛRA								1015.4	—	NE	2	19.5	28	0	14	+1	72	+5	1	6	Cs	1	0	45	53
138	TANTA								1015.6	+0.8	E	3	19.0	29	-1	11	-2	72	+8	0	7	—	0	0	54	43
139	ZAGÂZÎG	1015.9	ENE	4	28.1	23	2	8	1015.4	—	ENE	2	18.9	28	-1	11	-1	75	+9	0	7	Ci	1	0	20	26
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1015.8	NE	4	28.7	19	1	9	1015.2	—	ENE	5	17.6	29	—	11	—	74	—	0	8	St	2	0	—	—
	CAIRO EZBEKÎYA	1015.1	NE	2	28.9	25	1	9	1014.7	+1.3	NE	4	18.9	30	+1	13	-1	75	+11	0	7	Cu	0	0	18	30
	CAIRO GÎZA	1014.6	NE	3	28.2	24	1	7	1014.4	+0.3	NE	3	17.7	29	0	14	+3	74	+10	1	6	Sc	2	0	16	28
143	HELWÂN	1014.4	NNE	5	29.8	8	0	8	1014.0	+0.3	NNE	3	18.4	30	+1	14	-1	51?	+1	0	6	—	0	0	17	33
144	SUEZ								1015.8	+1.7	N	3	19.6	30	+1	15	-1	50?	-20	0	—	—	0	0	13	25
	UPPER EGYPT																									
153	FAIYÛM	1014.6	N	4	31.3	12	1	8	1013.9	-0.1	N	4	19.6	32	+1	13	0	59	+6	0	8	—	0	0	6	11
154	MINYA	1013.0	N	2	32.0	18	0	9	1013.4	-0.6	NNE	2	18.3	32	+1	14	0	61	+2	0	8	—	0	0	16	—
155	ASYÛT	1011.6	N	3	32.4	6	0	8	1013.1	-0.2	NNW	3	19.0	35	+3	13	-3	38	-5	0	8	—	0	0	dr.	5
156	QENA	1010.6	W	1	35.2	19	0	8	1011.8	-1.1	NNW	2	25.2	37	+1	18	+1	26	-13	0	7	—	0	0	dr.	—
157	LUXOR	1010.7	WNW	1	35.1	23	0	3	1011.9	—	—	0	26.4	36	—	17	—	28	—	0	8	—	0	0	dr.	—
138	ASWÂN	1008.4	NNW	2	35.3	15	0	8	1010.7	-1.4	N	2	24.0	36	-1	17	-2	26	-3	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1015.0	—	0	30.5	25	0	6	1014.7	-0.1	—	0	20.2	32	+2	10	-3	14	-43	0	6	Ci	0	0	29	7
149	BAHARÎYA	1015.2	NNE	2	30.2	31	0	9	1015.1	—	NNW	1	20.3	32	—	,,	—	44	—	0	9	—	0	0	26	—
151	KHARGA	1017.8	NE	3	32.4	52	0	9	1012.6	-0.6	N	2	22.3	33	-2	15	-1	62	+20	0	9	—	0	0	0	0
152	DÂKHLA	1012.4	—	0	32.9	15	0	8	1013.4	-0.1	NW	3	24.1	34	-1	16	+1	21	-16	0	7	—	0	0	dr.	—
	RED SEA																									
145	TOR																									
146	HURGHÂDA								1011.1	-1.1	NNW	4	25.4	29	0	17	+1	39	-7	0	6	—	0	0	dr.	0
147	QUSEIR								1010.7	-1.5	NNW	3	22.6	30	+2	20	0	53	+11	0	7	—	0	0	1	7
169	PORT SUDAN	1010.6	E	2	31.0	—	0	—	1012.0	+1.3	N	1	28.2	32	0	21	-1	56	+1	0	—	—	0	0	42	108
	NORTH SUDAN																									
165	WÂDI HALFA	1010.4	NNE	2	34.3	—	2	8	1011.7	0.0	NNE	1	20.5	36	-1	15?	-3	27	+3	0	8	—	0	—	—	—
166	KAREIMA	1005.2	NNE	1	39	—	0	8	1008.3	-2.0	N	2	29.0	41	+1	22	+1	14	-4	0	8	—	0	0	tr	1
167	'ATBARA	1002.7	E	2	40.8	—	0	—	1007.8	-0.7	NE	2	30.6	42	+2	22	+1	24	+10	0	—	—	0	0	5	2
168	KHARTÛM	1001.8	NNE	1	41.1	—	1	7	1006.7	-1.4	NNE	2	30.1	42	+1	24	+1	21	+5	0	8	—	0	0	25	5
170	KASSALA	1009.2	N	3	41	—	0	8	1002.7	-4.6	E	1	33.9	42	+1	26	+3	40	+4	0	8	—	0	0	11	12
	CENTRAL SUDAN																									
171	WAD MEDANI	1004.0	NE	1	41.5	—	0	—	1005.3	-2.3	N	3	32.2	43	+1	23	+1	31	+14	0	—	—	0	0	58	14
173	DUEIM	1000.8	N	2	44.0	—	0	—	1006.3	-2.0	NW	4	31.8	44	+3	24	+3	44	+25	0	—	—	0	0	35	14
182	RENK																									
172	ROSEIRES	1003.0	WNW	2	42.4	—	0	—	1004.0	-3.7	NNW	3	34.2	44	+4	26	+4	23	-10	0	—	—	0	0	3	52
174	EL OBEID	1002.1	W	2	39.1	—	1	8	1006.9	-2.7	NW	2	28.8	40	+1	21	+1	28	-2	0	8	—	0	0	31	22
175	EL FÂSHER	—	NNW	2	37.2	—	0	—	—	—	NNW	1	22.5	39	+1	13?	-6	14	-7	0	—	—	0	0	0	8
	S. SUDAN																									
176	MALAKÂL	—	SW	1	39.1	—	3	8	—	—	NW	1	30.3	39	+1	25	+2	53	+1	3	8	Cs	1	0	108	114
177	WÂU	1002.4	E	3	34.5	—	3	—	1007.0	-1.8	W	3	29.2	39	+2	25	+3	60	-8	1	—	—	2	0	219	218
178	JÛBA	1008.9	SSE	2	35.5	—	3	7	1014.8	+4.5	S	4	26	36	+1	23	+1	69	-7	3	8	Sc	1	0	233	257
179	Geneina	—	N	1	36.0	—	0	8	—	—	NE	3	21.3	39	—	18	—	27	—	0	8	—	0	0	—	—
180	Gallabat	—	NE	1	38.6	—	3	—																		

Upper Wind Observations on 21-4-37 ارصاد الرياح العليا يوم ٢١-٤-١٩٣٧

Dir. = direction, degrees E. of N.; Kms = kilometres per hour.

Height metres above M.S.L.	Salum 07h00m Dir.	Kms	Matruh 07h00m Dir.	Kms	Dikheila 07h45m Dir.	Kms	Almaza 07h30m Dir.	Kms	Cairo 08h30m Dir.	Kms	Helwan 08h45m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 06h00m Dir.	Kms	Kareima 05h00m Dir.	Kms	Khartum 04h00m Dir.	Kms	Kassala 07h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Malakal 06h00m Dir.	Kms
200	290	25	150	44	110	37	50	25	70	56	10	37	—	—	—	—	20	14	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	180	31	90	32	50	42	70	44	70	39	350	19	70	26	50	34	40	50	350	31	100	27	—	—	—	—	200	26
1000	200	45	210	32	100	18	40	33	20	32	60	38	0	14	90	29	40	40	50	56	350	24	110	40	10	50	60	55	210	32
1500	230	48	260	22	0	1	30	33	50	33	30	35	340	24	140	8	50	14	40	34	30	10	80	13	30	21	70	48	240	19
2000	220	84	280	29	320	19	20	22	30	32	30	25	340	16	190	35	50	16	50	3	30	11	300	63	10	21	0	24	270	21
3000			260	30	280	22	350	30			10	20			250	21			280	26									350	18
4000					290	32					350	7			240	2														
5000					290	56																								
6000																														

Forecast for 24 hours from noon on 21st

On the coast fresh southeast winds, veering tomorrow to west or northwest. Inland fresh northeast winds, moderating, veering to west later tomorrow. Clear at first, some high cloud later. Possibly light rain on the coast.
Temperature slightly above normal. Further outlook:— normal temperature

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢١
رياح فتية جنوبية شرقية تحول غدا الى الغربية والشمالية الغربية على السواحل .
ورياح فتية شمالية شرقية في الداخل تقل سرعتها وتتحول الى الغربية فيما بعد
غدا . السماء صحو اولا ثم يظهر قليل من السحاب العالي .
وربما تمطر خفيفا على السواحل . ودرجة الحرارة اكبر من المعدل
قليلا ثم تنتظر الى المعدل فيما بعد .

Station	Mean of day: Humidity % on 20th	Diff. from normal	Wet bulb temp. °C on 20th	Diff. from normal
Alexandria	79	+12	16.6	+1.4
Ezbekiya	48	-4	16.1	-0.3
Giza	49	-4	15.4	-0.4
Helwân	31	-10	13.2	-0.7

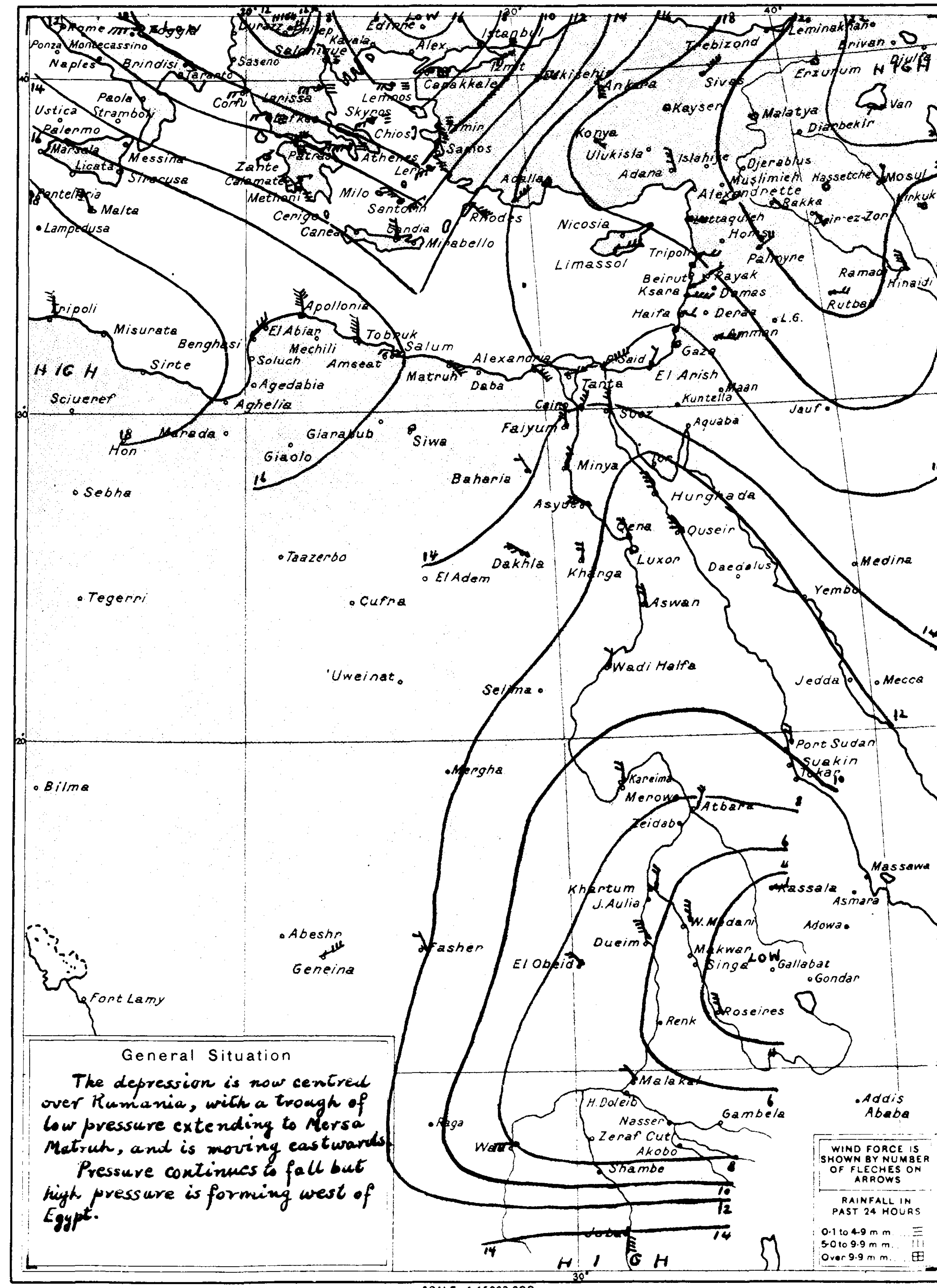
Giza Grass minimum on 21st 10.5 °C

Discharges at Aswân measured by sluices m³ per sec.

Date	1937	1936
21-4	786	878
20-4	787	822

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20-4	13.36	0.00	13.26	-0.09
Nâsser	20-4	5.11	-0.33	5.03	-0.42
Malakâl	21-4	9.23	-0.27	9.82	-0.28
Roseires	21-4	11.49	+0.19	11.51	+0.20
Sennâr Res.	20-4	15.78	—	15.82	—
Khartûm	20-4	9.97	-0.26	9.90	-0.32
Kh. el Girba					
Atbara	21-4	9.78	-0.19	9.81	-0.17
Kajnarti	21-4	131.50	-0.36	131.54	-0.32
Wâdi Halfa					
Aswân Res.	21-4	116.92	—	116.97	—
,, D.S.	21-4	85.40	-0.18	85.41	-0.17
El Leisi	21-4	17.27	+0.39	17.28	+0.39
Rôda (Cairo)	21-4	15.70	+0.21	15.73	+0.23

٢١-٤-١٩٣٧ Pressure and Wind at 8 h. 21-4-1937



General Situation

The depression is now centred over Rumania, with a trough of low pressure extending to Mersa Matruh, and is moving eastwards.
Pressure continues to fall but high pressure is forming west of Egypt.

Station	At 8h. on 20-4-1937 — Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1016	+3	E	3	18	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1018.4	+6.4	ESE	1	20.6	23	-2	14	+1	65	+5	0	—	—	—	0	361	636	حيفا
Gaza	1018.3	+5.7	—	0	18.9	24	0	11	-1	69	+5	2	5	—	1	0	395	370	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

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CAIRO
Time of sunrise h. m. 5 20
sunset h. m. 18 27

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

DAILY WEATHER REPORT

Month *April* 1937 ١٩٣٧ شهر ابريل

No.	Region	STATION	At 14h. on 21st الساعة ١٤ يوم ٢١: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 22nd الساعة ٨ يوم الخميس ٢٢: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1016.2	NNE	4	17.7	83	4	6	1017.4	+0.9	NE	1	16.2	27	—	14	—	77	—	2	5	Ac	1	0	105	—
131		MATRÛH	1015.2	NW	2	19.6	89	3	6	1016.2	+1.8	N	1	17.3	25	+2	16	+2	81	+11	4	6	Sc	2	0	182	157
150		DIKHEILA	1016.3	NNE	2	20.8	78	0	8	1016.1	—	N	1	19.5	25	—	15	—	79	—	0	8	Sc	0	0	—	—
132		ALEXANDRIA	1015.1	NE	5	22.3	72	0	9	1015.6	+1.4	NE	1	18.2	26	+1	16	+1	86	+17	0	9	—	0	0	167	188
159		DAMIETTA								1014.8	—	N	1	23.2	26	—	15	—	67	—	6	—	—	0	0	75	113
134		PORT SAÎD	1015.2	NE	4	23.6	71	0	6	1015.1	+2.3	NE	2	21.2	24	0	16	0	65	-2	0	7	—	0	0	38	77
135		EL 'ARÎSH	1012.?	NNW	2	21.0	78	0	7	1014.6	—	WSW	1	21.2	21	—	15	—	74	—	2	7	Cu	1	0	—	—
136	LOWER EGYPT	DAMANHÛR								1015.5	+1.3	NNW	2	20.8	30	+2	13	+1	74	+9	0	6	—	4	0	78	108
137		MANSÛRA								1015.1	—	NE	1	20.3	30	+1	14	+1	80	+14	0	8	—	4	0	45	53
138		TANTA								1015.6	+0.8	—	0	17.0	31	+1	12	-1	95	+31	4	5	Sc	2	0	54	44
139		ZAGÂZÎG	1013.8	NE	2	29.0	30	0	8	1015.2	—	NNE	1	18.6	29	0	12	0	90	+24	1	8	Ci	1	0	20	26
141	MIDDLE EGYPT	CAIRO ALMÂZA	1013.9	N	4	29.1	33	0	9	1015.0	—	ENE	2	17.8	30	—	12	—	81	—	1	8	St	4	0	—	—
		CAIRO EZBEKIYA	1012.7	N	2	30.2	30	0	8	1014.7	+1.3	N	2	19.2	31	+2	13	-1	78	+14	0	6	—	0	0	18	30
		CAIRO GÎZA	1012.2	NNE	2	30.0	30	0	7	1014.7	+0.6	NNE	2	18.4	30	+1	12	+1	81	+18	1	5	Sc	2	0	16	28
143		HELWÂN	1011.8	N	4	31.0	15	0	7	1014.0	+0.3	WNW	3	18.5	32	+3	14	-1	58	+8	0	5	—	0	0	17	33
144		SUEZ								1015.5	+1.4	N	4	18.0	31	+2	16	0	71	+1	0	6	—	0	0	13	25
153	UPPER EGYPT	FAIYÛM	1012.2	NNW	3	32.3	—	0	8	1014.2	+0.2	N	3	21.0	33	+2	14	+1	53	+1	0	8	—	0	0	6	11
154		MINYA	1011.2	NNW	3	32.5	17	0	8	1013.0	-0.9	N	3	20.3	33	+2	15	+1	54	-5	0	7	—	0	0	16	—
155		ASYÛT	1011.0	WSW	3	33.3	—	0	8	1013.0	-0.2	WSW	2	22.8	35	+3	15	-1	32	-11	0	8	—	0	0	dr.	5
156		QENA	1009.8	WSW	1	36.2	17	0	8	1011.4	-1.4	W	1	25.0	37	+1	16	-1	34	-5	0	7	—	0	0	dr.	—
157		LUXOR	1009.5	NE	1	36.7	21	0	8	1010.0	—	—	0	26.0	38	—	14	—	41	—	0	8	—	0	0	dr.	—
158		ASWÂN	1007.8	W	1	38.0	20	0	8	1009.9	-2.1	NW	1	25.5	39	+2	19	0	24	-5	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1015.8	—	0	34.1	21	0	6	1015.2	+0.4	—	0	19.9	35	+5	14	+1	68	+11	0	6	—	0	0	29	7
149		BAHARÎYA	1013.0	NNW	3	33.2	11	0	9	1014.8	—	NE	1	21.1	34	—	14	—	49	—	0	9	—	0	0	26	—
151		KHÂRGA	1010.4	N	1	34.4	53	0	9	1011.9	-1.2	N	1	24.4	35	0	19	+3	40	-2	0	9	—	0	0	0	0
152		DÂKHLA	1011.4	NNE	2	34.0	16	0	8	1013.4	0.0	—	0	27.6	35	0	21	+6	24	-12	0	7	—	0	0	dr.	—
145	RED SEA	TÔR								1011.0	-1.5	NW	3	23.4	29	+1	20	+4	64	-2	0	6	—	0	0	14	14
146		HURGHÂDA								1011.6	-0.6	NNW	4	25.5	30	+1	18	+2	38	-8	0	5	—	1	0	dr.	0
147		QUSEIR								1012.7	+0.6	N	3	27.2	29	+1	20	0	56	+14	0	7	—	0	0	1	7
169		PORT SUDAN								1010.8	+0.2	E	1	28.6	32	0	23	+1	69	+15	1	—	—	0	0	42	108
165	NORTH SUDAN	WÂDI HALFA								1011.3	-0.3	NNW	3	23.0	38	+1	18	0	25	+1	0	8	—	0	—	—	—
166		KAREIMA								1007.5	-2.7	N	1	29.1	41	+1	23	+2	23	+5	0	8	—	0	•	tr.	1
167		'ATBARA	1003.4	NE	2	41.0	—	0	—	1006.6	-1.9	N	2	27.5	41	+1	23	+2	30	+16	0	—	—	0	0	5	2
168		KHARTÛM								1005.1	-3.0	N	3	30.6	42	+1	24	+1	13	-3	0	8	—	0	0	25	5
170		KASSALA								1002.7	-4.6	ENE	1	33.2	42	+1	24	+1	44	+8	0	8	—	0	0	11	12
171	CENTRAL SUDAN	WAD MEDANI	1000.2	SE	2	43.0	—	0	—	1005.0	-2.6	N	3	31.9	43	+1	24	+2	15	-2	0	—	—	0	0	58	14
173		DUEIM	1001.1	W	2	42.4	—	0	—	1006.2	-2.1	N	3	31.4	44	+3	25	+4	18	-2	0	—	—	0	0	35	14
182		RENK																									
172		ROSEIRES	1000.7	WNW	3	43.4	—	3	—	1004.2	-3.5	WNW	2	33.6	44	+4	28	+6	31	+3	0	—	—	0	0	3	52
174		EL OBEID								1006.4	-3.2	NW	2	29.0	41	+2	24	+4	34	+3	0	8	—	0	0	31	22
175		EL FÂSHER	—	S	1	39.0	—	0	—	—	—	WSW	1	22.0	41	+3	15	-4	19	-2	0	—	—	0	0	0	8
176	S. SUDAN	MALAKÂL								—	—	SW	2	28.4	38	0	23	0	63	+10	3	8	AC	2	0	108	115
177		WÂU								1006.4	-2.4	W	3	27.5	37	0	23	+1	70	+1	2	—	—	2	7	226	220
178		JÛBA								1009.7	-0.6	SSE	4	25	32	-3	21	-1	76	0	4	8	Sc	8	dr.	233	260
179		Geneina								—	—	NE	4	22.8	38	—	17	—	18	—	0	8	—	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 22-4-1937 ارصاد الرياح العليا يوم ٢٢-٤-١٩٣٧

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms per hour	Matruh 07h.00m. Dir.	Kms	Dikheila 07h.30m. Dir.	Kms	Almaza 08h.15m. Dir.	Kms	Cairo 08h.15m. Dir.	Kms	Helwan 08h.45m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms
200	40	5	20	11	0	7	60	20	50	16	40	11	—	—
500	—	—	Ent. Cu.		90	12	60	30	50	38	60	31	30	29
1000	Ent. Sc				50	5	30	33	20	34	20	39	30	26
1500					240	5	10	29	20	30	20	29	20	34
2000					280	32	20	16	40	16	320	11	20	36
3000					270	24	310	30	330	22	290	34		
4000														
5000														
6000														

Height metres above M.S.L.	Aswan 07h.00m. Dir. E.of N.	Kms per hour	Wadi Halfa 06h.00m. Dir.	Kms	Kareima 05h.00m. Dir.	Kms	Khartum 06h.00m. Dir.	Kms	Kassala 06h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms
200	—	—	10	37	—	—	—	—	—	—	—	—	—	—	—	—
500	40	36	30	43	30	53	10	43	80	23	—	—	—	—	190	24
1000	40	37	40	51	40	53	20	34	100	32	10	68	0	64	190	31
1500	80	16	50	34	30	24	10	18	60	21	20	56	60	66	230	24
2000	140	14	90	5	300	5	0	29	30	27	30	31	0	40	320	10
3000					280	21							340	24	350	40
4000																
5000																
6000																

Forecast for 24 hours from noon on 22nd
Light to moderate winds cheifly northeasterly, backing later to north or northwest.
Occasional medium cloud developing later
Slightly cooler tomorrow.

تغيرات الطقس المنظرة في ٢٤ ساعة من ظهر ٢٢
رياح بين الخفيفة والمعتدلة اغلبها شمالية شرقية ثم تميل
شمالية او شمالية غربية فيما بعد
ظهور بعض السحاب المتوسط الارتفاع فيما بعد
هبوط درجة الحرارة قليلا بكرة.

STATION	Mean of day: Humidity % on 21st	Diff. from normal	Wet Bulb Temp. °C on 21st	Diff. from normal
Alexandria	64	+16	17.1	+1.9
Ezbekiya	58	+6	17.4	+0.9
Gîza	58	+5	17.0	+1.1
Helwân	35	-5	14.8	+0.9

Gîza Grass minimum on 22nd 9.2 °C

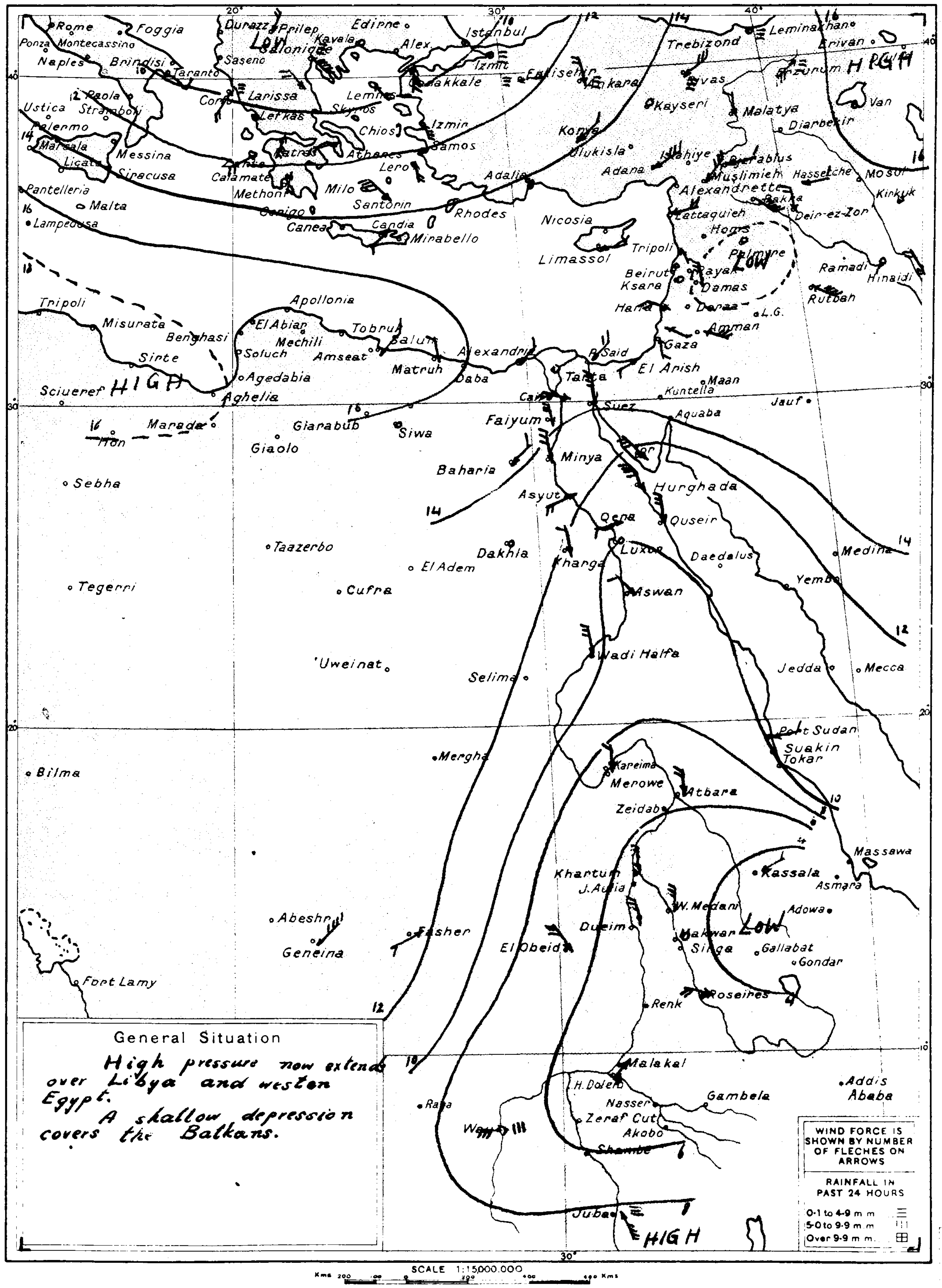
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
22-4	788	881
21-4	786	878

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-4	13.40	+0.04	13.36	0.00
Nâsser	21-4	5.13	-0.31	5.11	-0.33
Malakâl	22-4	9.84	-0.26	9.83	-0.27
Roseires	22-4	11.45	+0.15	11.49	+0.19
Sennâr Res.	21-4	15.74	—	15.78	—
Khartûm	21-4	9.96	-0.23	9.94	-0.26
Kh. el Girba					
'Atbara	22-4	9.74	-0.23	9.78	-0.19
Kajnarti	22-4	131.52	-0.34	131.50	-0.36
Wâdi Halfa					
Aswân Res.	22-4	116.85	—	116.92	—
D. S.	22-4	85.41	-0.18	85.40	-0.18
El Leisi	22-4	17.27	+0.39	17.27	+0.39
Rôda (Cairo)	22-4	15.70	+0.21	15.70	+0.21

Printed by the Survey of Egypt 1936. (36/530)

Pressure and Wind at 8 h. 22-4-1937 ١٩٣٧-٤-٢٢



General Situation
High pressure now extends over Libya and westen Egypt.
A shallow depression covers the Balkans.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

STATION	At 8h. on 21-4-1937 الساعة ٨ يوم ٢١-٤-١٩٣٧: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1016	+3	E	3	20	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.2	+3.2	ESE	1	22.8	23	-2	14	+1	49	-11	0	—	—	—	0	361	637	حيفا
Gaza	1015.2	+2.0	—	0	18.8	28	+3	12	0	84	+20	0	9	—	0	0	395	370	غزة
Tor	1011.2	-1.4	NW	3	22.5	28	0	18	+2	77	+11	0	6	—	0	0	14	14	الطور

ANNUAL SUBSCRIPTION
Inland Post ...... P.T. 100
Abroad ...... P.T. 150

CAIRO

Time of sunrise 5h 19m

sunset 18h 27m

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

DAILY WEATHER REPORT

Month April, 1937 — ١٩٣٧ شهر ابريل

Pressure and Wind at 8 h. 23-4-1937 — ٢٣-٤-١٩٣٧

At 14h. on 22nd — الساعة ١٤ يوم ٢٢

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN — SALÛM	1017.4	NE	1	17.9	76	0	8
131	MATRÛH	1016.2	NNE	1	19.0	75	2	6
150	DIKHEILA	1016.1	N	3	19.6	80	0	8
132	ALEXANDRIA	1015.5	NNE	3	21.8	68	0	9
159	DAMIETTA							
134	PORT SAÏD	1015.5	NE	4	24.5	58	0	7
135	EL 'ARÎSH	1013.9	NNW	3	23.2	59	0	7
136	LOWER EGYPT — DAMANHÛR							
137	MANSÛRA							
138	TANTA							
139	ZAGÂZÎG	1013.9	NE	1	30.8	25	0	8
141	MIDDLE EGYPT — CAIRO — ALMÂZA	1013.0	NNE	2	31.0	27	0	8
	CAIRO — EZBEKÎYA	1012.4	N	2	30.8	28	0	7
.43	CAIRO — GÎZA	1012.3	NNE	4	31.8	11	0	7
144	HELWÂN							
153	SUEZ							
154	UPPER EGYPT — FAIYÛM	1012.4	N	3	32.8	14	0	8
155	MINYA	1010.7	NE	3	34.3	17	0	6
156	ASYÛT	1009.9	N	3	35.2	—	0	8
157	QENA	1008.4	WSW	1	38.0	15	0	8
158	LUXOR	1008.2	WSW	1	39.0	21	0	8
148	ASWÂN	1005.5	W	2	38.3	18	0	8
149	WESTERN DESERT — SÎWA	1013.5	SW	1	32.2	34	0	6
151	BAHARÎYA	1012.7	N	1	32.4	15	0	9
152	KHÂRGA	1008.8	NNE	5	31.4	28	0	9
145	DÂKHLA	1009.6	NNE	3	36.7	13	0	8
146	RED SEA — TÛR							
147	HURGHÂDA							
169	QUSEIR							
165	PORT SUDAN							
166	NORTH SUDAN — WÂDI HALFA							
167	KAREIMA							
172	'ATBARA							
168	KHARTÛM							
170	KASSALA							
171	CENTRAL SUDAN — WAD MEDANI							
173	DUEIM							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	S. SUDAN — MALAKÂL							
177	WÂU							
178	JÛBA							
179	Genêina							
180	Gallabat							

At 8h. on Friday 23rd — الساعة ٨ يوم الجمعة ٢٣

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	1016.0	-0.4	—	0	17.5	19	—	14	—	82	—	2	5	Cu	1	0	105	—
131	MATRÛH	1015.0	+0.6	ESE	2	18.4	20	-3	15	+1	79	+8	0	6	—	0	0	182	157
150	DIKHEILA	1015.5	—	E	1	19.3	20	—	16	—	80	—	0	7	Sc	0	0	—	—
132	ALEXANDRIA	1014.7	+0.6	ESE	1	18.5	23	-2	15	0	85	+16	2	9	Cu	2	0	167	188
159	DAMIETTA	1014.6	—	NNE	2	21.7	27	—	16	—	76	—	0	—	—	0	0	75	113
134	PORT SAÏD	1015.5	+2.7	NE	4	20.2	26	+2	17	+1	80	+13	0	7	—	0	0	38	77
135	EL 'ARÎSH	1014.8	—	—	0	21.0	24	—	13	—	74	—	0	7	—	1	0	—	—
136	DAMANHÛR	1014.8	+0.6	E	3	20.0	29	+1	14	+2	77	+12	0	7	—	0	0	78	108
137	MANSÛRA	1014.4	—	E	2	21.2	31	+2	15	+2	73	+7	0	8	—	1	0	45	54
138	TANTA	1014.6	-0.1	—	0	19.5	31	+1	13	0	72	+8	0	7	—	0	0	54	44
139	ZAGÂZÎG	1013.9	—	ESE	2	22.1	31	+2	12	0	64	-2	0	8	—	0	0	20	26
141	ALMÂZA	1013.6	—	ENE	4	22.8	32	—	14	—	54		0	8	—	1	0	—	—
	EZBEKÎYA	1013.1	-0.2	NE	2	23.1	33	+4	16	+2	52	-12	0	—	—	0	0	18	30
.43	GÎZA	1012.8	-1.3	NNE	2	22.5	31	+2	14	+2	55	-8	0	6	—	0	0	16	28
144	HELWÂN	1012.4	-1.3	NE	5	25.2	33	+4	16	+1	18	-32	0	7	—	0	0	17	33
153	SUEZ	1012.3	-1.7	NNW	1	21.6	32	+3	17	+1	50	-20	0	6	—	0	0	13	25
154	FAIYÛM	1013.1	-0.8	ENE	1	22.7	33	+2	14	0	51	-1	0	8	—	0	0	6	11
155	MINYA	1012.7	-1.1	NNW	2	20.6	35	+3	16	+2	63	+5	0	9	—	0	0	16	—
156	ASYÛT	1011.9	-1.3	W	2	24.2	37	+5	17	+1	33	-9	0	8	—	0	0	dr	5
157	QENA	1009.5	-3.3	ENE	1	27.6	38	+1	17	0	30	-8	0	7	—	0	0	dr	—
158	LUXOR	1011.1	—	NE	1	28.4	40	—	16	—	33	—	0	8	—	0	0	dr	—
148	ASWÂN	1009.1	-2.9	N	1	28.0	40	+3	21	+2	27	-2	0	8	—	0	0	1	—
149	SÎWA	1015.1	+0.4	—	0	21.1	37	+7	14	+1	65	+8	0	6	Cu	0	0	29	7
151	BAHARÎYA	1012.6	—	ESE	3	25.1	35	—	16	—	38	—	0	9	—	0	0	26	—
152	KHÂRGA	1010.2	-2.8	N	5	28.5	37	+2	20	+4	40	-2	0	9	—	0	0	9	0
145	DÂKHLA	1012.0	-1.4	NW	2	26.8	37	+2	18	+3	28	-8	0	8	—	0	0	dr	—
146	TÛR	1011.5	-1.0	NW	5	23.1	30	+1	17	0	73	+6	0	6	—	0	0	14	14
147	HURGHÂDA	1012.2	+0.1	NNW	4	26.2	31	+1	17	0	35	-11	0	6	—	0	0	dr	0
169	QUSEIR	1011.2	-0.9	NNW	2	26.9	29	0	22	+2	43	+1	0	7	—	0	0	1	7
165	PORT SUDAN	1009.0	-1.6	NE	2	29.0	32	0	25	+3	71	+17	1	—	—	0	0	42	108
166	WÂDI HALFA	1011.5	0.0	N	1	23.6	39	+2	19	+1	20	-4	0	8	—	0	—	—	—
167	KAREIMA	1006.7	-3.5	NNE	1	29.5	42	+2	22	0	20	+2	0	8	—	0	0	1	1
172	'ATBARA	1007.2	-1.2	E	2	31.0	43	+3	24	+3	21	+7	0	—	—	0	0	5	2
168	KHARTÛM	1004.8	-3.3	N	3	34.9	43	+2	24	+1	17	+1	2	8	Cs	0	0	25	5
170	KASSALA	1001.4	-5.9	NE	1	34.0	43	+2	25	+2	40	+4	0	8	—	0	0	22	12
171	WAD MEDANI	1004.0	-3.6	N	3	30.9	44	+2	24	+2	25	+8	0	—	—	0	0	58	14
173	DUEIM	1003.8	-4.5	NW	3	32.2	44	+3	24	+3	8	-12	0	—	—	0	0	35	14
182	RENK																		
172	ROSEIRES	1003.0	-4.7	SSE	3	34.2	44	+4	25	+3	34	0	0	—	—	0	0	3	53
174	EL OBEID	1004.7	-4.9	NW	3	30.0	42	+3	24	+4	25	-6	0	8	Cu	0	0	23	22
175	EL FÂSHER	—	—	WNW	1	22.0	41	+3	16	-3	12	-9	0	—	—	0	0	0	8
176	MALAKÂL	—	—	SW	2	31.2	39	+1	25	+2	53	-1	2	8	Sc	1	0	108	115
177	WÂU	1006.3	-2.5	W	3	28.0	38	+2	25	+3	67	-2	1	—	—	1	0	226	222
178	JÛBA	1009.1	-1.3	SSW	4	26.0	33	-2	22	0	76	-1	4	8	Cu,Sc	1	2	233	264
179	Genêina	—	—	E	3	22.3	39	—	16	—	16	—	2	8	Cu	0	0	—	—
180	Gallabat	—	—	W	5	31.5	42	—	22	—	57	—	0	—	—	0	0	—	—

Upper Wind Observations on 23.4.1937 — ارصاد الرياح العليا يوم ٢٣-٤-٣٧

Height metres above M.S.L.	Dikheila 08h00 m. Dir. E of N.	Kms per hour	Almaza 07h30 m. Dir. E of N.	Kms per hour	Wadi Halfa 06h00 m. Dir. E of N.	Kms per hour	Kareima 05h00 m. Dir. E of N.	Kms per hour	Khartum 06h00 m. Dir. E of N.	Kms per hour	Kassala 07h00 m. Dir. E of N.	Kms per hour	El Obeid 06h00 m. Dir. E of N.	Kms per hour	Malakal 06h00 m. Dir. E of N.	Kms per hour	Geneina 07h00 m. Dir. E of N.	Kms per hour	Juba 06h00 m. Dir. E of N.	Kms per hour	Salum 22nd 13h00 m. Dir. E of N.	Kms per hour	h. m. Dir. E of N.	Kms per hour	h. m. Dir. E of N.	Kms per hour	h. m. Dir. E of N.	Kms per hour	h. m. Dir. E of N.	Kms per hour
200	90	23	90	20	20	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40	10								
500	100	25	80	35	50	24	50	37	0	47	80	21	—	—	200	23	—	—	290	51	—	—								
1000	160	18	80	14	90	34	50	34	10	56	100	43	0	58	110	37	0	69	270	69	230	22								
1500	180	10	330	17	60	26	60	31	0	24	110	11	20	40	190	21	0	43	270	45	210	26								
2000	230	18	320	20	70	14	110	6	0	14	200	8	30	19	190	21	0	16	220	26	240	44								
3000	260	30			90	14	220	23	310	11			90	8	0	24			220	24										
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

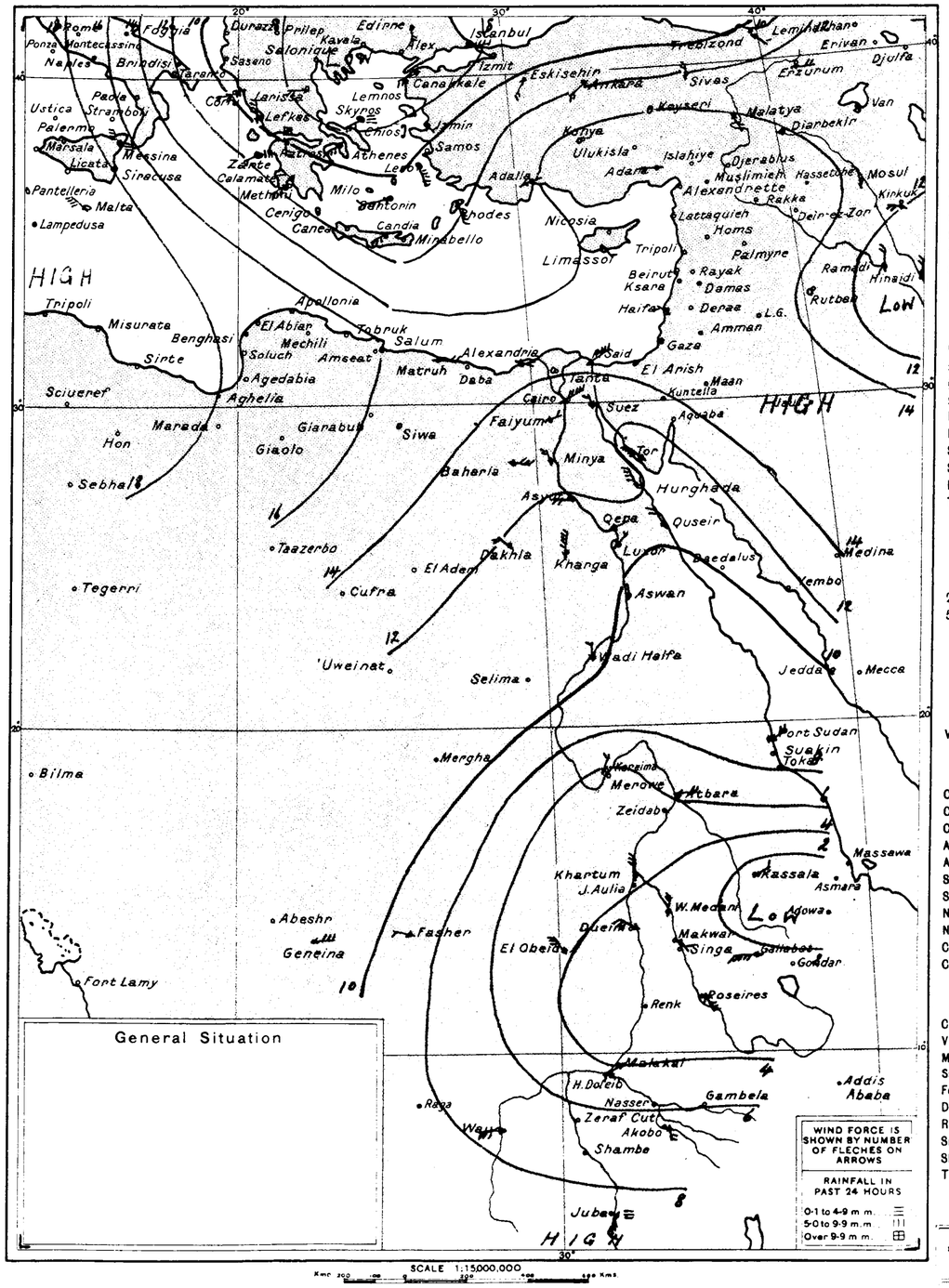
STATION	Mean of day: Humidity % on 22nd	Humidity Diff. from normal	Wet Bulb Temp. °C on 22nd	Wet Bulb Temp. Diff. from normal
Alexandria	86	+18	17.3	+2.0
Ezbekiya	53	+6	17.8	+1.2
Gîza	58	+5	17.6	+1.6
Helwân	40	0	15.1	+1.1

Gîza Grass minimum on 23rd 11.4 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
23.4	788	880
22.4	788	881

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23.4	13.31	-0.06	13.38	+0.01
Nâsser	23.4	5.13	-0.31	5.14	-0.30
Malakâl	23.4	9.85	-0.24	9.84	-0.26
Roseires	23.4	11.44	+0.14	11.45	+0.15
Sennâr Res.	23.4	15.32	—	15.66	—
Khartûm	23.4	9.91	-0.27	9.93	-0.25
Kh. el Girba					
'Atbara	23.4	9.74	-0.23	9.74	-0.23
Kajnarti	23.4	131.59	-0.27	131.52	-0.34
Wâdi Halfa					
Aswân Res.	23.4	116.76	—	116.85	—
" D.S.	23.4	85.41	-0.18	85.41	-0.18
El Leisi	23.4	17.27	+0.40	17.27	+0.39
Rôda (Cairo)	23.4	15.70	+0.21	15.70	+0.21



At 8 h. on 22-4-37 — الساعة ٨ يوم ٢٢-٤-٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1012	-1	E	1	22	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.3	+2.3	WNW	2	21.5	27	+2	17	+4	68	+8	0	—	—	0	0	361	637	حيفا
Gaza	1014.4	+1.8	S	1	20.0	27	+2	15	+3	79	+15	1	7	—	0	0	395	371	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION

Inland Post ..... P.T. 100

Abroad ..... P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. m. 05 18
sunset 18 28

Month *April* 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.		STATION	14h (23rd) Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h (Saturday 24th) Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1015.8	ENE	1	18.0	74	0	8	1018.0	+1.7	N	3	15.6	20	—	12	—	51	—	1	6	Cu	1	0	105	—
131		MATRÛH	1014.2	NNW	3	19.9	76	0	6	1016.3	+2.0	NNW	4	17.2	22	-1	15	+1	77	+6	3	6	Sc	2	0	182	157
150		DIKHEILA	1014.4	NNE	4	21.0	82	0	8	1015.5	—	NNE	4	19.0	23	—	17	—	79	—	2	9	Sc	1	0	—	—
132		ALEXANDRIA	1013.8	NE	5	24.1	66	0	9	1014.7	+0.6	NE	5	18.6	25	0	15	-1	78	+9	1	9	—	0	0	167	188
159		DAMIETTA								1012.7	—	NNW	3	21.4	26	—	17	—	76	—	2	8	Cu	1	0	75	113
134		PORT SAÏD	1014.8	NE	2	23.2	73	0	7	1012.7	-0.1	NE	5	21.2	24	0	18	+2	75	+8	0	7	—	0	0	38	78
135		EL 'ARÎSH	1013.0	NNE	2	23.3	62	0	7	1011.1	—	—	0	—	23	—	13	—	—	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1013.9	-0.2	NNE	4	20.6	32	+4	15	+3	64	-1	0	8	—	0	0	78	108
137		MANSÛRA								1012.3	—	N	2	20.8	31	+2	15	+2	73	+7	0	7	Ci	1	0	45	54
138		TANTA								1013.0	-1.7	N	5	20.0	32	+2	13	0	77	+14	1	7	Ac	1	0	54	44
139		ZAGÂZÎG	1012.6	ENE	2	31.6	22	0	8	1012.6	—	NNW	3	21.8	32	+3	13	+1	75	+10	1	8	Ci	1	0	20	26
141	MIDDLE EGYPT (CAIRO)	ALMÂZA	1011.6	N	4	33.2	30	0	7	1012.8	—	NNW	2	17.7	34	—	15	—	85	—	2	7	Sc	1	0	—	—
		EZBEKÎYA	1010.4	N	4	34.4	21	0	9	1012.2	-1.1	NNW	3	20.9	35	+6	15	+1	72	+9	1	7	Cu	1	0	18	31
		GÎZA	1009.9	NNE	3	33.0	22	0	7	1012.3	-1.8	NNW	3	19.3	34	+5	13	+1	79	+10	1	6	Cu	1	0	16	28
143		HELWÂN	1010.0	NNW	4	33.8	12	0	6	1011.6	-2.0	NW	3	18.0	35	+5	14	-1	63	+13	0	6	—	0	0	17	33
144		SUEZ								1011.2	-2.7	N	2	22.5	34	+5	17	+1	52	-18	0	6	—	0	0	13	25
153	UPPER EGYPT	FAIYÛM	1011.0	N	2	34.0	22	0	8	1012.4	-1.5	N	4	20.8	36	+5	15	+1	65	+13	0	7	—	0	0	6	11
154		MINYA	1010.3	N	1	34.5	17	0	8	1011.4	-2.4	NNW	2	22.6	36	+4	17	+3	52	-6	0	7	—	0	0	16	—
155		ASYÛT	1009.5	NNW	2	37.2	12	0	8	1010.2	-2.9	ESE	3	28.3	39	+6	18	+2	27	-15	0	8	—	0	0	dr.	5
156		QENA	1008.4	W	1	38.4	14	0	8	1010.3	-2.4	N	1	27.8	39	+2	19	+2	21	-17	0	7	—	0	0	dr.	—
157		LUXOR	1007.8	NNW	1	38.5	22	0	8	1009.9	—	NW	1	28.1	40	—	16	—	36	—	0	8	—	0	0	dr.	—
158		ASWÂN	1004.6	N	1	41.3	20	0	8	1008.8	-3.1	N	1	27.5	43	+6	21	+2	28	-1	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1013.1	—	0	30.7	36	0	6	1016.4	+1.7	—	0	18.8	32	+1	14	+1	60	+3	0	6	—	0	0	29	7
149		BAHARÎYA	1010.7	NNE	2	35.0	20	0	9	1013.9	—	N	4	19.6	36	—	16	—	81	—	0	9	—	0	0	26	—
151		KHÂRGA	1008.7	NW	1	38.0	49	0	9	1009.6	-3.3	NW	2	31.5	39	+4	21	+5	34	-8	0	9	—	0	0	0	0
152		DÂKHLA	1009.8	N	2	37.6	16	0	8	1012.0	-1.3	WNW	3	26.6	39	+4	18	+3	29	-7	0	7	—	0	0	dr.	—
145	RED SEA	TÔR								1010.6	-1.8	—	0	24.8	32	+3	15?	-2	55	-12	0	6	—	0	0	14	14
146		HURGHÂDA								1011.0	-1.1	NNW	3	29.0	33	+3	17	0	28	-18	0	5	—	0	0	dr.	0
147		QUSEIR								1010.3	-1.8	NNW	1	29.1	31	+2	22	+1	34	-8	0	7	—	0	0	1	7
169		PORT SUDAN	1007.0	ENE	2	31.0	—	0	—	1008.8	-1.7	N	2	29.0	33	+1	24	+2	67	+14	0	—	—	0	0	42	108
165	NORTH SUDAN	WÂDI HALFA	1006.5	N	2	39	—	0	8	1008.0	-3.4	N	3	26.8	40	+2	22	+4	5	-19	0	8	—	0	—	—	—
166		KAREIMA	1002.7	N	2	42	—	0	8	1004.4	-5.7	NE	1	31.0	44	+4	25	+3	32	+15	0	8	—	0	0	1	1
167		'ATBARA	1000.2	SSE	2	44	—	0	—																		
188		KHARTÛM								1004.5	-3.5	N	3	30.8	45	+4	26	+3	17	+1	2	8	Ci	1	0	25	5
170		KASSALA								1001.9	-5.4	SE	1	33.3	45	+4	24	0	30	-6	0	8	Ci	0	0	22	13
171	CENTRAL SUDAN	WAD MEDANI	998.0	NNW	2	44.1	—	1	—	1003.8	-3.8	N	3	34.4	45	+3	27	+5	27	+9	0	—	—	0	0	53	15
173		DUEIM	1000.8	NE	2	43.2	—	0	—	1004.8	-3.5	NW	4	34.7	45	+4	25	+4	9	-11	0	—	—	1	0	35	14
		RENK																									
172		ROSEIRES	1000.0	WSW	3	42.3	—	0	—	1004.2	-3.6	SSW	2	34.8	43	+3	28	+6	31	-4	0	—	—	0	0	3	53
174		EL OBEID	1000.5	NE	2	41	—	0	8	1004.4	-5.2	NW	3	30.1	42	+3	23	+3	21	-11	2	8	Ci, Ac	0	0	23	22
175		EL FÂSHER	1008.0	ENE	1	40.0	—	0	—	—	—	W	1	25.0	41	+3	16	-3	8	-13	0	—	—	0	0	0	8
176	S. SUDAN	MALAKÂL	—	S	4	37	—	4	7	—	—	SW	2	26.9	39	+1	25	+2	63	+9	4	8	Fn.	2	dr.	108	116
177		WÂU	1002.6	S	2	37.7	—	2	—	1005.9	-2.9	SW	3	25.8	38	+2	23	+1	74	+5	2	—	—	2	9	235	224
178		JÛBA	1002.9	SE	4	36	—	4	8	1006.0	-4.4	SSE	3	27.9	38	+3	23	+1	63	-14	4	8	Ci, Ac	1	0	233	268
179		Geneina								—	—	ENE	4	23.7	40	—	17	—	20	—	2	8	Ci, Ac	0	0	—	—
180		Gallabat	—	S	4	38.7	—	1	—																		

Upper Wind Observations on 24-4-1937
ارصـاد الرياح العليا يوم ٢٤-٤-١٩٣٧

Height metres above M.S.L.	Salum 07h00m Dir. E.of N.	Kms per hour	Matruh 07h00m Dir.	Kms	Dikheila 07h45m Dir.	Kms	Cairo 08h15m Dir.	Kms	Helwan 08h45m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 06h00m Dir.	Kms	Kareima 05h30m Dir.	Kms	Khartum 06h00m Dir.	Kms	Kassala 07h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Juba 06h00m Dir.	Kms
200	340	14	330	26	300	36	10	14	330	25	—	—	—	—	10	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	330	34	10	43	320	22	350	28	100	31	40	32	50	34	40	31	350	51	70	13	—	—	—	—	250	18	290	14
1000	340	29	330	28	350	28	Ent. Cu		310	11	90	20	60	31	90	29	50	37	0	53	110	31	0	61	—	—	270	27	170	3
1500	350	28	290	23	180	23			270	10	310	11	30	34	70	27	30	21	10	39	140	29	0	37	0	74	200	18	170	3
2000			250	36	200	30			220	16	200	26	60	26	90	3	10	5	20	31	80	21	20	27	60	56	200	18	350	8
3000			Ent. Sc		240	60									180	8	230	27							120	13			260	21
4000																									340	8			210	29
5000																														
6000																														

Forecast for 24 hours from noon on 24th

Moderate to fresh winds between northwest and northeast.
Clear, or occasional medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٤

رياح ما بين المعتدلة والمنعشة شمالية
غربية الى شمالية شرقية
السماء صحو او تظهر احيانا بعض السحب الوسط
درجة الحرارة تقريبا كما هي.

STATION	Mean of day Humidity % on 23rd	Diff. from normal	Wet Bulb Temp. °C on 23rd	Diff. from normal
Alexandria	80	+12	17.9	+2.5
Ezbekiya	40	-12	17.9	+1.2
Gîza	39	-13	17.4	+1.3
Helwân	16	-24	15.0	+0.9

Gîza Grass minimum on 24th 9.9 °C

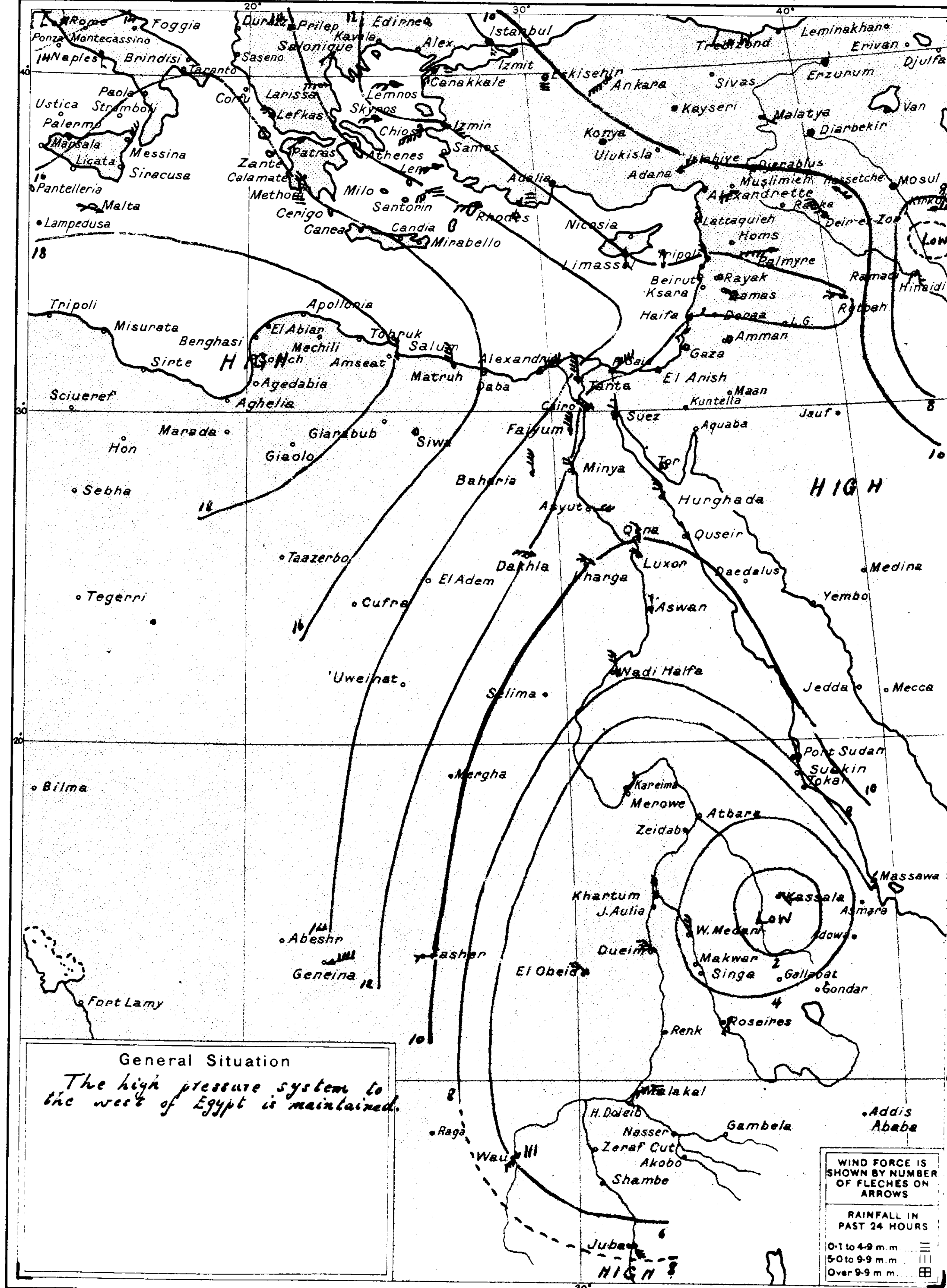
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
24-4	787	904
23-4	788	880

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-4	13.31	-0.07	13.31	-0.06
Nâsser	23-4	5.13	-0.31	5.14	-0.30
Malakâl	24-4	9.86	-0.23	9.85	-0.24
Roseires	24-4	11.42	+0.11	11.44	+0.14
Sennâr Res.	23-4	15.52	—	15.66	—
Khartûm	23-4	9.91	-0.27	9.93	-0.25
Kh. el Girba					
'Atbara	24-4	9.76	-0.21	9.74	-0.23
Kajnarti	23-4	131.59	-0.27	131.52	-0.34
Wâdi Halfa					
Aswân Res.	24-4	110.69	—	116.70	—
D. S.	24-4	85.40	-0.19	85.41	-0.18
El Leisi	24-4	17.25	+0.38	17.27	+0.40
Rôda (Cairo)	24-4	15.70	+0.21	15.70	+0.21

Printed by the Survey of Egypt 1936. (36/530)

١٩٣٧-٤-٢٤ Pressure and Wind at 8h. 24.4.1937.



General Situation

The high pressure system to the west of Egypt is maintained.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 23.4.1937 — الساعة ٨ يوم ٢٣-٤-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1013	0	SE	1	20	—	—	—	—	—	—	0	—	—	—	—	—	—	
Haifa	1014.6	+2.7	NNW	1	22.0	25	0	17	+4	72	+12	0	—	—	—	0	361	638	
Gaza	1015.1	+2.6	—	0	18.1	27	+2	13	+1	90	+26	8	3	—	4	0	395	371	

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise 05 h. 17 m.
sunset 18 h. 28 m.

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

DAILY WEATHER REPORT

Month April 1937 ١٩٣٧ شهر ابريل

١٩٣٧-٤-٢٥ Pressure and Wind at 8 h. 25-4-1937

		STATION	At 14h. on 24th (٢٤ يوم الساعة ١٤) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN	SALŪM	1018.2	NNE	5	17.3	55	1	8
131		MATRŪH	1010.0	NNW	3	18.0	62	0	0
150		DIKHEILA	1010.3	NNW	4	19.3	79	3	—
132		ALEXANDRIA	1015.5	NNE	6	20.2	66	5	9
159		DAMIETTA							
134		PORT SAÏD	1013.6	NE	6	22.5	68	0	7
135		EL 'ARÎSH	1010.8	NNW	4	21.6	82	3	6
136	LOWER EGYPT	DAMANHŪR							
137		MANSŪRA							
138		TANTA							
139		ZAGAZĪG	1013.4	NNE	4	26.4	36	0	8
141	MIDDLE EGYPT (CAIRO)	ALMAZA	1012.7	NNW	4	27.3	55	0	9
		EZBEKĪYA	1011.8	NW	3	28.0	39	0	8
		GĪZA	1011.4	N	2	28.0	38	0	7
143		HELWĀN	1011.2	NNW	5	27.8	34	0	7
144		SUEZ							
153	UPPER EGYPT	FAIYŪM	1011.8	NNW	4	29.6	32	0	6
154		MINYA	1010.4	N	4	31.7	31	0	5
155		ASYŪT	1009.0	NNW	3	36.0	14	0	8
156		QENA	1007.4	NNW	1	39.4	14	0	8
157		LUXOR	1007.1	NNW	1	39.7	22	0	8
158		ASWĀN	1004.3	NW	3	40.0	14	0	8
148	WESTERN DESERT	SÎWA	1015.4	NW	2	26.2	40	0	6
149		BAHARÎYA	1012.3	NNE	3	29.2	39	0	9
151		KHĀRGA	1008.7	NW	3	38.7	30	0	9
152		DĀKHLA	1009.8	NNE	3	34.8	23	0	8
145	RED SEA	TŌR							
146		HURGHĀDA							
147		QUSEIR							
169		PORT SUDAN							
165	NORTH SUDAN	WĀDI HALFA							
166		KAREIMA							
167		'ATBARA							
168		KHARTŪM							
170		KASSALA							
171	CENTRAL SUDAN	WAD MEDANI							
173		DUEIM							
		RENK							
172		ROSEIRES							
174		EL OBEID							
175		EL FĀSHER							
176	S. SUDAN	MALAKĀL							
177		WĀU							
178		JŪBA							
179		Gencina							
180		Gallabat							

	STATION	At 8h. on Sunday 25th (الاحد ٢٥ يوم الساعة ٨) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALŪM	1017.4	+1.1	SW	1	15.1	18	—	10	—	65	—	3	5	—	3	0	135	—
131	MATRŪH	1016.4	+2.1	SE	1	16.4	22	+1	11	-3	73	+2	0	0	—	0	0	182	157
150	DIKHEILA	1017.1	—	NNW	1	18.3	20	—	17	—	62	—	1	8	4c	0	0	—	—
132	ALEXANDRIA	1016.4	+2.3	NE	1	17.6	22	-3	16	0	63	-6	0	9	—	0	0	167	188
159	DAMIETTA	1015.9	—	NNW	1	21.3	25	—	14	—	62	—	1	8	Cu	1	0	75	113
134	PORT SAÏD	1016.3	+3.6	NNW	3	20.1	23	-1	16	0	63	-4	2	7	Sc	1	0	38	78
135	EL 'ARÎSH	1015.1	—	NNE	2	20.2	25	—	17	—	70	—	1	7	Cu	1	0	—	—
136	DAMANHŪR	1016.7	+2.6	NNW	2	19.3	24	-4	13	+1	53	-12	0	7	—	0	0	78	108
137	MANSŪRA	1016.4	—	NNE	1	18.0	26	-3	12	-1	62	-3	0	8	—	0	0	45	54
138	TANTA	1016.3	+1.6	—	0	18.0	26	-4	9	-4	68	-1	0	7	—	0	0	54	44
139	ZAGAZĪG	1016.7	—	NE	2	18.9	27	-2	11	-1	61	-4	1	8	Cu	1	0	20	26
141	ALMAZA	1015.9	—	NE	4	17.8	28	—	11	—	74	—	1	8	Sc	1	0	—	—
	EZBEKĪYA	1015.9	+2.6	NE	3	18.5	29	0	13	-1	63	0	1	6	Cu	0	0	18	31
	GĪZA	1015.9	+1.9	N	2	18.0	28	-2	12	0	66	+4	1	6	Sc	1	0	16	28
143	HELWĀN	1015.5	+1.9	NNE	5	17.4	28	-2	14	-1	59	+9	0	7	—	0	0	17	33
144	SUEZ	1015.9	+2.1	NW	2	19.0	31	+1	16	0	63	-6	1	5	St	0	0	13	25
153	FAIYŪM	1015.8	+2.0	N	6	18.2	30	-1	14	0	61	+9	0	7	—	0	0	6	11
154	MINYA	1014.8	+1.1	NNE	4	18.5	32	0	15	+1	69	+11	0	5	—	0	0	16	—
155	ASYŪT	1013.9	+0.8	NNW	3	19.8	37	+4	16	0	63	+21	0	8	—	0	0	dr.	5
156	QENA	1009.9	-2.8	NNW	4	26.3	40	+3	20	+3	36	-2	0	8	—	0	0	dr.	—
157	LUXOR	1009.5	—	—	0	28.6	40	—	17	—	42	—	0	8	—	0	0	dr.	—
158	ASWĀN	1008.2	-3.7	N	3	27.3	41	+4	23	+3	28	-1	0	8	—	0	0	1	—
148	SÎWA	1016.4	+1.7	—	0	17.9	27	-4	10	-3	62	+6	0	6	—	0	0	29	7
149	BAHARÎYA	1016.4	—	NNE	3	17.6	30	—	13	—	59	—	0	9	—	0	0	26	—
151	KHĀRGA	1012.6	-0.2	ENE	5	24.2	39	+4	18	+1	45	+4	0	9	—	0	0	0	0
152	DĀKHLA	1014.2	+0.9	ESE	2	22.3	35	-1	19	+4	54	+18	0	7	—	0	0	dr.	—
145	TŌR	1010.7	-1.6	NW	5	21.7	33	+4	20	+3	71	+4	0	6	—	0	0	14	14
146	HURGHĀDA	1011.5	-0.5	NNW	5	23.5	35	+5	20	+3	57	+11	0	5	—	1	0	dr.	0
147	QUSEIR	1009.3	-2.8	N	4	26.8	33	+4	24	+3	45	+3	0	7	—	0	0	1	7
169	PORT SUDAN	1007.4	-3.1	NW	2	30.6	35	+2	23	+1	52	-1	0	—	—	0	0	42	108
165	WĀDI HALFA	1009.3	-2.1	N	5	26.9	39	+1	22	+4	36	+12	6	6	—	0	—	—	—
166	KAREIMA	1004.8	-5.3	N	5	31.0	44	+4	26	+4	16	-1	0	8	—	0	0	1	1
167	'ATBARA	1005.3	-3.1	N	2	33.0	45	+5	25	+3	21	+7	0	—	—	0	0	5	3
168	KHARTŪM	1003.4	-4.6	N	4	31.2	45	+4	26	+3	22	+6	3	7	Cu	0	0	25	5
170	KASSALA	999.2	-8.1	E	2	36.9	45	+4	30	+6	18	-18	0	8	Cu	0	0	22	13
171	WAD MEDANI	1002.4	-5.2	NE	3	34.4	45	+3	25	+2	20	+2	0	—	—	0	0	58	15
173	DUEIM	1002.6	-5.7	NW	4	33.4	45	+4	26	+5	16	-5	0	—	—	0	0	35	14
	RENK	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
172	ROSEIRES	1003.4	-4.4	WSW	2	32.2	44	+4	28	+6	31	-4	0	—	—	1	0	3	54
174	EL OBEID	1004.9	-4.7	N	5	30.0	43	+4	25	+5	21	-12	2	7	Cu, Ac	0	0	23	22
175	EL FĀSHER	—	—	N	2	27.5	42	+4	16	-3	4	-17	0	—	—	0	0	0	8
176	MALAKĀL	—	—	SW	3	29.7	40	+2	25	+2	47	-8	3	8	Ac	1	0	106	116
177	WĀU	1007.5	-1.4	SE	3	27.0	35	-1	24	+2	63	-6	1	—	—	1	0	235	226
178	JŪBA	1008.6	-1.9	S	4	23.9	38	+3	20	-2	83	+6	4	7	Sc	9	22	255	272
179	Gencina	—	—	E	4	24.0	40	—	16	—	20	—	2	8	Cu	0	0	—	—
180	Gallabat	1002.7	—	SSW	3	33.6	41	—	25	—	46	—	0	—	—	0	0	—	—

Upper Wind Observations on 25-4-1937 (١٩٣٧-٤-٢٥ ارصاد الرياح العليا يوم)

Height above M.S.L. metres	Salum 07 h.00 m. Dir. E of N.	Kms. per hour	Matruh 07 h.00 m. Dir. E of N.	Kms. per hour	Dikheila 07 h.30 m. Dir. E of N.	Kms. per hour	Almaza 08 h.15 m. Dir. E of N.	Kms. per hour	Cairo 08 h.15 m. Dir. E of N.	Kms. per hour	Helwan 08 h.30 m. Dir. E of N.	Kms. per hour
200	260	3	120	7	10	10	30	34	50	10	40	46
500	—	—	100	8	10	12	40	18	50	16	30	28
1000	270	36	300	29	20	10	60	24	30	24	50	40
1500	270	35	290	23	310	13	20	16			40	23
2000	310	20	290	19	350	11					300	19
3000	290	34	280	32	270	17					200	11
4000					260	22					200	8
5000											200	13
6000											230	32
7000											260	43

Height above M.S.L. metres	Asyut 07 h.00 m. Dir. E of N.	Kms. per hour	Aswan 07 h.00 m. Dir. E of N.	Kms. per hour	Wadi Halfa 06 h.00 m. Dir. E of N.	Kms. per hour	Kareima 05 h.00 m. Dir. E of N.	Kms. per hour	Khartum 06 h.00 m. Dir. E of N.	Kms. per hour	Kassala 06 h.00 m. Dir. E of N.	Kms. per hour
200	—	—	—	—	0	35	—	—	—	—	—	—
500	350	23	40	44	30	63	10	00	0	34	120	27
1000	0	39	40	52	30	61	20	35	350	42	110	26
1500	320	26	40	36	40	27	30	34	350	51	30	24
2000	280	14	50	24	170	24	10	18			20	26
3000							310	14			0	19
4000												
5000												
6000												
7000												

Height above M.S.L. metres	El Obeid 06 h.00 m. Dir. E of N.	Kms. per hour	Malakal 06 h.00 m. Dir. E of N.	Kms. per hour	Juba 06 h.00 m. Dir. E of N.	Kms. per hour
200	—	—	—	—	—	—
500	—	—	—	—	250	35
1000	10	69	240	45	0	10
1500	70	24	270	27	200	18
2000	29				190	27
3000					190	26
4000						
5000						
6000						
7000						

Forecast for 24 hours from noon on 25th

On the coast moderate westerly winds.
Inland moderate winds chiefly north easterly.
Occasional medium cloud.
Slightly warmer tomorrow; temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٥

رياح غربية معتدلة على الساحل.
ورياح معتدلة الى شمالية شرقية في الداخل
يظهر بعض السحاب المتوسط الارتفاع احيانا
ترتفع درجة الحرارة قليلا بالغد وتكون حوالى المعدل.

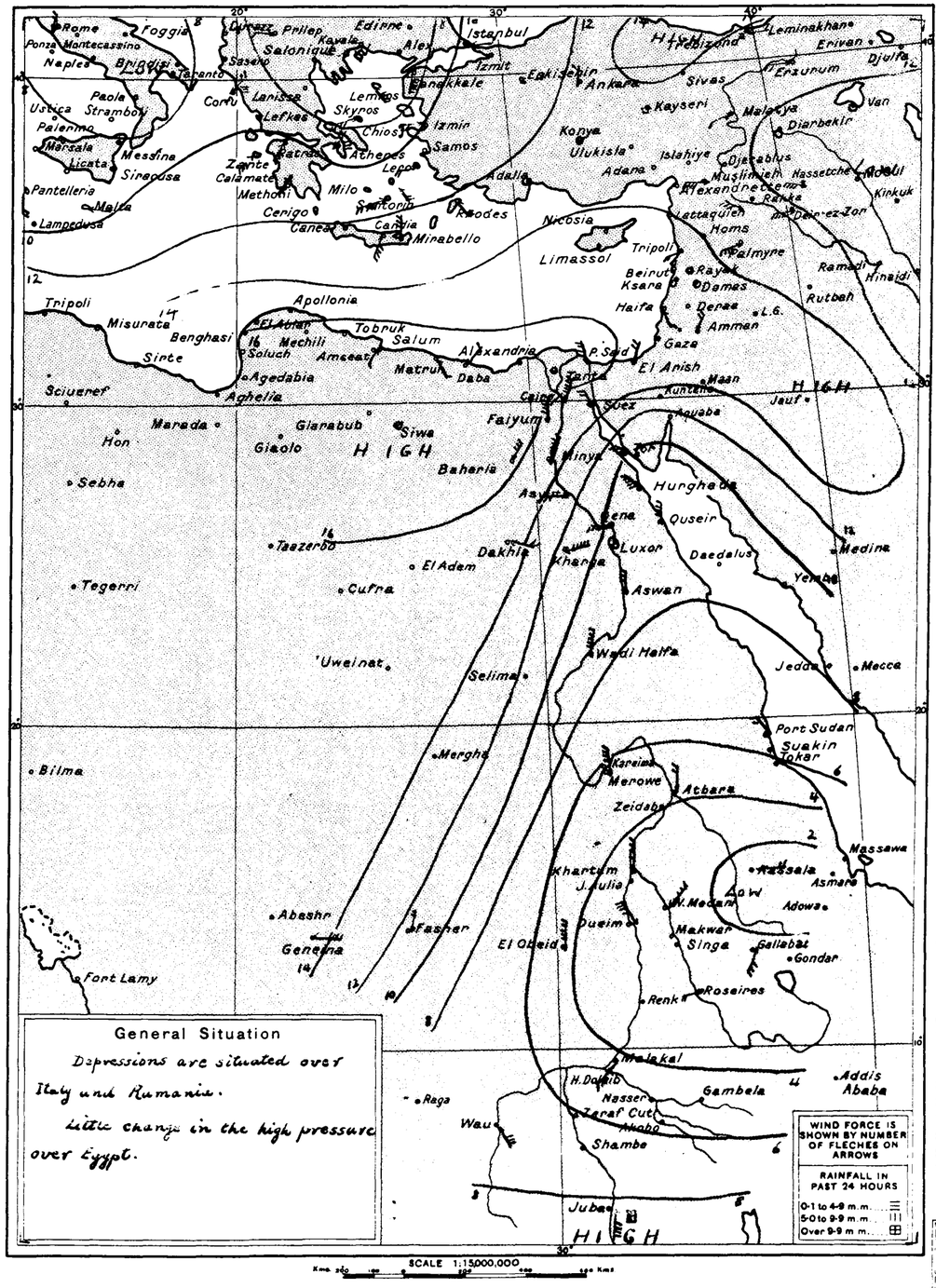
STATION	Mean of day Humidity % on 24th	Diff. from normal	Wet Bulb Temp. °C on 24th	Diff. from normal
Alexandria	71	+3	15.5	0.0
Ezbekiya	62	+10	17.6	+0.8
Gîza	64	+12	17.2	+1.0
Helwān	50	+10	16.6	+1.4

Gîza Grass minimum on 25th 9.0 °C

Discharges at Aswān measured by sluices m.³ per sec.

DATE	1937	1936
25-4	786	901
24-4	787	904

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	24-4	13.31	-0.07	13.31	-0.06
Nāsser	24-4	5.15	-0.29	5.13	-0.31
Malakāl	25-4	9.87	-0.21	9.86	-0.23
Roseires	25-4	11.40	+0.08	11.42	+0.11
Sennār Res.	23-4	15.52	—	15.66	—
Khartūm	24-4	9.90	-0.28	9.91	-0.27
Kh. el Girba					
'Atbara	25-4	9.76	-0.21	9.76	-0.21
Kajnarti	24-4	131.66	-0.20	131.59	-0.27
Wādi Halfa					
Aswān Res.	25-4	116.59	—	116.69	—
" D.S.	25-4	85.40	-0.20	85.40	-0.19
El Leisi	25-4	17.25	+0.38	17.25	+0.38
Rōda (Cairo)	25-4	15.66	+0.20	15.70	+0.21



STATION	At 8 h. on 24-4-1937 (١٩٣٧-٤-٢٤ يوم الساعة ٨) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limassol	1012	-1	S	1	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.9	0.0	E	1	23.7	27	+2	15	+2	44	-16	0	—	—	—	0	361	638	حيفا
Gaza	1011.6	-0.9	—	0	23.6	27	+2	12	-1	42	-22	3	9	—	0	0	295	371	غزة

Remarks

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise h. m. 05 16 — sunset h. m. 18 29

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *April* 1937 · ١٩٣٧ شهر ابريل

١٩٣٧-٤-٢٦ Pressure and Wind at 8 h. 26-4-1937

1417 F.C.

At 14 h. on 25th ٢٥ يوم الساعة ١٤

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN: SALŪM	1015.2	W	2	25.7	23	0	8
131	MATRŪH	1015.5	NE	2	19.4	68	0	6
150	DIKHEILA	1016.7	NNW	1	19.7	66	0	—
132	ALEXANDRIA	1015.9	NE	4	21.2	56	0	9
159	DAMIETTA							
134	PORT SAÏD	1015.5	NNW	4	22.3	59	0	7
135	EL 'ARÎSH	1013.9	NNE	4	20.7	70	0	7
136	LOWER EGYPT: DAMANHŪR							
137	MANSŪRA							
138	TANTA							
139	ZAGÂZÎG	1014.3	NNW	2	25.9	36	0	8
141	MIDDLE EGYPT: CAIRO: ALMÂZA	1014.3	NNE	3	25.9	63	0	7
	CAIRO: EZBEKÎYA	1013.0	N	2	27.6	40	0	8
	CAIRO: GÎZA	1012.6	NE	2	26.4	38	0	7
143	HELWÂN	1012.7	N	5	26.2	25	0	8
144	SUEZ							
153	UPPER EGYPT: FAIYŪM	1012.6	N	4	26.9	30	0	8
154	MINYA	1011.6	N	4	28.4	31	0	5
155	ASYŪT	1010.3	NSW	3	30.0	20	0	8
156	QENA	1007.1	NSW	1	37.1	18	0	8
157	LUXOR	1006.6	NNW	1	37.3	29	0	8
158	ASWÂN	1004.0	N	2	38.0	16	0	8
148	WESTERN DESERT: SÎWA	1015.9	—	0	26.1	43	0	6
149	BAHARÎYA	1013.5	NNE	3	26.6	30	0	9
161	KHÂRGA	1009.9	N	4	31.6	26	0	9
162	DÂKHLA	1011.6	N	4	28.4	36	0	8
145	RED SEA: TÛR							
146	HURGHÂDA							
[illegible]	QUSEIR							
169	PORT SUDAN							
165	NORTH SUDAN: WÂDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTŪM							
170	KASSALA							
171	CENTRAL SUDAN: WAD MEDANI							
173	DUEIM							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	S. SUDAN: MALAKÂL							
177	WÂU							
178	JŪBA							
179	*Geneina*							
180	*Gallabat*							

At 8 h. on *Monday 26th* ٢٦ الاثنين يوم الساعة ٨

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALŪM	1015.4	-0.8	SW	2	19.0	26	—	15	—	40	—	0	6	—	0	0	105	—
131	MATRŪH	1015.9	+1.6	SE	2	17.2	20	-4	11	-3	67	-4	0	6	—	0	0	182	157
150	DIKHEILA	1017.2	—	SE	1	17.8	20	—	12	—	69	—	0	8	—	0	0	—	—
132	ALEXANDRIA	1016.3	+2.2	SE	1	17.0	23	-2	15	-1	75	+6	0	9	—	0	0	167	188
159	DAMIETTA	1015.9	—	NNE	2	20.9	25	—	16	—	76	—	0	8	Cu	1	0	75	113
134	PORT SAÏD	1015.9	+3.2	NE	5	19.2	23	-1	16	-1	65	-2	1	6	As	1	0	38	78
135	EL 'ARÎSH	1015.1	—	NNE	3	18.2	21	—	16	—	78	—	3	6	Cu	1	0	—	—
136	DAMANHŪR	1016.4	+2.3	ENE	3	19.1	25	-3	13	+1	61	-4	0	7	—	0	0	78	108
137	MANSŪRA	1015.9	—	NE	2	19.1	27	-2	14	+1	63	-2	0	8	Cu	1	0	45	54
138	TANTA	1015.9	+1.3	NNE	2	19.0	27	-3	11	-2	63	0	0	7	—	0	0	54	45
139	ZAGÂZÎG	1015.8	—	NNE	2	18.8	26	-3	12	0	66	+1	1	8	Cu	1	0	20	26
141	CAIRO: ALMÂZA	1015.4	—	NE	5	18.5	27	—	12	—	72	—	1	7	Cs	1	0	—	—
	CAIRO: EZBEKÎYA	1014.6	+1.4	NNE	4	19.7	28	-2	12	-2	57	-6	0	7	—	0	0	18	31
	CAIRO: GÎZA	1014.7	+0.7	NNE	2	18.6	27	-3	11	-1	61	-1	0	6	—	0	0	16	28
143	HELWÂN	1014.8	+1.2	NE	6	17.2	27	-3	14	-1	59	+9	0	7	—	0	0	17	33
144	SUEZ	1014.8	+1.1	NNW	4	18.0	28	-2	16	0	63	-6	0	6	—	0	0	13	25
153	FAIYŪM	1014.6	+0.8	N	4	17.9	28	-4	13	-1	61	+10	0	7	—	0	0	6	11
154	MINYA	1013.5	-0.2	N	3	17.5	29	-3	13	-1	68	+10	0	6	—	0	0	16	—
155	ASYŪT	1013.1	+0.1	NNW	3	17.8	31	-2	15	-1	63	+21	0	8	—	0	0	dr.	5
156	QENA	1009.8	-2.8	N	4	23.2	38	+1	19	+1	39	+1	0	8	—	0	0	dr.	—
157	LUXOR	1009.5	—	E	1	27.0	38	—	16	—	28	—	0	8	—	0	0	dr.	—
158	ASWÂN	1008.3	-3.5	N	3	25.8	39	+1	20	0	31	+2	0	8	—	0	0	1	—
148	SÎWA	1015.4	+0.8	—	0	19.3	27	-4	11	-2	59	+3	0	6	—	0	0	29	7
149	BAHARÎYA	1016.0	—	NNE	1	15.9	28	—	10	—	70	—	0	9	—	0	0	26	—
161	KHÂRGA	1012.4	-0.3	NE	5	21.4	32	-3	17	0	48	+7	0	9	—	0	0	0	0
162	DÂKHLA	1014.3	+1.1	NNE	3	18.6	30	-6	15	-1	64	+28	0	8	—	0	0	dr.	—
145	TÛR	1009.8	-2.5	NW	5	21.2	27	-2	20	+3	73	+6	0	6	—	0	0	14	14
146	HURGHÂDA	1009.9	-2.1	NNW	5	22.5	28	-2	20	+3	48	+2	0	5	—	1	0	dr.	0
[illegible]	QUSEIR	1008.7	-3.3	NW	4	24.9	—	—	—	—	61	+19	0	7	—	0	0	1	7
169	PORT SUDAN	1007.5	-2.9	N	1	27.6	36	+3	24	+2	80	+28	2	—	—	0	0	42	108
165	WÂDI HALFA	1010.0	-1.4	NW	4	29.0	37	-1	19	+1	31	+7	6	7	—	3	—	—	—
166	KAREIMA	1006.0	-4.0	N	5	29.0	42	+1	24	+2	24	+7	6	6	—	0	0	1	1
167	'ATBARA																		
168	KHARTŪM	1003.7	-4.3	N	5	30.0	46	+5	25	+2	21	+4	3	7	Cu	1	0	25	5
170	KASSALA	1002.0	-5.3	NE	1	33.8	44	+3	29	+5	36	0	0	8	—	0	0	22	13
171	WAD MEDANI	1002.7	-4.9	NE	3	33.0	45	+3	28	+5	21	+3	0	—	—	0	0	58	15
173	DUEIM	1002.3	-6.0	N	5	33.0	44	+3	27	+6	15	-6	0	—	—	0	0	35	14
182	RENK																		
172	ROSEIRES	1002.4	-5.4	WNW	2	34.7	42	+2	26	+4	31	-5	0	—	—	0	0	3	54
174	EL OBEID	1006.0	-3.6	NW	6	30.2	41	+2	23	+3	19	-14	4	7	Cs	1	0	23	22
175	EL FÂSHER	—	—	WNW	1	26.0	40	+2	16	-3	10	-12	0	—	—	0	0	0	8
176	MALAKÂL	—	—	W	5	30.0	39	+1	24	+1	53	-2	1	8	Ci	1	0	108	117
177	WÂU	1006.3	-2.6	SW	3	28.8	36	0	25	+3	62	-8	1	—	—	1	0	235	228
178	JŪBA	1007.5	-3.1	SE	3	25.9	34	-1	22	0	76	-1	2	9	Cu/Sc	1	0	255	276
179	*Geneina*	—	—	E	2	21.4	38	—	20	—	14	—	1	8	Ac	0	0	—	—
180	*Gallabat*																		

Upper Wind Observations on 26-4-1937

١٩٣٧-٤-٢٦ يوم ارصاد الرياح العليا

Height metres above M.S.L.	Salum 07 h00 m. Dir. E of N.	Kms. per hour	Matruh 07 h00 m. Dir. E of N.	Kms. per hour	Dikheila 08 h00 m. Dir. E of N.	Kms. per hour	Almaza 07 h30 m. Dir. E of N.	Kms. per hour	Helwan 08 h30 m. Dir. E of N.	Kms. per hour	Asyut 07 h00 m. Dir. E of N.	Kms. per hour	Aswan 07 h00 m. Dir. E of N.	Kms. per hour	Wadi Halfa 06 h00 m. Dir. E of N.	Kms. per hour	Kareima 05 h00 m. Dir. E of N.	Kms. per hour	Khartum 05 h00 m. Dir. E of N.	Kms. per hour	Kassala 07 h00 m. Dir. E of N.	Kms. per hour	El Obeid 06 h00 m. Dir. E of N.	Kms. per hour	Malakal 06 h00 m. Dir. E of N.	Kms. per hour	Juba 06 h00 m. Dir. E of N.	Kms. per hour	Geneina 07 h00 m. Dir. E of N.	Kms. per hour
200	200	5	140	28	100	25	40	52	40	19	—	—	—	—	0	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	120	2	70	28	50	63	50	32	0	31	10	35	10	48	10	48	350	45	—	—	—	—	250	32	300	50	—	—
1000	140	7	350	12	20	30	40	45	50	66	0	21	20	20	0	37	30	56	10	66	190	21	10	69	240	47	300	56	—	—
1500	340	2	350	31	20	20	40	46	70	37	20	28	0	23	30	23	30	34	30	72	230	34	10	50	270	29	290	37	0	63
2000	340	29	330	10	350	14	40	37	50	42	10	28			40	19	300	6	30	37	150	24	10	43	270	24	260	14	0	40
3000	290	31	300	26	350	11	30	15											50	26	250	18					170	29		
4000	290	32																									160	31		
5000																														
6000																														

Forecast for 24 hours from noon on 26th

On the coast moderate easterly winds, becoming southerly.
Inland fresh northeast to east winds.
Mainly clear.
Somewhat warmer tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٦
على الساحل رياح معتدلة شرقية تتحول الى جنوبية
وفي الداخل رياح نسيمية شمالية شرقية وشرقية
السماء صحو على العموم
ترتفع درجة الحرارة قليلا بأكر

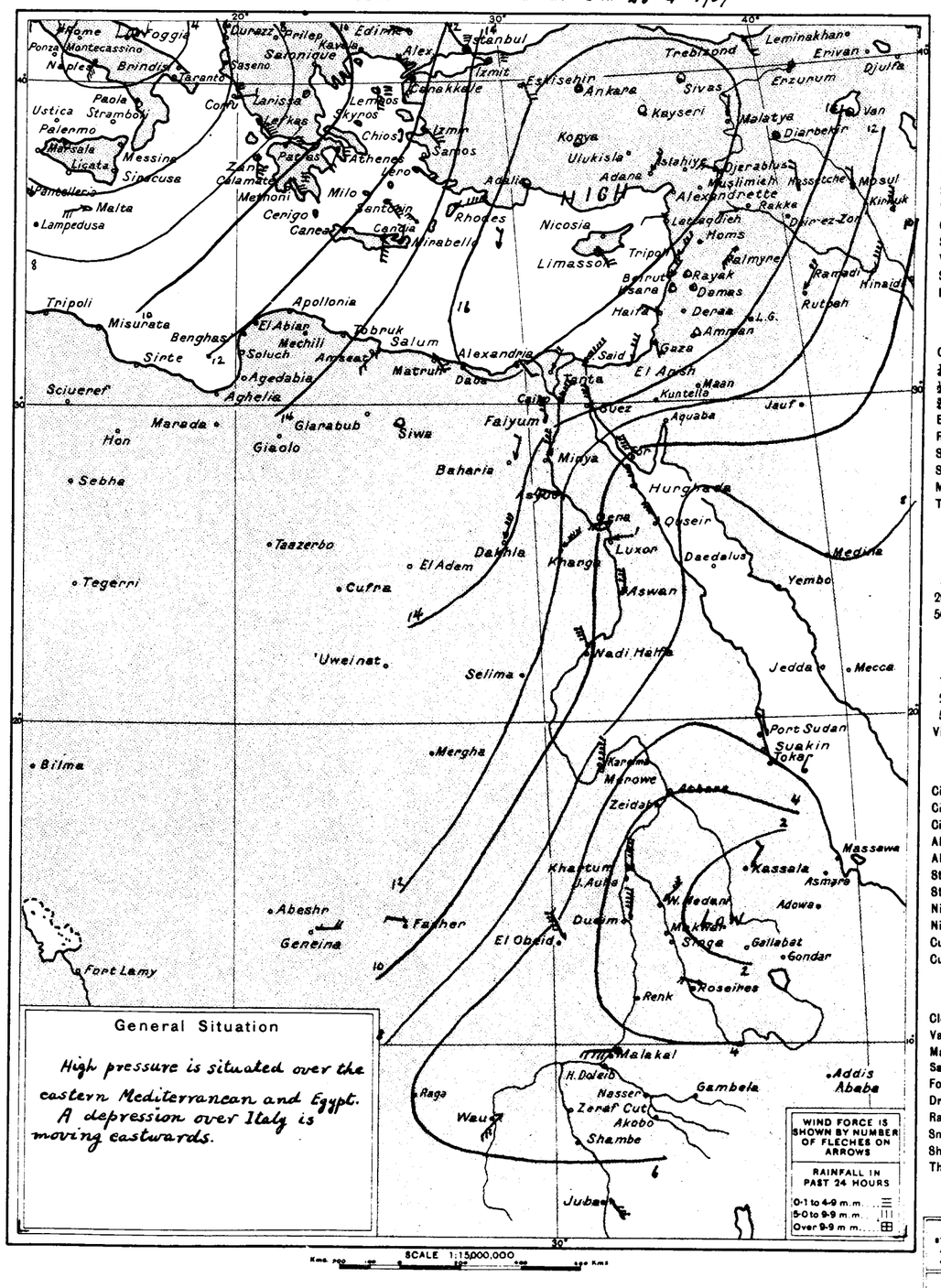
STATION	Mean of day: Humidity % on 25th	Humidity Diff. from normal	Wet Bulb Temp. °C on 25th	Wet Bulb Temp. Diff. from normal
Alexandria	65	-3	14.7	-0.9
Ezbekiya	57	+5	16.5	-0.4
Gîza	56	+4	15.7	-0.6
Helwân	50	+10	14.2	0.0

Gîza Grass minimum on 26th 8.3 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
26-4	787	905
25-4	786	901

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	25-4	13.26	-0.13	13.31	-0.07
Nāsser	25-4	5.12	-0.33	5.15	-0.29
Malakâl	26-4	9.88	-0.20	9.07	-0.21
Roseires	26-4	11.35	+0.02	11.40	+0.08
Sennâr Res.	25-4	15.28	—	15.42	—
Khartûm	25-4	9.07	+0.32	9.90	-0.28
Kh. el Girba					
'Atbara	26-4	9.75	-0.23	9.76	-0.21
Kajnarti	26-4	131.69	-0.18	131.71	-0.16
Wâdi Halfa					
Aswân Res.	26-4	116.54	—	116.59	—
" D. S.	26-4	85.40	-0.20	85.40	-0.20
El Leisi	26-4	17.25	+0.39	17.25	+0.38
Rôda (Cairo)	26-4	15.70	+0.22	15.68	+0.20



STATION	At 8 h. on 25-4-1937 ١٩٣٧-٤-٢٥ الساعة ٨ يوم: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum To day °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1013	0	SW	2	19	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.3	+2.5	SSE	1	21.2	26	+1	16	+2	71	+11	0	—	—	—	0	361	688	حيفا
Gaza	1015.0	+2.6	—	0	20.9	30	+5	12	-1	67	+3	0	9	—	0	0	395	371	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION

Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO.
Time of sunrise h. 05 m. 15
sunset h. 18 m. 30

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

DAILY WEATHER REPORT

Month April 1937 ١٩٣٧ ابريل شهر ١٩٣٧-٤-٢٧ Pressure and Wind at 8 h. 27-4-1937

At 14 h. on 26th April ٢٦ ابريل الساعة ١٤

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
130	SALŪM	1015.4	E	1	26.0	26	3	8
131	MATRŪH	1015.0	NE	3	21.7	71	3	6
150	DIKHEILA							
132	ALEXANDRIA	1015.9	NE	4	21.8	64	0	9
159	DAMIETTA							
134	PORT SAÏD	1015.6	NE	5	21.5	65	0	6
135	EL 'ARÎSH	1014.4	NNW	4	20.2	64	0	7
	LOWER EGYPT							
136	DAMANHŪR							
137	MANSŪRA							
138	TANTA							
139	ZAGÂZÎG	1014.3	NE	5	25.8	40	0	8
	MIDDLE EGYPT							
141	CAIRO ALMÂZA	1013.6	NNE	4	26.7	25	0	8
	CAIRO EZBEKÎYA	1012.7	NNE	3	28.2	27	0	8
	CAIRO GÎZA	1012.4	NNE	3	27.7	25	0	7
143	CAIRO HELWÂN	1012.3	NNE	5	27.5	24	0	7
144	SUEZ							
	UPPER EGYPT							
153	FAIYŪM	1011.9	N	5	28.5	24	0	7
155	MINYA	1010.3	NNW	4	30.5	25	0	5
156	ASYŪT	1009.8	NSW	3	30.6	21	0	8
157	QENA	1008.3	NSW	2	36.0	20	0	9
158	LUXOR	1007.5	NNW	3	36.3	21	0	8
	ASWÂN	1006.1	NNW	3	37.0	15	0	8
	WESTERN DESERT							
148	SÎWA	1015.9	—	0	29.3	40	0	6
149	BAHARÎYA	1012.7	NE	3	29.9	26	0	9
151	KHÂRGA	1009.6	N	4	32.0	21	0	9
152	DÂKHLA	1011.8	NNW	4	28.9	—	0	8
	RED SEA							
145	ṬÛR							
146	HURGHÂDA							
147	QUSEIR							
169	PORT SUDAN							
	NORTH SUDAN							
165	WÂDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARṬÛM							
170	KASSALA							
	CENTRAL SUDAN							
171	WAD MEDANI							
173	DUEIM							
	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
	S. SUDAN							
176	MALAKÂL							
177	WÂU							
178	JŪBA							
179	Geneina							
180	Gallabat							

At 8 h. on Tuesday 27th April الثلاثاء ٢٧ الساعة ٨

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Maximum Today °C	Minimum Yesterday °C	Minimum Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																			
130	SALŪM	1014.6	-1.5	S	2	20.5	28	—	16	—		31	—	0	7	—	0	0	105	—
131	MATRŪH	1015.0	+0.8	SE	3	17.4	25	+1	13	-1		80	+9	0	6	—	0	0	106	157
150	DIKHEILA																			
132	ALEXANDRIA	1014.7	+0.6	SE	1	18.8	23	-2	15	-1		77	+7	0	9	—	0	0	167	169
159	DAMIETTA	1014.0	—	NNE	2	21.5	23	—	15	—		74	—	0	8	—	1	0	75	114
134	PORT SAÏD	1014.7	+2.0	NE	4	19.8	22	-2	17	0		76	+9	1	7	Cs	1	0	38	78
135	EL 'ARÎSH	1013.4	—	NNE	2	19.8	20	—	17	—		74	—	4	6	Cb	2	0	—	—
	LOWER EGYPT																			
136	DAMANHŪR	1014.8	+0.7	E	2	20.0	26	-2	12	0		69	+4	0	7	—	0	0	78	108
137	MANSŪRA	1014.2	—	NE	1	19.0	26	-3	13	0		76	+11	0	8	—	0	0	45	54
138	TANTA	1014.3	-0.3	ENE	2	20.0	28	-3	10	-4		72	+9	0	7	—	0	0	54	45
139	ZAGÂZÎG	1014.4	—	NNE	2	19.7	26	-4	11	-2		71	+6	2	7	Cc	2	0	20	26
	MIDDLE EGYPT																			
141	CAIRO ALMÂZA	1014.4	—	NE	4	18.9	28	—	12	—		67	—	1	7	Sc	2	0	—	—
	CAIRO EZBEKÎYA	1013.6	+0.4	NE	4	19.8	29	-1	14	-1		70	+7	0	8	Cu	0	0	18	31
	CAIRO GÎZA	1013.5	-0.5	NNE	2	18.9	28	-2	12	0		76	+14	2	6	Sc	2	0	16	28
143	CAIRO HELWÂN	1013.0	-0.5	NNE	4	18.4	28	-2	14	-1		64	+14	0	6	Cu	0	0	17	33
144	SUEZ	1012.4	-1.2	N	4	19.0	28	-2	16	0		95	+26	8	5	—	0	0	13	25
	UPPER EGYPT																			
153	FAIYŪM	1012.7	-1.0	N	5	19.3	29	-3	14	0		63	+12	0	7	—	0	0	6	11
155	MINYA	1011.2	-2.4	NNE	3	19.4	31	-1	14	0		62	+5	0	7	—	0	0	16	—
156	ASYŪT	1010.8	-2.2	NNW	3	18.8	33	0	14	-2		57	+15	0	8	—	0	0	dr.	5
157	QENA	1009.5	-3.1	N	1	25.0	37	0	19	+1		35	-3	0	8	—	0	0	dr.	—
158	LUXOR	1009.1	—	SE	1	27.5	37	—	15	—		36	—	0	8	—	0	0	dr.	—
	ASWÂN	1008.0	-3.8	N	1	26.3	38	0	19	-1		28	-1	0	8	—	0	0	1	—
	WESTERN DESERT																			
148	SÎWA	1015.5	+0.9	SE	1	18.3	30	-1	12	-1		72	+16	0	6	—	0	0	29	7
149	BAHARÎYA	1013.9	—	NNW	2	17.3	30	—	12	—		69	—	0	9	—	0	0	26	—
151	KHÂRGA	1010.8	-1.8	N	3	22.8	33	-3	14	-3		54	+13	0	9	—	0	0	0	0
152	DÂKHLA	1012.6	-0.6	NNW	5	21.3	31	-5	17	+1		26	-10	0	7	—	0	0	dr.	—
	RED SEA																			
145	ṬÛR	1009.8	-2.4	NW	4	22.0	26	-3	19	+2		74	+7	0	6	—	0	0	14	14
146	HURGHÂDA	1009.8	-2.1	NNW	5	24.2	28	-2	21	+4		41	-5	0	5	—	1	0	dr.	0
147	QUSEIR	1008.6	-3.2	NW	3	25.7	28	-1	21	0		48	+6	0	7	—	0	0	1	7
169	PORT SUDAN	1007.8	-2.6	N	1	29.1	32	-1	24	+2		71	+19	1	—	—	0	0	42	108
	NORTH SUDAN																			
165	WÂDI HALFA	1010.3	-1.1	NNW	4	22.6	35	-3	18	-1		25	+1	0	7	—	0	—	—	—
166	KAREIMA	1006.0	-4.0	NNW	4	28.0	40	-1	22	0		27	+10	0	7	—	0	0	1	1
167	'ATBARA	1004.8	-3.5	NE	1	32.5	42	+2	26	+4		22	+5	0	—	—	0	0	5	3
168	KHARṬÛM	1004.7	-3.3	N	6	30.7	43	+2	25	+2		17	0	2	6	Cu, Sc	1	0	25	5
170	KASSALA	1001.5	-5.8	SSE	2	33.3	44	+3	28	+4		39	+3	1	6	Ac	0	0	22	13
	CENTRAL SUDAN																			
171	WAD MEDANI	1004.3	-3.3	N	3	33.0	45	+3	28	+5		19	+1	1	—	—	1	0	58	15
173	DUEIM	1004.2	-4.1	NW	5	32.2	44	+3	26	+5		21	0	0	—	—	0	0	35	14
	RENK																			
172	ROSEIRES	1004.4	-3.5	WNW	2	32.4	43	+3	30	+8		39	+2	2	—	—	2	dr.	3	55
174	EL OBEID	1007.3	-2.3	NW	4	28.0	41	+2	24	+4		39	+6	2	8	Cs	1	0	23	22
175	EL FÂSHER	—	—	NW	1	24.5	40	+2	15	-4		13	-9	0	—	—	0	0	0	8
	S. SUDAN																			
176	MALAKÂL	—	—	SW	2	28.9	41	+3	25	+2		58	+2	4	8	Ac	2	0	108	118
177	WÂU	1006.8	-3.1	WSW	2	26.0	37	+1	24	+2		69	-1	3	—	—	1	0	235	230
178	JŪBA	1011.1	+0.4	SSW	4	23.2	36	+1	20	-2		83	+5	4	8	Cb	9	15	270	280
179	Geneina	—	—	NE	3	20.8	39	—	17	—		20	—	0	8	—	0	0	—	—
180	Gallabat																			

Upper Wind Observations on 27-4-1937 ١٩٣٧-٤-٢٧ يوم ارصاد الرياح العليا

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir. E.of N.	Kms. per hour	Almaza 07h.30m. Dir. E.of N.	Kms. per hour	Cairo 08h.15m. Dir. E.of N.	Kms. per hour	Helwan 08h.45m. Dir. E.of N.	Kms. per hour	Asyut 07h.00m. Dir. E.of N.	Kms. per hour	Aswan 07h.00m. Dir. E.of N.	Kms. per hour
200	180	10	120	31	40	37	40	26	40	14	—	—	—	—
500	—	—	80	22	40	40	60	25	50	24	20	16	20	23
1000	140	8	90	19	50	48	60	38	50	36	0	19	60	20
1500	100	30	60	26	50	30	60	23	80	28	30	24	190	19
2000	150	15	60	16	70	29			70	26	50	20	130	12
3000	120	18	70	23									180	26
4000													230	28
5000														
6000														

Height metres above M.S.L.	Wadi Halfa 06h.00m. Dir. E.of N.	Kms. per hour	Khartum 05h.00m. Dir. E.of N.	Kms. per hour	Kassala 06h.00m. Dir. E.of N.	Kms. per hour	Geneina 07h.00m. Dir. E.of N.	Kms. per hour	Fashir 07h.00m. Dir. E.of N.	Kms. per hour	Heliopolis 07h.00m. Dir. E.of N.	Kms. per hour	Ramleh 07h.00m. Dir. E.of N.	Kms. per hour	Amman 07h.00m. Dir. E.of N.	Kms. per hour
200	0	23	—	—	—	—	—	—	80	16	50	42	200	6	—	—
500	0	40	340	47	130	24	—	—	70	26	50	39	110	26	—	—
1000	0	21	10	60	130	21	—	—	70	24	50	45	100	24	Calm	
1500	10	24	50	68	70	24	60	68	60	29	50	29	130	40	130	56
2000	350	8	30	66	20	27	70	31	50	23			160	34	150	66
3000					10	24	300	14	60	21					120	14
4000					40	13										
5000					350	11										
6000																

Forecast for 24 hours from noon on 27th April

On the coast moderate southeast to south winds.
Inland fresh northeast winds, veering later to east or southeast and moderating.
Clear at first; occasional high cloud later.
Warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر ٢٧
رياح شمالية شرقية وجنوبية على الساحل
ورياح نسبية شمالية شرقية ثم تتحول الى شرقية او جنوبية شرقية
وتشتد في الداخل.
السماء صحو ثم يظهر به بعض السحاب العالي احيانا
ترتفع درجة الحرارة.

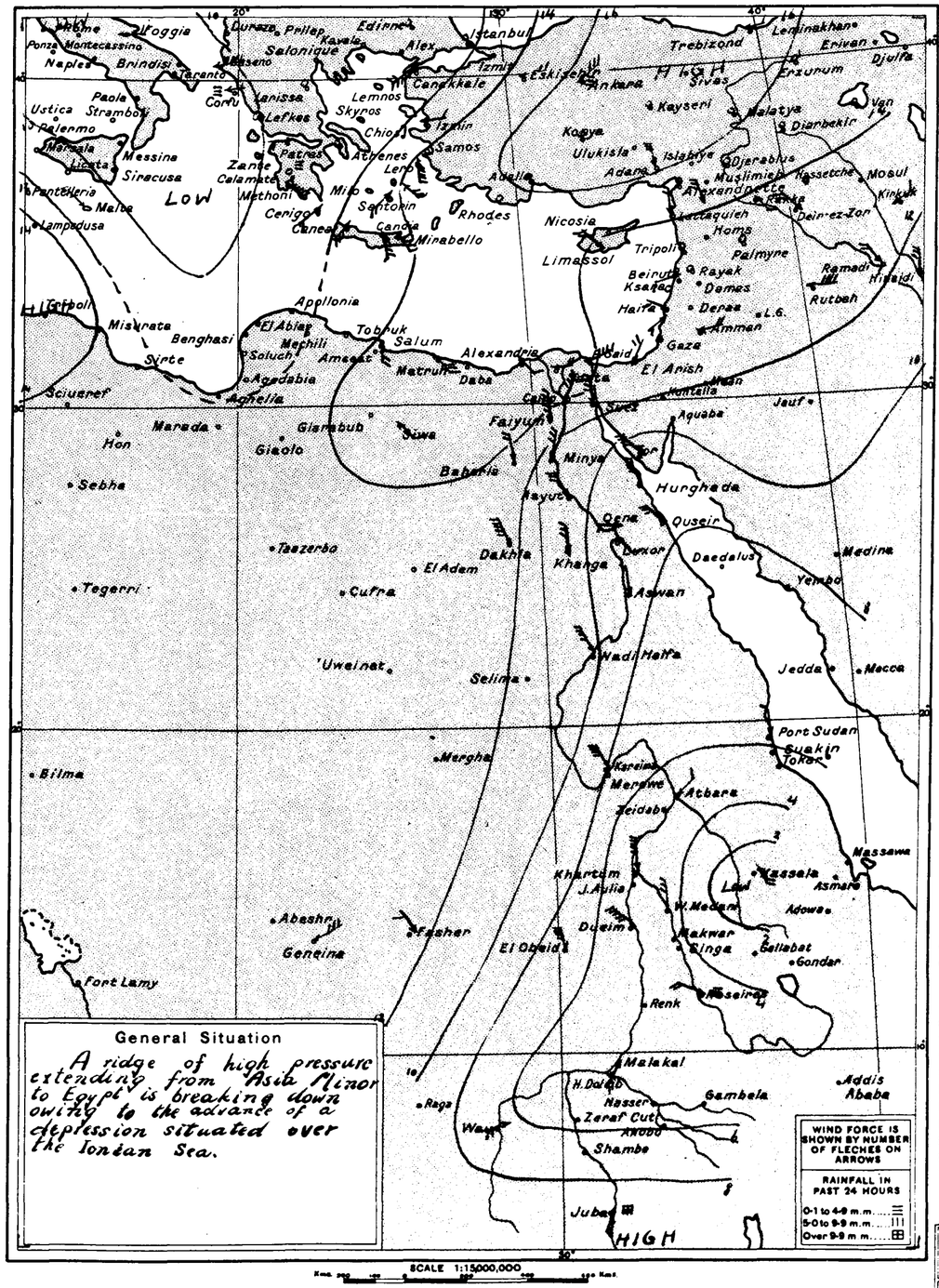
STATION	Mean of day Humidity % on 26th April	Diff. from normal	Wet Bulb Temp. °C on 26th April	Diff. from normal
Alexandria	77	+9	15.9	+0.2
Ezbekiya	53	+1	16.4	-0.6
Giza	53	+1	15.9	-0.5
Helwan	49	+9	14.3	0.0

Giza Grass minimum on 27th April 8.7 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
27-4	787	901
26-4	787	905

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	26-4	13.34	-0.06	13.26	-0.15
Nâsser	26-4	5.18	-0.30	5.12	-0.33
Malakâl	27-4	9.88	-0.19	9.88	-0.20
Roseires	27-4	11.34	-0.01	11.35	+0.02
Sennâr Res.	26-4	15.18	—	15.28	—
Khartûm	26-4	9.84	-0.37	9.87	-0.32
Kh. el Girba					
'Atbara	26-4	9.75	-0.23	9.76	-0.21
Kajnarti	27-4	131.61	-0.26	131.69	-0.18
Wâdi Halfa					
Aswân Res.	27-4	116.52	—	116.54	—
,, D.S.	27-4	83.40	-0.21	83.40	-0.20
El Leisi	27-4	17.28	+0.42	17.25	+0.39
Rôda (Cairo)	27-4	15.73	+0.25	15.70	+0.22



General Situation

A ridge of high pressure extending from Asia Minor to Egypt is breaking down owing to the advance of a depression situated over the Ionian Sea.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

WIND VELOCITY

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

PRESENT WEATHER

Clear . . . 0
½ Clouded . . . 1
¼ Clouded . . . 2
¾ Clouded . . . 3
Entirely clouded . . . 4
Raining . . . 5
Sand haze . . . 6
Sand storm . . . 7
Mist or Fog . . . 8
Thunderstorm . . . 9

VISIBILITY

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

CLOUD FORM

Cirrus . . . Ci
Cirro-cumulus . . . Cc
Cirro-stratus . . . Cs
Alto-stratus . . . As
Alto-cumulus . . . Ac
Strato-cumulus . . . Sc
Stratus . . . St
Nimbus . . . Nb
Nimbo-stratus . . . Ns
Cumulus . . . Cu
Cumulo-nimbus . . . Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 26-4-1937 ١٩٣٧-٤-٢٦ يوم الساعة ٨

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum To day °C	Minimum Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مصر
Limassol	1016	+3	SE	2	19	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.5	+3.7	WNW	1	19.7	22	-3	16	+2	72	+12	0	—	—	—	0	361	639	حيفا
Gaza	1015.2	+2.8	SSE	1	18.7	29	+4	11	-2	72	+8	2	5	—	1	0	395	272	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post . . . P.T. 100
Abroad . . . P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise 05 h. 14 m.
sunset 18 h. 30 m.

Month April 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٢٨-٤-٣٧

At 14h. on 27 — الساعة ١٤ يوم ٢٧ / At 8h. on Wednesday 28th — الساعة ٨ يوم الاربعاء ٢٨

No.	Station	14h Bar. Pressure Reduced to M.S.L. mb	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. mb	8h Diff. from normal mb	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1014.3	—	0	26.2	60	0	7	1013.5	-2.5	S	1	20.3	28	—	16	—	41	—	0	6	—	0	0	105	—
131	MATRÛH	1014.2	NE	2	20.6	80	0	6	1013.4	-0.8	E	1	15.0	24	0	12	-2	96	+25	0	6	—	4	0	182	157
150	DIKHEILA														—		—									
132	ALEXANDRIA	1014.0	NE	4	22.9	66	0	9	1013.0	-1.1	NW	2	18.8	20	-1	16	0	87	+17	0	9	—	0	0	167	189
159	DAMIETTA								1011.4	—	NNW	1	24.2	26	—	16	—	68	—	6	6	—	0	0	75	114
134	PORT SAÏD	1014.4	NE	4	22.5	72	2	7	1012.4	-0.3	NW	3	21.4	24	0	17	0	77	+10	0	7	—	0	0	38	78
135	EL 'ARÎSH	1012.0	N	2	21.6	69	0	7	1011.1	—	—	0	22.7	22	—	16	—	63	—	0	7	—	0	0	—	—
136	LOWER EGYPT: DAMANHÛR								1013.4	-0.7	NNW	2	21.0	28	0	11	-1	74	+10	0	6	—	4	0	78	109
137	MANSÛRA								1013.0	—	NNE	1	19.9	24	0	15	+2	80	+15	0	8	—	4	0	45	54
138	TANTA								1013.0	-1.6	NW	2	18.0	31	0	10	-4	80	+18	0	7	—	0	0	54	45
139	ZAGÂZÎG	1012.2	NNE	3	28.6	29	0	8	1012.7	—	NNW	1	19.7	29	-1	14	+1	75	+10	0	8	—	1	0	20	26
141	MIDDLE EGYPT: CAIRO ALMÂZA	1012.0	NE	4	27.3	33	0	8	1013.4	—	NNE	3	16.0	29	—	11	—	89	—	8	3	—	4	0	—	—
	CAIRO EZBEKÎYA	1011.1	NE	3	29.8	30	0	8	1012.6	-0.6	NNE	1	16.2	32	+2	14	-1	95	+32	6	4	St	2	0	18	31
	CAIRO GÎZA	1010.6	NE	2	29.9	32	0	7	1012.4	-1.6	NNE	1	15.5	30	0	11	-1	98	+36	4	5	St	2	0	16	29
143	HELWÂN	1010.3	N	6	30.9	14	0	7	1012.6	-0.9	NW	4	17.1	31	+1	14	-1	79	+29	0	5	—	0	0	17	34
144	SUEZ								1012.2	-1.3	NNW	3	20.0	30	0	16	-1	98	+29	8	5	St	4	0	13	25
153	UPPER EGYPT: FAIYÛM	1009.9	N	4	32.1	21	0	7	1012.4	-1.3	N	4	19.6	33	+1	14	0	70	+20	0	7	—	0	0	6	11
154	MINYA	1008.8	NNW	3	33.3	25	0	6	1011.6	-2.0	NNW	3	21.0	34	+2	15	+1	58	+1	0	8	—	0	0	16	—
155	ASYÛT	1008.7	W	3	32.2	18	0	8	1011.1	-1.9	WSW	3	20.8	36	+3	15	-1	53	+12	0	8	—	0	0	dr	5
156	QENA	1007.4	W	1	37.0	16	0	9	1009.1	-3.4	WNW	1	26.4	38	+1	20	+2	33	-5	0	8	—	0	0	dr	—
157	LUXOR	1006.4	WNW	1	38.1	17	0	8	1008.8	—	SE	1	29.3	40	—	17	—	33	—	0	8	—	0	0	dr	—
158	ASWÂN	1004.6	N	1	38.0	19	0	8	1008.3	-3.4	N	2	28.0	39	+1	21	+1	23	-6	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1013.1	SE	1	30.1	32	0	6	1013.4	-1.2	—	0	21.9	33	+2	13	0	34	-22	0	6	—	0	0	29	7
149	BAHARÎYA	1010.3	NNE	2	33.1	24	0	9	1013.8		N	1	20.2	34	—	14	—	57	—	0	9	—	0	0	26	—
151	KHÂRGA	1008.4	NNE	3	33.9	25	0	7	1010.7	-1.9	N	2	26.8	35	-1	20	+3	44	+3	0	9	—	0	0	0	0
152	DÂKHLA	1009.8	NNW	3	32.8	—	0	8	1012.3	-0.8	WNW	2	25.3	34	-2	17	+1	25	-11	0	7	—	0	0	dr	—
145	RED SEA: TÔR								1008.2	-3.9	NW	5	22.0	27	-2	20	+3	82	+15	0	6	—	0	0	14	14
146	HURGHÂDA								1009.0	-2.9	NNW	5	24.0	31	+1	20	+3	51	+5	0	6	—	1	0	dr	0
147	QUSEIR								1008.8	-3.1	NNW	3	26.3	30	+1	21	0	46	+4	0	7	—	0	0	1	7
169	PORT SUDAN	1005.8	E	3	30.5	—	1	—	1007.6	-2.8	SE	1	27.2	32	-1	24	+2	69	+18	2	—	—	0	0	42	108
165	NORTH SUDAN: WÂDI HALFA	1007.8	NNW	4	35.5	—	0	7	1010.0	-1.3	NW	1	23.3	36	-2	19	0	31	+8	0	8	—	0	—	—	—
166	KAREIMA	1003.7	NNW	1	40	—	0	8	1007.2	-2.7	NNW	3	28.0	41	0	21	-1	11	-6	0	8	—	0	0	1	1
167	'ATBARA	1094.5	SW	2	44.3	—	0	—	1005.3	-2.9	N	4	33.0	44	+4	27	+5	19	+5	0	—	—	0	0	5	3
168	KHARTÛM	1000.6	N	3	42.6	—	2	8	1006.3	-1.7	N	4	29.5	43	+2	25	+2	17	0	2	8	Ci,Ac	1	0	25	5
170	KASSALA	1097.0	ENE	3	43.8	—	0	8	1003.9	-3.4	SSE	5	32.0	44	+3	29	+5	38	+2	0	8	—	0	0	22	13
171	CENTRAL SUDAN: WAD MEDANI	1099.9	NW	1	43.0	—	2	—	1007.0	-0.6	NW	3	33.2	45	+3	26	+3	11	-8	0	—	—	0	0	58	15
173	DUEIM	1000.7	NW	4	41.2	—	0	—	1006.7	-1.6	NW	4	32.0	43	+2	23	+2	9	-13	0	—	—	0	0	35	14
	RENK																									
172	ROSEIRES	1078.7	WNW	2	40.6	—	0	—	1006.0	-1.9	SSW	3	31.4	42	+2	27	+5	44	+7	3	—	—	2	0	3	55
174	EL OBEID	1003.5	N	3	38.8	—	0	8	1008.5	-1.1	NNW	1	28.5	39	0	23	+2	29	-5	0	8	Ci	0	0	23	22
175	EL FÂSHER	—	WNW	2	39.0	—	0	—	—	—	NW	1	23.0	41	+3	14	-5	12	-10	0	—	—	0	0	0	8
176	S. SUDAN: MALAKÂL	—	S	2	38	—	3	8	—	—	W	3	28.9	38	0	26	+3	52	-5	3	8	Sc	1	0	108	118
177	WAU	1003.6	SW	3	37.0	—	2	—	1008.3	-0.7	SW	3	27.0	37	+1	25	+3	60	-10	2	—	—	1	0	235	232
178	JÛBA								1012.0	+1.3	SE	4	23.7	30	-5	20	-2	83	+5	4	8	Sc	1	dr	270	283
179	Geneina	—	S	1	37.3	—	1	8	—	—	NE	3	23.7	39	—	17	—	8	—	3	8	Cs	1	0	—	—
180	Gallabat	—	W	3	39.0	—	1	—	—	—	—															

Upper Wind Observations on 28th — أرصاد الرياح العليا يوم ٢٨

Dir. E. of N. / Kms. per hour

Height metres above M.S.L.	Halfa 06h.00m. Dir.	Kms	Kareima 05h.00m. Dir.	Kms	Khartum 05h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Geneina 06h.00m. Dir.	Kms	Juba 06h.00m. Dir.	Kms	Abukir 07h.00m. R.A.F. Dir.	Kms	Heliopolis 05h.30m. R.A.F. Dir.	Kms	Ramleh 07h.00m. R.A.F. Dir.	Kms	Amman 07h.00m. Dir.	Kms	Salum 27th 13h.00m. Dir.	Kms
200	10	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	330	14	50	19	180	11	—	—	170	2
500	0	42	0	50	350	50	190	35	—	—	260	16	—	—	230	45	350	11	20	26	170	19	—	—	—	
1000	0	37	0	37	350	56	200	43	0	45	260	24	—	—	280	55	0	14	30	27	150	29	150	24	130	17
1500	20	27	310	23	10	14	230	47	350	11	190	23	60	63	220	27	30	21	10	42	150	56	150	60	180	22
2000	350	11	230	13			160	10	160	5	280	31	80	45	210	43	2	13			160	40	150	47	170	16
3000	290	10							150	13	250	6	250	11	200	31	350	40			140	31	140	87		
4000													240	24												
5000																										
6000																										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	80	+12	17.4	+1.7
Ezbekiya	56	+4	17.1	0.0
Giza	56	+4	17.2	+0.7
Helwân	48	+8	15.6	+1.3

Giza Grass minimum on 28th 8.0 °C

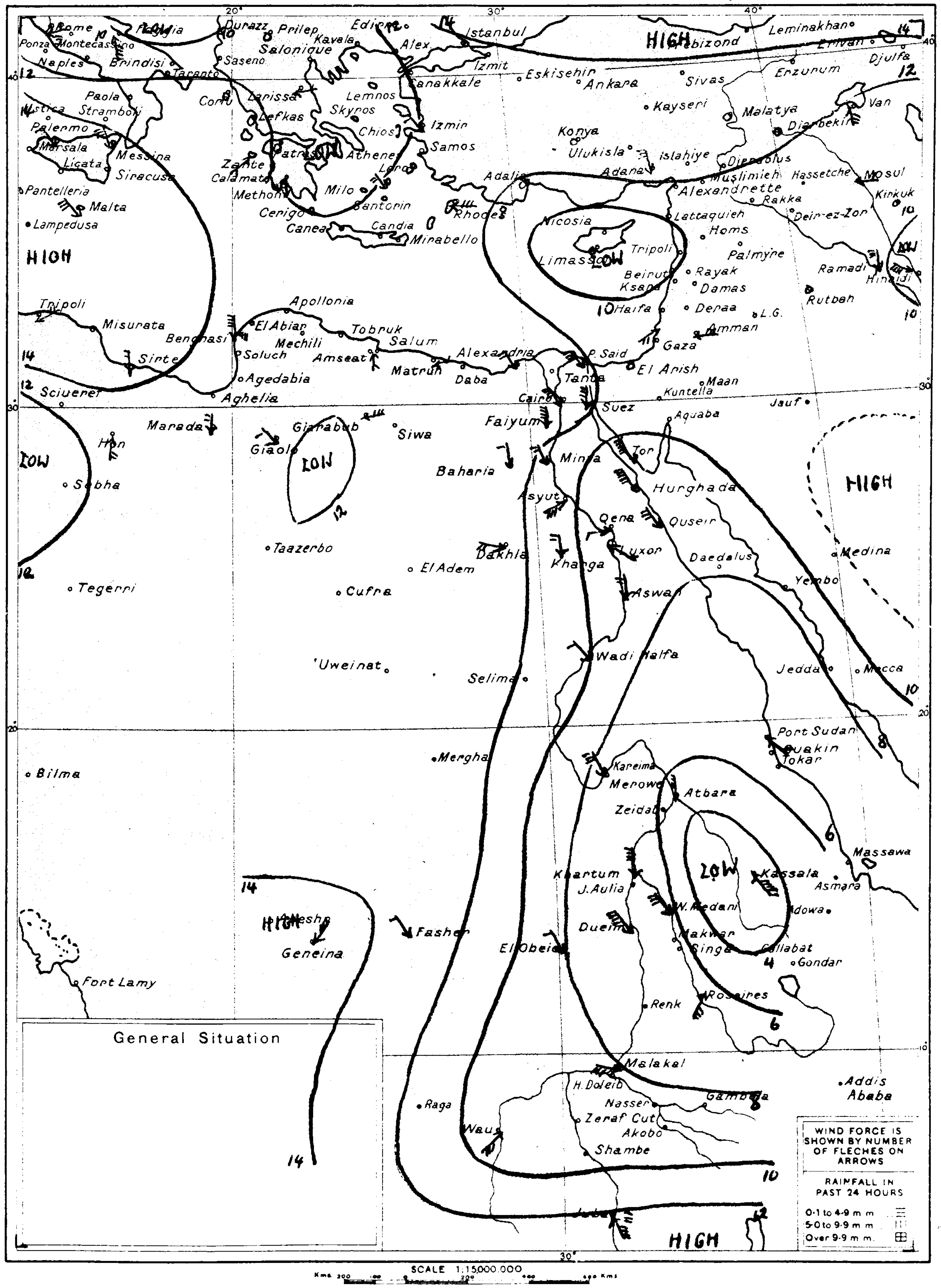
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
28.4	706	904
27.4	787	901

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26.4	13.34	-0.06	13.26	-0.13
Nâsser	28.4	5.19	-0.34	5.10	-0.40
Malakâl	28.4	9.89	-0.17	9.88	-0.19
Roseires	28.4	11.32	-0.08	11.34	-0.01
Sennâr Res.	28.4	14.90	—	15.04	—
Khartûm	28.4	9.86	-0.38	9.83	-0.40
Kh. el Girba	—	—	—	—	—
'Atbara	28.4	9.72	-0.26	9.74	-0.24
Kajnarti	28.4	131.56	-0.32	131.61	-0.26
Wâdi Halfa	—	—	—	—	—
Aswân Res.	28.4	116.45	—	116.52	—
D. S.	28.4	85.40	-0.21	85.40	-0.21
El Leisi	28.4	17.20	+0.42	17.28	+0.42
Rôda (Cairo)	28.4	15.75	+0.27	15.73	+0.25

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8 h. 28. 4. 37



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 27.4.37 — الساعة ٨ يوم ٢٧-٤-٣٧

Station	Bar. Reduced to M.S.L. mb	Diff. from normal mb	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.	مرصد
Limassol	1013	0	NW	2	22	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.8	+1.1	WNW	1	18.8	23	-3	15	+1	70	+10	0	—	—	—	0	361	639	حيفا
Gaza	1013.5	+1.2	—	0	20.9	24	-1	17	+4	75	+11	3	4	—	1	0	395	372	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise 05 h. 14 m.
sunset 18 h. 31 m.

Month April 1937 ١٩٣٧ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	Region	Station	At 14h. on 28th الساعة ١٤ يوم ٢٨ Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 29th الساعة ٨ يوم الخميس ٢٩ Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1011.8	SE	1	33.3	17	1	8	1011.8	-4.1	W	1	18.2	35	—	15	—	80	—	6	5	—	0	0	105	—
131	Mediterranean	MATRÛH	1011.8	ENE	2	24.6	40	0	6	1010.0	-4.2	WNW	2	23.7	25	+1	15	+1	34	-37	0	6	—	4	0	182	157
150	Mediterranean	DIKHEILA								1011.9	—	SW	1	22.1	22	—	13	—	56	—	0	9	—	0	0		
132	Mediterranean	ALEXANDRIA	1012.4	NE	3	23.2	67	0	9	1011.4	-2.7	—	0	20.8	25	0	16	0	60	-10	0	8	—	0	0	167	189
159	Mediterranean	DAMIETTA								1011.1	—	NW	1	24.0	28	—	18	—	66	—	6	7	—	0	0	75	114
134	Mediterranean	PORT SAÏD	1012.3	NE	3	24.2	66	0	6	1011.5	-1.1	NE	2	21.5	26	+2	18	+1	83	+16	0	7	..	0	0	38	79
135	Mediterranean	EL 'ARÎSH	1010.3	NNW	4	24.5	65	0	7	1011.0	—	WSW	1	22.7	25	—	17	—	70	—	0	7	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1011.5	-2.6	SSW	1	24.8	30	+1	14	+1	53	-11	0	6	—	0	0	78	109
137	Lower Egypt	MANSÛRA								1011.0	—	NE	1	21.9	32	+2	13	-1	64	-1	0	8	—	0	0	45	55
138	Lower Egypt	TANTA								1011.2	-3.4	—	0	24.0	32	+1	11	-3	55	-7	0	7	—	0	0	54	45
139	Lower Egypt	ZAGÂZÎG	1010.4	NE	2	31.6	24	0	8	1011.2	—	SW	1	23.3	32	+2	11	-2	48	-17	0	8	—	0	0	20	26
141	Middle Egypt, Cairo	ALMÂZA	1011.2	N	3	30.6	20	0	8	1012.3	—	ESE	1	23.3	32	—	12	—	51	—	0	8	—	0	0	—	—
	Middle Egypt, Cairo	EZBEKÎYA	1010.2	N	2	31.1	28	0	8	1011.1	-2.1	—	0	23.4	34	+4	15	0	56	-7	0	4	—	0	0	18	31
	Middle Egypt, Cairo	GÎZA	1009.9	N	2	30.7	28	0	7	1011.1	-2.8	—	0	21.6	32	+2	11	-1	69	+7	0	6	—	0	0	16	29
143	Middle Egypt	HELWÂN	1009.6	N	5	31.0	14	0	7	1011.5	-2.0	—	0	21.1	32	+2	15	-1	50	0	0	6	—	0	0	17	34
144	Middle Egypt	SUEZ								1011.5	-2.0	N	2	22.5	31	+1	16	-1	79	+10	—	6	—	0	0	13	25
153	Upper Egypt	FAIYÛM	1010.0	N	3	32.5	19	0	3	1011.8	-1.8	NNE	1	23.8	34	+2	14	0	41	-9	0	8	—	0	0	6	11
154	Upper Egypt	MINYA	1009.8	N	3	32.4	33	0	7	1011.9	-1.6	N	1	22.2	33	+1	17	+2	53	-4	0	9	—	0	0	16	—
155	Upper Egypt	ASYÛT	1008.3	NNW	3	34.8	19	0	8	1011.2	-1.7	NNW	3	24.0	36	+3	17	0	40	-1	0	8	—	0	0	dr	5
156	Upper Egypt	QENA	1006.7	WSW	1	39.0	17	0	9	1009.8	-2.6	WNW	1	28.2	40	+3	20	+2	32	-6	0	8	—	0	0	dr	—
157	Upper Egypt	LUXOR	1006.2	NNW	1	39.0	16	0	8	1009.1	—	NE	1	30.9	40	—	17	—	27	—	0	8	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1005.1	N	3	38.7	18	0	8	1008.2	-3.5	N	3	29.8	41	+3	22	+2	27	-2	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1011.9	--	0	33.7	34	0	6	1011.9	-2.6	—	0	24.2	39	+8	13	0	50	-6	0	6	—	0	0	29	7
149	Western Desert	BAHARÎYA	1010.4	N	2	34.2	17	0	9	1012.2	—	S	1	25.0	35	—	14	—	31	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1008.7	N	5	35.9	30	0	9	1010.8	-1.7	NE	1	25.6	37	+1	19	+2	52	+11	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1008.6	NNW	4	35.7	6	0	8																		
145	Red Sea	TÔR								1009.4	-2.7	NW	4	26.0	31	+2	18	+1	49	-18	0	6	—	0	0	14	14
146	Red Sea	HURGHÂDA								1009.4	-2.5	NNW	3	27.1	31	+1	20	+2	34	-12	0	5	—	0	0	dr	0
147	Red Sea	QUSEIR								1008.4	-3.4	NW	2	28.6	29	0	22	+1	36	-6	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN	1005.9	ENE	3	30.6	..	1	—	1007.1	-3.2	N	1	30.6	33	0	26	+4	71	+20	3	—	—	1	0	42	108
165	North Sudan	WÂDI HALFA	1007.7	NW	3	36.1	—	0	8	1010.3	-1.0	NNW	3	24.6	37	-1	20	+1	34	+11	0	8	—	0	—	—	
166	North Sudan	KAREIMA	1004.3	NNE	4	40	—	0	8	1007.2	-2.7	—	0	27.5	41	0	19	-3	13	-4	0	8	—	0	0	1	7
167	North Sudan	'ATBARA	1001.5	W	2	43.0	—	0	—	1006.0	-2.2	N	2	32.0	43	+2	24	+2	21	+7	0	—	—	0	0	5	3
168	North Sudan	KHARTÛM	1002.2	NNW	3	41.6	—	0	8	1007.8	-0.2	NW	2	29.1	42	+1	23	-1	24	+7	0	8	Ac	1	0	25	5
170	North Sudan	KASSALA	998.2	S	2	41.7	—	2	8	1004.8	-2.5	S	3	31.2	43	+2	26	+2	48	+12	0	8	—	0	dr	22	13
171	Central Sudan	WAD MEDANI	1000.2	N	2	42.0	..	3	—	1007.0	-0.6	S	4	32.9	43	+1	25	+2	40	+21	0	—	—	0	0	58	15
173	Central Sudan	DUEIM	1002.2	W	4	40.6	—	0	—	1007.2	-1.1	E	3	30.2	43	+2	22	0	55	+33	0	—	—	0	0	35	14
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES	1001.9	S	2	40.6	—	1	—	1006.4	-1.6	SSE	2	30.9	41	+1	24	+2	37	-7	0	—	—	1	0	3	56
174	Central Sudan	EL OBEID	1003.2	NW	1	38.5	—	0	8	1007.1	-2.5	NW	3	29.0	40	+1	19	-2	24	-11	0	8	—	0	0	23	22
175	Central Sudan	EL FÂSHER								—	—	NW	1	24.0	40	+2	13	-6	11	-11	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL	—	SE	4	34.9	—	3	8	—	—	ENE	2	28.8	36	-1	22	-1	58	+1	2	8	Ac	1	0	108	119
177	S. Sudan	WÂU	1002.6	SE	3	37.8	—	2	—	1006.3	-2.7	SSE	3	27.3	39	+3	24	+2	71	+1	3	—	—	2	8	243	234
178	S. Sudan	JÛBA	1006.0	S	2	33.2	—	4	8	1010.1	-0.7	SSE	4	24.7	35	0	21	-1	76	-2	2	8	Sc	9	14	284	288
179		Geneina								—	—	NE	3	20.7	40	—	17	—	14	—	0	8	—	0	0	—	—
180		Gallabat	—	W	3	36.5	—	0	—																		

Upper Wind Observations on 29.4.1937. ارصاد الرياح العليا يوم ٢٩-٤-١٩٣٧

Height metres above M.S.L.	Salûm 07h.00m. Dir. E.of N.	Kms per hour	Matruh 07h.00m. Dir.	Kms	Dikheila 07h.30m. Dir.	Kms	Almaza 07h.30m. Dir.	Kms	Cairo 08h.15m. Dir.	Kms	Helwan 08h.30m. Dir.	Kms	Asyût 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	Wadi Halfa 07h.00m. Dir.	Kms	Kareima 05h.00m. Dir.	Kms	Khartûm 06h.00m. Dir.	Kms	Kassala 06h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Juba 06h.00m. Dir.	Kms
200	290	8	220	42	180	8	10	12	80	5	30	23	—	—	—	—	10	27	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	250	36	260	12	20	22	20	19	10	33	0	33	0	46	20	47	10	56	70	34	170	31	—	—	130	16	280	11
1000	240	28	270	21			340	30	350	26	350	31	0	48	0	36	10	43	20	31	40	40	150	37	10	48	130	29	110	24
1500	280	49	270	18			350	33			350	36	350	43	200	30	10	43	10	18	70	48	180	45	20	21	160	27	220	32
2000	260	46	310	21			340	39			340	39					340	21	310	5	0	55	210	27	160	5	190	10	210	45
3000			300	42							340	51					260	14	270	13	280	18					20	19	200	53
4000																			250	29							30	27		
5000																			250	21										
6000																														

Forecast for 24 hours from noon on 29th

On the coast moderate winds chiefly westerly. Inland light to moderate variable winds, chiefly northeasterly
Mainly clear.
Remaining warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر
رياح معتدلة اكثرها غربية على السواحل
ورياح بين الخفيفة والمعتدلة مختلفة الاتجاه ولكن
اكثرها شمالية شرقية في الداخل
السماء صحو على العموم
يستمر الطقس حارا

Station	Mean of day: Humidity % on 28th	Diff. from normal	Wet Bulb Temp. °C on 28th	Diff. from normal
Alexandria	82	+14	18.0	+2.2
Ezbekiya	67	+15	17.3	+0.1
Gîza	67	+15	16.8	+0.2
Helwân	48	+8	15.4	+1.0

Gîza Grass minimum on 29th 7.2 °C

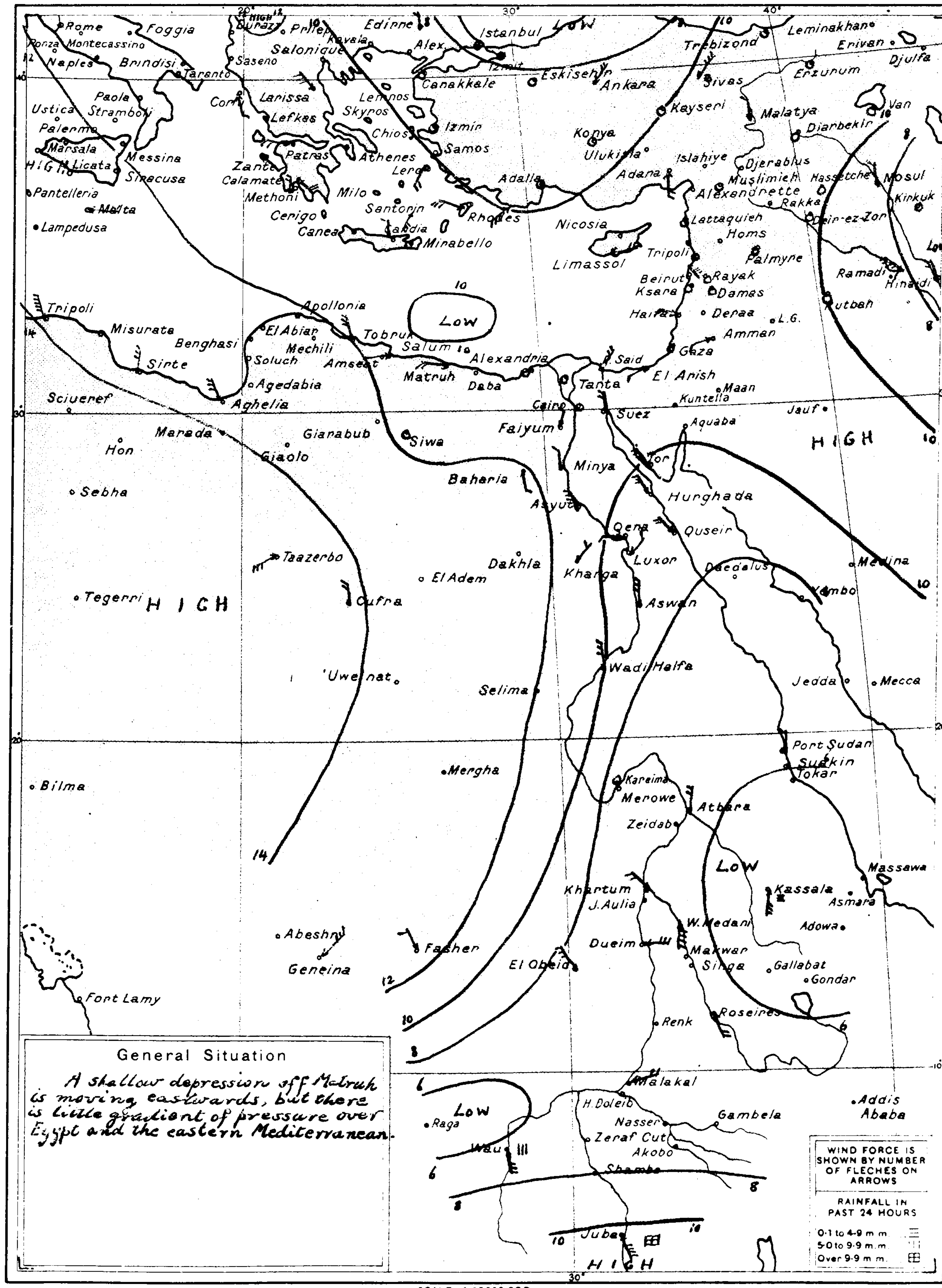
Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
29.4	788	903
28.4	786	904

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26.4	13.34	-0.6	13.26	-0.13
Nâsser	28.4	5.19	-0.34	5.10	-0.40
Malakâl	29.4	9.88	-0.17	9.89	-0.17
Roseires	29.4	11.29	-0.12	11.32	-0.08
Sennâr Res.	28.4	14.90	—	15.04	—
Khartûm	28.4	9.86	-0.38	9.83	-0.40
Kh. el Girba					
'Atbara	28.4	9.72	-0.26	9.74	-0.24
Kajnarti	28.4	131.56	-0.32	131.61	-0.26
Wâdi Halfa					
Aswan Res.	29.4	116.35	—	116.45	—
D. S.	29.4	85.40	-0.22	85.40	-0.21
El Leisi	29.4	17.28	+0.43	17.28	+0.42
Rôda (Cairo)	29.4	15.82	+0.35	15.75	+0.27

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧-٤-٢٩ Pressure and Wind at 8h. 29.4.1937.



General Situation

A shallow depression off Matruh is moving eastwards, but there is little gradient of pressure over Egypt and the eastern Mediterranean.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h. on 28.4.1937. الساعة ٨ يوم ٢٨-٤-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1009	-4	—	0	—	—	—	—	—	—	—	—	—	—	—	0	—	—	ليماسول
Haifa	1010.8	-0.9	WNW	1	22.7	25	-1	15	+1	66	+6	0	—	—	—	0	361	640	حيفا
Gaza	1011.6	-0.7	—	0	22.0	26	+1	17	+4	72	+8	0	9	—	0	0	395	372	غزة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise 05 h. 13 m.
sunset 18 h. 32 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month April 1937 ١٩٣٧ ابريل شهر ٢٧-٤-٣٠

1417 F.C.

Pressure and Wind at 8 h. 30-4-37

		STATION	At 14h. on 29th الساعة ١٤ يوم ٢٩ Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
130	MEDITERRANEAN	SALÜM	1012.8	NNE	4	20.8	67	1	7
131	MEDITERRANEAN	MATRÛH	1010.8	NNW	4	20.0	81	0	6
150	MEDITERRANEAN	DIKHEILA							
132	MEDITERRANEAN	ALEXANDRIA	1010.7	—	0	30.2	48	0	8
159	MEDITERRANEAN	DAMIETTA							
134	MEDITERRANEAN	PORT SAÏD	1010.0	NW	4	26.7	57	0	7
135	MEDITERRANEAN	EL 'ARÎSH	1009.3	NNW	3	24.0	67	0	7
136	LOWER EGYPT	DAMANHÛR							
137	LOWER EGYPT	MANSÛRA							
138	LOWER EGYPT	TANTA							
139	LOWER EGYPT	ZAGÂZIG	1009.4	NNW	2	33.6	23	0	8
141	MIDDLE EGYPT CAIRO	ALMÂZA	1010.7	N	3	34.3	18	0	7
	MIDDLE EGYPT CAIRO	EZBEKÎYA	1009.3	N	1	34.2	26	0	8
	MIDDLE EGYPT CAIRO	GÎZA	1008.3	NNW	2	34.1	27	0	7
143	MIDDLE EGYPT CAIRO	HELWÂN	1008.4	NW	4	32.9	16	6	7
144	MIDDLE EGYPT	SUEZ							
153	UPPER EGYPT	FAIYÛM	1009.4	NW	2	34.0	18	0	8
154	UPPER EGYPT	MINYA	1008.8	NNW	3	34.5	25	0	8
155	UPPER EGYPT	ASYÛT	1008.3	NNW	3	35.4	14	0	8
156	UPPER EGYPT	QENA	1006.2	NNW	4	39.0	13	0	9
157	UPPER EGYPT	LUXOR	1006.0	ENE	3	39.4	17	0	8
158	UPPER EGYPT	ASWÂN	1005.3	N	3	38.7	8	0	8
148	WESTERN DESERT	SÎWA	1016.2	—	0	39.4	21	0	6
149	WESTERN DESERT	BAHARÎYA	1009.5	NW	2	36.8	20	0	9
151	WESTERN DESERT	KHÂRGA	1007.6	N	2	37.0	39	0	9
152	WESTERN DESERT	DÂKHLA	1009.1	NNE	3	36.9	8	0	8
145	RED SEA	TÛR							
146	RED SEA	HURGHÂDA							
147	RED SEA	QUSEIR							
169	RED SEA	PORT SUDAN							
165	NORTH SUDAN	WÂDI HALFA							
166	NORTH SUDAN	KAREIMA							
167	NORTH SUDAN	'ATBARA							
168	NORTH SUDAN	KHARTÛM							
170	NORTH SUDAN	KASSALA							
171	CENTRAL SUDAN	WAD MEDANI							
173	CENTRAL SUDAN	DUEIM							
	CENTRAL SUDAN	RENK							
172	CENTRAL SUDAN	ROSEIRES							
174	CENTRAL SUDAN	EL OBEID							
175	CENTRAL SUDAN	EL FÂSHER							
176	S. SUDAN	MALAKÂL							
177	S. SUDAN	WÂU							
178	S. SUDAN	JÛBA							
179									
180									

	STATION	At 8h. on Friday 30th الساعة ٨ يوم الجمعة ٣٠/٤/٣٧ BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÜM	1014.4	-1.4	ENE	1	19.3	26	—	15	—	81	—	3	5	Sc	2	0	105	—
131	MATRÛH	1013.9	-0.3	—	0	18.6	26	+2	16	+2	88	+17	4	6	Sc	2	0	182	157
150	DIKHEILA							—		—		—							—
132	ALEXANDRIA	1014.2	+0.2	NE	2	20.8	32	+7	18	+2	86	+16	4	8	Ac	2	0	167	189
159	DAMIETTA	1013.3	—	NNW	2	25.8	32	—	15	—	63	—	3	7	Ac	1	0	75	114
134	PORT SAÏD	1012.8	+0.2	NW	4	22.8	28	+3	17	0	78	+11	0	7	—	0	0	38	79
135	EL 'ARÎSH	1012.3	—	—	0	25.0	25	—	14	—	53	—	0	7	—	0	0	—	—
136	DAMANHÛR	1014.4	+0.3	NE	2	24.0	35	+6	16	+3	46	-18	3	8	Ci	1	0	78	109
137	MANSÛRA	1012.8	—	N	1	23.1	35	+5	16	+2	53	-11	1	7	Cs	1	0	45	55
138	TANTA	1014.2	-0.3	—	0	22.0	35	+4	12	-2	50	-12	2	7	Ci	1	0	54	46
139	ZAGÂZIG	1013.4	—	NNW	1	22.4	34	+4	11	-2	56	-8	0	7	Ci	1	0	20	26
141	ALMÂZA	1013.4	—	NNW	1	19.4	35	—	14	—	79	—	1	7	Ci	1	0	—	—
	EZBEKÎYA	1012.8	-0.3	N	2	22.0	35	+5	17	+2	74	+12	3	—	Cs	1	0	18	31
	GÎZA	1012.4	-1.5	N	2	20.2	35	+5	16	+4	83	+22	1	6	Cs	1	0	16	29
143	HELWÂN	1012.8	-0.7	NW	1	21.1	34	+4	17	+1	50	0	0	5	—	0	0	17	34
144	SUEZ	1012.0	-1.4	N	2	23.0	34	+4	18	+1	84	+15	8	6	—	4	0	13	25
153	FAIYÛM	1012.8	-0.8	NNW	2	23.5	36	+4	17	+3	48	-2	0	8	—	0	0	6	11
154	MINYA	1011.8	-1.7	NNW	1	25.7	36	+4	18	+3	45	-12	0	8	—	0	0	16	—
155	ASYÛT	1011.6	-1.3	W	3	26.0	37	+4	20	+3	36	-5	0	8	—	0	0	dr	5
156	QENA	1010.3	-2.1	NW	1	29.1	39	+2	21	+3	32	-6	0	7	—	0	0	dr	—
157	LUXOR	1009.8	—	ESE	1	30.0	39	—	19	—	28	—	0	8	—	0	0	dr	—
158	ASWÂN	1009.3	-2.3	N	2	28.0	40	+2	23	+3	20	-9	0	8	—	0	0	1	—
148	SÎWA	1013.4	-1.1	—	0	24.2	41	+10	13	-1	24	-32	0	6	—	0	0	29	7
149	BAHARÎYA	1013.1	—	N	2	26.2	37	—	16	—	31	—	0	9	—	0	0	26	—
151	KHÂRGA	1011.0	-1.5	NW	2	30.2	37	+1	19	+2	45	+5	0	9	—	0	0	0	0
152	DÂKHLA	1011.9	-1.1	—	0	28.7	39	+3	17	+1	21	-15	0	7	—	0	0	dr	—
145	TÛR	1009.6	-2.4	NW	4	25.0	32	+3	22	+4	65	-3	0	6	—	0	0	14	14
146	HURGHÂDA	1010.3	-1.5	NNW	3	29.2	33	+3	21	+3	42	-4	0	6	—	0	0	dr	0
147	QUSEIR	1009.1	-2.7	NNW	2	29.5	32	+3	23	+2	50	+8	0	7	—	0	0	1	7
169	PORT SUDAN	1008.0	-2.2	N	1	31.0	33	0	26	+4	59	+9	0	—	—	0	0	42	108
165	WÂDI HALFA	1010.2	-1.0	N	2	25.5	37	-1	21	+2	30	+7	0	8	—	0	—	—	—
166	KAREIMA	1007.6	-2.2	—	0	29.9	41	0	22	0	17	0	0	8	—	0	0	1	1
167	'ATBARA	1005.9	-2.3	ENE	4	33.0	42	+1	25	+3	16	+2	0	—	—	0	0	5	3
168	KHARTÛM	1006.1	-1.9	N	4	30.0	42	+1	23	-1	16	-1	0	8	—	0	0	25	5
170	KASSALA	1003.0	-4.3	SSE	3	34.6	41	0	29	+5	32	-4	0	8	—	0	0	22	13
171	WAD MEDANI	1005.9	-1.7	N	3	32.9	42	0	24	+1	18	-1	0	—	—	0	0	58	15
173	DUEIM	1005.3	-3.0	W	3	32.0	43	+2	21	-1	3	-20	0	—	—	0	0	35	14
	RENK							—		—									
172	ROSEIRES	1003.6	-4.4	WSW	2	34.7	42	+2	23	0	17	-21	0	—	—	0	0	3	56
174	EL OBEID	1006.4	-3.2	NW	3	29.0	40	+1	21	0	24	-11	0	8	—	0	0	23	22
175	EL FÂSHER	—	—	NNW	1	22.0	41	+3	14	-5	12	-11	0	—	—	0	0	0	8
176	MALAKÂL	—	—	SW	2	29.3	40	+3	25	+2	58	0	2	8	Ac	1	0	108	119
177	WÂU	1007.9	-1.1	S	3	29.0	37	+1	25	+3	73	+2	2	—	—	1	0	243	236
178	JÛBA	1009.0	-1.8	SSW	4	24.7	36	+1	22	0	84	+6	3	7	Sc	9	20	304	292
179		—	—	NE	3	24.6	40	—	15	—	16	—	2	8	Ci	0	0	—	—
180																			

Upper Wind Observations on 30th ارصاد الرياح العليا يوم ٣٠/٤/٣٧

Height above M.S.L.	Almaza 07 h. 45 m. Dir E. of N.	Kms per hour	Wadi Halfa 06 h. 00 m. Dir E. of N.	Kms per hour	Kareima 05 h. 00 m. Dir E. of N.	Kms per hour	Khartum 05 h. 00 m. Dir E. of N.	Kms per hour	Kassala 07 h. 00 m. Dir E. of N.	Kms per hour	El Obeid 06 h. 00 m. Dir E. of N.	Kms per hour	Malakal 06 h. 00 m. Dir E. of N.	Kms per hour	Juba 06 h. 00 m. Dir E. of N.	Kms per hour	Geneina 07 h. 00 m. Dir E. of N.	Kms per hour	Salum 13 h. 00 m. Dir E. of N.	Kms per hour	Ismailia 07 h. 00 m. Dir E. of N.	Kms per hour	Abu Kir 07 h. 00 m. Dir E. of N.	Kms per hour	Heliopolis 07 h. 00 m. Dir E. of N.	Kms per hour	Ramleh 07 h. 00 m. Dir E. of N.	Kms per hour	h. m. Dir E. of N.	Kms per hour
metres																														
200	340	4	30	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	18	320	8	20	24	30	8	20	24		
500	20	12	50	48	40	55	340	45	—	—	—	—	210	24	290	32	—	—	—	—	10	11	10	27	20	14	10	27		
1000	0	26	40	69	40	69	350	53	150	16	0	51	200	34	310	27	—	—	300	14	0	16	350	34	10	19	350	34		
1500	350	32	30	48	30	24	330	31	130	14	20	19	220	19	120	3	60	55	280	60	340	39	330	35	350	34	330	35		
2000			20	71	70	27	330	14	130	8	150	6	230	3	210	23	80	40	260	50	330	47			0	58				
3000					50	21			110	8	290	8			180	29	140	14			330	47			330	71				
4000					20	13					220	11			140	37	250	18			330	74								
5000																														
6000																														

Forecast for 24 hours from noon on

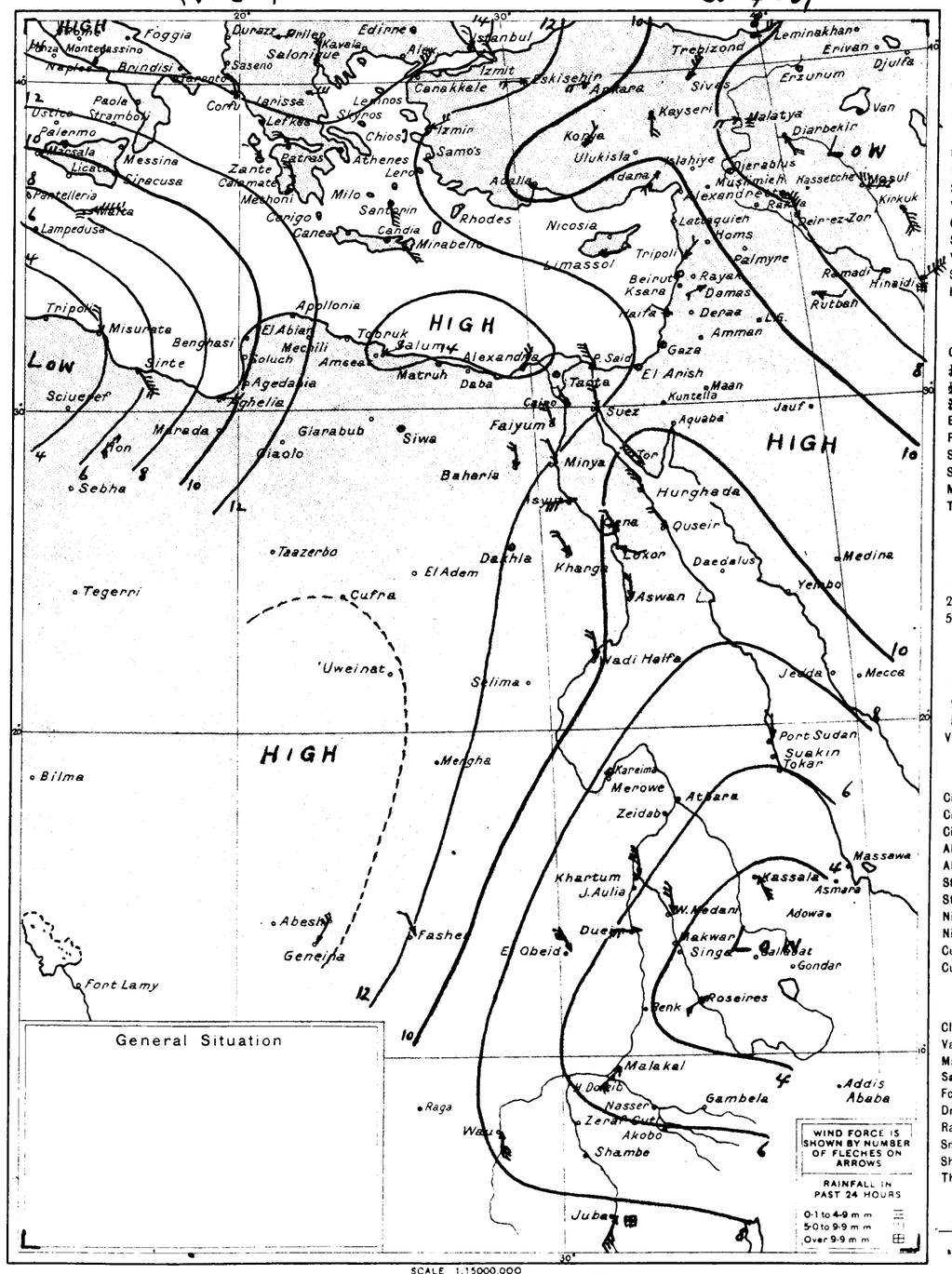
تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

STATION	Mean of day HUMIDITY % on 29th	Diff from normal	WET BULB TEMP. °C on 29th	Diff from normal
Alexandria	53	-15	18.6	+2.8
Ezbekiya	46	-6	19.3	+2.0
Giza	52	0	19.3	+2.6
Helwân	32	-8	16.6	+2.2
Giza Grass minimum on			30th	11.6 °C

Discharges at Aswân measured by sluices m³ per sec.

DATE	1937	1936
30.4	787	903
29.4	788	903

GAUGE	Date 1937	Previous day Reading m	Diff. from normal m	Reading m	Diff. from normal m
Juba	29.4	13.46	+0.03	14.02	+0.60
Nasser	29.4	5.22	-0.34	5.19	-0.34
Malakâl	30.4	9.90	-0.15	9.88	-0.17
Roseires	30.4	11.28	-0.14	11.29	-0.12
Sennâr Res.	30.4	14.66	—	14.79	—
Khartûm	30.4	9.94	-0.31	9.82	-0.43
Kh. el Girba					
Atbara	30.4	9.65	-0.33	9.70	-0.28
Kajnarti	30.4	131.54	-0.34	131.53	-0.35
Wadi Halfa					
Aswân Res.	30.4	116.29	—	116.35	—
D.S.	30.4	85.40	-0.22	85.40	-0.22
El Leisi	30.4	17.26	+0.41	17.28	+0.43
Rôda (Cairo)	30.4	15.75	+0.28	15.82	+0.32



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29-4-37.

STATION	At 8h. on BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	Force	TEMPERATURE Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1009	-4	E	2	25	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.8	+1.2	WNW	1	20.2	25	-1	15	+1	74	+14	0	—	—	—	0	361	640	حيفا
Gaza	1011.0	-1.2	—	0	22.2	27	+2	16	+3	76	+12	0	—	—	0	0	395	372	غزة
Dakhla	1012.3	-0.7	WNW	1	25.1	36	0	17	+1	17	-19	0	7	—	0	0	dr	—	الداخلة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LOCAL SUN'S AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION

Inland Post	P.T. 100
Abroad	P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO
Time of sunrise 05 h. 12 m.
sunset 18 h. 32 m.

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

DAILY WEATHER REPORT

Month May, 1937 — ١٩٣٧ شهر مايو

At 14h. on 30th — الساعة ١٤ يوم ٣٠ | At 8h. on Saturday 1st — الساعة ٨ يوم السبت أول

No.	Region	Station	14h Bar. Pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1012.8	SSE	1	29.7	37	3	7	1006.0	-9.7	SSW	6	28.2	31	—	19	—	36	—	7	3	Ci	3	0	105	—
131	Mediterranean	MATRÛH	1012.8	E	3	26.3	23	4	6	1008.7	-5.4	E	3	26.2	32	+8	19	+5	34	-38	4	6	Sc	2	0	182	157
450	Mediterranean	DIKHEILA	1013.9	N	2	23.0	79	4	9	1011.5	—	SSE	4	25.0	25	—	16	—	36	—	2	8	Ci	0	0	—	—
132	Mediterranean	ALEXANDRIA	1012.9	NE	1	26.5	52	6	8	1011.9	-2.1	SE	5	22.4	28	+3	18	+2	39	-31	3	7	—	0	0	167	189
159	Mediterranean	DAMIETTA								1013.1	—	ESE	2	24.9	30	—	18	—	62	—	2	6	Cc	1	0	75	114
134	Mediterranean	PORT SAÏD	1013.6	NE	4	26.2	51	0	7	1013.3	+0.7	NE	3	24.2	27	+2	19	+2	50	-17	0	7	—	0	0	38	79
135	Mediterranean	EL ʿARÎSH	1012.0	NNW	3	24.2	47	0	7	1013.4	—	—	0	26.2	25	—	14	—	37	—	0	7	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1012.6	-1.5	ESE	2	25.0	33	+4	17	+4	28	-36	0	7	—	0	0	78	109
137	Lower Egypt	MANSÛRA								—	—	SE	1	24.8	34	+4	17	+3	34	-30	1	7	Cs	1	0	45	55
138	Lower Egypt	TANTA								1012.3	-2.2	SE	3	25.7	34	+3	16	+2	31	-31	0	7	—	0	0	54	46
139	Lower Egypt	ZAGÂZÎG	1012.3	WNW	2	33.4	20	0	8	1011.8	—	E	1	27.6	33	+3	16	+3	27	-37	0	8	Ci	0	0	20	26
141	Middle Egypt (Cairo)	ALMÂZA	1012.0	N	4	33.2	16	3	7	1012.2	—	ESE	4	31.6	34	—	17	—	18	—	1	7	Ci	1	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1011.2	N	3	34.4	25	3	8	1011.6	-1.5	—	0	28.3	35	+5	17	+2	28	-34	1	5	Cc	0	0	78	31
	Middle Egypt (Cairo)	GÎZA	1010.3	NNE	[illegible]	33.0	28	3	7	1011.6	-2.6	SW	1	24.8	34	+4	14	+2	48	-13	1	6	Cs	1	0	16	29
143	Middle Egypt	HELWÂN	1010.4	NNE	5	33.7	10	3	7	1011.8	-1.6	—	0	26.4	35	+5	20	+4	24	-26	1	5	Ci	0	0	17	34
144	Middle Egypt	SUEZ								1012.6	-0.7	W	1	22.5	34	+4	17	0	74	+5	—	5	—	0	0	13	25
153	Upper Egypt	FAIYÛM	1009.4	NNW	2	34.0	18	1	7	1012.3	-1.2	—	0	27.8	36	+4	17	+2	32	-18	0	6	Ci	0	0	6	11
154	Upper Egypt	MINYA	1009.9	NNE	3	36.3	22	1	7	1011.2	-2.2	NNW	1	25.2	37	+5	18	+3	48	-8	0	6	—	0	0	16	—
155	Upper Egypt	ASYÛT	1009.0	N	3	35.4	19	0	8	1011.2	-1.7	ESE	2	30.2	37	+4	21	+4	32	-9	0	8	—	0	0	dr	5
156	Upper Egypt	QENA	1007.6	NE	5	39.3	12	0	8	1010.6	-1.7	NW	1	29.0	40	+3	24	+6	27	-11	0	7	—	0	0	dr	—
157	Upper Egypt	LUXOR	1006.7	NNW	3	39.1	16	0	7	1010.4	—	WNW	1	30.2	40	—	19	—	31	—	0	8	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1005.1	N	4	39.6	13	0	8	1009.6	-1.9	NNW	1	28.0	41	+3	21	+1	21	-8	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1011.8	E	2	35.0	24	0	6	1009.0	-5.4	SE	1	27.8	37	+6	15	+1	36	-20	0	6	Ci	2	0	29	7
149	Western Desert	BAHARÎYA	1010.4	NNE	1	37.3	23	1	9	1011.9	—	SE	1	30.5	38	—	18	—	34	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1007.1	NW	1	39.6	38	0	9	1010.6	-1.8	NE	2	32.0	40	+4	23	+5	47	+7	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1008.0	ENE	4	39.9	12	0	8	1011.8	-1.1	—	0	28.6	40	+4	20	+4	27	-9	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1010.2	-1.7	NW	6	23.7	30	+1	22	+4	78	+10	0	6	—	0	0	14	14
146	Red Sea	HURGHÂDA								1010.8	-1.0	N	2	28.7	33	+2	24	+6	46	0	0	6	—	0	0	dr	0
147	Red Sea	QUSEIR								1009.9	-1.9	N	3	27.6	33	+3	24	+3	48	+6	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN								1008.4	-1.8	N	1	31.0	34	+1	21	-1	40	-10	0	—	—	0	0	42	108
165	North Sudan	WÂDI HALFA								1010.7	-0.5	N	2	24.9	39	+1	20	+1	34	+11	0	7	Ci	0	—	—	—
166	North Sudan	KAREIMA								1007.1	-2.7	ENE	3	29.3	42	+1	24	+2	9	-8	0	8	—	0	0	7	7
167	North Sudan	ʿATBARA								1006.6	-1.6	E	3	33.0	42	+1	22	0	18	+4	0	—	—	0	0	5	3
168	North Sudan	KHARTÛM								1005.9	-2.1	NE	2	30.7	43	+2	25	+1	17	-1	0	8	—	0	0	25	5
170	North Sudan	KASSALA								1003.2	-4.2	N	2	33.0	42	+1	27	+3	44	+8	0	8	—	0	0	22	13
171	Central Sudan	WAD MEDANI								—	—	N	3	32.2	43	+1	22	-1	30	+11	0	—	—	0	0	58	15
173	Central Sudan	DUEIM								1004.3	-4.0	NW	4	33.4	44	+3	23	+1	11	-12	0	—	—	0	0	35	14
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1004.6	-3.5	WNW	2	32.6	44	+4	22	-1	31	-8	0	—	—	0	0	3	57
174	Central Sudan	EL OBEID								1007.5	-2.1	NW	3	29.8	43	+4	21	0	21	-15	0	8	—	0	0	23	22
175	Central Sudan	EL FÂSHER								—	—	W	1	24.0	41	+3	16	-3	8	-15	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL								—	—	SW	4	29.3	39	+2	25	+2	58	-1	2	8	Ac	1	0	108	120
177	S. Sudan	WÂU								1008.6	-0.5	S	3	27.0	36	0	20	-2	73	+2	1	—	—	2	7	250	238
178	S. Sudan	JÛBA								1010.7	-0.2	S	5	28.3	35	0	20	-2	83	+5	4	8	Sc	9	22	326	295
179		Geneina								—	—	ENE	3	24.1	40	—	18	—	20	—	2	8	Ci	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 1.5.1937 — ارصاد الرياح العليا يوم ١-٥-١٩٣٧

Dir. E. of N. / Kms per hour

Height metres above M.S.L.	Salûm 07h.00m Dir.	Salûm Kms	Matruh 07h.00m Dir.	Matruh Kms	Dikheila 08h.00m Dir.	Dikheila Kms	Cairo 08h.00m Dir.	Cairo Kms	Helwan 08h.45m Dir.	Helwan Kms	Asyut 07h.00m Dir.	Asyut Kms	Aswan 07h.00m Dir.	Aswan Kms	Wadi Halfa 07h.00m Dir.	Wadi Halfa Kms	Karcima 05h.00m Dir.	Karcima Kms	Khartum 05h.00m Dir.	Khartum Kms	Kassala 07h.00m Dir.	Kassala Kms	El Obeid 06h.00m Dir.	El Obeid Kms	Malakal 06h.00m Dir.	Malakal Kms	Juba 06h.00m Dir.	Juba Kms	Geneina 07h.00m Dir.	Geneina Kms
200	180	36	150	63	140	60	—	—	120	6	—	—	—	—	40	26	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	180	36	170	99	150	42	90	24	110	24	60	31	20	13	70	34	70	53	20	58	0	8	—	—	260	23	290	58	—	—
1000			200	63	130	35	80	22	60	12	70	32	40	46	60	43	70	63	50	79	100	16	10	40	210	29	290	55	—	—
1500			220	66	180	30	50	29	60	32	70	20	40	48	50	35	50	47	40	114	60	24	20	56	230	47	300	24	80	40
2000					220	24	30	30	20	28	30	34	60	39	30	27	350	10	10	31	30	29	30	24	220	11	230	19	100	29
3000					280	33	350	40	350	35					40	23	310	14			60	24					190	42	110	18
4000																					30	29							270	10
5000																					60	14								
6000																														

Forecast for 24 hours from noon on 1st
On the coast fresh southerly winds, becoming strong. Inland light easterly winds, becoming fresh southerly.
High cloud later.
Khamsin conditions.
Remaining warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر
رياح شديدة نوعاً جنوبية تزداد قوة على الساحل
ورياح خفيفة شرقية تتحول الى الجنوب وتشتد فيما
بعد في الداخل
يظهر السحاب العالي ويصير الجو خماسينيا
ويستمر حارا.

Station	Mean of day: Humidity % on 30th	Humidity Diff from normal	Wet bulb temp. °c on 30th	Wet bulb Diff from normal
Alexandria	75	+7	19.0	+3.1
Ezbekiya	53	+1	19.3	+1.9
Giza	54	+2	18.9	+2.1
Helwan	31	-9	16.0	+1.6

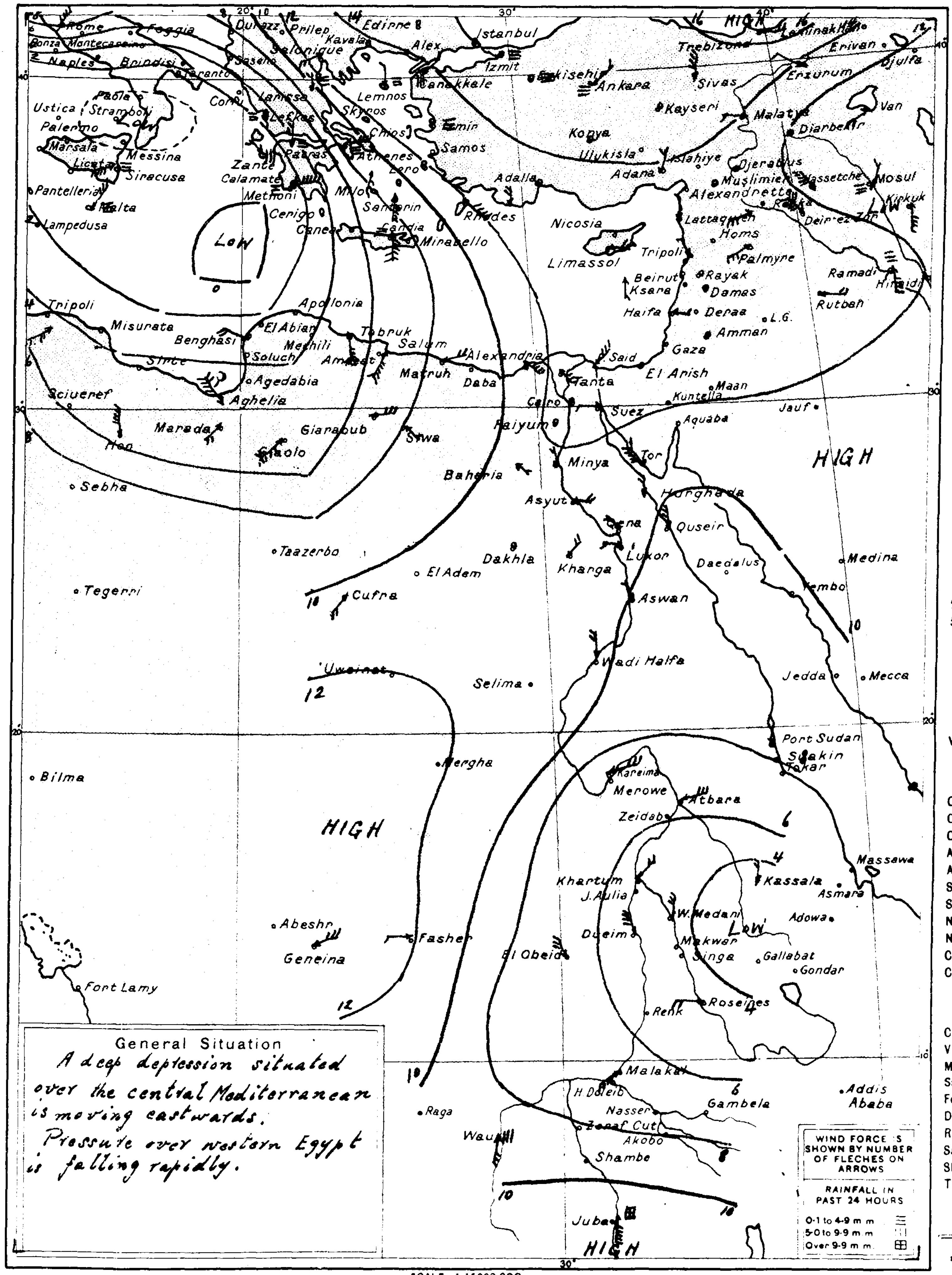
Giza Grass minimum on 1st 9.7 °c

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
1.5	812	1043
30.4	787	903

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1.5	13.81	+0.35	13.37	-0.08
Nâsser	29.4	5.22	-0.34	5.19	-0.34
Malakâl	1.5	9.90	-0.16	9.90	-0.15
Roseires	1.5	11.27	-0.15	11.28	-0.14
Sennâr Res.	30.4	14.26	—	14.79	—
Khartûm	30.4	9.94	-0.31	9.82	-0.43
Kh. el Girba					
ʿAtbara	1.5	9.68	-0.31	9.65	-0.33
Kajnarti	30.4	131.54	-0.34	131.53	-0.35
Wâdi Halfa					
Aswân Res.	1.5	116.24	—	116.29	
D. S.	1.5	85.44	-0.18	85.40	-0.22
El Leisi	1.5	17.26	[illegible]	[illegible]	[illegible]
Rôda (Cairo)	1.5	15.75	[illegible]	[illegible]	[illegible]

Pressure and Wind at 8h. 1-5-1937 — ١٩٣٧-٥-١



General Situation
A deep depression situated over the central Mediterranean is moving eastwards.
Pressure over western Egypt is falling rapidly.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 30-4-1937 — الساعة ٨ يوم ٣٠-٤-١٩٣٧

Station	Bar. Reduced to M.S.L. m.b	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm. °C	Min. To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff from norm. %	Present weather	Visibility	Cloud form	Past weather	Past 24 hours m	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1011	-2	E	1	23	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.4	+0.8	NNW	1	22.7	27	+1	16	+2	57	-3	0	—	—	—	0	361	641	حيفا
Gaza	1012.2	0.0	—	0	22.3	27	+2	15	+2	65	+1	0	9	—	0	0	395	373	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise 05 h. 11 m.
sunset 18 h. 33 m.

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

Month *May* 1937 ١٩٣٧ شهر مايو

DAILY WEATHER REPORT

No.	Region	Station	14h. on 1st: Bar. Pressure reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h. on Sunday 2nd: Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1004.6	SSW	6	40.3	9	7	2	1015.0	-0.6	NW	3	19.4	41	—	18	—	64	—	6	5	As	2	0	105	—
131		MATRÛH	1006.6	S	5	38.9	14	4	5	1014.6	+0.5	WNW	5	20.4	40	+16	19	+5	79	+7	4	5	Sc	2	0	182	157
150		DIKHEILA	1011.1	SE	3	38.7	18	4	—	1013.2	—	WNW	3	22.2	40	—	21	—	85	—	6	6	As	0	0	—	—
132		ALEXANDRIA	1010.6	SE	4	36.6	16	—	7	1012.2	-1.8	WNW	5	22.2	38	+13	21	+5	78	+8	3	7	Cs	1	0	167	189
159		DAMIETTA								1010.4	—	SSE	1	26.5	32	—	20	—	54	—	4	7	As	2	0	75	114
134		PORT SAÏD	1013.1	NE	4	27.3	56	0	7	1011.2	-1.4	SE	3	27.6	28	+3	21	+4	28	-39	0	6	—	0	0	38	79
135		EL 'ARÎSH	1012.4	NNE	3	28.2	33	0	7	1011.0	—	SSE	2	31.0	31	—	17	—	23	—	0	5	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1012.2	-1.7	W	4	28.7	38	+9	20	+7	30	-34	4	7	Ci	2	0	78	109
137		MANSÛRA								1010.7	—	SE	1	27.2	38	+8	18	+4	39	-25	1	7	Cs	1	0	45	55
38		TANTA								1010.7	-3.8	SW	3	31.0	38	+7	20	+6	34	-28	0	7	—	0	0	54	46
39		ZAGÂZÎG	1011.6	ENE	1	36.3	16	0	8	1011.1	—	SW	1	30.8	36	+6	20	+7	34	-30	0	8	—	0	0	20	26
141	Middle Egypt	CAIRO ALMÂZA	1010.8	NNW	2	38.2	17	0	7	1010.8	—	SSW	3	33.8	39	—	16	—	25	—	6	6	—	1	0	—	—
		CAIRO EZBEKÎYA	1010.6	NE	1	38.1	21	0	8	1010.6	-2.6	S	2	30.5	40	+10	22	+7	23	-39	6	5	—	0	0	18	31
		CAIRO GÎZA	1010.2	—	0	38.4	18	0	7	1010.7	-3.2	SSE	3	28.4	39	+9	18	+6	34	-27	0	6	—	0	0	16	29
143		HELWÂN	1010.3	W	2	38.0	12	6	6	1011.4	-2.0	SE	1	30.3	39	+8	26	+10	15	-35	6	6	Ci	0	0	17	34
144		SUEZ								1011.8	-1.4	S	2	26.0	36	+6	20	+3	73	+4	0	6	Ci	1	0	13	25
153	Upper Egypt	FAIYÛM	1010.7	ESE	2	38.5	18	0	7	1011.8	-1.7	—	0	30.1	40	+8	18	+3	25	-25	3	6	Ci	1	0	6	11
154		MINYA	1010.2	NE	2	38.4	13	0	7	1011.0	-2.3	ENE	1	27.3	39	+7	21	+6	32	-24	0	7	—	0	0	16	—
155		ASYÛT	1009.4	N	2	40.0	17	0	8	1012.2	-0.6	SE	2	31.7	41	+8	23	+6	34	-7	0	7	—	0	0	dr	5
156		QENA	1007.8	ENE	6	40.0	13	0	8	1011.4	-0.8	NNW	2	31.0	41	+4	24	+6	22	-16	0	8	—	0	0	dr	—
157		LUXOR	1007.9	NE	4	40.1	16	0	8	1011.5	—	WNW	1	31.1	41	—	20	—	26	—	0	8	—	0	0	dr	—
158		ASWÂN	1005.8	N	3	41.4	11	0	8	1010.2	-1.3	N	2	29.6	43	+5	22	+2	24	-5	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1004.2	WSW	1	42.8	22	0	6	1012.6	-1.8	E	4	25.1	44	+13	15	+1	21	-35	0	6	—	0	0	29	7
149		BAHARÎYA	1009.6	SSW	1	41.1	20	3	—	1011.6	—	—	0	33.1	42	—	22	—	30	—	0	7	—	0	0	26	—
151		KHÂRGA	1008.4	SE	1	40.8	—	0	9	1011.4	-1.0	N	2	33.0	41	+5	23	+5	49	+9	0	9	—	0	0	0	0
152		DÂKHLA	1008.6	ENE	2	41.9	12	0	8	1012.2	-0.7	—	0	28.7	43	+7	20	+4	28	-8	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1011.9	0.0	—	0	28.1	33	+3	18	0	44	-24	0	5	—	0	0	14	14
146		HURGHÂDA																									
147		QUSEIR								1011.2	-0.6	N	2	30.1	35	+5	24	+2	31	-11	0	7	—	0	0	1	7
169		PORT SUDAN								1009.6	-0.5	NW	2	30.7	38	+5	22	-1	58	+9	0	—	—	0	0	42	108
165	North Sudan	WÂDI HALFA								1011.5	+0.4	NNE	1	25.7	40	+2	21	+2	36	+13	0	8	—	0	—	—	—
166		KAREIMA								1008.1	-1.6	E	1	29.8	42	+8	23	+1	7	-10	0	8	—	0	0	1	1
167		'ATBARA																									
168		KHARTÛM								1007.1	-0.9	ENE	3	29.2	43	+2	23	-1	24	+6	0	8	—	0	0	25	5
170		KASSALA								1004.0	-3.4	NE	1	33.0	43	+2	26	+2	39	+3	0	8	—	0	0	22	13
171	Central Sudan	WAD MEDANI								1006.6	-1.0	—	—	—	44	+2	24	H	—	—	—	—	—	0	0	58	15
173		DUEIM								1007.1	-1.2	NE	3	32.8	44	+3	20	-2	13	-11	0	—	—	0	0	35	15
		RENK																									
172		ROSEIRES								1006.3	-1.8	WNW	2	31.9	42	+2	27	+4	38	-2	0	—	—	0	0	3	59
174		EL OBEID								1007.7	-1.9	W	2	30.0	43	+4	23	+2	25	-11	0	8	—	0	0	23	22
175		EL FÂSHER								—	—	WNW	1	24.0	41	+3	14	-5	8	-15	0	—	—	0	0	0	8
176	S. Sudan	MALAKÂL								—	—	SW	4	29.2	38	+1	25	+2	58	-1	0	8	Ac	0	0	108	123
177		WÂU								1008.2	-0.9	SW	3	27.8	35	-1	24	+2	68	-3	1	—	—	2	0	250	243
178		JÛBA								1012.9	+2.0	SSE	3	22.1	32	-3	20	-2	91	+13	4	8	Cb	9	6	332	298
179		Geneina								—	—	E	3	24.5	39	—	14	—	16	—	1	8	Ci	0	0	—	—
180		Gallabat								—																	

Upper Wind Observations on 2nd ارصاد الرياح العليا يوم ٢

Height metres above M.S.L.	Salum 07 h. 00 m. Dir. E. of N.	Kms per hour	Almaza 07 h. 30 m. Dir.	Kms	Cairo 08 h. 00 m. Dir.	Kms	Helwan 08 h. 30 m. Dir.	Kms	Asyut 07 h. 00 m. Dir.	Kms	Aswan 07 h. 00 m. Dir.	Kms	W. Halfa 06 h. 00 m. Dir.	Kms	Kareima 05 h. 00 m. Dir.	Kms	Khartum 05 h. 00 m. Dir.	Kms	Kassala 06 h. 00 m. Dir.	Kms	Malakal 05 h. 00 m. Dir.	Kms	Juba 06 h. 00 m. Dir.	Kms	Geneina 07 h. 00 m. Dir.	Kms	Ismailia R.A.F. 07 h. 00 m. Dir.	Kms	Abukir R.A.F. 07 h. 00 m. Dir.	Kms
200	300	13	170	28	180	33	170	11	—	—	—	—	30	31	—	—	—	—	—	—	—	—	—	—	—	—	170	29	240	34
500	—	—	170	31	180	38	160	30	90	22	50	36	50	50	70	34	30	64	90	14	20	5	310	26	—	—	150	24	200	56
1000	320	58	220	18	230	32	200	22	60	23	50	50	40	92	70	34	30	106	90	24			300	24	—	—	150	21	220	58
1500			260	18	260	21	230	28	60	20	60	45	0	32	50	34	80	27	20	34			200	21	80	43	250	18	250	48
2000			260	21	300	25	270	22	80	20			70	14	50	45	20	27	350	24			170	29	80	37	270	21		
3000			320	36	290	25	310	24							60	27			270	2			190	27	150	14	300	37		
4000															30	18											310	51		
5000																														
6000																														

Forecast for 24 hours from noon on 2nd

On the coast moderate to fresh west to north winds.

Inland moderate southerly winds, veering to fresh west or northwest.

Khamsin conditions breaking during the day.

Some medium cloud later.

Much cooler tomorrow, but temperature above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢

رياح بين المعتدلة والشديدة غربية وشمالية غربية على السواحل

ورياح معتدلة جنوبية ثم تتحول الى غربية او شمالية غربية

وتشتد نوعا في الداخل

ينتهي الخماسين اثناء اليوم

يظهر بعض سحاب المتوسط الارتفاع فيما بعد

تهبط درجة الحرارة كثيرا باكر ولكنها ستكون فوق المعدل

Station	Mean of day: Humidity % on 1st	Diff. from normal	Wet bulb temp. °C on 1st	Diff. from normal
Alexandria	44	-25	19.6	+3.6
Ezbekiya	28	-25	19.1	+1.6
Giza	37	-15	19.5	+2.6
Helwân	13	-27	17.1	+2.7

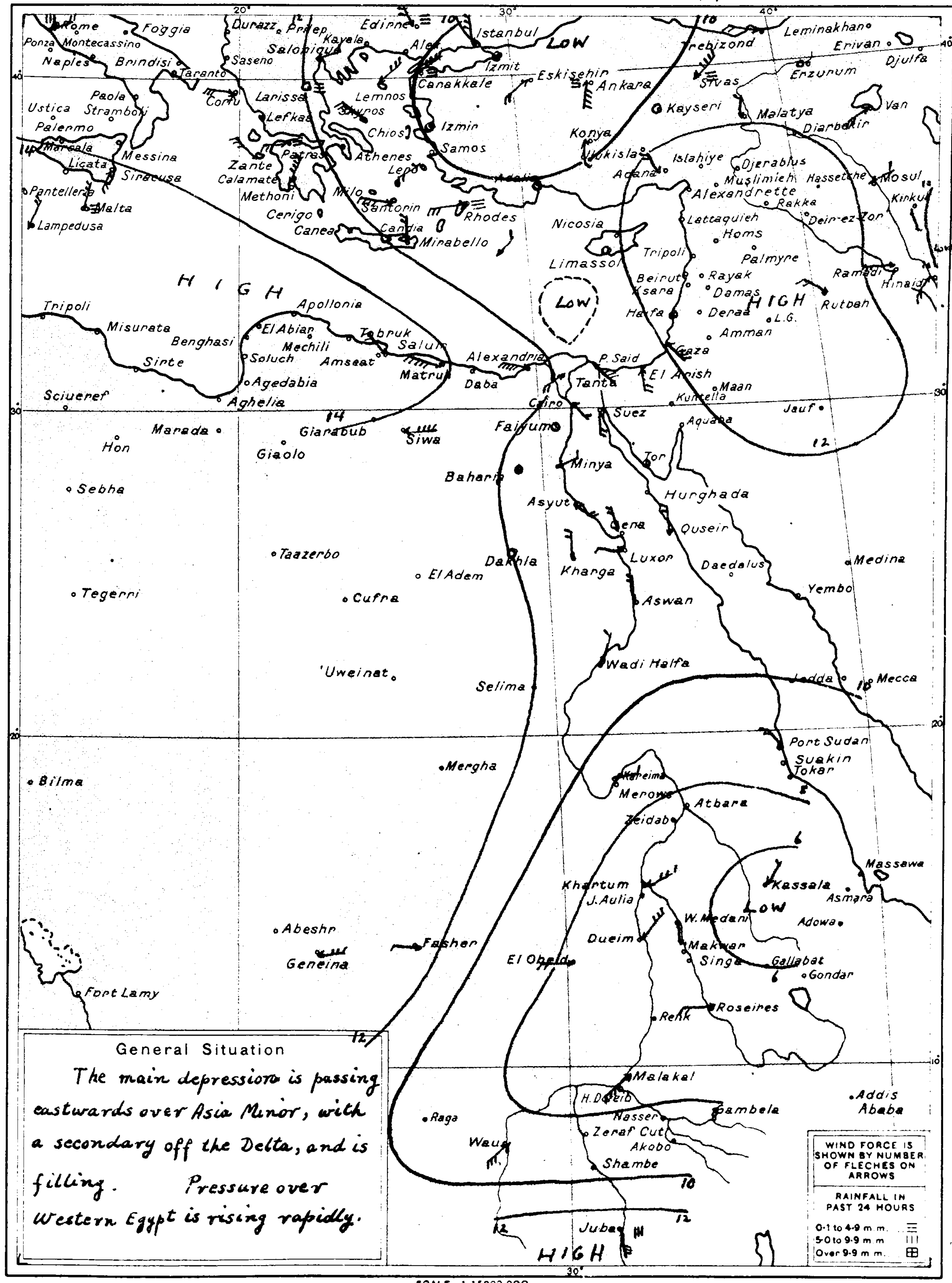
Giza Grass minimum on 2nd 14.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
2.5	808	1041
1.5	812	1043

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2.5	14.83	+1.36	13.81	+0.35
Nâsser	1.5	5.26	-0.36	5.25	-0.34
Malakâl	2.5	9.91	-0.16	9.90	-0.16
Roseires	2.5	11.30	-0.13	11.27	-0.15
Sennâr Res.	1.5	14.53	—	14.66	—
Khartûm	1.5	9.94	-0.32	9.94	-0.31
Kh. el Girba					
'Atbara	2.5	9.70	-0.29	9.68	-0.31
Kajnarti	1.5	131.58	-0.29	131.54	-0.34
Wâdi Halfa					
Aswân Res.	2.5	116.14	—	116.24	—
D. S.	2.5	85.45	-0.18	85.44	-0.18
El Leisi	2.5	17.26	+0.40	17.26	+0.41
Rôda (Cairo)	2.5	15.75	+0.27	15.75	+0.28

٢-٥-١٩٣٧ Pressure and Wind at 8h. 2.5.37



General Situation

The main depression is passing eastwards over Asia Minor, with a secondary off the Delta, and is filling. Pressure over Western Egypt is rising rapidly.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 1-5-1937 الساعة ٨ يوم ١-٥-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1012	-1	E	2	22	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.4	+2.9	ESE	1	23.4	28	+2	16	+1	62	+1	0	—	—	—	0	361	641	حيفا
Gaza	1013.8	+1.6	—	0	23.0	29	+4	14	+1	39	-25	0	9	—	0	0	395	373	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad .... P.T. 150

Printed by the Survey of Egypt, 1936 (36/520)

CAIRO
Time of sunrise h. m. 05 10
sunset h. m. 18 34

Month *May,* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	STATION	At 14h. on 2nd: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Monday 3rd: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1015.9	NE	4	19.8	74	1	6	1017.1	+1.6	E	1	17.3	34	—	16	—	87	—	4	7	Sc	2	0	105	—
131	MATRÛH	1014.8	WNW	4	19.6	89	4	6	1017.0	+2.9	NW	2	18.4	32	+8	17	+2	84	+12	4	6	Sc	2	0	182	157
150	DIKHEILA																									
132	ALEXANDRIA	1013.3	WNW	5	22.3	75	—	7	1016.2	+2.2	NNW	2	19.3	31	+6	17	+1	85	+15	0	8	—	0	0	167	189
159	DAMIETTA								1015.8	—	NW	1	23.0	37	—	16	—	74	—	0	7	—	0	0	75	114
134	PORT SAÏD	1010.6	NNW	3	31.0	43	0	6	1015.9	+3.4	NW	4	21.5	36	+11	18	+1	78	+11	1	7	As	1	0	38	79
135	EL 'ARÎSH	1009.6	N	2	36.0	29	0	6	1015.0	—	NNW	1	23.0	42	—	19	—	66	—	0	6	—	1	0	—	—
136	LOWER EGYPT: DAMANHÛR								1016.4	+2.3	WSW	2	21.2	34	+5	16	+3	74	+10	0	7	—	0	0	78	109
137	MANSÛRA								1015.8	—	NW	1	20.1	39	+9	16	+2	83	+19	1	7	Cs	4	0	45	55
138	TANTA																									
139	ZAGÂZÎG	1010.4	WSW	2	39.4	20	0	8	1016.4	—	NE	1	21.3	39	+9	17	+4	72	+8	0	8	—	0	0	20	26
141	MIDDLE EGYPT: CAIRO ALMÂZA	1010.4	W	4	41.8	21	2	6	1016.0	—	NE	2	20.2	43	—	17	—	77	—	1	7	Sc	2	0	—	—
	CAIRO EZBEKÎYA	1009.4	WSW	2	41.9	13	3	7	1015.6	+2.5	NE	2	21.5	43	+13	20	+5	70	+8	0	6	—	3	0	18	31
	CAIRO GÎZA	1008.8	—	0	43.3	16	1	7	1015.5	+1.6	NNE	2	20.0	44	+13	17	+4	77	+16	0	6	—	1	0	16	29
143	HELWÂN	1010.0	WSW	4	40.6	6	1	7	1015.6	+2.3	NW	3	22.4	42	+11	17	+1	52	+2	0	5	ci	0	0	17	34
144	SUEZ								—	—	NW	2	23.0	34	+4	18	+1	85	+16	0	6	—	0	0	13	25
153	UPPER EGYPT: FAIYÛM	1010.4	ESE	2	41.9	14	0	6	1015.5	+2.0	ENE	2	22.9	43	+10	18	+3	60	+10	1	5	ci	0	0	6	11
154	MINYA	1010.3	N	2	42.0	15	0	8	1014.3	+1.0	NNE	1	24.5	43	+10	21	+6	59	+3	0	7	—	0	0	16	—
155	ASYÛT	1009.9	WSW	2	43.4	16	0	8	1013.5	+0.7	WSW	3	26.2	44	+10	21	+4	47	+6	0	7	—	0	0	dr	5
156	QENA	1009.4	SW	1	41.9	16	0	9	1012.6	+0.5	NE	1	31.6	43	+6	22	+4	26	-12	0	8	—	0	0	dr	—
157	LUXOR	1008.7	NNW	1	42.4	24	0	8	1012.2	—	NE	1	31.2	44	—	20	—	32	—	0	8	—	0	0	dr	—
158	ASWÂN	1007.5	NNE	2	43.0	14	0	8	1011.8	+0.3	—	0	30.8	45	+7	22	+1	33	+4	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1013.8	NNE	2	36.8	65	1	6	1016.6	+2.2	—	0	21.4	38	+6	17	+3	72	+16	0	6	—	0	0	29	7
149	BAHARÎYA	1010.6	W	3	43.0	23	4	7	1015.4	—	NE	1	24.7	44	—	19	—	56	—	0	7	—	0	0	26	—
151	KHÂRGA	1009.3	ENE	1	42.0	—	0	9	1012.7	+0.4	N	3	32.0	43	+6	24	+6	48	+8	0	9	—	0	0	0	0
152	DÂKHLA	1009.3	NE	1	44.0	15	0	9	1013.5	+0.7	WNW	1	31.9	44	+7	23	+6	25	-11	0	7	—	0	0	dr	—
145	RED SEA: TÔR								1012.7	+0.9	NW	6	24.0	35	+5	22	+4	75	+7	0	5	—	0	0	14	14
146	HURGHÂDA								1013.0	+1.3	NNW	4	29.5	36	+5	23	+5	57	+11	0	4	—	4	0	dr	0
147	QUSEIR																									
169	PORT SUDAN	1006.6	NE	3	32.8	—	0	—	1011.9	+1.8	N	1	30.8	35	+2	24	+1	65	+16	0	—	—	0	0	42	108
165	NORTH SUDAN: WÂDI HALFA								1010.9	-0.2	N	2	29.0	40	+2	23	+4	29	+6	0	8	—	0	—	—	—
166	KAREIMA								1008.9	-0.8	—	0	31.0	43	+2	26	+4	13	-4	0	8	—	0	0	1	1
167	'ATBARA	1004.5	E	2	41.3	—	0	—	1009.0	+0.9	N	5	33.0	42	+1	25	+2	16	+2	0	—	—	0	0	5	3
168	KHARTÛM								1008.9	+0.9	ESE	3	30.6	43	+2	23	-1	24	+6	0	6	—	0	0	25	5
170	KASSALA								1007.0	-0.4	S	3	31.4	42	+1	24	0	37	+1	0	8	—	0	0	22	14
171	CENTRAL SUDAN: WAD MEDANI								1007.8	+0.2	NE	4	32.6	42	0	22	-1	31	+11	0	—	—	0	0	58	16
173	DUEIM	1006.3	NW	2	41.3	—	0	—	1008.3	-0.1	E	4	31.2	43	+2	23	+1	38	+14	0	—	—	0	0	35	15
182	RENK																									
172	ROSEIRES	1004.3	WNW	2	39.7	—	1	—	1006.8	-1.4	WNW	2	31.7	42	+3	25	+2	33	-7	0	—	—	0	0	3	60
174	EL OBEID								1007.7	-1.9	SE	4	30.8	42	+3	23	+2	22	-15	0	8	—	0	0	23	23
175	EL FÂSHER								—	—	WNW	1	23.0	43	+5	23	+3	25	+1	0	—	—	0	0	0	9
176	S. SUDAN: MALAKÂL										S	3	30.3	37	0	24	+1	47	-12	1	8	Ac	2	0	108	126
177	WÂU	1003.9	WNW	3	36.0	—	2	—	1008.6	-0.5	SSW	3	28.3	38	+2	22	0	59	-12	1	—	—	2	0	250	247
178	JÛBA								1012.0	+1.0	SE	4	23.9	30	-4	20	-2	75	-4	4	8	Sc	9	1	333	302
179	*Geneina*								—	—	E	1	19.6	40	—	15		18	—	0	8	—	0	0	—	—
180	*Gallabat*	—	N	3	38.6	—	0	—																		

الساعة ١٤ يوم ٢ — الساعة ٨ يوم الاثنين ٣

Upper Wind Observations on 3.5.1937.

أرصاد الرياح العليا يوم ٣-٥-١٩٣٧

Height metres above M.S.L.	Wadi Halfa 06h.00m. Dir. E.of N.	Kms per hour	Kareima 05h.00m. Dir. E.of N.	Kms per hour	Khartûm 05h.00m. Dir. E.of N.	Kms per hour	El Obeid 06h.00m. Dir. E.of N.	Kms per hour	Juba 06h.00m. Dir. E.of N.	Kms per hour	Geneina 07h.00m. Dir. E.of N.	Kms per hour	Salûm 2nd 13h.00m. Dir. E.of N.	Kms per hour
200	60	23	—	—	—	—	—	—	—	—	—	—	20	29
500	80	35	80	34	50	40	—	—	280	37	—	—	—	—
1000	90	37	90	51	60	53	140	37	250	42	—	—	320	35
1500	80	34	80	34	50	31	50	10	200	31	80	50	300	72
2000	60	43	60	37	30	13	50	27	190	51	80	68	entered	
3000			40	24					160	55			St	
4000			30	21										
5000														
6000														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day: Humidity % on 2nd	Diff from normal	Wet Bulb Temp. °C on 2nd	Diff from normal
Alexandria	84	+15	19.2	+3.1
Ezbekiya	33	-20	19.8	+2.2
Giza	42	-10	20.4	+3.4
Helwân	23	-17	17.7	+3.2

Giza Grass minimum on 3rd 13.5 °c

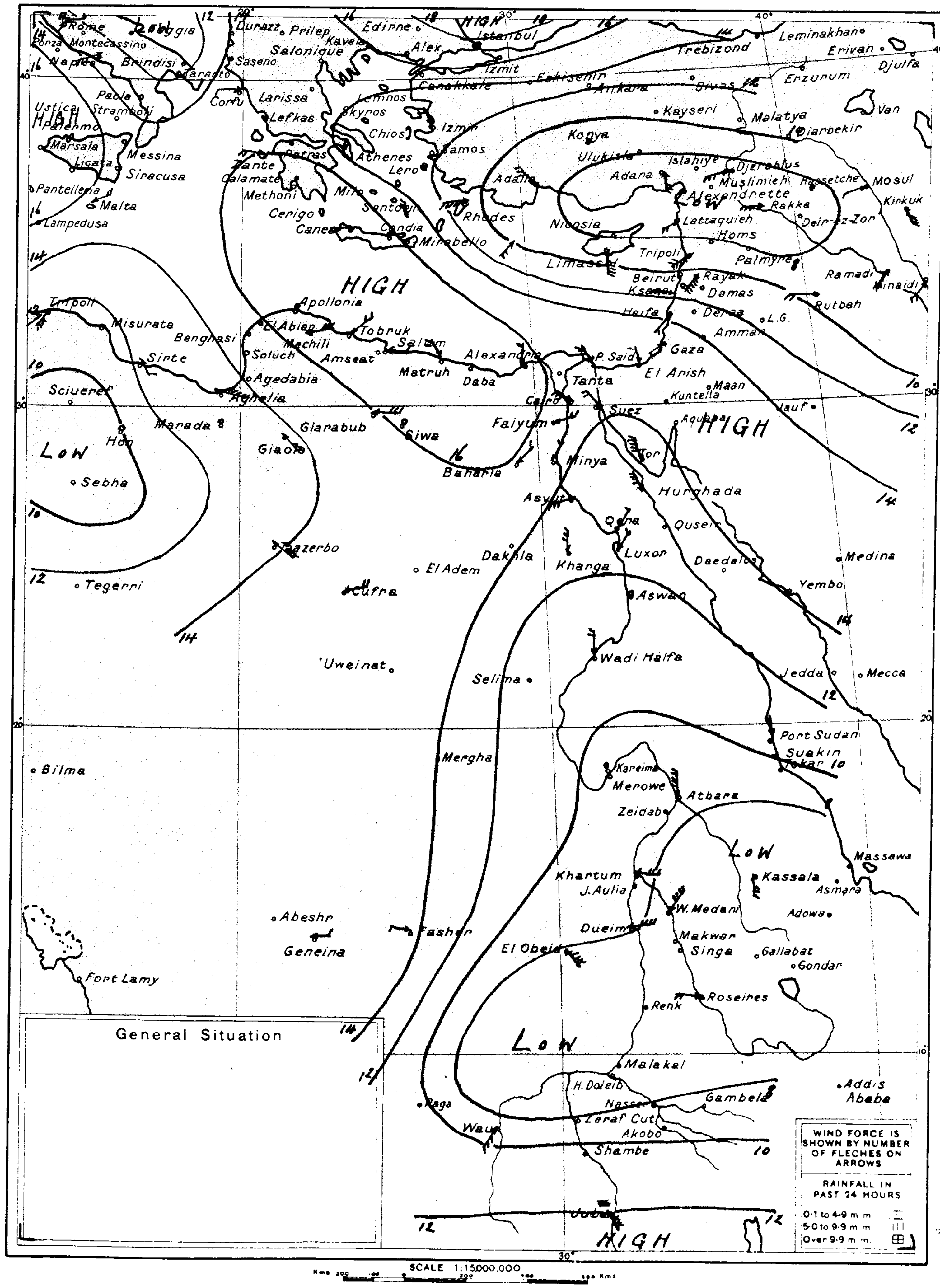
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
3.5	812	1042
2.5	808	1041

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3.5	13.68	+0.20	14.83	+1.36
Nâsser	2.5	5.35	-0.30	5.26	-0.36
Malakâl	3.5	9.90	-0.18	9.91	-0.16
Roseires	3.5	11.33	-0.10	11.30	-0.13
Sennâr Res.	3.5	13.94	—	14.35	—
Khartûm	3.5	9.90	-0.36	9.92	-0.34
Kn. el Girba					
Atbara	3.5	9.69	-0.31	9.70	-0.29
Kajnarti	3.5	131.66	-0.25	131.62	-0.24
Wâdi Halfa					
Aswân Res.	3.5	116.08	—	116.14	—
D. S.	3.5	85.45	-0.18	85.45	-0.18
El Leisi	3.5	17.26	+0.40	17.26	+0.40
Rôda (Cairo)	3.5	15.73	+0.24	15.75	+0.27

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧-٥-٣ Pressure and Wind at 8h. 3.5.37.



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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 2.5.1937. — الساعة ٨ يوم ٢-٥-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1011	-2	—	0	23	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.9	+0.5	—	0	29.2	30	+4	20	+5	76	+15	0	—	—	—	0	361	641	حيفا
Gaza	1012.3	+0.2	—	0	26.5	32	+7	19	+6	51	-13	0	9	—	0	0	395	373	غزة
Hurghada	1012.2	+0.5	N	2	33.2	35	+4	20	+2	25	-21	0	7	—	0	0	dr.	7	الغردقة

Remarks

ANNUAL SUBSCRIPTION
Inland Post . . P.T. 100
Abroad . . . . P.T. 150

CAIRO

Time of sunrise 05 h. 09 m.

sunset 18 h. 34 m.

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on *3rd* — الساعة ١٤ يوم ٣ | At 8 h. on *Tuesday 4th* — الساعة ٨ يوم الثلاثاء ٤

No.	Region	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1016.2	E	1	24.0	41	1	8	1012.2	-3.2	SSE	3	26.6	25	—	17	—	17	—	4	7	As	2	0	105	—
131		MATRÛH	1016.3	N	1	20.4	77	3	6	1012.0	-2.0	S	4	20.6	21	-3	16	+1	73	+1	4	6	Sc	2	0	182	157
150		DIKHEILA														—		—									
132		ALEXANDRIA	1015.9	NNW	4	22.6	73	6	9	1014.0	0.0	—	0	19.3	25	0	17	+1	66	-4	4	8	Sc	2	0	167	189
159		DAMIETTA								1013.4	—	SSW	1	23.7	30	—	15	—	70	—	6	8	Ac	1	0	75	114
134		PORT SAÏD	1015.1	NNW	3	26.5	60	0	7	1014.6	+2.1	NNW	2	23.5	27	+2	17	0	67	0	2	6	Cc	1	0	38	79
135		EL 'ARÎSH	1014.0	NNW	1	23.3	73	0	7	1014.2	—	—	0	23.2	24	—	14	—	65	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1014.4	+0.3	E	3	22.0	31	+2	14	+1	62	-2	4	6	Ci	1	0	78	109
137		MANSÛRA								1014.2	—	NE	1	22.6	32	+2	13	-1	62	-2	1	7	Cs	1	0	45	55
138		TANTA								1014.0	-0.4	—	0	23.0	32	0	12	-2	59	-2	4	7	Sc	2	0	54	46
139		ZAGÂZÎG	1014.2	NNW	2	31.6	29	0	8	1014.8	—	ESE	1	23.3	32	+1	15	+2	59	-5	0	8	Ci	0	0	20	26
141	MIDDLE EGYPT (CAIRO)	ALMÂZA	1014.6	NNE	1	31.2	22	1	7	1014.2	—	NE	2	26.8	33	—	17	—	21	—	3	7	Ci	2	0	—	—
		EZBEKÎYA	1011.2	NE	1	32.0	32	0	8	1013.8	+0.8	NW	1	26.0	34	+3	18	+3	42	-20	4	6	Cs	2	0	18	31
		GÎZA	1013.3	N	2	32.0	36	2	7	1013.4	-0.4	N	2	22.5	33	+2	15	+2	60	-1	3	6	Cs	2	0	16	29
143		HELWÂN	1013.4	N	5	33.0	12	1	7	1013.9	+0.6	NNW	1	24.0	34	+3	19	+3	33	-17	6	5	Ci	2	0	17	34
144		SUEZ								1013.9	+0.8	NE	1	25.8	32	+1	14	-3	66	-2	0	6	Cs	1	0	13	25
153	UPPER EGYPT	FAIYÛM	1013.9	NNE	3	33.6	18	1	8	1014.0	+0.6	NNE	2	26.0	35	+2	17	+2	41	-8	2	8	Ci	1	0	6	11
154		MINYA	1012.6	NNW	3	35.7	20	0	8	1013.1	-0.1	N	2	27.1	37	+4	18	+3	44	-12	3	6	Ac	1	0	16	—
155		ASYÛT	1011.0	NW	3	41.8	17	0	8	1012.2	-0.6	E	3	29.5	43	+9	21	+4	44	+3	0	7	—	0	0	dr.	5
156		QENA	1009.6	ESE	1	42.3	16	2	8	1011.8	-0.3	WSW	1	30.6	44	+7	23	+5	28	-10	0	7	—	0	0	dr.	—
157		LUXOR	1009.6	NNW	2	43.3	21	0	8	1012.0	—	ENE	1	33.1	45	—	21	—	27	—	0	8	—	0	0	dr.	—
158		ASWÂN	1007.8	—	0	43.7	24	0	8	1011.8	+0.4	—	0	31.0	45	+7	25	+4	42	+13	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1014.8	SE	1	35.8	33	0	6	1011.8	-2.5	—	0	25.4	37	+5	17	+3	60	+5	0	6	—	0	0	29	7
149		BAHARÎYA	1014.7	E	2	38.5	27	0	9	1013.3	—	ESE	1	28.1	39	—	18	—	45	—	0	9	—	0	0	26	—
151		KHARGA	1009.5	—	0	43.6	—	0	9	—	—	—	0	32.8	44	+7	24	+6	36	-4	0	9	—	0	0	0	0
152		DÂKHLA	1010.6	NNE	1	43.6	16	0	7	1012.7	-0.1	SE	1	26.9	44	+7	21	+4	31	-5	0	7	—	0	0	dr.	—
145	RED SEA	TÔR								1012.4	+0.7	NW	5	24.0	30	0	22	+4	68	0	0	6	—	0	0	14	14
146		HURGHÂDA								1012.2	+0.6	NNW	4	27.9	36	+5	21	+3	67	+21	6	5	—	1	0	dr.	0
147		QUSEIR								1012.7	+1.0	NW	1	32.2	33	+3	24	+2	23	-19	0	7	—	0	0	1	7
169		PORT SUDAN								1011.5	+1.5	SW	1	31.5	35	+1	26	+3	68	+20	1	—	—	1	0	42	108
165	NORTH SUDAN	WÂDI HALFA								1012.4	+1.4	N	1	27.6	42	+4	22	+3	27	+4	0	6	—	3	—	—	—
166		KAREIMA								1009.5	-0.1	NE	1	32.0	42	+1	26	+3	18	+1	0	8	—	0	0	1	1
167		'ATBARA																									
168		KHARTÛM								1007.7	-0.3	—	0	30.3	43	+1	24	0	25	+6	0	6	—	0	0	25	5
170		KASSALA								1004.7	-2.7	ESE	4	35.3	42	+1	29	+5	24	-12	1	8	Ci	0	0	22	14
171	CENTRAL SUDAN	WAD MEDANI																									
173		DUEIM								1007.1	-1.3	N	4	32.4	43	+2	24	+2	32	+7	0	—	—	0	0	35	15
182		RENK														—		—		—							
172		ROSEIRES																									
174		EL OBEID								1008.0	-1.6	SW	2	31.4	43	+4	21	0	27	-10	0	8	Ci	0	0	23	23
175		EL FÂSHER								—	—	NNW	1	28.0	42	+4	18	-2	13	-11	0	—	—	0	0	0	9
176	S. SUDAN	MALAKÂL								—	—	SSW	3	31.5	40	+3	27	+4	48	-12	3	8	Ac	1	dr.	108	128
177		WÂU								1007.4	-1.8	SSE	3	27.8	38	+2	25	+3	61	-11	1	—	—	1	0	250	252
178		JÛBA								1012.8	+1.7	NNW	3	23.3	35	+1	21	-1	91	+12	4	8	Sc, Cu	8	dr.	333	305
179		Geneina								—	—	S	2	22.6	41	—	16	—	25	—	0	8	—	0	0	—	—
180		Gallabat																									

Upper Wind Observations on *4-5-1937* — ارصاد الرياح العليا يوم ٤-٥-١٩٣٧

Height metres above M.S.L.; Dir. E. of N.; Kms. per hour

Height	Salum 07h.00m Dir.	Salum Kms	Matruh 07h.00m Dir.	Matruh Kms	Almaza 07h.30m Dir.	Almaza Kms	Cairo 08h.00m Dir.	Cairo Kms	Helwan 08h.45m Dir.	Helwan Kms	Asyut 07h.00m Dir.	Asyut Kms	Aswan 07h.00m Dir.	Aswan Kms	Wadi Halfa 06h.00m Dir.	Wadi Halfa Kms	Kareima 05h.00m Dir.	Kareima Kms	Khartum 05h.00m Dir.	Khartum Kms	Kassala 06h.00m Dir.	Kassala Kms	El Obeid 06h.00m Dir.	El Obeid Kms	Juba 06h.00m Dir.	Juba Kms	Geneina 07h.00m Dir.	Geneina Kms	Ismalia 07h.00m Dir.	Ismalia Kms
200	180	14	130	8	80	18	200	25	10	10	—	—	—	—	50	14	—	—	—	—	—	—	—	—	—	—	—	—	80	16
500	—	—	160	13	40	22	220	18	70	15	100	14	70	26	80	24	90	40	0	27	100	37	—	—	270	26	—	—	0	18
1000	250	25	290	6	10	27	180	19	20	18	180	5	50	32	100	37	80	53	70	63	100	27	150	31	290	47	—	—	350	27
1500	270	34	310	30	280	18	110	39	320	19	210	16	40	22	100	38	70	42	60	84	70	18	70	21	200	21	80	43	320	29
2000	Ent Sc		300	61	310	26	150	19	320	21	270	29	20	36	100	23	60	50	50	32	0	13	90	11	250	13	100	40	300	45
3000			310	84			110	60	280	53					110	19	50	66	10	10	20	6	130	8	210	5	100	50		
4000																											70	34		
5000																														
6000																														

Forecast for 24 hours from noon on *4th*

On the coast moderate southerly winds.
Inland light easterly winds, becoming moderate southerly.
Much high cloud.
Moderate Khamsin conditions.
Remaining warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٤
رياح معتدلة جنوبية على السواحل.
ورياح خفيفة شرقية ثم تتحول الى جنوبية معتدلة في الداخل.
يكثر السحاب العالي وتكون الطقس خماسينيا متوسطا ويستمر
حاراً.

Mean of day

Station	Humidity % on 3rd	Humidity Diff. from normal	Wet Bulb Temp. °C on 3rd	Wet Bulb Diff. from normal
Alexandria	89	+20	18.6	+2.4
Ezbekiya	56	+3	19.1	+1.4
Giza	61	+9	19.3	+2.2
Helwan	35	-5	16.8	+2.3

Giza Grass minimum on *4th* 11.6 °c

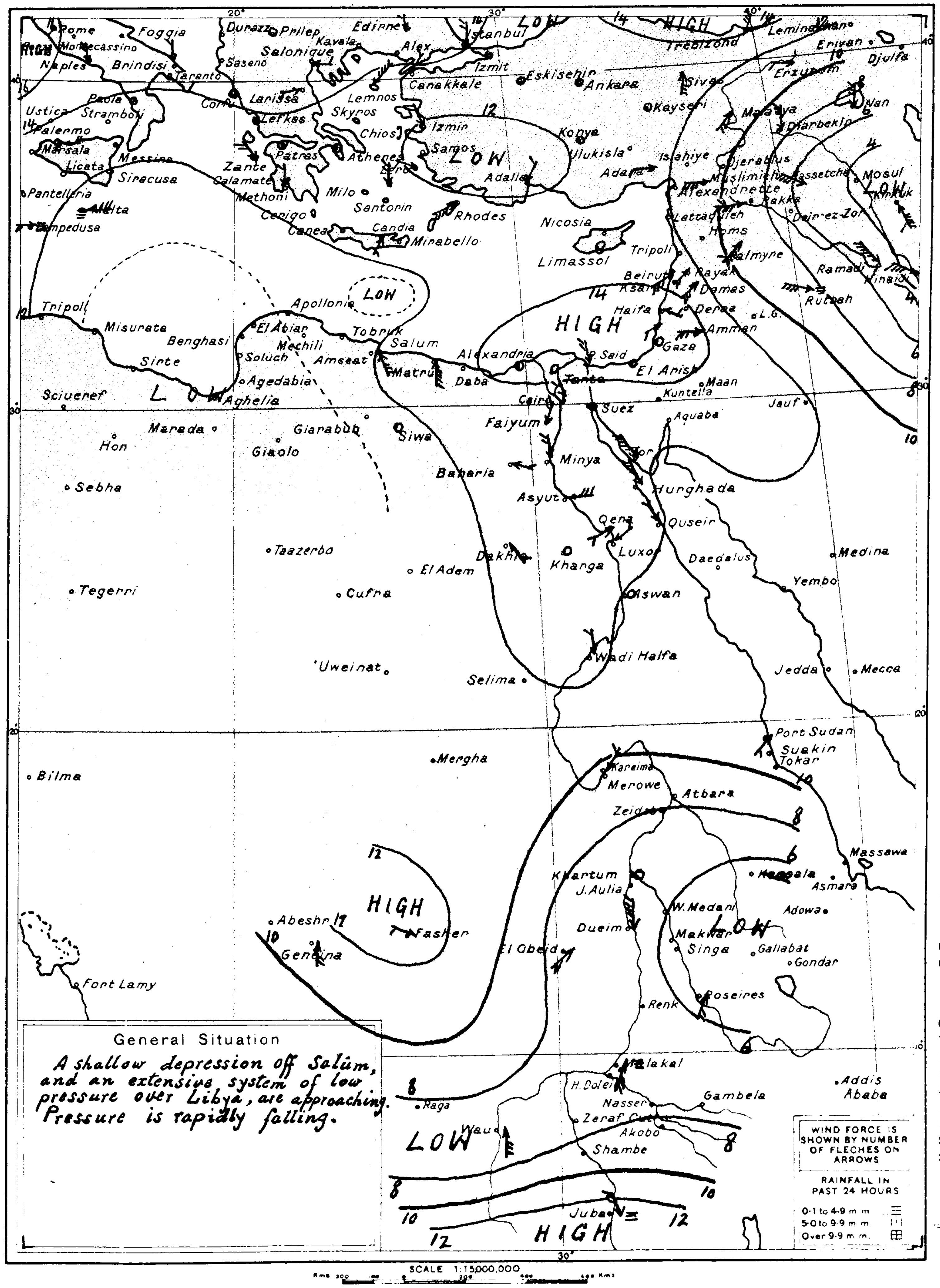
Discharges at Aswân measured by sluices m^3 per sec.

Date	1937	1936
4-5	810	1038
3-5	812	1042

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	4-5	13.52	+0.04	13.68	+0.20
Nâsser	2-5	5.35	-0.30	5.26	-0.36
Malakâl	4-5	9.92	-0.16	9.90	-0.18
Roseires	4-5	11.37	-0.07	11.33	-0.10
Sennâr Res.	3-5	13.94	—	14.25	—
Khartûm	3-5	9.90	-0.36	9.92	-0.34
Kh. el Girba					
Atbara	4-5	9.72	-0.28	9.69	-0.31
Kajnarti	3-5	131.60	-0.25	131.62	-0.24
Wâdi Halfa					
Aswân Res.	4-5	116.00	—	116.08	—
D. S.	4-5	85.45	-0.18	85.45	-0.18
El Leisi	4-5	17.27	+0.41	17.26	+0.40
Rôda (Cairo)	4-5	15.73	+0.24	15.78	+0.24

Printed by the Survey of Egypt 1936. (36/530)

٤-٥-١٩٣٧ Pressure and Wind at 8 h. *4-5-1937*



General Situation

A shallow depression off Salûm, and an extensive system of low pressure over Libya, are approaching. Pressure is rapidly falling.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on *3-5-1937* — الساعة ٨ يوم ٣-٥-١٩٣٧

Station	Bar. Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1009	-4	S	5	22	—	—	—	—	—	—	—	0	—	—	—	—	—	ليماسول
Haifa	1014.3	+2.9	SSW	1	22.5	38	+12	20	+5	79	+18	2	—	—	—	0	361	641	حيفا
Gaza	1014.8	+2.7	SSW	1	22.2	41	+16	19	+5	72	+9	1	6	—	1	0	395	373	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise 05 09 h. m.

sunset 18 35

Month *May*, 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 4th — الساعة ١٤ يوم ٤ | At 8h. on Wednesday 5th — الساعة ٨ يوم الأربعاء ٥

No.	Region	Station	14h Bar. Pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present weather	14h Visibility	8h Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall Past 24 hours m.m.	Total m.m. fr. Oct. 1 to yesterday	Normal m.m. fr. Oct. 1 to yesterday
130	Mediterranean	SALÛM	1011.0	NNE	5	26.0	31	4	6	1010.2	-5.1	SE	2	28.2	37	—	19	—	27		4	6	Sc	2	0	105	—
131	Mediterranean	MATRÛH	1010.0	ENE	4	28.0	48	4	6	1009.0	-5.0	—	0	27.4	36	+12	19	+4	36	-36	4	6	Sc	2	0	182	157
150	Mediterranean	DIKHEILA	1012.7	NNE	1	24.1	83	—	—	1010.8	—	SSE	2	25.8	31	—	18	—	55	—	1	8	Ac	0	0	—	—
132	Mediterranean	ALEXANDRIA	1012.0	ENE	2	26.5	67	6	8	1009.8	-4.2	SSE	3	23.2	32	+6	19	+3	59	-11	1	9	Cu	0	0	167	189
159	Mediterranean	DAMIETTA								1010.0	—	S	1	26.5	30	—	19	—	64	—	6	7	Ci	0	0	75	114
134	Mediterranean	PORT SAÎD	1013.0	NE	4	25.6	61	2	7	1010.3	-2.2	SW	2	25.7	27	+2	21	+3	40	-28	0	7	Ci	0	0	38	79
135	Mediterranean	EL 'ARÎSH	1011.5	NNE	3	26.0	55	4	6	1009.4	—	SSE	2	25.0	28	—	15	—	47	—	6	4	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1010.2	-3.9	ESE	2	25.9	34	+5	18	+5	47	-17	1	6	Ci	1	0	78	109
137	Lower Egypt	MANSÛRA								1009.8	—	SE	1	25.4	34	+4	18	+3	49	-15	0	8	Ci	0	0	45	55
138	Lower Egypt	TANTA								1009.8	-4.6	—	0	28.0	34	+2	17	+2	41	-20	0	7	—	0	0	54	46
139	Lower Egypt	ZAGAZIG	1011.6	ESE	1	33.3	19	0	8	1010.2	—	ESE	1	28.8	33	+2	16	+2	34	-30	0	8	—	0	0	20	26
141	Middle Egypt (Cairo)	ALMÂZA	1010.8	ENE	2	36.1	7	3	8	1009.9	—	E	3	27.8	37	—	18	—	32	—	6	6	Ci	1	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1009.8	NNE	3	36.3	13	4	8	1009.5	-3.5	W	1	27.8	37	+6	19	+4	42	-20	6	5	Ci	0	0	18	31
	Middle Egypt (Cairo)	GÎZA	1009.5	N	2	36.1	16	3	7	1009.3	-4.5	—	0	25.0	36	+5	15	+2	51	-10	0	6	—	0	0	16	29
143	Middle Egypt	HELWÂN	1009.6	WSW	2	36.6	10	4	6	1009.3	-4.0	—	0	28.9	38	+7	20	+4	25	-25	6	4	—	0	0	17	34
144	Middle Egypt	SUEZ								1010.7	-2.4	N	1	26.0	36	+5	19	+2	68	0	0	6	Ci	1	0	13	25
153	Upper Egypt	FAIYÛM	1010.0	—	0	39.0	16	4	8	1009.5	-3.9	ENE	1	29.9	39	+6	20	+5	35	-14	0	7	—	0	0	6	11
154	Upper Egypt	MINYA	1010.2	NNW	1	38.9	19	3	6	1009.3	-3.9	NE	1	31.5	39	+6	24	+9	25	-31	1	7	Cu	0	0	16	
155	Upper Egypt	ASYÛT	1009.6	NNE	2	40.8	22	0	8	1009.1	-3.6	SE	2	32.0	42	+8	22	+5	33	-7	0	7	—	0	0	dr	5
156	Upper Egypt	QENA	1009.1	WSW	3	41.3	17	4	8	1009.8	-2.2	ESE	1	32.1	43	+5	23	+4	24	-14	2	7	Cs	1	0	dr	—
157	Upper Egypt	LUXOR	1008.4	WSW	2	43.8	26	3	7	1009.9	—	WNW	1	31.9	44	—	21	—	28		1	8	—	1	0	dr	—
158	Upper Egypt	ASWÂN	1007.2	NW	2	43.0	20	0	8	1008.8	-2.6	—	0	31.0	45	+7	25	+4	34	+5	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1007.5	—	0	41.1	36	0	6	1007.2	-7.1	SE	2	29.4	43	+11	19	+5	38	-17	0	6	Cs	1	0	29	7
149	Western Desert	BAHARÎYA	1009.5	S	2	41.7	10	2	9	1009.0		E	2	31.1	42	—	22	—	23	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1009.0	—	0	43.5	—	0	9	1009.5	-2.6	S	1	30.3	45	+8	23	+5	32	-8	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1007.9	NNW	2	44.7	17	0	8	1010.2	-2.5	SSE	1	31.9	45	+8	21	+4	21	-14	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1009.9	-1.7	—	0	27.0	32	+2	20	+2	58	-10	0	6	—	0	0	14	14
146	Red Sea	HURGHÂDA								1010.2	-1.4	SE	1	32.0	34	+3	19	0	48	+2	1	5	Cc	1	0	dr	0
147	Red Sea	QUSEIR																									
169	Red Sea	PORT SUDAN								1009.8	-0.2	S	1	31.0	36	+2	23	0	69	+21	0	—	—	0	0	42	108
165	North Sudan	WÂDI HALFA								1011.0	0.0	—	0	27.4	42	+3	22	+3	37	+14	0	8	—	0	—	—	—
166	North Sudan	KAREIMA								1008.0	-1.6	—	0	33.7	42	+1	25	+2	15	-2	0	8	—	0	0	1	T
167	North Sudan	'ATBARA								1007.9	-0.2	N	4	33.0	42	+1	24	+1	21	+7	0	—	—	0	0	5	4
168	North Sudan	KHARTÛM								1007.0	-1.0	NE	3	33.0	43	+1	25	+1	21	+2	6	6	Ac	1	0	25	5
170	North Sudan	KASSALA								1003.5	-3.9	E	4	34.8	42	+1	29	+5	24	-12	3	8	Ci	0	0	22	15
171	Central Sudan	WAD MEDANI								1006.3	-1.3	SSE	1	34.0	43	+1	29	+6	26	+5	2	—	—	0	0	58	17
173	Central Sudan	DUEIM								1006.8	-1.7	NE	3	34.4	44	+3	27	+5	24	-1	1	—	—	0	0	35	16
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1006.4	-1.9	WSW	2	31.6	41	+2	27	+4	32	-9	2	—	—	1	0	3	64
174	Central Sudan	EL OBEID								1007.7	-1.9	SW	2	31.0	43	+4	25	+4	22	-16	2	8	Cu,As	1	0	23	24
175	Central Sudan	EL FÂSHER								—	—	W	1	26.0	43	+5	19	-1	16	-8	0	—	—	0	0	0	9
176	S. Sudan	MALAKÂL								—	—	SSW	4	28.7	38	+1	23	0	45	-15	4	8	Sc,Cu	2	dr	108	131
177	S. Sudan	WÂU								1008.2	-1.0	SW	3	29.9	39	+3	27	+5	59	-13	3	—	—	1	0	250	256
178	S. Sudan	JÛBA								1014.8	+3.7	SSE	6	22.8	34	0	21	-1	83	+4	5	6	Cb	0	dr	333	309
179		Geneina								—	—	E	2	25.3	41	—	16	—	11	—	0	8	—	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 5.5.1937. — ارصاد الرياح العليا يوم ٥-٥-١٩٣٧.

Height metres above M.S.L.	Salûm 07h.00m. Dir. E. of N.	Kms per hour	Matrûh 07h.00m. Dir.	Kms per hour	Dikheila 08h.15m. Dir.	Kms per hour	Almaza 07h.15m. Dir.	Kms per hour	Cairo 08h.00m. Dir.	Kms per hour	Helwan 08h.30m. Dir.	Kms per hour	Asyut 07h.00m. Dir.	Kms per hour	Aswan 07h.00m. Dir.	Kms per hour	Wadi Halfa 06h.00m. Dir.	Kms per hour	Kareima 05h.00m. Dir.	Kms per hour	Khartûm 05h.00m. Dir.	Kms per hour	Kassala 07h.00m. Dir.	Kms per hour	El Obeid 06h.00m. Dir.	Kms per hour	Geneina 07h.00m. Dir.	Kms per hour	Juba 06h.00m. Dir.	Kms per hour
200	40	10	100	26	130	5	90	19	100	19	60	10	—	—	—	—	90	3	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	80	28	—	—	60	16	50	17	80	17	130	29	150	22	80	31	90	48	350	50	90	37	—	—	—	—	130	31
1000	60	25	40	36	50	19	40	18	40	25	70	14	190	23	100	19	70	21	90	56	350	56	100	45	190	27	—	—	140	43
1500	350	29	30	31	20	29	10	12	30	20	40	15	230	16	90	19	50	24	80	53	10	14	60	18	180	18	110	24	140	63
2000	20	13			30	12	250	20	230	19	240	23	270	22	0	14	60	24	60	55			10	14			100	34	150	47
3000	160	28			220	47											50	31					330	11			120	31		
4000																	50	40									100	32		
5000																														
6000																														

Forecast for 24 hours from noon on 5th

Moderate winds between east and south.
High cloud increasing.
Weather becoming disturbed.
Khamsin conditions continuing.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٥
رياح معتدلة ما بين الشرقية والجنوب
تكاثر السحاب العالى
وحالة الجو تأخذ فى الاضطراب وتستمر
حالات الخماسين

Station	Mean of day: Humidity % on 4th	Diff. from normal	Wet bulb temp. °C on 4th	Diff. from normal
Alexandria	65	-4	19.1	+2.8
Ezbekiya	35	-18	18.3	+0.5
Giza	45	-7	18.2	+1.0
Helwân	18	-22	16.2	+1.6

Giza Grass minimum on 5th 11.0 °c

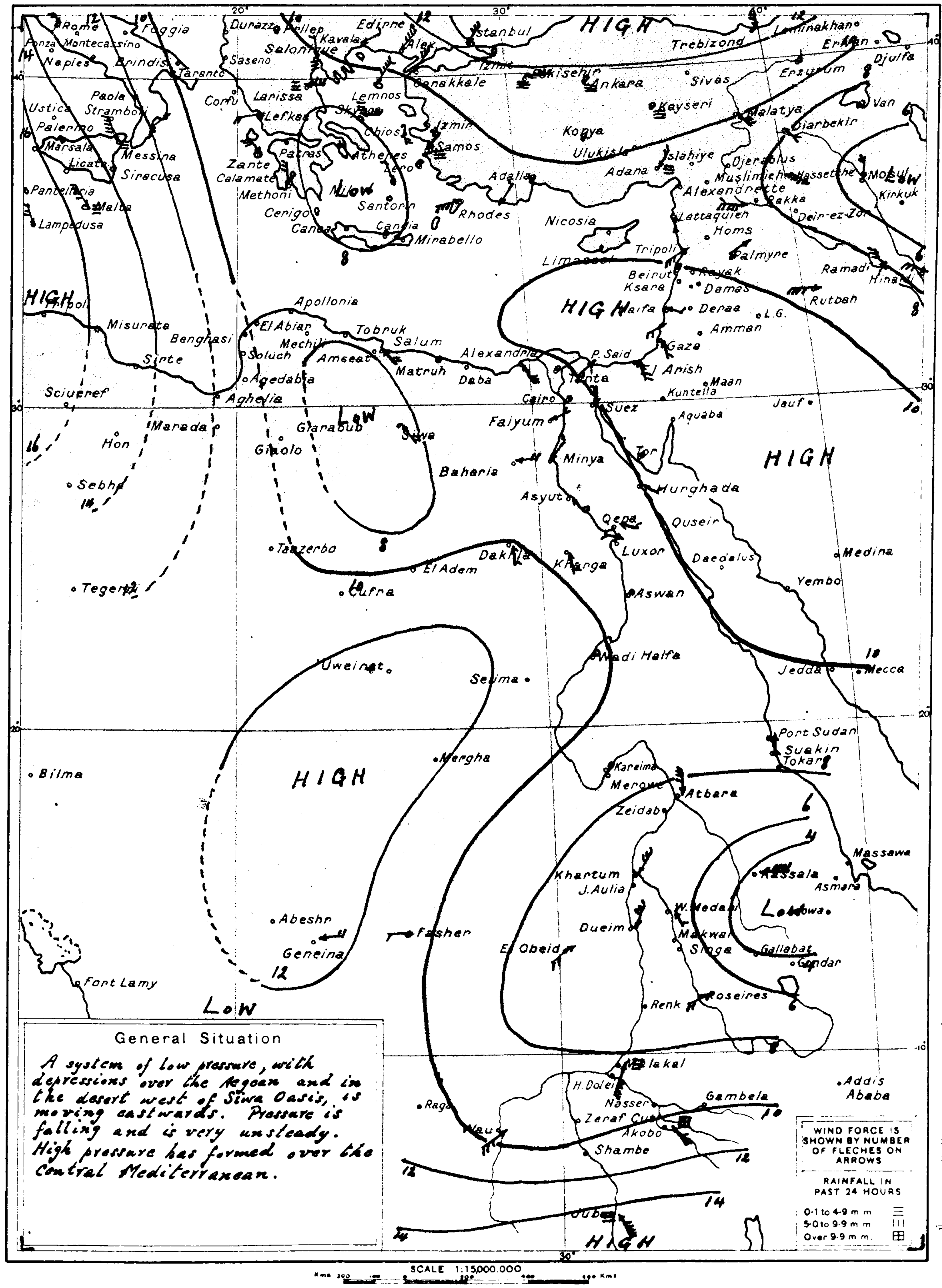
Discharges at Aswân measured by sluices m³ per sec.

Date	1937	1936
5.5	810	1044
4.5	810	1038

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	4.5	13.52	+0.04	13.68	+0.20
Nâsser	4.5	5.43	-0.31	5.39	-0.28
Malakâl	5.5	9.92	-0.16	9.92	-0.16
Roseires	5.5	11.40	-0.07	11.37	-0.07
Sennâr Res.	4.5	13.63	—	13.94	—
Khartûm	4.5	9.90	-0.36	9.90	-0.36
Kh. el Girba					
Atbara	4.5	9.72	-0.28	9.69	-0.31
Kajnarti	4.5	131.56	-0.29	131.60	-0.25
Wâdi Halfa					
Aswân Res.	5.5	115.94	—	116.00	—
Aswân D. S.	5.5	85.44	-0.20	85.45	-0.18
El Leisi	5.5	17.28	+0.42	17.27	+0.41
Rôda (Cairo)	5.5	15.75	+0.26	15.73	+0.24

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8h. 5.5.1937. — ٥-٥-١٩٣٧



General Situation

A system of low pressure, with depressions over the Aegean and in the desert west of Siwa Oasis, is moving eastwards. Pressure is falling and is very unsteady. High pressure has formed over the Central Mediterranean.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h on 4.5.1937. — الساعة ٨ يوم ٤-٥-١٩٣٧.

Station	Bar. pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir	Wind Force	Dry Bulb °C	Maximum Yester-day °C	Diff from norm. °C	Minimum Today °C	Diff from norm. °C	Humidity %	Diff from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall Past 24 hours m	Total fr Oct 1 to yesterday m	Normal fr Oct 1 to yesterday m	مرصد
Limassol	1012	-1	—	0	22	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1015.1	+3.7	ESE	1	23.2	25	-1	18	+3	69	+8	0	—	—	—	0	361	642	حيفا
Gaza	1014.8	+2.8	—	0	22.4	26	0	14	0	56	-7	0	9	—	0	0	395	373	غزة

ANNUAL SUBSCRIPTION

Inland Post ... P.T. 100

Abroad ... P.T. 150

CAIRO
Time of sunrise h. m. 05 08
sunset h. m. 18 35

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS · PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩٣٧-٥-٦ Pressure and Wind at 8 h. 6-5-1937

At 14 h. on 5th — الساعة ١٤ يوم ٥ | At 8 h. on Thursday 6th — الساعة ٨ يوم الخميس ٦

	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
Mediterranean																										
130	SALÛM	1011.8	E	1	22.8	64	4	6	1014.2	-1.1	N	4	17.8	28	—	15	—	69	—	3	6	Cu	1	0	105	—
131	MATRÛH	1010.4	NE	3	23.1	72	4	6	1012.2	-1.8	NNW	4	19.2	34	+10	19	+4	83	+11	4	5	Sc	2	0	182	157
150	DIKHEILA	1009.8	N	2	26.8	83	—	—	1009.1	—	NE	5	21.0	35	—	20	—	74	—	4	8	As	2	0	—	—
132	ALEXANDRIA	1009.1	N	3	30.8	49	6	8	1008.7	-5.3	NE	5	21.4	32	+6	20	+3	80	+10	4	8	St	2	0	167	189
159	DAMIETTA								1007.6	—	N	4	23.0	34	—	22	—	83	—	4	6	Sc	2	0	75	114
134	PORT SAÎD	1009.8	NE	2	28.4	26	2	6	1006.3	-6.2	NE	4	25.3	30	+5	22	+4	62	-6	3	6	Cc	1	0	38	79
135	EL ʿARÎSH	1009.3	NNE	3	28.0	47	0	6	1006.6	—	SSE	2	27.0	34	—	20	—	37	—	4	5	Cb	2	0	—	—
Lower Egypt																										
136	DAMANHÛR								1008.0	-6.1	NNE	4	23.6	37	+8	21	+8	64	0	4	7	As	2	0	78	109
137	MANSÛRA								1006.8	—	NNE	3	24.6	37	+6	21	+6	62	-2	2	6	Ac	2	0	45	55
138	TANTA								1008.2	-6.2	N	2	24.0	37	+5	19	+4	63	+2	4	6	Ac	2	0	54	46
139	ZAGÂZÎG	1008.6	NNW	1	35.8	17	0	8	1007.5	—	NE	2	24.8	36	+5	20	+6	45	-19	1	7	Cs	0	0	20	26
Middle Egypt																										
141	CAIRO ALMÂZA	1007.0	NE	4	39.4	13	4	8	1006.7	—	WSW	2	27.6	40	—	22	—	39	—	4	3	As	4	0	—	—
	CAIRO EZBEKÎYA	1006.7	N	3	39.0	21	4	8	1006.8	-6.2	WSW	1	25.7	40	+9	22	+7	48	-14	4	5	As	2	0	18	31
	CAIRO GÎZA	1005.8	N	2	38.9	19	3	6	1006.4	-7.4	N	1	25.4	39	+8	20	+7	50	-11	4	5	St	2	0	16	29
143	HELWÂN	1006.2	SW	1	40.4	8	2	7	1005.2	-7.1	WNW	1	25.4	41	+10	22	+6	41	-9	4	5	Ac	2	0	17	34
144	SUEZ								1006.4	-6.6	S	3	24.8	36	+5	23	+6	86	+18	7	5	Ns	3	0	13	25
Upper Egypt																										
153	FAIYÛM	1006.0	S	1	40.2	15	3	6	1006.7	-6.6	—	0	29.0	43	+10	22	+6	39	-10	4	5	Cu	1	0	6	11
154	MINYA	1005.6	SW	3	42.8	11	2	8	1006.6	-6.6	SSW	2	28.2	44	+11	23	+8	32	-23	4	6	Cc	2	0	16	—
155	ASYÛT	1006.0	SSW	3	44.0	7	0	8	1007.4	-5.3	SE	3	33.5	45	+11	25	+8	21	-19	0	6	—	0	0	dr.	5
156	QENA	1007.2	NNW	1	42.9	17	4	8	1008.2	-3.7	ESE	6	32.3	44	+6	24	+5	26	-12	3	7	Ac	6	0	dr.	—
157	LUXOR	1008.6	WSW	1	44.2	25	3	7	1008.2	—	SSW	1	34.5	45	—	21	—	30	—	4	7	St	2	0	dr.	—
158	ASWÂN	1004.8	W	1	44.0	24	0	8	1008.7	-2.6	—	0	31.3	46	+7	26	+5	39	+10	0	8	—	0	0	1	—
Western Desert																										
148	SÎWA	1004.4	—	0	41.2	23	3	6	1011.8	-2.5	WNW	3	21.7	42	+10	19	+5	66	+11	0	6	Cu	2	0	29	7
149	BAHARÎYA	1004.3	SW	5	45.2	12	3	6	1008.7	—	NNW	4	28.2	46	—	23	—	38	—	6	4	Ci	3	0	26	—
151	KHÂRGA	1006.6	SW	1	44.5	—	0	9	1008.8	-3.2	—	0	31.3	45	+8	23	+4	34	-6	0	9	—	0	0	0	0
152	DÂKHLA	1005.5	ENE	3	44.7	20	0	8	1008.7	-4.0	—	0	33.2	45	+8	23	+6	28	-7	0	7	—	0	0	dr.	—
Red Sea																										
145	TÔR								1008.4	-3.2	S	3	27.6	36	+6	28	+10	69	+1	4	5	Ci	0	0	14	14
146	HURGHÂDA								1008.8	-2.7	SE	1	28.0	35	+4	24	+5	71	+25	1	5	Cc	1	0	dr	0
147	QUSEIR								1008.3	-3.3	SSE	1	30.8	37	+7	24	+2	29	-14	0	7	—	0	0	1	7
169	PORT SUDAN	1008.7	E	2	32.9	—	0	—	1010.7	+0.8	SE	1	32.9	35	+1	25	+2	51	+3	0	—	—	0	0	42	108
North Sudan																										
165	WÂDI HALFA								1009.7	-1.3	E	1	27.8	44	+5	23	+4	39	+16	0	8	—	0	—	—	—
166	KAREIMA								1007.5	-2.0	NE	1	33.8	43	+2	26	+3	13	-4	0	8	—	0	0	1	1
167	ʿATBARA	1003.2	NE	3	43.0	—	0	—	1007.8	-0.3	E	3	34.0	43	+2	24	+1	11	-3	0	—	—	0	0	5	4
168	KHARTÛM								1007.1	-0.9	S	6	31.3	44	+2	26	+2	37	+18	0	7	—	0	0	25	5
170	KASSALA								1006.7	-0.8	S	4	33.6	41	0	30	+5	36	-1	3	8	Cc, Ac	0	0	22	15
Central Sudan																										
171	WAD MEDANI	1002.3	W	1	41.5	—	2	—	1008.0	+0.3	SW	6	32.5	44	+2	26	+3	31	+9	1	—	—	0	0	58	17
173	DUEIM	1002.8	N	2	42.8	—	2	—	1008.4	-0.1	E	3	30.8	43	+2	27	+5	40	+15	0	—	—	0	0	35	16
182	RENK																									
172	ROSEIRES	1004.6	NW	3	37.9	—	2	—	1007.8	-0.6	WSW	2	30.1	39	0	26	+3	43	+1	3	—	—	2	0	3	66
174	EL OBEID								1008.3	-1.3	SW	7	30.0	42	+3	25	+4	25	-13	0	8	Cc	0	0	23	24
175	EL FÂSHER	—	SSE	1	42.0	—	0	—	—	—	SW	1	30.0	43	+5	22	+2	25	+1	0	—	—	0	0	0	9
S. Sudan																										
176	MALAKÂL								—	—	SSW	3	27.6	36	-1	23	0	63	+2	4	8	Sc	1	0	108	134
177	WÂU	1004.4	E	2	36.8	—	3	—	1008.8	-0.4	S	3	27.8	37	+1	23	+1	58	-14	1	—	—	1	0	250	261
178	JÛBA								1012.4	+1.2	SSE	2	25.1	31	-3	21	-1	84	+5	4	8	Sc	1	dr.	333	312
179	Geneina								—	—	ENE	2	25.8	40	—	16	—	13	—	3	8	Cs	0	0	—	—
180	Gallabat																									

Upper Wind Observations on 6-5-1937 — ارصاد الرياح العليا يوم ٦-٥-١٩٣٧

Dir. = Dir. E. of N.; Kms. = Kms. per hour

Height metres above M.S.L.	Salum 07h00m Dir.	Kms.	Matruh 07h00m Dir.	Kms.	Dikheila 07h15m Dir.	Kms.	Almaza 07h30m Dir.	Kms.	Cairo 08h15m Dir.	Kms.	Helwan 08h30m Dir.	Kms.	Asyut 07h00m Dir.	Kms.	Aswan 07h00m Dir.	Kms.	Wadi Halfa 06h00m Dir.	Kms.	Kareima 05h00m Dir.	Kms.	Khartum 06h00m Dir.	Kms.	Kassala 06h00m Dir.	Kms.	El Obeid 06h00m Dir.	Kms.	Juba 06h00m Dir.	Kms.	Geneina 07h00m Dir.	Kms.
200	340	22	330	28	20	45	260	5	290	24	320	32	—	—	—	—	190	14	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	Ent. St.		0	41	220	26	240	17	220	18	160	20	160	28	150	29	100	43	80	21	190	27	—	—	290	26	—	—
1000	340	19			200	29	260	40	280	23	260	32	160	44	130	31	150	34	90	48	80	21	210	34	210	60	280	27	—	—
1500	Ent. Cu.				200	34	270	29	230	20	250	24	250	54	100	20	110	40	80	43	70	31	230	31	270	18	250	34	120	31
2000					210	37	260	21	210	26	230	29			90	8	80	29	60	27	60	37	170	19			230	16	110	27
3000					260	70													70	32	10	27	160	14			190	26	120	14
4000																							90	11					100	16
5000																														
6000																														

Forecast for 24 hours from noon on 6th

On the coast fresh northeast to northwest winds.
Inland moderate northwest to north winds, freshening.
Much low cloud, decreasing tomorrow.
Cooler tomorrow
Possibly thunderstorms in eastern Egypt.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٦
رياح شديدة نوعا بين شمالية شرقية وشمالية غربية على السواحل.
ورياح معتدلة بين شمالية غربية وشمالية ثم تشتد نوعا فى الداخل
بكثير السحاب المنخفض ولكنه يتناقص بالغد. الطقس اكثر ميلا الى البرودة بالغد
يحتمل ان تحدث عواصف رعدية بالجهة الشرقية للقطر المصرى.

STATION	Mean of day Humidity % on 5th	Diff. from normal	Wet bulb temp. °C on 5th	Diff. from normal
Alexandria	52	-17	19.6	+3.2
Ezbekiya	36	-17	20.0	+2.1
Gîza	43	-9	19.7	+2.4
Helwân	23	-17	17.7	+3.1

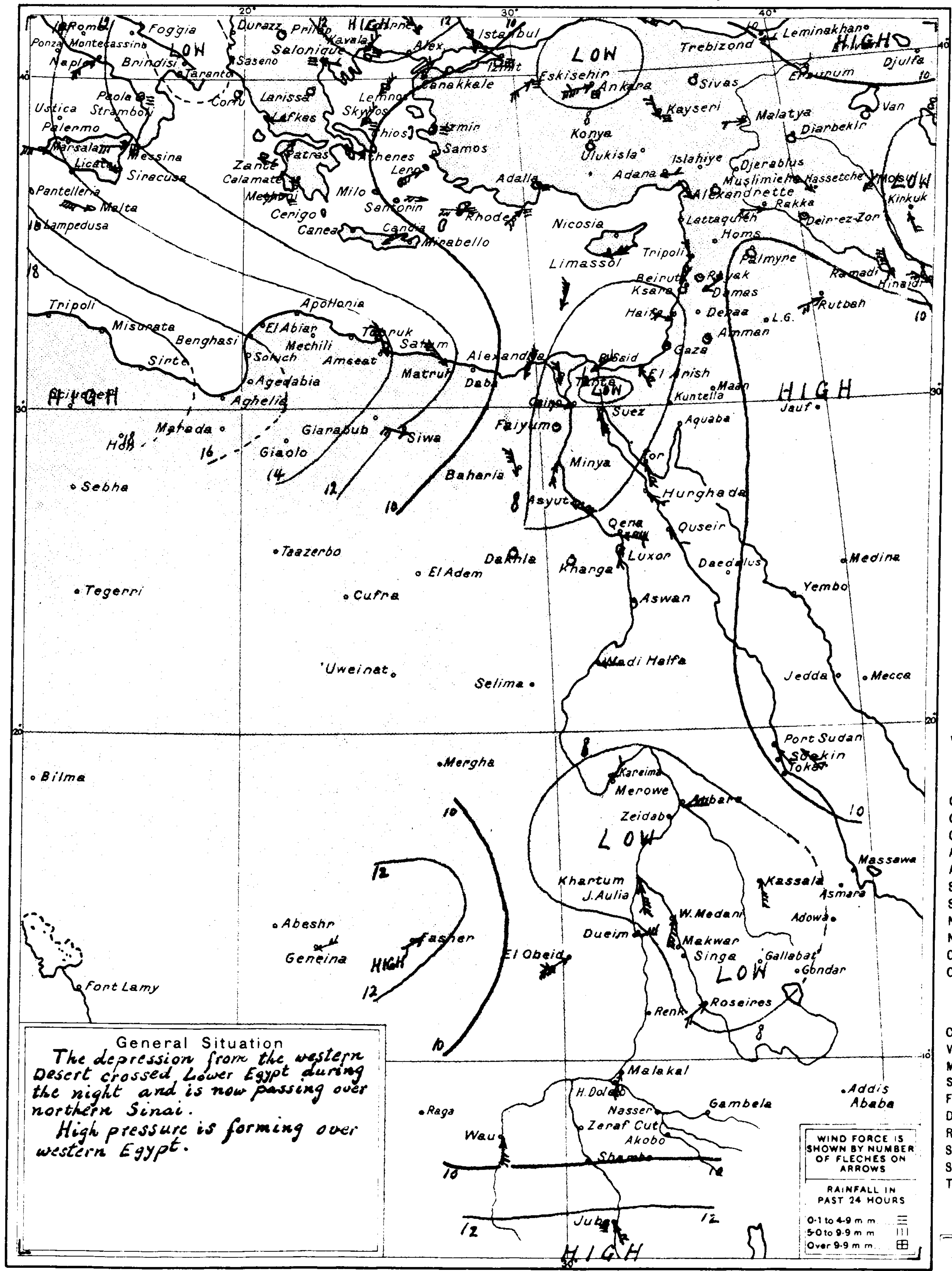
Gîza Grass minimum on 6th 16.6 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
5-5	810	1044
4-5	810	1038

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-5	13.44	+0.04	13.52	+0.04
Nâsser	5-5	5.50	-0.29	5.43	-0.31
Malakâl	5-5	9.92	-0.16	9.92	-0.16
Roseires	5-5	11.40	+0.07	11.37	-0.07
Sennâr Res.	5-5	13.32	—	13.63	—
Khartûm	5-5	9.89	-0.38	9.90	-0.36
Kh. el Girba					
Atbara	5-5	9.74	-0.26	9.70	-0.28
Kajnarti	5-5	131.54	-0.31	131.56	-0.29
Wâdi Halfa					
Aswân Res.	5-5	115.94	—	116.00	—
D. S.	5-5	85.44	-0.20	85.45	-0.18
El Leisi	6-5	17.28	+0.43	17.28	+0.42
Rôda (Cairo)	6-5	15.79	+0.31	15.75	+0.26

Printed by the Survey of Egypt, 1936. (36/530)



General Situation
The depression from the western Desert crossed Lower Egypt during the night and is now passing over northern Sinai.
High pressure is forming over western Egypt.

At 8 h. on 5-5-1937 — الساعة ٨ يوم ٥-٥-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1008	-5	SW	4	23	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1010.2	-1.1	ESE	1	25.3	28	+1	16	+1	84	+23	0	—	—	—	0	361	642	حيفا
Gaza	1009.9	-2.1	S	1	24.8	28	+2	14	0	34	-29	0	9	—	0	0	395	373	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO

Time of sunrise h. m. 05 07

sunset h. m. 18 36

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

DAILY WEATHER REPORT

Month *May*, 1937 ١٩٣٧ شهر مايو

No.	Region	Station	14h on 6th: Bar. pressure reduced to M.S.L. m.b.	14h: Wind Dir.	14h: Wind Force	14h: Temperature °C	14h: Humidity %	14h: Present weather	14h: Visibility	8h Friday 7th: Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1014.4	NNE	5	19.4	68	2	7	1017.1	+1.8	WNW	3	17.0	22	—	12	—	64	—	0	5	—	0	0	105	—
131		MATRÛH	1012.8	NW	4	19.2	77	2	6	1015.9	+1.9	W	1	18.6	24	0	17	+2	76	+4	3	6	Sc	2	0	182	157
150		DIKHEILA	1011.6	NNW	5	20.5	94	4	7	1015.9	—	NNW	2	18.8	21	—	18	—	83	—	4	8	As	2	dr		—
132		ALEXANDRIA	1010.7	N	4	20.9	87	4	7	1015.6	+1.6	WNW	3	18.6	25	-1	17	0	73	+3	4	8	Sc	2	0	167	189
159		DAMIETTA								1014.7	—	NNW	1	21.2	25	—	18	—	79	—	4	7	Ns	2	0	75	114
134		PORT SAÏD	1009.1	NNW	3	23.6	73	4	6	1014.6	+2.1	NW	4	21.5	26	+1	19	+1	73	+5	4	6	Cu	2	0	38	79
135		EL 'ARÎSH	1006.2	NNE	4	24.0	75	4	6							—		—									
136	Lower Egypt	DAMANHÛR								1016.0	+1.9	WSW	3	20.2	26	-3	17	+4	71	+7	4	7	Ns	2	0	78	109
137		MANSÛRA								1015.2	—	NNW	1	20.6	27	-4	18	+3	70	+7	2	6	Ac	2	0	45	55
138		TANTA								1015.8	+1.4	—	0	20.5	27	-5	17	+2	65	+4	4	6	Ac	2	0	54	47
139		ZAGÂZÎG	1009.1	NNW	2	27.2	54	0	8	1015.5	—	WNW	2	21.2	27	-4	17	+3	74	+11	1	8	Cs	2	0	20	26
141	Middle Egypt — Cairo	ALMÂZA	1008.3	NW	2	29.8	40	4	6	1015.2	—	N	2	20.0	30	—	16	—	78	—	4	7	Cb	2	0	—	—
	Cairo	EZBEKÎYA	1008.0	N	3	30.2	41	4	8	1015.1	+2.1	NNW	1	20.6	30	-1	18	+2	79	+18	4	—	Cu	2	0	78	31
	Cairo	GÎZA	1007.6	NW	2	30.4	46	4	6	1014.6	+0.8	N	2	20.1	30	-1	18	+5	82	+21	4	5	Sc	2	0	16	29
143		HELWÂN	1007.9	NNW	5	30.0	31	4	4	1015.0	+1.7	NNW	3	20.0	31	0	18	+2	72	+22	4	7	Ac	2	0	17	34
144		SUEZ								1014.4	+1.4	NW	3	22.5	32	+1	20	+3	94	+26	2	6	Sc	2	0	13	25
153	Upper Egypt	FAIYÛM	1007.5	NNE	3	32.1	33	4	6	1015.4	+2.1	NNE	2	20.8	33	0	19	+3	73	+24	4	7	Sc	2	0	6	11
154		MINYA	1006.6	N	2	39.5	19	4	5	1013.9	+0.8	N	3	22.3	40	+7	17	+2	70	+15	3	6	As	1	0	16	—
155		ASYÛT	1006.3	W	3	43.2	8	0	8	1013.6	+1.0	W	3	23.1	44	+10	20	+3	67	+27	4	7	Cu	2	0	dr	5
156		QENA	1005.8	NE	1	44.4	15	2	8	1010.4	-1.4	WSW	5	31.4	45	+7	27	+8	31	-7	3	7	Cu	1	0	dr	—
157		LUXOR	1005.9	NNW	1	45.8	29	2	7	1009.9	—	WSW	1	34.2	46	—	27	—	34	—	2	8	Ac	1	0	dr	—
158		ASWÂN	1003.9	—	0	45.3	19	1	8	1009.6	-1.7	N	3	33.0	47	+8	28	+7	25	-4	1	6	Ci	1	0	1	
148	Western Desert	SÎWA	1012.6	WNW	3	26.2	66	1	5	1016.4	+2.2	—	0	21.6	29	-3	17	+3	61	+6	4	4	Ci	2	0	29	7
149		BAHARÎYA	1008.6	NNW	4	33.4	25	4	5	1015.0	—	NNE	2	22.1	35	—	18	—	54	—	4	7	Cc	3	0	26	—
151		KHÂRGA	1004.8	NW	1	46.2	22	0	9	1012.0	0.0	NE	5	26.0	46	+9	22	+3	65	+25	0	9	—	0	0	0	0
152		DÂKHLA	1006.4	WNW	5	41.9	25	0	5	1013.6	+1.0	NNW	2	26.6	43	+6	22	+5	54	+19	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1011.0	-0.5	NW	5	24.0	36	+6	23	+5	79	+11	4	5	Sc	0	0	14	14
146		HURGHÂDA								1011.5	0.0	NNW	4	26.7	31	0	19	0	64	+18	1	5	Cc	1	0	dr	0
147		QUSEIR								1011.5	0.0	NNW	2	27.8	35	+5	25	+3	58	+15	0	7	—	0	0	1	7
169		PORT SUDAN								1010.4	+0.5	SE	1	33.5	35	+1	26	+3	57	+10	0	—	—	0	0	42	108
165	North Sudan	WÂDI HALFA								1010.5	-0.4	NNW	3	28.9	43	+4	25	+5	34	+11	6	4	Ac	3	—	—	—
166		KAREIMA								1007.9	-1.4	S	6	35.5	44	+3	26	+3	23	+6	6	6	Ac	0	0	7	2
167		'ATBARA								1009.0	+0.9	SSE	4	35.0	43	+2	30	+7	42	+28	0	—	—	0	0	5	4
168		KHARTÛM								1009.5	+1.5	SSE	7	32.3	44	+2	27	+3	38	+18	7	4	—	3	0	25	6
170		KASSALA								1009.3	+1.8	S	2	29.3	41	0	26	+1	58	+21	2	9	Ac	1	7	29	15
171	Central Sudan	WAD MEDANI								1009.6	+1.9	S	7	33.5	43	+1	29	+6	35	+13	2	—	—	0	dr	58	17
173		DUEIM								1009.4	+0.9	SE	5	31.4	43	+2	28	+6	49	+23	0	—	—	0	0	35	16
182		RENK																									
172		ROSEIRES								1011.5	+3.1	WSW	2	26.3	40	+1	23	0	63	+21	3	—	—	2	dr	3	67
174		EL OBEID								1008.0	-1.6	SW	6	31.4	42	+3	27	+6	27	-12	1	8	Ci	0	0	23	24
175		EL FÂSHER								—	—	W	1	31.0	43	+5	22	+2	27	+2	0	—	—	0	0	0	10
176	S. Sudan	MALAKÂL								—	—	ESE	3	29.0	38	+1	26	+3	52	-10	4	8	Cu,Sc	0	0	108	137
177		WÂU								1010.0	+0.7	NW	3	28.0	38	+3	24	+2	70	-2	1	—	—	2	7	257	266
178		JÛBA								1012.8	+1.5	S	3	25.0	36	+2	23	+1	76	-4	4	9	Sc,Cu	1	dr	333	316
179		Geneina								—	—	S	1	26.2	41	—	20	—	36	—	3	8	Fn	1	0	—	—
180		Gallabat																									

الساعة ١٤ يوم ٦ — الساعة ٨ يوم الجمعة ٧

Upper Wind Observations on 7.5.1937

ارصاد الرياح العليا يوم ١٩٣٧/٥/٧

Height metres above M.S.L.	Dikheila 07h15m Dir. E.of N.	Kms. per hour	Almaza 07h45m Dir.	Kms.	Wadi Halfa 07h00m Dir.	Kms.	Kareima 05h00m Dir.	Kms.	Khartum 05h00m Dir.	Kms.	Kassala 07h00m Dir.	Kms.	El Obeid 06h00m Dir.	Kms.	Juba 06h00m Dir.	Kms.	Geneina 07h00m Dir.	Kms.	Ismailia R.A.F. 07h00m Dir.	Kms.	Abukir R.A.F. 07h00m Dir.	Kms.	Amman R.A.F. 07h00m Dir.	Kms.	Ramleh R.A.F. Dir.	Kms.	Salum 6th 13h00m Dir.	Kms.	h. m. Dir.	Kms.
200	310	22	0	15	10	32	—	—	—	—	—	—	—	—	—	—	—	—	50	14	300	14	—	—	—	—	30	28		
500	320	25	30	13	50	21	140	53	140	35	160	11	—	—	280	21	—	—	80	18	310	18	—	—	230	6	—	—		
1000	320	34	340	15	120	21	140	42	140	31	150	21	200	72	270	35	—	—	150	5	320	24	230	18			290	29		
1500	300	41	ent.	Cb	30	16	90	16	90	27	190	8	210	47	240	27	210	27	260	24	310	45	230	42			270	32		
2000	280	38			160	21	110	14	80	5	350	8	300	14	200	23	220	37			270	37	250	56			ent.	Cu		
3000							110	18			20	27	310	23	220	31	250	8					230	34						
4000											10	31					0	6												
5000											330	26																		
6000																														

Forecast for 24 hours from noon on........

تغيرات الطقس المنظرة فى ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 6th	Diff. from normal	Wet bulb temp. °C on 6th	Diff. from normal
Alexandria	81	+12	18.8	+2.3
Ezbekiya	54	+1	19.8	+1.8
Gîza	65	+13	19.8	+2.4
Helwân	44	+5	18.2	+3.5

Gîza Grass minimum on 7th 15.3 °c

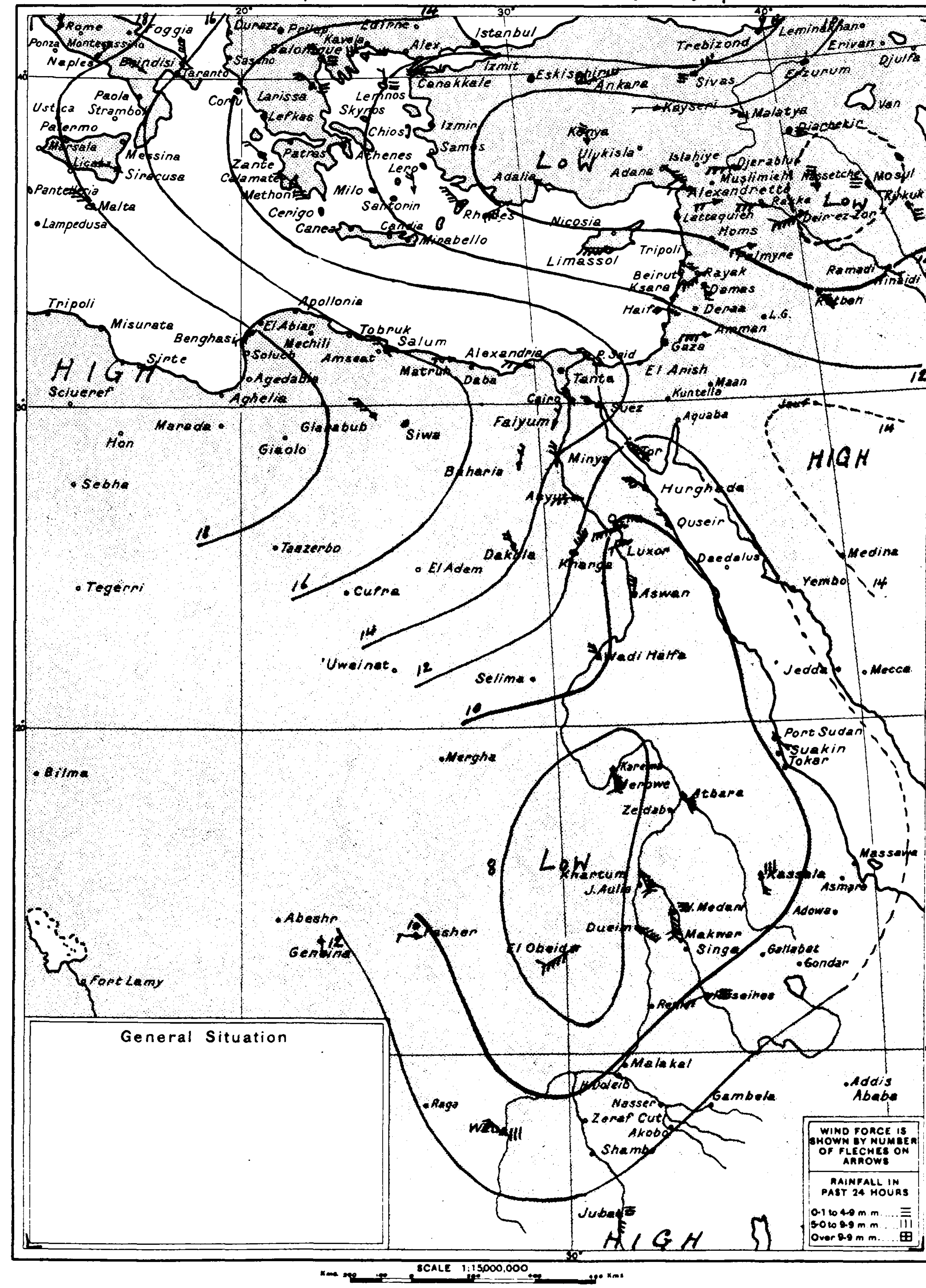
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
7.5	810	1042
6.5	810	1041

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7.5	13.35	-0.14	13.37	-0.12
Nâsser	7.5	5.59	-0.29	5.59	-0.24
Malakâl	7.5	9.94	-0.15	9.92	-0.16
Roseires	7.5	11.37	-0.15	11.38	-0.11
Sennâr Res.	7.5	12.64	—	12.97	—
Khartûm	7.5	9.99	-0.28	9.90	-0.37
Kh. el Girba					
'Atbara	7.5	9.70	-0.30	9.72	-0.28
Kajnarti	7.5	131.52	-0.34	131.52	-0.33
Wâdi Halfa					
Aswân Res.	7.5	115.79	—	115.86	—
.. D. S.	7.5	85.45	+0.19	85.45	+0.19
El Leisi	7.5	17.28	+0.43	17.28	+0.43
Rôda (Cairo)x	7.5	15.79	+0.31	15.79	+0.31

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧/٥/٧ Pressure and Wind at 8h. 7.5.1937.



General Situation

Station	At 8h. on 6.5.1937 Bar. pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1008	-5	E	2	24	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.8	-3.5	WNW	2	27.3	31	+4	20	+5	85	+24	0	—	—	—	0	361	642	حيفا
Gaza	1006.8	-5.1	—	0	25.8	34	+8	19	+5	45	-18	8	4	—	4	0	395	373	غزه

الساعة ٨ يوم ١٩٣٧/٥/٦

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

x El Roda River Gauge Reading for 28-4-37 published on 28, 29-4-37 should read 15.79 instead of 15.75 m.

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

CAIRO
Time of sunrise h. 05 m. 06
sunset h. 18 m. 37

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

DAILY WEATHER REPORT

Month *May* 1937 ١٩٣٧ شهر مايو

No.	Region	Station	14h on 7th: Bar. (m.b.)	Wind Dir.	Force	Temp. °C	Humidity %	Present Weather	Visibility	8h on Saturday 8th: Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1015.6	W	5	23.8	33	3	6	1017.6	+2.4	WNW	3	16.5	25	—	12	—	71	—	0	6	Cu	1	0	105	—
131		MATRÛH	1015.2	NNW	3	20.2	70	2	6	1016.2	+2.2	W	3	18.4	21	-3	14	-1	75	+3	0	6	—	0	0	182	157
150		DIKHEILA	1016.7	WNW	4	21.0	80	1	8	1016.9	—	WSW	3	19.9	22	—	14	—	73	—	1	7	Ac	0	0	—	—
132		ALEXANDRIA	1015.8	WNW	4	22.5	60	2	8	1016.4	+2.4	SW	2	13.8	24	-2	15	-2	69	-1	1	8	Cu	1	0	157	189
159		DAMIETTA								1015.5	—	SSW	1	21.0	24	—	13	—	74	—	0	8	—	1	0	75	114
134		PORT SAÎD	1014.4	NW	4	20.5	64	4	7	1016.2	+3.7	SW	3	20.0	23	-2	16	-2	71	+3	0	7	—	0	dr.	38	79
135		EL 'ARÎSH	1013.1	NNW	3	20.8	82	4	6	1015.8	—	SSW	1	23.7	23	—	14	—	48	—	2	7	Sc	1	0	—	—
136	Lower Egypt	DAMANHÛR								1016.4	+2.3	SSW	2	21.3	25	-5	15	+1	63	-1	1	5	St	0	0	78	109
137		MANSÛRA								1015.6	—	S	1	21.1	26	-5	13	-2	62	-1	0	8	—	0	0	45	56
138		TANTA								1016.2	+1.8	—	0	22.5	26	-6	14	-1	63	+3	0	7	—	0	0	54	47
139		ZAGÂZÎG	1014.8	WNW	2	24.2	51	1	8	1016.0	—	ESE	2	22.9	24	-7	14	0	51	-12	0	8	—	0	0	20	27
141	Middle Egypt (Cairo)	ALMÂZA	1014.8	NNW	3	24.1	50	4	8	1015.4	—	WSW	2	23.3	25	—	14	—	51	—	2	7	Ci	1	0	—	—
		EZBEKÎYA	1014.0	NNW	2	24.2	46	4	7	1015.0	+2.0	S	1	23.8	25	-6	16	0	53	-8	0	7	Sc	0	dr.	18	31
		GÎZA	1015.0	NNW	2	22.8	58	4	6	1015.2	+1.6	N	1	20.9	24	-7	12	-1	61	0	1	6	Cs	1	0	16	29
143		HELWÂN	1014.2	NW	4	23.0	37	4	6	1015.6	+2.4	—	0	19.4	24	-7	17	+1	61	+11	5	6	Ac	0	dr.	17	34
144		SUEZ								1016.2	+3.2	—	0	22.0	27	-4	18	0	87	+19	1	6	Ci	1	0	13	25
153	Upper Egypt	FAIYÛM	1015.5	N	3	25.3	38	4	7	1015.9	+2.6	ENE	1	23.3	27	-6	14	-2	52	+3	1	7	Cu	1	0	6	11
154		MINYA	1013.1	NNW	5	27.9	40	4	4	1015.5	+2.4	N	1	22.4	28	-5	16	+1	54	-1	1	5	Cu	1	0	16	—
155		ASYÛT	1011.5	NW	3	31.0	30	4	7	1014.7	+2.1	WSW	3	21.2	32	-2	19	+1	55	+15	4	7	Cu	2	0	dr.	5
156		QENA	1007.1	WSW	3	41.0	19	2	8	1012.4	+0.6	WSW	2	25.8	42	+4	22	+3	35	-3	3	7	Cu	1	0	dr.	—
157		LUXOR	1007.1	NW	1	41.2	23	0	8	1012.3	—	NNE	1	29.3	43	—	21	—	33	—	3	8	Cu	2	0	dr.	—
158		ASWÂN	1005.5	—	0	43.7	25	1	8	1011.1	-0.2	N	5	27.5	46	+6	25	+4	30	+1	1	8	Cu	1	0	1	—
148	Western Desert	SÎWA	1015.2	E	1	27.0	37	1	5	1017.4	+3.2	—	0	21.7	28	-4	15	0	56	+1	0	6	—	0	0	29	7
149		BAHARÎYA	1014.3	NW	1	26.2	42	3	7	1016.6	—	N	1	21.2	28	—	15	—	48	—	0	9	—	0	0	26	—
151		KHÂRGA	1007.5	N	4	35.7	41	0	9	1013.8	+1.9	N	3	25.3	36	-1	21	+2	50	+10	2	9	St	0	0	0	0
152		DÂKHLA	1011.5	N	5	34.4	40	0	8	1015.4	+2.8	NNW	4	24.2	35	-2	20	+3	50	+15	0	6	—	0	0	dr.	—
145	Red Sea	TOR								1013.3	+1.9	NW	5	24.0	29	-1	22	+3	64	-5	4	5	Sc	0	0	14	14
146		HURGHÂDA								1012.8	+1.4	NNW	5	25.5	31	-1	22	+3	33	-14	3	4	Cb	2	0	dr.	0
147		QUSEIR								1012.8	+1.3	NW	4	26.3	31	+1	23	+1	43	0	0	7	—	0	0	1	7
169		PORT SUDAN								1009.3	-0.5	SE	1	32.6	36	+2	26	+3	58	+11	1	—	—	0	0	42	108
165	North Sudan	WÂDI HALFA	1007.7	N	2	40	—	6	6	1012.5	+1.6	NNE	5	26.7	42	+3	26	+6	31	+9	4	6	Ac	3	—	—	—
166		KAREIMA	1003.7	S	1	44	—	2	6	1007.5	-1.9	S	4	34.7	45	+3	33	+10	26	+9	3	7	Ac	1	0	1	2
167		'ATBARA								1007.2	-0.9	SW	3	36.0	42	+1	30	+7	42	+28	0	—	—	0	0	5	4
168		KHARTÛM	1003.8	SE	1	40	—	3	7	1009.8	+1.8	SSW	4	31.5	41	-1	27	+3	42	+22	3	8	Ci, Ac	1	0	25	6
170		KASSALA	1002.7	S	2	38	—	2	6	1008.0	+0.5	S	2	32.3	39	-2	30	+5	49	+12	2	8	Ac	0	0	29	16
171	Central Sudan	WAD MEDANI								1009.5	+1.8	NNW	1	28.9	40	-2	26	+3	53	+31	3	—	—	8	dr.	58	18
173		DUEIM								1009.4	+0.8	NE	3	30.8	41	0	28	+6	45	+18	3	—	—	2	dr.	35	17
182		RENK																									
172		ROSEIRES								1009.8	+1.3	S	2	29.2	35	-4	25	+2	52	+9	2	—	—	2	dr.	3	69
174		EL OBEID								1010.8	+1.2	SW	2	27.8	42	+3	24	+3	44	+5	3	8	Cs, Ac	1	0	23	25
175		EL FÂSHER								—	—	SW	3	26.5	44	+6	24	+4	59	+34	0	—	—	0	0	0	10
176	S. Sudan	MALAKÂL	—	ESE	3	35	—	4	6	—	—	SW	2	27.8	37	0	24	+1	63	+1	4	8	Sc	1	dr.	108	140
177		WAU								1012.4	+3.1	W	3	24.9	36	+1	24	+2	84	+12	3	—	—	2	7	264	270
178		JÛBA	1010.4	ESE	1	34	—	4	8	1013.6	+2.3	SSE	3	24.6	34	0	21	-1	76	-4	4	8	Sc, Cb	8	26	359	319
179 / 180		Geneina / Gallabat								—	—	SE	2	24.3	40	—	23	—	53	—	4	8	As	1	0	—	—

Upper Wind Observations on 8-5-1937 ارصاد الرياح العليا يوم ٨-٥-١٩٣٧

Height metres above M.S.L.	Salum 07h00m Dir.	Kms/hr	Matruh 07h00m Dir.	Kms/hr	Cairo 07h45m Dir.	Kms/hr	Helwan 08h30m Dir.	Kms/hr	Asyut 07h00m Dir.	Kms/hr	Aswan 07h00m Dir.	Kms/hr	Wadi Halfa 07h00m Dir.	Kms/hr	Kareima 05h00m Dir.	Kms/hr	Khartum 06h00m Dir.	Kms/hr	Kassala 07h00m Dir.	Kms/hr	El Obeid 06h00m Dir.	Kms/hr	Juba 06h00m Dir.	Kms/hr	Geneina 07h00m Dir.	Kms/hr	Ismalia R.A.F. 07h00m Dir.	Kms/hr	Aboukir R.A.F. 07h00m Dir.	Kms/hr
200	270	14	300	19	290	5	180	2	—	—	—	—	30	45	—	—	—	—	—	—	—	—	—	—	—	—	130	16	230	13
500	—	—	300	19	210	12	10	9	20	10	0	17	30	2	150	27	160	24	210	34	—	—	310	5	—	—	40	13	270	8
1000	310	22	280	31	150	24	320	28	0	32	30	34	20	68	150	37	190	29	220	40	240	35	260	24	—	—	320	31	320	11
1500	300	31	270	31	150	26	330	26	290	30	—	—	30	37	140	37	180	48	220	34	160	26	250	26	290	14	310	43	280	27
2000	Ent. Cu.				110	30	290	30	270	56	340	13			130	23	160	27	220	11	110	24	240	26	60	11	260	37	270	34
3000							260	51			20	90			140	8	10	5	120	18	70	29	210	34	60	56	250	53		
4000															90	11			70	21	50	31					250	101		
5000																			70	5	20	24								
6000																														

Forecast for 24 hours from noon on 8th

On the coast moderate to fresh west to northwest winds.
Inland moderate northwest winds becoming north to northeast later.
Some low cloud, decreasing.
Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٨
رياح معتدلة الى شديدة نوعا على الساحل غربية الى شمالية غربية
ورياح معتدلة شمالية غربية تتحول الى الشمال أو الشمال الشرقي فيما بعد في الداخل.
يظهر بعض السحاب المنخفض ثم يتناقص
ويستمر الطقس مائلا للبرودة.

Station	Mean of day: Humidity % on 7th	Diff. from normal	Wet bulb temp. °C on 7th	Diff. from normal
Alexandria	72	+3	16.4	-0.1
Ezbekiya	66	+13	17.3	-0.8
Giza	71	+19	17.6	+0.1
Helwân	55	+16	15.7	+0.9

Giza Grass minimum on 8th 8.8 °C

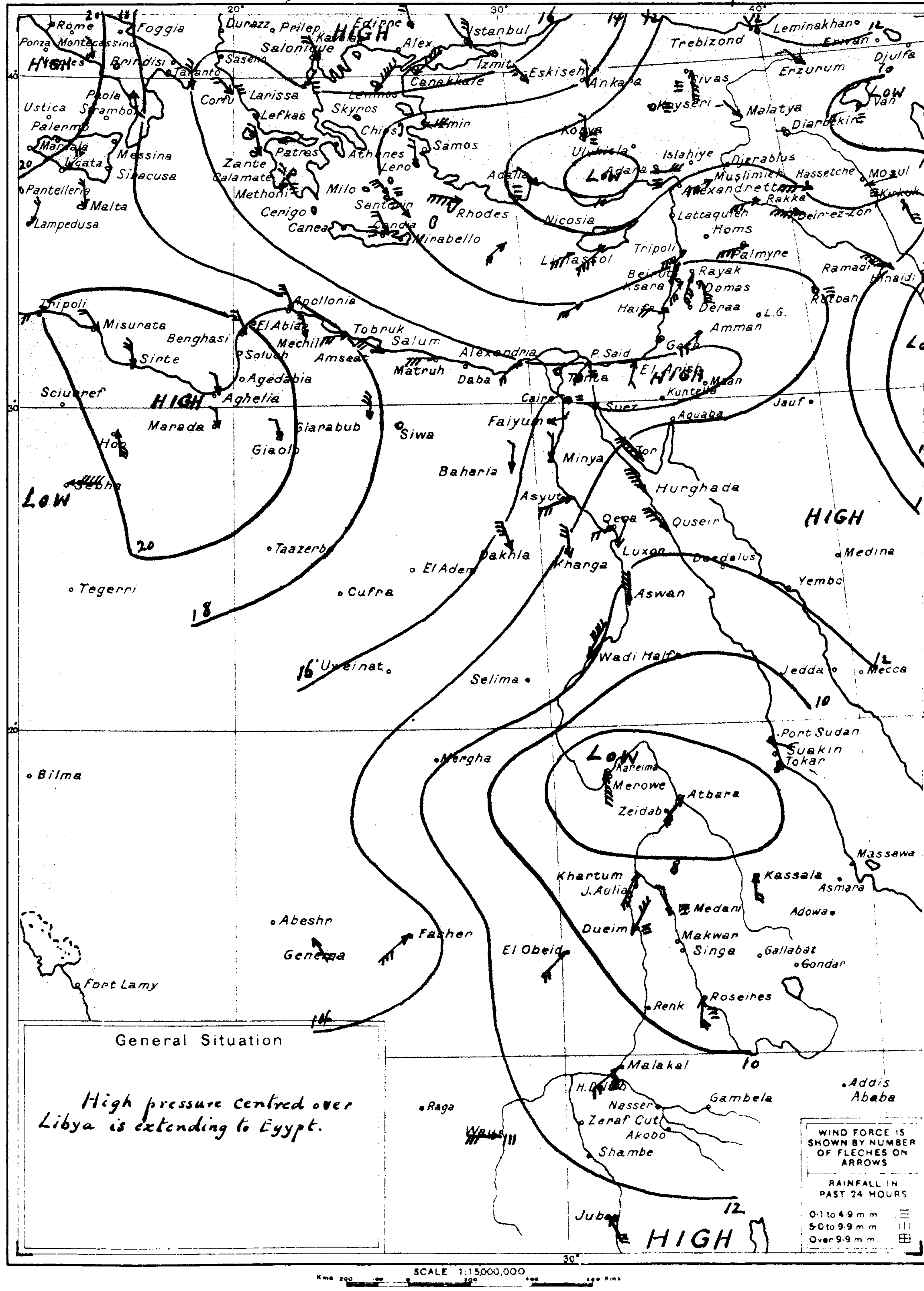
Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
8-5	809	1040
7-5	810	1042

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Jûba	8-5	13.64	+0.14	13.35	-0.14
Nâsser	7-5	5.59	-0.29	5.59	-0.24
Malakâl	8-5	9.96	-0.14	9.94	-0.15
Roseires	8-5	11.37	-0.20	11.37	-0.15
Sennâr Res.	7-5	12.64	—	12.97	—
Khartûm	7-5	9.99	-0.28	9.90	-0.37
Kh. el Girba					
'Atbara	8-5	9.70	-0.30	9.70	-0.30
Kajnarti	8-5	131.51	-0.35	131.52	-0.34
Wâdi Halfa					
Aswân Res.	8-5	115.58	—	115.79	—
Aswân D. S.	8-5	85.46	-0.19	85.45	-0.19
El Leisi	8-5	17.28	+0.43	17.28	+0.43
Roda (Cairo)	8-5	15.77	+0.29	15.79	+0.31

Printed by the Survey of Egypt 1936. (36/530)

١٩٣٧/٥/٨ Pressure and Wind at 8h 8.5.1937.



General Situation

High pressure centred over Libya is extending to Egypt.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h on 7.5.1937. الساعة ٨ يوم ١٩٣٧/٥/٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1011	-2	W	5	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.2	0.0	WNW	1	24.3	35	+8	20	+5	75	+14	3	—	—	—	0	361	642	حيفا
Gaza	1013.5	+1.6	—	0	21.8	38	+12	19	+5	82	+19	2	5	—	1	0	395	374	غزة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. m. 05 05
sunset h. m. 18 37

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

DAILY WEATHER REPORT

Month *May* 1937 ١٩٣٧ شهر مايو

No.	Region	STATION	14h. on 8th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h. on Sunday 9th: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1017.4	NNE	5	18.5	71	3	6	1017.0	+1.9	WNW	3	16.9	21	—	12	—	74	—	0	6	Cu	1	0	105	—
131		MATRÛH	1016.2	WNW	5	19.2	77	0	6	1015.6	+1.7	W	3	18.2	20	-5	14	-1	78	+5	2	6	Sc	1	0	182	157
150		DIKHEILA	1016.9	NW	2	21.1	65	0	—	1016.7	—	WNW	2	19.4	22	—	17	—	66	—	2	9	Cu	2	0	—	—
132		ALEXANDRIA	1016.3	WNW	4	23.5	60	0	9	1015.2	+1.3	W	2	19.2	24	-2	16	-1	70	-1	2	9	Cu	2	0	167	189
159		DAMIETTA								1014.6	—	SSW	1	20.2	27	—	14	—	70	—	3	8	Cu	1	0	75	115
134		PORT SAÎD	1015.5	NNE	4	24.7	47	0	7	1014.7	+2.3	WNW	4	21.0	25	-1	16	-2	69	+1	2	7	Cu	1	0	38	80
135		EL 'ARÎSH	1014.6	NNW	3	22.8	60	0	7	1014.2	—	SSE	1	23.3	24	—	14	—	59	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1015.5	+1.4	WSW	1	20.0	28	-2	15	+1	65	+1	3	7	Cu	1	0	78	109
137		MANSÛRA								1014.8	—	NW	1	19.8	29	-2	14	-1	67	+4	1	7	Cs	1	0	45	56
138		TANTA								1015.2	+0.8	—	0	21.0	29	-3	13	-2	67	+7	4	6	As	2	0	54	47
139		ZAGÂZÎG	1014.7	WNW	3	27.9	31	0	8	1015.5	—	WNW	1	20.9	28	-3	13	-1	69	+6	1	8	Cc	2	0	20	27
141	MIDDLE EGYPT (CAIRO)	ALMÂZA	1014.4	W	3	27.9	32	1	8	1015.2	—	WNW	3	19.4	29	—	13	—	74	—	1	8	Sc	0	0	—	—
		EZBEKÎYA	1013.9	NW	2	28.4	32	0	8	1015.0	+2.1	NW	1	20.8	29	-2	16	0	70	+9	0	5	Cs	0	0	18	32
		GÎZA	1013.4	W	2	28.5	29	0	7	1014.7	+1.0	NNW	2	19.0	29	-2	12	-1	77	+17	1	6	Sc	1	0	16	29
143		HELWÂN	1013.9	NW	4	27.4	22	0	8	1014.7	+1.5	NW	2	18.9	28	-3	16	-1	68	+18	6	5	—	0	0	17	34
144		SUEZ								1014.4	+1.5	WNW	2	22.0	30	-1	18	0	87	+19	0	6	—	0	0	13	25
153	UPPER EGYPT	FAIYÛM	1014.0	NW	2	28.9	26	0	8	1015.4	+2.2	NE	1	22.7	31	-2	15	-1	51	+2	0	7	—	0	0	6	11
154		MINYA	1013.4	NNW	3	29.8	28	1	6	1014.4	+1.4	NNE	4	22.8	31	-2	18	+3	47	-8	0	6	—	0	0	16	—
155		ASYÛT	1012.8	NNW	3	30.0	25	4	8	1013.8	+1.2	NNW	3	22.3	31	-3	17	-1	52	+12	0	7	—	0	0	dr.	5
156		QENA	1010.4	WNW	2	36.2	21	3	8	1011.8	+0.1	WNW	1	26.0	36	-2	21	+2	42	+4	4	7	Cu	2	0	dr.	—
157		LUXOR	1010.0	NNE	2	38.8	28	3	7	1011.2	—	—	0	27.5	39	—	20	—	37	—	4	7	As	2	0	dr.	—
158		ASWÂN	1006.6	N	5	39.0	16	1	8	1010.0	-1.2	N	3	27.5	40	+1	24	+3	30	+1	1	8	Ci	1	0	1	—
148	WESTERN DESERT	SÎWA	1016.0	W	3	27.0	49	0	6	1017.8	+3.7	—	0	20.1	28	-4	12	-3	71	+16	0	6	Ci	0	0	29	7
149		BAHARÎYA	1014.6	N	3	28.0	36	0	9	1015.8	—	NNE	1	21.3	30	—	15	—	65	—	0	9	—	0	0	26	—
151		KHÂRGA	1011.4	N	3	31.6	47	0	9	1012.7	+0.8	N	4	25.0	32	-5	19	0	56	+16	3	9	St	1	0	0	0
152		DÂKHLA	1013.8	NNW	3	29.5	44	0	8	1014.6	+2.1	—	0	26.4	32	-5	19	+2	46	+11	0	7	—	0	0	dr.	—
145	RED SEA	TÔR								1011.8	+0.4	NW	5	23.3	27	-3	19	0	66	-3	0	6	—	0	0	14	14
146		HURGHÂDA								1011.5	+0.1	NNW	4	25.0	30	-2	18	-1	37	-10	0	5	—	1	0	dr.	0
147		QUSEIR								1012.7	+1.2	NW	5	25.8	30	0	23	+1	47	+4	4	7	Ns	0	0	1	7
169		PORT SUDAN	1008.7	SSW	3	34.0	—	4	—	1009.6	-0.1	N	2	30.7	38	+4	27	+4	74	+28	3	—	—	1	0	42	108
165	NORTH SUDAN	WÂDI HALFA	1008.8	SE	3	37	—	6	6	1010.7	-0.1	N	3	26.6	38	-1	24	+4	31	+9	2	8	Cc,As	1	—	—	—
166		KAREIMA	1004.1	SSE	1	41	—	2	8	1007.1	-2.3	N	2	36.0	44	+2	30	+7	10	-7	2	8	Ci,Ac	2	0	1	2
167		'ATBARA	1003.4	SE	2	40.8	—	2	—	1008.3	+0.2	E	2	31.0	42	+1	28	+4	48	+34	5	—	—	0	0	5	4
168		KHARTÛM	1004.7	ESE	5	40	—	6	6	1007.9	-0.1	W	2	30.4	40	-2	28	+3	53	+32	3	7	Ac	1	1	26	6
170		KASSALA	1002.4	SE	2	39	—	4	8	1006.3	-1.3	SSE	1	30.0	41	0	27	+2	—	—	4	8	As	1	dr.	29	16
171	CENTRAL SUDAN	WAD MEDANI	1004.1	WNW	1	37.1	—	3	—	1007.9	+0.2	E	1	31.2	39	-3	29	+6	40	+17	3	—	—	2	dr.	58	18
173		DUEIM	1005.4	SW	3	38.9	—	2	—	1008.8	+0.2	SW	3	33.2	39	-2	29	+7	37	+10	1	—	—	1	0	35	17
182		RENK																									
172		ROSEIRES	1005.1	WNW	3	37.8	—	2	—	1007.8	-0.8	NW	2	31.2	38	-1	26	+3	45	+1	2	—	—	1	dr.	3	71
174		EL OBEID	1006.7	SW	3	36	—	3	8	1008.7	-0.9	NW	2	30.0	38	-1	25	+4	59	+19	3	8	Ac	1	dr.	23	25
175		EL FÂSHER								—	—	WNW	1	31.5	39	+1	20	0	35	+9	0	—	—	0	0	0	10
176	S. SUDAN	MALAKÂL	—	W	3	36	—	4	8	—	—	SSW	6	27.2	36	0	24	+1	69	+6	4	8	Cu,Sc	1	6	114	142
177		WÂU	1005.3	WSW	1	—	—	2	—	1008.6	-0.7	S	3	27.4	35	0	24	+2	70	-3	1	—	—	1	0	264	275
178		JÛBA	1010.0	S	3	35	—	3	7	1011.4	0.0	NE	2	24.6	35	+1	22	0	76	-4	4	8	Cu,Sc	8	dr.	359	323
179		Geneina	—	SSE	2	33	—	4	8	—	—	SW	2	26.0	40	—	20	—	55	—	4	8	Ac	1	0	—	—
180		Gallabat																									

Upper Wind Observations on 9-5-1937 ارصاد الرياح العليا يوم ٩ - ٥ - ١٩٣٧

Dir. = direction E. of N.; Kms = kilometres per hour.

Height metres above M.S.L.	Salum 07h00m Dir.	Kms	Matruh 07h00m Dir.	Kms	Dikheila 07h15m Dir.	Kms	Almaza 07h30m Dir.	Kms	Cairo 08h00m Dir.	Kms	Helwan 08h30m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 07h00m Dir.	Kms	Kareima h. m. Dir.	Kms	Khartum 06h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Juba 06h00m Dir.	Kms	Geneina 07h00m Dir.	Kms
200	270	11	300	17	290	15	340	9	320	11	320	25	—	—	—	—	10	31	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	310	20	300	13	30	6	70	4	310	20	0	16	10	31	60	37	80	14	50	24	190	34	—	—	0	13	—	—
1000	320	22	310	27			290	15	300	14	280	13	330	22	70	19	60	34	150	10	40	29	210	11	210	32	330	13	—	—
1500	290	20	Ent. Sc				280	20	280	34	280	24	310	28	220	90	90	24	120	11	10	53	210	11	200	40	290	27	280	18
2000	290	43									260	31	270	52	60	15	10	18	70	29	350	14	50	21	180	31	280	18	320	11
3000																	10	18	50	21	210	14	50	31			210	32	60	19
4000																			50	14			50	42					80	29
5000																														
6000																														

Forecast for 24 hours from noon on 9th

On the coast moderate to fresh west to northwest winds.
Inland light to moderate winds from north west to northeast.
Occasional low cloud.
Remaining cool.

تغيرات الطقس المنظرة في ٢٤ ساعة من ظهر ٩
رياح بين المعتدلة والشديدة نوعا وبين غربية وشمالية غربية
على السواحل. ورياح بين الخفيفة والمعتدلة وبين شمالية
غربية وشمالية شرقية في الداخل.
ظهور بعض السحاب المنخفض احيانا.
يستمر الطقس مائلا للبرودة.

STATION	Mean of day: Humidity % on 9th	Diff from normal	Wet Bulb Temp. °C on 9th	Diff from normal
Alexandria	70	+1	16.4	-0.2
Ezbekiya	52	-1	17.7	-0.5
Gîza	56	+4	16.8	-0.8
Helwân	40	+1	14.9	0.0

Gîza Grass minimum on 9th 9.0 °C

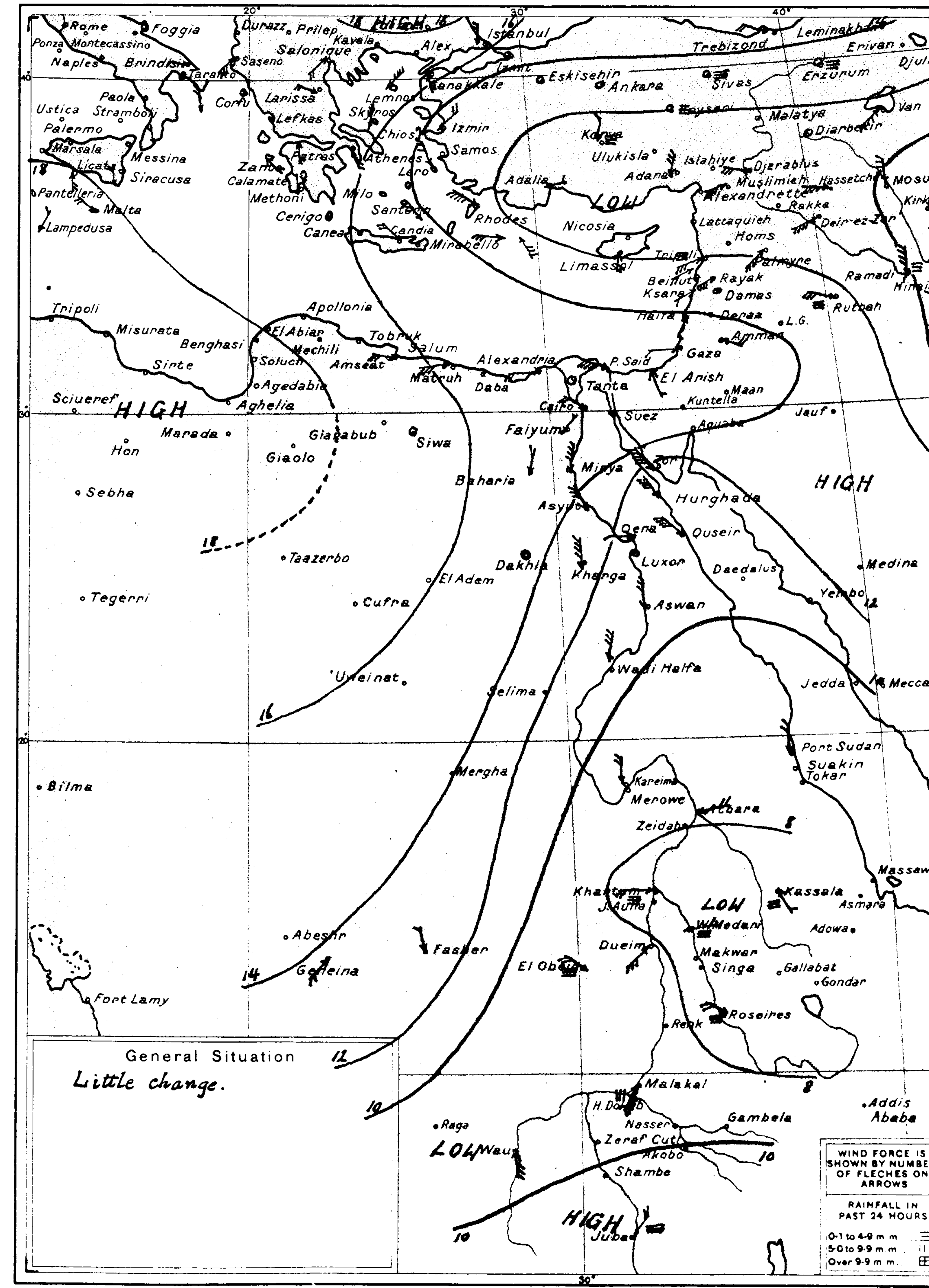
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
9-5	809	1040
8-5	809	1040

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m
Jûba	9-5	13.46	-0.04	13.64	+0.14
Nâsser	8-5	5.66	-0.26	5.59	-0.29
Malakâl	9-5	10.00	-0.11	9.96	-0.14
Roseires	9-5	11.38	-0.22	11.37	-0.20
Sennâr Res.	8-5	12.28	—	12.84	—
Khartûm	8-5	10.02	-0.25	9.99	-0.28
Kh. el Girba					
'Atbara	9-5	9.70	-0.30	9.70	-0.30
Kajnarti	9-5	131.47	-0.39	131.51	-0.35
Wâdi Halfa					
Aswân Res.	9-5	115.55	—	115.58	—
D. S.	9-5	85.44	-0.22	85.46	-0.19
El Leisi	9-5	17.28	+0.43	17.28	+0.43
Rôda (Cairo)	9-5	15.75	+0.27	15.77	+0.29

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧-٥-٩ Pressure and Wind at 8 h. 9-5-1937



General Situation

Little change.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 8-5-1937 الساعة ٨ يوم ٨ - ٥ - ١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m b	Diff. from normal m b	Wind Dir	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1013	0	SW	4	21	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1015.2	+4.0	NNW	2	22.4	24	-3	17	+1	62	+1	0	—	—	—	0	361	648	حيفا
Gaza	1015.9	+4.1	—	0	21.9	26	0	14	0	64	+1	2	6	—	1	0	895	374	غزة

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

CAIRO
Time of sunrise h. 05 m. 04
sunset h. 18 m. 38

Month *May,* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧/٥/١٠

1417 F.C.

At 14h. on 9th ٩ — الساعة ١٤ يوم | At 8h. on Monday 10th — الساعة ٨ يوم الاثنين ١٠

No.	Region	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1015.9	NNE	5	19.1	67	3	6																		
131	Mediterranean	MATRÛH	1015.4	NNW	4	19.8	70	0	6	1015.5	+1.6	NNW	4	18.1	20	-5	14	-1	69	-4	2	6	Sc	1	0	182	157
150	Mediterranean	DIKHEILA	1016.0	NW	3	21.0	60	1	—	1015.9	—	WNW	2	19.3	21	—	18	—	60	—	3	9	Cu	2	0	—	—
132	Mediterranean	ALEXANDRIA	1015.0	W	4	21.9	58	2	9	1015.1	+1.2	WNW	3	19.1	24	-2	17	0	60	-11	2	9	Cu	2	0	167	189
159	Mediterranean	DAMIETTA								1014.3	—	SW	2	20.6	26	—	14	—	68	—	2	8	Cu	1	0	75	115
134	Mediterranean	PORT SAÎD	1014.0	NNE	4	24.4	55	1	7	1014.6	+2.2	WNW	4	20.3	25	-1	17	-1	66	-2	0	7	—	0	0	38	80
	Mediterranean	EL 'ARÎSH	1013.4	NNW	4	22.0	74	0	7	1013.6	—	WSW	2	21.0	25	—	15	—	62	—	2	7	cb	0	0	—	—
	Lower Egypt	DAMANHÛR								1015.6	+1.5	WNW	3	21.2	25	-5	14	0	55	-9	2	8	Cu	1	0	78	109
137	Lower Egypt	MANSÛRA								1014.7	—	SW	1	20.5	27	-4	13	-2	65	+2	1	7	cs	1	0	45	56
138	Lower Egypt	TANTA								1015.2	+0.9	—	0	20.6	27	-5	11	-4	62	+2	1	6	ci	1	0	54	47
139	Lower Egypt	ZAGÂZÎG	1013.4	WNW	2	26.2	40	1	8	1015.5	—	WNW	2	20.9	26	-5	12	-2	65	+2	1	8	ci	1	0	20	27
141	Middle Egypt, Cairo	ALMÂZA	1014.0	W	4	26.1	42	3	8	1015.5	—	NW	2	19.8	27	—	12	—	70	—	2	8	Cu	1	0	—	—
	Middle Egypt, Cairo	EZBEKÎYA	1013.1	NNW	3	27.0	36	3	8	1015.1	+2.2	NNW	1	20.0	27	-4	15	-1	64	+3	3	6	Cu	1	0	18	32
	Middle Egypt, Cairo	GÎZA	1012.6	NW	2	27.5	32	3	7	1015.0	+1.3	NNW	2	19.0	28	-4	11	-3	72	+12	3	6	Sc	2	0	16	29
142	Middle Egypt	HELWÂN	1013.0	NW	4	24.6	31	2	8	1015.4	+2.2	NW	2	18.0	26	-6	15	-2	67	+17	6	5	Cu	0	0	17	34
144	Middle Egypt	SUEZ								1015.1	+2.2	N	2	20.0	29	-2	16	-2	93	+25	0	6	—	0	0	13	25
153	Upper Egypt	FAIYÛM	1013.4	NNW	3	27.9	28	3	8	1015.6	+2.4	N	3	19.5	29	-4	14	-2	63	+15	1	8	cu	0	0	6	11
154	Upper Egypt	MINYA	1013.1	NNW	2	28.2	27	0	7	1014.4	+1.5	NNW	2	20.7	29	-4	14	-1	60	+5	0	7	—	0	0	16	—
155	Upper Egypt	ASYÛT	1012.0	WSW	3	30.0	25	0	8	1014.4	+1.9	NW	3	22.2	31	-3	15	-3	41	+1	0	8	—	0	0	dr	5
156	Upper Egypt	QENA	1009.6	WNW	3	34.2	17	4	7	1012.4	+0.8	N	2	25.5	35	-3	18	-1	38	0	0	8	—	0	0	dr	—
157	Upper Egypt	LUXOR	1009.1	WNW	3	34.6	28	1	8	1012.6	—	NNE	4	25.3	36	—	20	—	42	—	0	8	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1007.0	N	2	37.8	20	3	8	1011.6	+0.4	N	4	26.0	39	0	23	+2	32	+7	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1015.0	SW	1	27.9	63	0	6	1016.3	+2.2	—	0	19.8	29	-3	13	-2	75	+20	0	6	—	0	0	29	7
149	Western Desert	BAHARÎYA	1014.0	W	3	27.3	39	0	9	1015.9		N	1	20.6	28	—	14	—	58	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1010.7	N	3	34.0	47	0	9	1014.0	+2.2	N	3	24.0	34	-4	18	-1	62	+22	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1012.4	NNW	3	30.1	48	0	8	1014.4	+1.9	ENE	1	25.5	31	-6	17	0	30	-5	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1011.6	+0.3	NNE	6	26.0	33	+3	22	+3	30	-39	0	6	—	0	0	14	14
146	Red Sea	HURGHADA								1013.0	+1.7	NNW	4	25.0	30	-2	17	-2	39	-8	0	6	—	0	0	dr	0
147	Red Sea	QUSEIR								1011.9	+0.5	NW	3	25.5	29	-1	24	+2	35	-8	0	7	—	0	0	1	7
169	Red Sea	PORT SUDAN	1008.6	NW	1	31.8	—	2	—	1008.6	-1.1	N	1	33.2	34	0	27	+4	65	+19	2	—	—	1	0	42	108
165	North Sudan	WÂDI HALFA	1007.7	NNW	3	36	—	4	8	1011.9	+1.1	N	3	25.8	38	-1	23	+3	36	+14	0	8	—	0	—	—	—
166	North Sudan	KAREIMA	1004.1	W	1	41	—	6	6	1007.6	-1.7	—	0	33.0	43	+1	30	+7	34	+17	6	6	ci,Ac	2	0	1	2
167	North Sudan	'ATBARA	1002.3	SW	2	33.0	—	3	—	1008.4	+0.4	SSW	2	31.0	41	0	27	+3	53	+39	3	—	—	0	9	5	4
168	North Sudan	KHARTÛM	1003.3	NNW	3	38	—	3	7	1008.3	+0.3	W	3	29.6	41	-1	24	-1	53	+31	3	8	Ac	1	dr	26	6
170	North Sudan	KASSALA	999.9	SSW	1	39	—	1	8	1006.0	-1.6	SE	1	30.4	41	0	25	0	59	+22	2	8	AC	1	dr	29	17
171	Central Sudan	WAD MEDANI	1002.0	—	0	38.0	—	3	—	1008.3	+0.6	—	0	26.0	40	-2	24	+1	73	+50	3	—	—	8	dr	58	18
173	Central Sudan	DUEIM	1003.2	N	1	38.6	—	2	—	1008.8	+0.2	N	3	28.0	41	0	25	+3	60	+33	4	—	—	4	0	35	17
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES	1006.6	WSW	2	37.4	—	3	—	1007.5	-1.2	WNW	2	26.7	37	-2	21	-2	56	+12	2	—	—	2	9	12	73
174	Central Sudan	EL OBEID	1004.0	NW	3	38	—	2	8	1007.9	-1.7	NW	3	26.9	40	+1	23	+2	63	+23	4	8	Cs,Ac	2	1	24	25
175	Central Sudan	EL FÂSHER	—	SW	2	39.0	—	3	—	—	—	SW	3	25.5	41	+3	24	+4	62	+36	1	—	—	0	0	0	10
176	S. Sudan	MALAKÂL	—	SSE	5	34	—	4	8																		
177	S. Sudan	WAU								1008.8	-0.6	W	2	25.8	35	0	24	+2	78	+5	3	—	—	1	0	264	280
178	S. Sudan	JÛBA								1010.7	-0.7	SE	3	23.2	29	-5	21	-1	91	+11	8	4	Cs	5	20	379	326
179		Geneina	—	WSW	3	38	—	3	8	—	—	N	3	23.8	40	—	23	—	46	—	3	8	As	1	0	—	—
180		Gallabat	—	W	1	30.0	—	1	—																		

Upper Wind Observations on 10.5.1937 — ارصاد الرياح العليا يوم ١٠/٥/١٩٣٧

Dir. E. of N.; Kms per hour

Height metres above M.S.L.	Salum 9th 13h00m Dir	Kms	Matruh 07h00m Dir	Kms	Dikheila 07h15m Dir	Kms	Almaza 07h15m Dir	Kms	Cairo 08h15m Dir	Kms	Helwan 08h30m Dir	Kms	Asyut 07h00m Dir	Kms	Aswan 07h00m Dir	Kms	Wadi Halfa 07h00m Dir	Kms	Geneina 07h00m Dir	Kms	Kareima 05h00m Dir	Kms	Khartum 06h00m Dir	Kms	Kassala 07h00m Dir	Kms	El Obeid 06h00m Dir	Kms	Juba 06h00m Dir	Kms
200	20	27	310	24	310	14	320	4	340	5	330	16	—	—	—	—	10	35	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	320	24	300	18	340	9	310	6	330	22	30	22	10	50	30	40	—	—	50	8	270	18	150	11	—	—	260	10
1000	330	45	320	31	310	22	330	18	330	9	330	14	350	31	10	52	40	34	—	—	—	—	250	24	120	5	210	31	200	18
1500	280	42	290	35	290	37	310	38	320	27	300	32	330	37	320	22	20	32	160	27	90	27	150	14	30	18	100	13	200	18
2000	230	18			290	38	300	18	310	49	300	41			260	20	20	37	70	5	70	31	270	5	40	24	50	23	230	23
3000									ent. cu		280	24							70	32	40	34			280	18	50	39	210	32
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 10th

On the coast moderate to fresh northwest winds. Inland moderate northwest to northeast winds.
Occasional low cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٠
رياح معتدلة الى شديدة نزعا شمالية غربية
على الساحل - ورياح معتدلة شمالية غربية
الى شمالية شرقية في الداخل
يظهر بعض السحب المنخفضة احيانا .
درجة الحرارة تقريبا كما هي

Station	Mean of day Humidity on 9th %	Diff from normal	Wet bulb temp. on 9th °C	Diff from normal
Alexandria	70	+1	16.1	-0.6
Ezbekiya	58	+5	16.8	-1.6
Giza	63	+11	16.2	-1.5
Helwân	47	+8	14.6	-0.4

Giza Grass minimum on 10th 7.5 °c

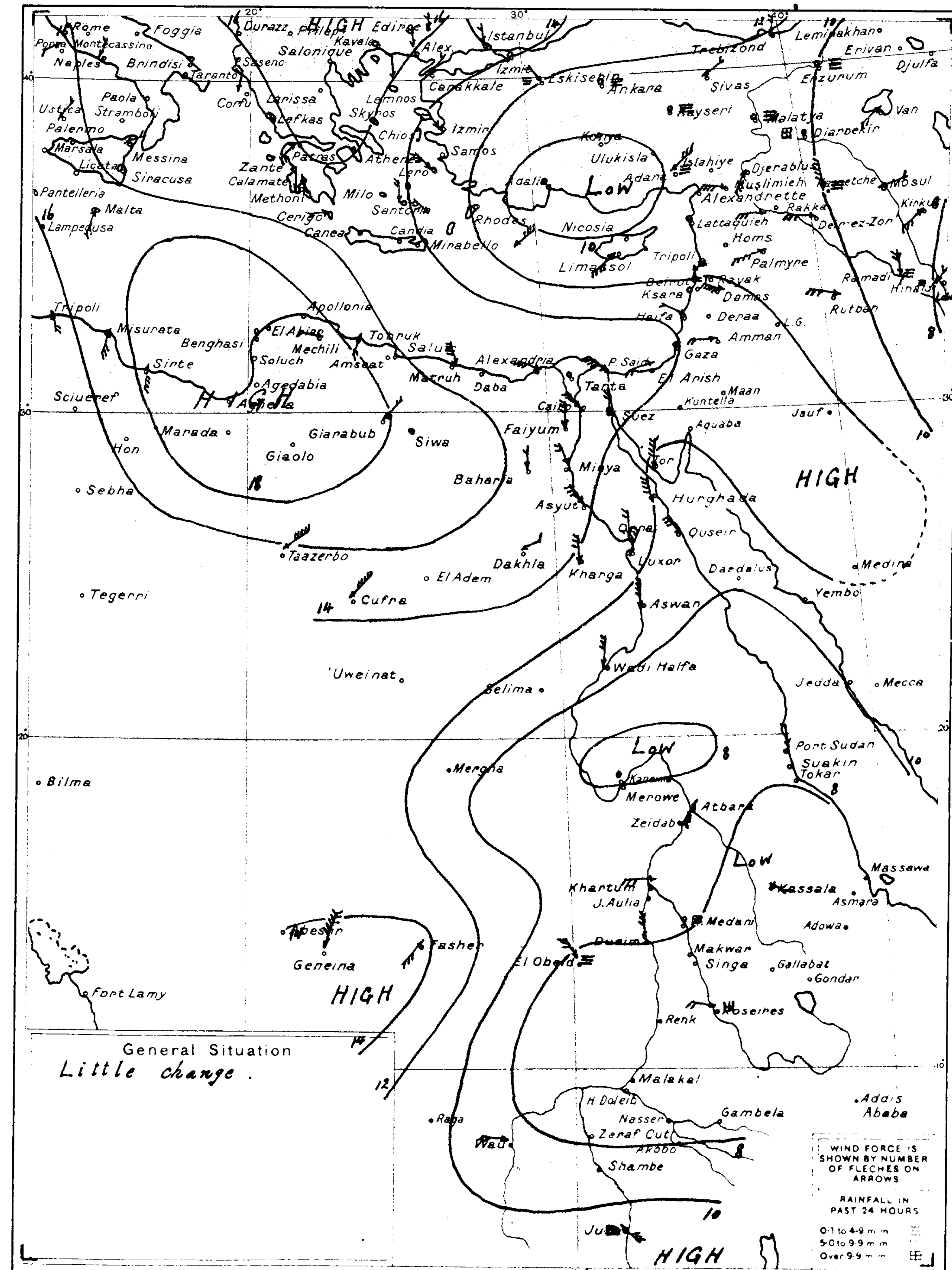
Discharges at Aswân measured by sluices m^3 per sec

Date	1937	1936
10.5	806	1041
9.5	809	1040

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	10.5	13.42	-0.09	13.46	-0.04
Nâsser	9.5	5.76	-0.20	5.66	-0.26
Malakâl	10.5	10.01	-0.11	10.00	-0.11
Roseires	10.5	11.42	-0.21	11.38	-0.22
Sennâr Res	9.5	11.94	—	12.28	—
Khartûm	9.5	10.02	-0.25	10.02	-0.25
Kh. el Girba					
'Atbara	10.5	9.73	-0.27	9.70	-0.30
Kajnarti	10.5	131.42	-0.45	131.47	-0.39
Wâdi Halfa					
Aswân Res	10.5	115.45	—	115.55	—
D.S.	10.5	85.44	-0.23	85.44	-0.22
El Leisi	10.5	17.27	+0.41	17.28	+0.43
Rôda (Cairo)	10.5	15.73	+0.25	15.75	+0.27

Printed by the Survey of Egypt 1936 (36/530)

١٩٣٧/٥/١٠ Pressure and Wind at 8h 10.5.1937.



General Situation
Little change.

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

Present Weather	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

Cloud Form	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

Hours are Egyptian Standard Time Long 30° E and are two hours fast on Greenwich Mean Time

Remarks

At 8h on 9.5.1937. — الساعة ٨ يوم ١٩٣٧/٥/٩

Station	Bar. Pressure Reduced to M.S.L. m b	Diff from normal m b	Wind Dir	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max Diff from norm. °C	Minimum Today °C	Min Diff from norm. °C	Humidity %	Humidity Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr Oct 1 to yesterday m.m.	Normal fr Oct 1 to yesterday m.m.	مرصد
Limasol	1012	-1	S	2	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.1	+4.0	SSW	1	24.2	25	-2	16	0	81	+20	1	—	—	—	0	361	642	حيفا
Gaza	1013.9	+2.1	—	0	23.8	27	+1	14	0	58	-5	0	9	—	0	0	395	374	غزه

Annual Subscription
Inland Post P.T. 100
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CAIRO
Time of sunrise h. m. 05 04
sunset h. m. 18 39

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on *10th* — الساعة ١٤ يوم ١٠ ; At 8h. on *Tuesday 11th* — الساعة ٨ يوم الثلاثاء ١١

No.	Station	Region	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	Mediterranean																									
131	MATRÛH	Mediterranean	1016.4	NNW	3	19.4	59	4	6	1017.0	+3.1	W	2	17.9	21	-4	13	-2	80	+7	0	6	—	0	0	182	167
150	DIKHEILA	Mediterranean																									
132	ALEXANDRIA	Mediterranean	1015.9	NW	4	21.9	50	3	9	1016.4	+2.5	NW	2	18.8	23	-3	17	0	60	-11	1	9	Cu	2	0	167	189
159	DAMIETTA	Mediterranean								1015.5	—	W	1	21.4	25	—	14	—	61	—	1	8	Cu	1	0	75	115
134	PORT SAÎD	Mediterranean	1015.1	NNE	4	23.3	57	0	7	1016.0	+3.6	WNW	4	19.8	24	-2	16	-2	54	-14	1	7	Sc	1	0	38	80
135	EL 'ARÎSH	Mediterranean	1013.9	NNW	4	22.0	59	0	7	1015.1	—	—	0	23.0	23	—	14	—	53	—	0	7	—	0	0	—	—
136	DAMANHÛR	Lower Egypt								1016.3	+2.2	WNW	2	21.2	25	-5	—	—	48	-15	2	8	Cu	1	0	78	109
137	MANSÛRA	Lower Egypt								1015.9	—	N	1	19.9	26	-5	13	-2	50	-13	0	8	Ci	1	0	45	56
138	TANTA	Lower Egypt								1016.4	+2.1	N	2	20.2	27	-6	11	-4	53	-7	0	7	—	0	0	54	47
139	ZAGÂZÎG	Lower Egypt	1014.2	WNW	3	25.8	35	1	8	1016.2	—	NW	1	20.3	27	-4	13	-1	52	-11	0	8	—	0	0	20	27
141	ALMÂZA (Cairo)	Middle Egypt	1014.2	NW	3	25.8	41	3	8	1016.3	—	NNW	2	18.5	27	—	11	—	58	—	0	7	Cu	0	0	—	—
	EZBEKÎYA (Cairo)	Middle Egypt	1013.9	WNW	1	26.0	39	1	8	1015.9	+3.0	NNE	1	20.3	27	-4	14	-2	56	-5	0	6	—	0	0	18	32
	GÎZA (Cairo)	Middle Egypt	1013.5	N	1	25.9	33	2	7	1016.2	+2.6	N	1	18.4	27	-5	11	-3	66	+6	0	6	—	0	0	16	29
143	HELWÂN	Middle Egypt	1013.9	NW	4	24.6	30	1	8	1016.2	+3.0	N	3	18.1	25	-7	14	-3	54	+4	6	6	Cu	0	0	17	34
144	SUEZ	Middle Egypt								1015.9	+3.1	N	1	20.0	27	-5	16	-2	90	+22	0	6	Ci	0	0	13	25
153	FAIYÛM	Upper Egypt	—	NNW	4	27.5	26	0	8	1016.4	+3.2	N	4	19.8	28	-6	15	-1	53	+5	0	8	—	0	0	6	11
154	MINYA	Upper Egypt	1013.3	NNW	3	27.8	28	0	8	1016.0	+3.1	N	3	19.1	28	-5	13	-2	61	+6	0	6	—	0	0	16	—
155	ASYÛT	Upper Egypt	1009.6	NNW	3	28.0	22	0	8	1015.6	+3.1	SW	3	22.5	29	-5	15	-3	44	+4	0	8	—	0	0	dr.	5
156	QENA	Upper Egypt	1010.3	N	2	33.0	19	0	9	1013.9	+2.4	NNW	2	25.5	34	-4	18	-1	33	-5	0	8	—	0	0	dr.	—
157	LUXOR	Upper Egypt	1010.3	WNW	2	32.5	37	0	8	1014.2	—	NNW	3	25.8	33	—	18	—	49	—	0	8	—	0	0	dr.	—
158	ASWÂN	Upper Egypt	1008.4	N	6	33.3	26	0	8	1013.3	+2.1	N	3	24.0	34	-5	20	-2	41	+12	1	8	Ci	1	0	1	—
148	SÎWA	Western Desert	1015.5	NW	3	27.4	32	0	6	1016.4	+2.4	—	0	20.1	28	-5	11	-4	55	0	0	6	—	0	0	29	7
149	BAHARÎYA	Western Desert	1014.4	NNW	2	27.2	42	1	9	1017.1	—	N	1	18.4	28	—	13	—	67	—	0	9	—	0	0	26	—
151	KHÂRGA	Western Desert	1011.5	N	3	30.6	56	0	9	1014.0	+2.3	N	3	22.8	31	-7	18	-2	65	+25	0	9	—	0	0	0	0
152	DÂKHLA	Western Desert	1012.8	NNW	3	29.3	19	0	8	1015.9	+3.5	ESE	2	23.7	30	-7	19	+1	34	-1	0	7	—	0	0	dr.	—
145	TÔR	Red Sea								1012.8	+1.6	NW	5	22.8	30	0	21	+2	60	-9	0	6	—	0	0	14	14
146	HURGHÂDA	Red Sea								1013.3	+2.0	NNW	3	24.6	29	-3	18	-1	39	-8	0	7	—	0	0	dr.	0
147	QUSEIR	Red Sea								1012.7	+1.4	NW	5	25	—	—	—	—	—	—	0	7	—	0	—	1	7
169	PORT SUDAN	Red Sea	1008.4	NE	4	31.2	—	3	—																		
165	WÂDI HALFA	North Sudan	1010.0	N	5	34	—	0	8	1013.6	+2.8	N	3	24.0	35	-4	20	0	33	+11	0	8	—	0	—	—	—
166	KAREIMA	North Sudan	1004.3	—	0	41	—	1	7																		
167	'ATBARA	North Sudan	1001.6	S	3	32.0	—	2	—																		
168	KHARTÛM	North Sudan	1002.7	S	2	39	—	3	8	1008.1	+0.1	WNW	2	30.0	40	-2	26	+1	53	+31	4	7	Sc	2	dr.	26	6
170	KASSALA	North Sudan	999.6	NE	1	39	—	2	8	1004.3	-3.3	NNE	2	32.0	40	-1	26	+1	49	+18	1	8	Ac	0	0	29	17
171	WAD MEDANI	Central Sudan	1003.2	SSW	1	35.0	—	3	—	1006.7	-1.0	ENE	1	31.2	39	-3	26	+2	40	+17	3	—	—	—	0	58	19
173	DUEIM	Central Sudan	1007.5	NW	1	34.0	—	1	—	1007.4	-1.2	NW	3	30.2	38	-3	27	+5	45	+17	4	—	—	2	0	35	18
182	RENK	Central Sudan																									
172	ROSEIRES	Central Sudan	1002.8	N	2	38.7	—	2	—	1006.3	-2.4	NSW	2	28.9	40	+1	23	0	58	+13	2	—	—	1	2	14	74
174	EL OBEID	Central Sudan	1004.9	NNW	2	36	—	3	8	1008.0	-1.6	SW	1	28.1	37	-2	26	+4	57	+16	4	8	Cs, Sc	9	0	24	26
175	EL FÂSHER	Central Sudan								—	—	NE	4	30.0	39	+1	25	+6	11	-16	1	—	—	0	0	0	11
176	MALAKÂL	S. Sudan	—	NNW	3	36	—	2	7	—	—	WNW	1	27.5	37	+1	24	+1	69	+5	4	8	Sc	0	0	114	148
177	WÂU	S. Sudan								1007.2	-2.2	NW	2	22.5	33	-2	21	-1	87	+14	4	—	—	2	5	269	284
178	JÛBA	S. Sudan																									
179	*Geneina*									—	—	ENE	3	29.4	40	—	18	—	14	—	3	7	Cs	0	0	—	—
180	*Gallabat*																										

Upper Wind Observations on *11-5-1937* — ارصاد الرياح العليا يوم ١١-٥-١٩٣٧

Dir. = Dir. E. of N.; Kms = Kms per hour

Height metres above M.S.L.	Matruh 07h00m Dir.	Kms	Almaza 07h30m Dir.	Kms	Cairo 08h00m Dir.	Kms	Helwan 08h30m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 07h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Ismalia 07h00m Dir.	Kms	Abukir 07h00m Dir.	Kms	Amman 07h00m Dir.	Kms	h. m. Dir.	Kms
200	310	16	0	4	10	4	10	10	—	—	—	—	30	29	—	—	—	—	—	—	—	—	340	14	300	11	—	—		
500	310	17	10	18	10	13	20	13	30	26	0	58	30	50	10	27	40	21	—	—	—	—	30	5	310	14	—	—		
1000	340	7	70	9	20	12	30	11	350	34	0	26	30	37	20	29	0	21	20	8	—	—	20	8	320	19	290	10		
1500	310	12	330	19	310	11	350	22	330	48	310	23	350	34	30	34	310	21	60	37	60	51	340	8	320	26	280	10		
2000	310	31	310	26	320	30	320	28			300	17	310	61	60	53	20	8	30	24	80	23	300	16	300	37	250	10		
3000							290	43			290	15					80	21	30	34	100	23	280	27	300	27	230	—		
4000																							280	40			210	84		
5000																							290	47						
6000																							260	79						

Forecast for 24 hours from noon on *11th*

On the coast moderate northwest to north winds.
Inland moderate north winds, becoming fresh northeast.
Clear or occasional low cloud.
Slightly warmer, but temperature remaining well below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١١
رياح معتدلة بين شمالية غربية وشمالية على السواحل.
ورياح معتدلة شمالية ثم تصير شمالية شرقية وتشتد نوعا في الداخل.
السماء صحو أو يظهر بعض السحاب المنخفضة احيانا.
ترتفع درجة الحرارة قليلا ولكنها تظل دون المعدل كثيرا.

Station	Mean of day Humidity on 10th	Diff. from normal	Wet bulb temp. °C on 10th	Diff. from normal
Alexandria	59	-10	14.9	-1.9
Ezbekiya	56	+3	16.2	-2.3
Giza	61	+9	15.5	-2.3
Helwân	49	+10	14.4	-0.7

Giza Grass minimum on 11th 7.5 °c

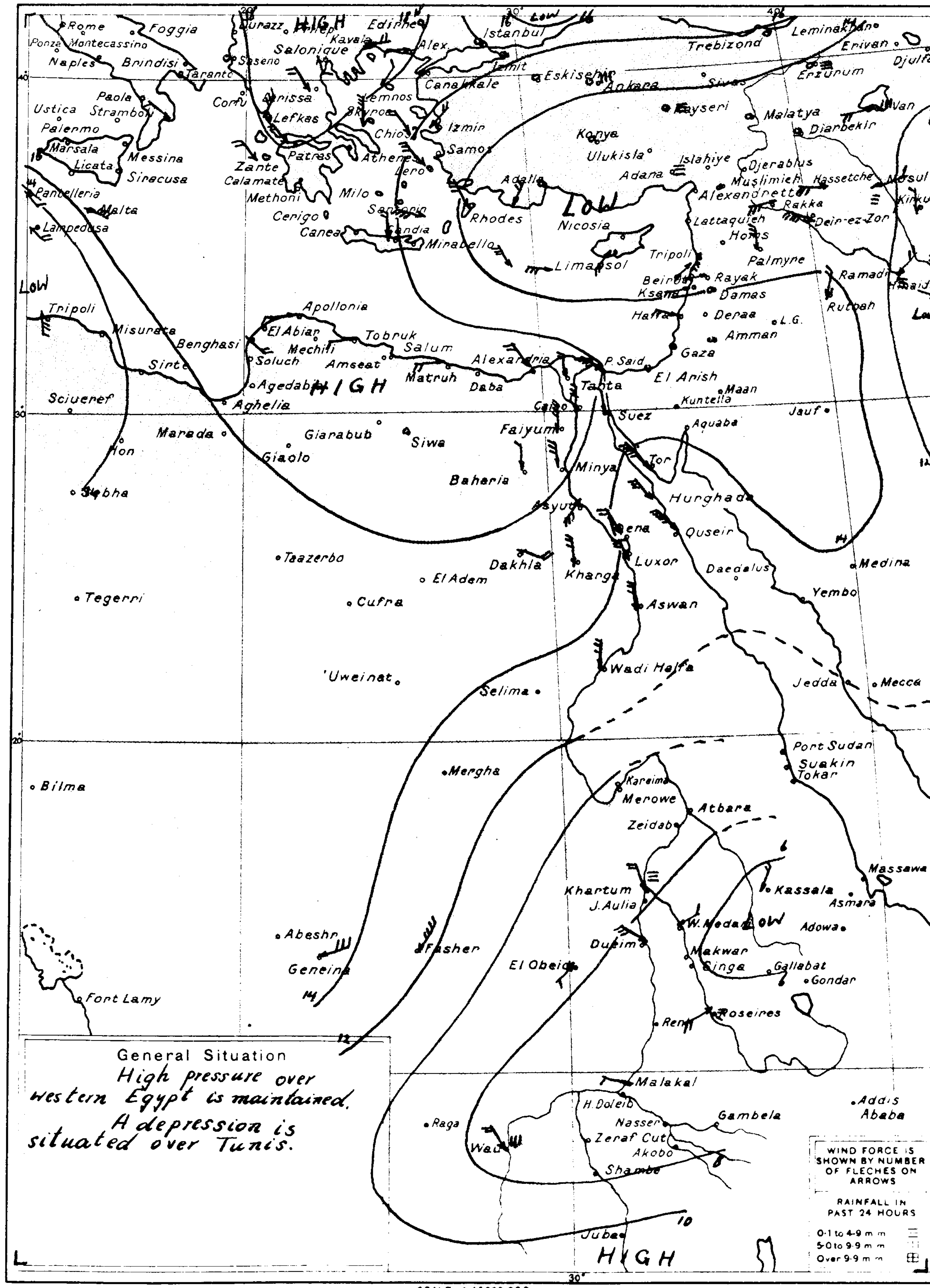
Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
11-5	845	1143
10-5	806	1041

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	10-5	13.42	-0.09	13.46	-0.04
Nâsser	10-5	5.83	-0.17	5.76	-0.20
Malakâl	11-5	10.04	-0.09	10.01	-0.11
Roseires	11-5	11.47	-0.21	11.42	-0.21
Sennâr Res.	10-5	11.59	—	11.94	—
Khartûm	10-5	10.05	-0.22	10.02	-0.25
Kh. el Girba					
'Atbara	10-5	9.73	-0.27	9.70	-0.30
Kajnarti	10-5	131.42	-0.45	131.47	-0.39
Wâdi Halfa					
Aswân Res.	11-5	115.37	—	115.45	—
D. S.	11-5	85.51	-0.18	85.44	-0.23
El Leisi	11-5	17.27	+0.41	17.27	+0.41
Rôda (Cairo)	11-5	15.73	+0.25	15.73	+0.25

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8 h. *11-5-1937* — ١١-٥-١٩٣٧



General Situation
High pressure over western Egypt is maintained.
A depression is situated over Tunis.

At 8 h. on *10-5-1937* — الساعة ٨ يوم ١٠-٥-١٩٣٧

Station	مرصد	Bar. Reduced to M.S.L. m b	Diff. from Normal m b	Wind Dir	Force	Dry Bulb °C	Max. Yester-day °C	Diff from norm. °C	Min. To day °C	Diff from norm. °C	Humidity %	Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Past 24 hours m	Total fr Oct 1 to yesterday m	Normal fr Oct 1 to yesterday m
Limasol	ليماسول	1012	-1	SW	4	19	—	—	—	—	—	—	0	—	—	—	—	—	—
Haifa	حيفا	1013.5	+2.5	WNW	1	22.7	24	-3	17	+1	91	+30	0	—	—	—	0	361	648
Gaza	غزة	1013.9	+2.1	—	0	20.2	26	0	14	0	78	+15	0	9	—	0	0	395	374

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise 05h 03m
sunset 18h 39m

Month *May,* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

No.		STATION	At 14h. on 11th (الساعة ١٤ يوم ١١) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Wednesday 12th (الساعة ٨ يوم الأربعاء ١٢) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall m.m. Past 24 hours	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1018.7	NE	4	18.9	72	2	7	1019.1	+4.3	N	2	17.2	20	—	12	—	77	—	1	5	Cu	0	0	105	—
131		MATRÛH	1017.2	NNW	4	19.8	69	0	6	1017.5	+3.6	N	2	18.4	20	-5	14	-1	73	0	1	6	Sc	1	0	182	157
150		DIKHEILA	1017.6	NW	4	20.9	50	4	—	1017.7	—	NNW	2	19.8	22	—	19	—	63	—	2	8	Cu	0	0	—	—
132		ALEXANDRIA	1017.1	NW	4	24.2	62	2	9	1017.0	-3.1	NW	2	19.1	24	-4	17	0	62	-9	2	9	Cu	2	0	167	189
159		DAMIETTA								1015.6	—	NW	2	20.8	26	—	14	—	65	—	2	8	Cu	1	0	75	115
134		PORT SAÏD	1016.0	NNW	4	23.8	44	0	7	1016.2	+3.8	WNW	4	20.4	25	-1	17	-1	65	-3	0	7	—	1	0	38	80
135		EL 'ARÎSH	1015.2	NNW	4	22.0	58	0	7	1015.6	—	WSW	1	21.0	23	—	15	—	58	—	1	7	Cu	1	0	—	—
136	Lower Egypt	DAMANHÛR								1016.8	+2.7	WSW	3	21.8	25	-5	14	0	53	-10	3	8	Cu	1	0	78	109
137		MANSÛRA								1015.9	—	NNW	1	19.7	26	-5	13	-2	62	-1	1	7	Cs	1	0	45	56
138		TANTA	—	N	4	23.8	37	3	8	1016.8	+2.5	NW	2	21.2	26	-7	11	-4	62	+2	3	8	Cu	1	0	54	47
139		ZAGÂZÎG	1015.6	NNW	2	25.8	33	1	8	1016.8	—	WNW	1	20.2	26	-6	10	-4	62	-1	1	8	Sc	1	0	20	27
141	Middle Egypt (Cairo)	ALMÂZA	1015.6	NW	4	24.4	29	2	7	1017.0	—	N	1	19.0	26	—	11	—	63	—	1	7	Cu	0	0	—	—
		EZBEKÎYA	1015.2	NNE	2	25.6	36	1	8	1016.7	+3.8	NNW	1	21.0	27	-5	14	-2	57	-4	1	7	Sc	1	0	18	32
		GÎZA	1014.6	NW	2	25.5	33	1	7	1016.7	+3.1	N	1	19.4	26	-6	10	-4	61	+1	1	6	Cu	1	0	16	29
143		HELWÂN	1015.0	WNW	5	23.7	26	0	7	1016.7	+3.5	NW	1	17.8	25	-7	13	-4	62	+12	0	6	—	0	0	17	34
144		SUEZ								1016.6	+3.8	N	1	19.0	26	-6	16	-2	92	+24	0	6	Ci	0	0	13	25
153	Upper Egypt	FAIYÛM	1015.6	N	3	25.3	23	0	8	1016.4	+3.2	NNE	2	20.0	27	-7	12	-4	53	+5	0	6	—	0	0	6	11
154		MINYA	1015.0	NW	4	26.8	31	0	7	1016.7	+3.9	N	2	19.0	27	-7	13	-3	56	+1	0	7	—	0	0	16	—
155		ASYÛT	1014.0	NW	3	27.2	25	0	8	1016.4	+3.9	SW	2	22.0	28	-6	16	-2	43	+3	0	8	—	0	0	dr	5
156		QENA	1011.6	NNW	2	31.5	18	0	9	1013.4	+2.0	NNW	3	24.8	32	-6	16	-3	28	-10	0	8	—	0	0	dr	—
157		LUXOR	1011.9	NNW	3	31.2	37	0	8	1014.0	—	NNE	5	24.2	32	—	15	—	50	—	0	8	—	0	0	dr	—
158		ASWÂN	1010.2	N	4	31.0	31	0	8	1013.4	+2.3	N	4	23.3	33	-6	18	-4	38	+9	1	8	Ci	1	0	1	—
148	Western Desert	SÎWA	1016.7	N	1	26.3	31	0	6	1018.0	+4.0	—	0	21.1	29	-4	13	-2	65	+11	0	6	—	0	0	29	7
149		BAHARÎYA	1015.5	NNW	3	26.1	42	0	9	1017.4	—	E	1	20.3	27	—	11	—	55	—	0	9	—	0	0	26	—
151		KHÂRGA	1013.3	N	5	30.0	57	0	9	1016.0	+4.4	N	4	22.4	30	-8	18	-2	70	+30	0	9	—	0	0	0	
152		DÂKHLA	1014.0	NNW	4	28.8	29	0	8	1017.5	+5.1	—	0	22.3	30	-8	15	-3	57	+22	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1013.0	+1.9	NW	5	22.3	27	-3	20	+1	56	-13	0	6	—	0	0	14	14
146		HURGHÂDA								1013.9	+2.7	NW	4	23.7	29	-3	16	-3	42	-5	0	7	—	1	0	dr	0
147		QUSEIR																									
169		PORT SUDAN	1008.0	N	3	31.5	—	4	—	1010.4	+0.8	N	3	30.2	37	+3	24	+1	61	+16	1	—	—	0	0	42	108
165	North Sudan	WÂDI HALFA	1012.1	N	5	32	—	2	7	1014.8	+4.1	N	3	22.0	33	-6	19	-1	36	+14	4	8	Cs	1	—	—	—
166		KAREIMA	1006.1	W	2	33	—	4	9	1010.8	+1.6	NE	4	27.6	40	-2	22	-1	14	-3	3	8	Ci	1	0	7	2
167		'ATBARA	1002.8	N	2	34.0	—	5	—	1007.5	-0.5	N	3	29.0	37	-5	25	+1	14	0	3	—	—	0	0	5	5
168		KHARTÛM	1004.3	NE	4	39	—	4	8	1009.0	+1.0	N	5	29.7	40	-2	23	-2	16	-7	4	7	Cc, Ac	1	0	26	6
170		KASSALA	1005.4	NE	1	37	—	4	8	1005.4	-2.3	—	0	31.6	38	-3	24	-1	43	+6	2	8	Ac	0	0	29	17
171	Central Sudan	WAD MEDANI	1002.0	N	3	40.0	—	2	[illegible]	1008.0	+0.2	—	0	28.0	41	-1	25	+1	47	+23	3	—	—	2	dr	58	19
173		DUEIM	1004.1	NW	1	38.2	—	3	—	1009.6	+1.0	NW	3	29.4	39	-2	25	+2	25	-4	4	—	—	2	0	35	18
182		RENK																									
172		ROSEIRES	1005.5	SSW	1	37.7	—	2	—	1010.4	+1.6	SSE	2	24.8	39	0	24	+1	79	+34	2	—	—	2	dr	14	76
174		EL OBEID	1001.3	W	3	39	—	0	8	1009.5	-0.1	NW	3	27.7	39	0	25	+3	63	+22	3	8	Ci, Ac	1	0	24	26
175		EL FÂSHER	—	NE	4	40	—	2	—	—	—	SSE	1	27.0	41	+3	27	+7	15	-12	1	—	—	0	0	0	11
176	S. Sudan	MALAKÂL	—	NNW	1	36	—	4	8	—	—	SSW	2	24.2	38	+2	21	-2	91	+27	4	8	Sc	6	22	136	151
177		WÂU								1010.2	+0.7	SW	3	23.8	35	0	22	+1	97	+24	3	—	—	2	34	303	289
178		JÛBA																									
179 180		Geneina Gallabat	—	W	1	31.6	—	1	—	—	—	E	1	25.4	38	—	23	—	54	—	3	7	Ci, Ac	1	0	—	—

Upper Wind Observations on 12.5.1937. ارصاد الرياح العليا يوم ١٢/٥/١٩٣٧

Height metres above M.S.L.	Salûm 07h00m Dir. E. of N.	Kms. per hour	Matruh 07h00m Dir.	Kms.	Dikheila 07h15m Dir.	Kms.	Almaza 07h15m Dir.	Kms.	Cairo 07h45m Dir.	Kms.	Helwan 08h15m Dir.	Kms.	Asyut 07h00m Dir.	Kms.	Aswan 07h00m Dir.	Kms.	Wadi Halfa 06h00m Dir.	Kms.	Kareima 05h00m Dir.	Kms.	Khartûm 05h00m Dir.	Kms.	Kassala 07h00m Dir.	Kms.	El Obeid 06h00m Dir.	Kms.	Geneina 06h00m Dir.	Kms.	Salum 11th 13h00m Dir.	Kms.
300	320	8	290	13	320	22	0	4	10	10	320	11	—	—	—	—	20	32	—	—	—	—	—	—	—	—	—	—	40	20
500	—	—	310	15	330	17	40	9	10	18	330	16	30	28	350	48	10	43	20	58	10	50	—	—	—	—	—	—	—	—
1000	0	7	ent.	St	320	16	340	21	350	18	350	25	0	27	350	28	10	37	30	48	10	76	—	—	300	27	—	—	300	13
1500	340	23			320	32	330	34	340	42	340	38	340	39	300	29	340	47	330	37	10	43	—	—	10	40	0	37	280	27
2000	300	22			310	43	320	37	340	42	320	37					330	27	310	29	30	16	210	10	30	43	80	50	300	9
3000					300	33					310	48					340	43	300	21	20	27	80	14	70	43	120	43		
4000																			320	40					60	40				
5000																														
6000																														

Forecast for 24 hours from noon on 12th
Moderate winds between northwest and northeast.
Occasional low cloud.
Slightly warmer but temperature remaining below normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٢
رياح معتدلة ما بين الشمالية الغربية والشمالية الشرقية — يظهر بعض السحاب المنخفض احيانا
ويدفأ الطقس قليلا الا ان درجة الحرارة تستمر أقل من المعتاد فى هذا الأوان.

STATION	Mean of day Humidity % on 11th	Diff. from normal	Wet Bulb Temp. °C on 11th	Diff. from normal
Alexandria	65	-5	15.7	-1.2
Ezbekiya	52	-1	15.6	-3.0
Gîza	57	+5	15.0	-2.9
Helwân	44	+5	13.6	-1.5

Gîza Grass minimum on 12th 6.4 °C

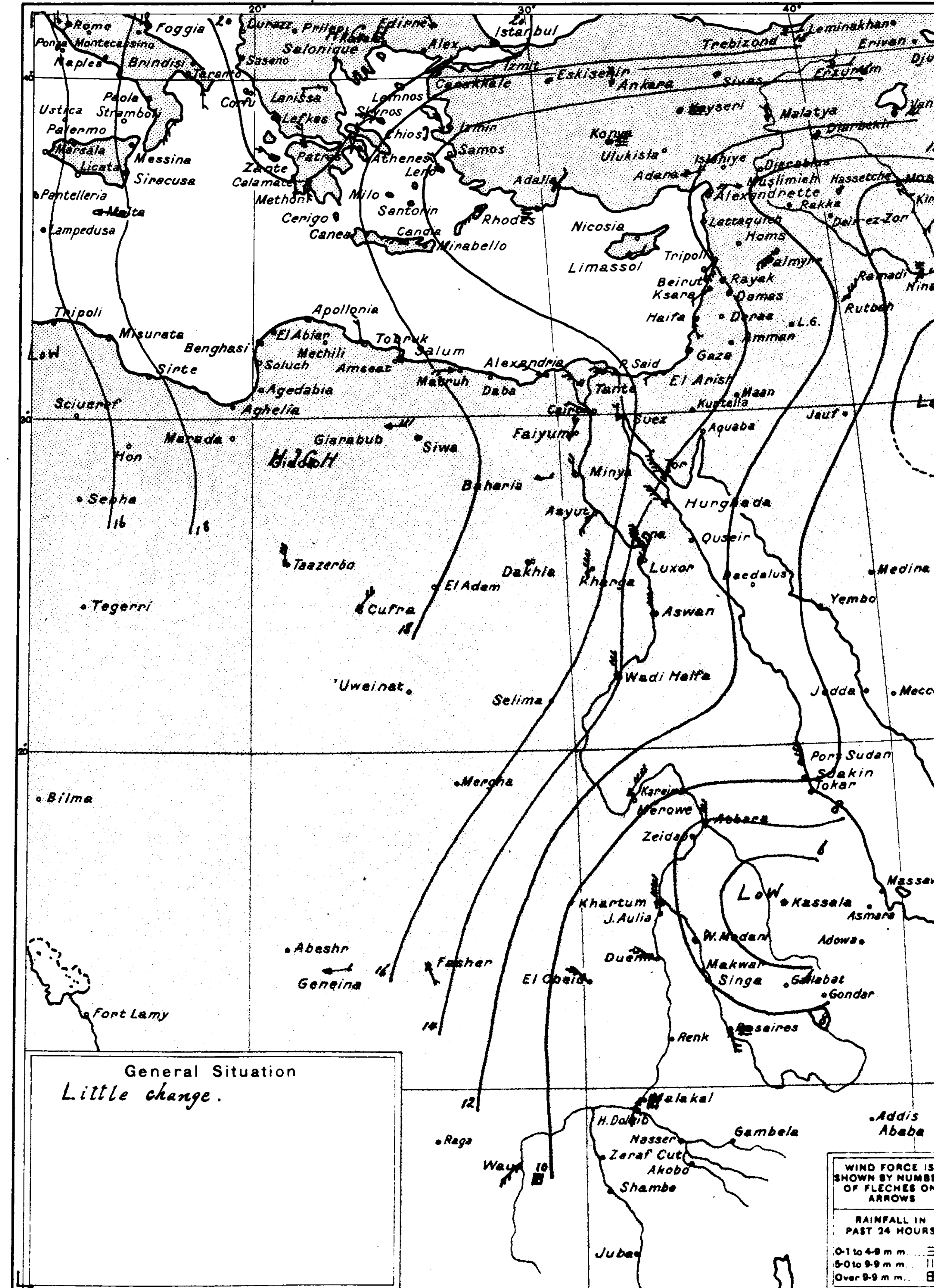
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
12.5	844	1142
11.5	845	1143

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11.5	13.64	+0.12	13.42	-0.09
Nâsser	11.5	5.88	+0.14	5.83	+0.17
Malakâl	12.5	10.08	-0.07	10.04	-0.09
Roseires	12.5	11.59	+0.13	11.47	+0.21
Sennâr Res.	11.5	11.23		11.59	
Khartûm	11.5	10.02	-0.25	10.05	-0.22
Kh. el Girba					
'Atbara	12.5	9.78	-0.23	9.76	-0.25
Kajnarti	11.5	131.40	-0.47	131.42	-0.45
Wâdi Halfa					
Aswân Res.	12.5	115.26		115.37	
,, D. S.	12.5	85.52	-0.19	85.51	+0.18
El Leisi	12.5	17.27	+0.41	17.27	+0.41
Rôda (Cairo)	12.5	15.78	+0.22	15.73	+0.25

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧/٥/١٢ Pressure and Wind at 8 h. 12.5.1937.



General Situation
Little change.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

STATION	At 8h. on 11.5.1937 (الساعة ٨ يوم ١١/٥/١٩٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall m.m. Past 24 hours	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1013	0	SW	3	19	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.2	+4.2	NNW	2	20.7	24	-3	14	-2	55	-7	1	—	—	—	0	361	642	حيفا
Gaza	1015.0	+3.3	—	0	20.1	25	-1	13	-1	71	+8	0	9	—	0	0	395	374	غزة
Salum	1018.3	+3.4	NNW	2	17.2	20	—	12	—	75	—	1	6	Cu	1	0	105	—	السلوم

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise h. 05 m. 02
sunset h. 18 m. 40

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month May, 1937 — ١٩٣٧ — شهر مايو

١٩٣٧/٥/١٣ Pressure and Wind at 8 h. 13.5.1937.

1417 F.C.

		STATION	At 14h. on 12th (الساعة ١٤ يوم ١٢) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 13th (الساعة ٨ يوم الخميس ١٣) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALŪM	1019.6	NNE	3	18.6	70	1	7	1018.2	+3.5	NNW	1	17.7	21	—	12	—	74	—	0	5	—	0	0	105	—
131		MATRŪH	1018.3	NNW	3	20.1	69	0	6	1017.0	+3.2	WNW	2	17.8	21	-4	14	-2	81	+8	0	6	—	0	0	182	157
150		DIKHEILA	1018.3	NW	4	20.4	61	1	—	1017.6	—	NNE	3	19.3	22	—	18	—	69	—	4	8	Cu	1	0	—	—
132		ALEXANDRIA	1017.5	NW	5	22.0	51	0	9	1016.8	+3.0	NE	2	19.6	23	-3	17	0	70	-1	3	8	Cu	2	0	167	189
159		DAMIETTA								1016.0	—	NNW	2	22.0	25	—	14	—	68	—	2	8	Cu	1	0	75	115
134		PORT SAÏD	1016.6	NW	4	23.8	56	0	7	1016.3	+4.0	NW	3	20.2	25	-1	17	-1	71	+3	0	7	—	0	0	38	80
135		EL 'ARÎSH	1015.8	NNW	4	21.6	69	0	7	1015.6	—	WSW	1	21.5	22	—	14	—	62		0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHŪR								1016.7	+2.6	NNW	1	22.0	24	-6	14	0	61	-2	3	8	Cu	1	0	78	109
137		MANSŪRA								1015.9	—	NW	1	19.9	26	-5	13	-2	69	+6	1	7	CS	1	0	45	56
138		TANTA	1016.2	NW	2	25.2	32	2	8	1016.4	+2.1	NW	1	20.8	27	-6	12	-4	67	+7	3	8	Cu	1	0	54	47
139		ZAGÂZIG	1015.9	NNW	2	26.1	34	1	8	1016.7	—	SW	1	20.9	26	-6	12	-3	67	+4	1	8	CS	2	0	20	27
141	MIDDLE EGYPT	CAIRO: ALMAZA	1016.7	NNW	2	25.0	31	2	8	1017.0	—	NNW	2	19.8	26	—	12	—	63	—	2	8	Sc	1	0	—	—
		CAIRO: EZBEKÎYA	1015.8	NNE	2	26.1	37	2	8	1016.2	+3.3	NNW	1	21.3	27	-5	14	-2	62	+1	1	6	Cu	0	0	18	32
		CAIRO: GÎZA	1015.2	N	2	25.4	32	2	7	1016.3	+2.7	NE	1	20.2	27	-5	11	-3	66	+6	1	6	Cu	1	0	16	29
143		HELWÂN	1015.9	NNW	3	24.2	28	2	8	1016.4	+3.3	NW	1	17.8	25	-7	14	-3	58	+8	1	6	Cc	0	0	17	34
144		SUEZ								1016.2	+3.4	N	2	19.3	26	-6	16	-2	94	+26	0	6	CS	1	0	13	25
153	UPPER EGYPT	FAIYŪM	1014.3	NNW	3	26.7	25	1	8	1016.7	+3.5	NNE	2	20.0	27	-7	13	-4	57	+9	2	7	Ac	1	0	6	11
154		MINYA	1015.8	N	3	27.3	30	0	9	1016.0	+3.3	N	2	20.1	28	-6	13	-3	63	+8	1	7	Cu	1	0	16	—
155		ASYŪT	1014.8	NW	3	27.0	22	0	8	1015.6	+3.2	W	2	20.6	28	-7	14	-4	47	+7	0	7	—	0	0	dr	5
156		QENA	1011.8	NNW	1	31.8	21	2	8	1013.8	+2.5	N	2	24.2	32	-6	16	-3	35	-3	3	7	Cu	1	0	dr	—
157		LUXOR	1011.8	NNW	5	31.2	40	2	8	1013.6	—	N	2	24.7	32	—	18	—	52	—	2	8	Ac	2	0	dr	—
158		ASWÂN	1010.8	NNW	4	31.8	36	1	8	1013.3	+2.2	NNE	2	23.0	33	-6	20	-2	52	+23	1	8	Ci	1	0	1	—
148	WESTERN DESERT	SÎWA	1017.4	NW	2	28.5	28	0	6	1018.8	+4.8	—	0	21.3	28	-5	13	-2	64	+10	0	6	—	0	0	29	7
149		BAHARÎYA	1016.0	NW	3	27.3	44	0	9	1017.1	—	E	1	20.0	28	—	12	—	66	—	0	9	—	0	0	26	—
151		KHÂRGA	1014.0	N	3	29.5	59	0	9	1015.2	+3.6	N	3	23.3	30	-8	16	-4	61	+21	0	9	—	0	0	0	0
152		DÂKHLA	1015.0	NNW	3	28.2	34	0	8	1016.2	+3.9	—	0	23.2	30	-8	16	-2	36	+1	0	7	—	0	0	dr	—
145	RED SEA	TÛR								1013.0	+2.0	NW	5	22.5	26	-4	20	+1	55	-14	0	5	—	0	0	14	14
146		HURGHÂDA								1013.1	+1.9	NNW	5	23.2	29	-3	17	-2	47	0	0	6	—	1	0	dr	0
147		QUSEIR								1013.0	+1.7	NNW	5	24.0	28	-3	20	-3	44	+1	0	7	—	0	0	1	7
169		PORT SUDAN	1009.1	NE	3	31.5	—	2	—	1009.6	+0.1	N	2	30.3	35	-2	23	0	50	+5	2	—	—	0	0	42	108
165	NORTH SUDAN	WÂDI HALFA	1012.0	NW	6	30	—	6	6	1014.5	+3.8	N	3	22.4	31	-8	19	-1	36	+14	4	8	Ci,As	1	—	—	—
166		KAREIMA	1009.3	N	5	34	—	3	8	1011.3	+2.1	N	5	27.0	35	-7	23	-1	11	-6	4	8	Ci,As	2	0	1	2
167		'ATBARA								1009.0	+1.0	N	3	28.0	38	-4	24	0	33	+19	2	—	—	0	0	5	5
168		KHARTŪM	1009.0	N	5	30	—	4	7	1010.5	+2.5	N	6	28.2	41	-1	23	-2	17	-6	3	6	Ci,Ac	1	dr	26	6
170		KASSALA								1006.3	-1.4	SSE	2	31.4	39	-2	26	+1	44	+7	0	8	Ac	0	0	29	18
171	CENTRAL SUDAN	WAD MEDANI	1004.4	—	0	38.0	—	2	—	1008.8	+1.0	NNE	4	30.9	39	-3	22	-2	5	-20	1	—	—	0	0	58	20
173		DUEIM								1010.0	+1.4	N	4	29.0	38	-3	25	+2	13	-17	2	—	—	—	0	35	18
182		RENK																									
172		ROSEIRES	999.1	WNW	2	35.2	—	1	—	1009.0	+0.1	WNW	2	28.4	38	-1	23	0	60	+15	1	—	—	1	0	14	78
174		EL OBEID	1007.2	NE	3	36	—	4	8	1010.4	+0.8	NE	3	27.2	37	-2	25	+3	37	-5	4	8	Ci,Sc	1	0	24	27
175		EL FÂSHER	—	NE	3	36.0	—	0	—	—	—	N	2	28.5	37	-1	22	+2	13	-15	1	—	—	0	0	0	11
176	S. SUDAN	MALAKÂL	—	N	3	26	—	5	8	—	—	WNW	1	24.7	29	-7	22	-1	84	+19	4	8	Ac	1	3	139	154
177		WÂU								1009.8	+0.3	NW	3	24.3	30	-5	22	+1	89	+16	3	—	—	2	26	329	293
178		JÛBA																									
179		Geneina	—	N	2	36.7	—	4	—	—	—	—	0	25.1	40	—	22	—	61	—	2	8	Ac	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 13.5.1937 — ارصاد الرياح العليا يوم ١٩٣٧/٥/١٣

Height metres above M.S.L.	Salûm 07h.00m Dir. E.of N.	Kms. per hour	Matruh 07h.00m Dir. E.of N.	Kms. per hour	Dikheila 07h.30m Dir. E.of N.	Kms. per hour	Almaza 7h.15m Dir. E.of N.	Kms. per hour	Cairo 08h.00m Dir. E.of N.	Kms. per hour	Helwan 08h.15m Dir. E.of N.	Kms. per hour	Asyut 07h.00m Dir. E.of N.	Kms. per hour	Aswan 07h.00m Dir. E.of N.	Kms. per hour	Wadi Halfa 07h.00m Dir. E.of N.	Kms. per hour	Kareima 05h.00m Dir. E.of N.	Kms. per hour	Khartum 05h.00m Dir. E.of N.	Kms. per hour	Kassala 06h.00m Dir. E.of N.	Kms. per hour	El Obeid 06h.00m Dir. E.of N.	Kms. per hour	Geneina 06h.00m Dir. E.of N.	Kms. per hour	Salûm 13h.00m Dir. E.of N.	Kms. per hour
200	280	5	320	11	10	18	310	8	30	6	0	11	—	—	—	—	30	37	—	—	—	—	—	—	—	—	—	—	40	10
500	0	4	340	8	20	18	340	13	20	16	20	11	40	26	0	39	30	60	0	53	350	40	160	8	—	—	—	—	—	—
1000	0	8	340	11			10	23	20	17	0	18	0	31	10	38	0	43	0	43	350	63	170	18	20	50	—	—	320	8
1500	320	19	350	16			20	19	10	22	350	19	320	35	330	12	340	24	320	14	320	21	160	8	20	31	290	11	290	30
2000	300	22					350	22	340	28	330	26	330	30	260	11	320	24	330	19	300	21	10	8	10	35	0	14	320	26
3000	330	22					320	14			330	18							290	19	280	21	340	8	20	21	70	39		
4000											300	42							250	34	180	13			80	11	0	34		
5000																			210	32										
6000																														

Forecast for 24 hours from noon on 13th

On the coast light northerly winds becoming easterly later. Inland moderate northwest winds, becoming fresh northeasterly. Some low cloud, decreasing. Slightly warmer tomorrow, but temperature remaining much below normal.

Further outlook: Warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر ١٢
رياح خفيفة شمالية على الساحل تتحول الى الشرق فيما بعد
ورياح معتدلة شمالية غربية بعد شمالية شرقية وتشتد
نوعا في الداخل - يظهر السحاب المنخفض ثم يتناقص
ويدفأ الطقس قليلا غدا ولكن الحرارة بقى دون المعتاد
ثم تزداد حرارة الجو بعد باكر.

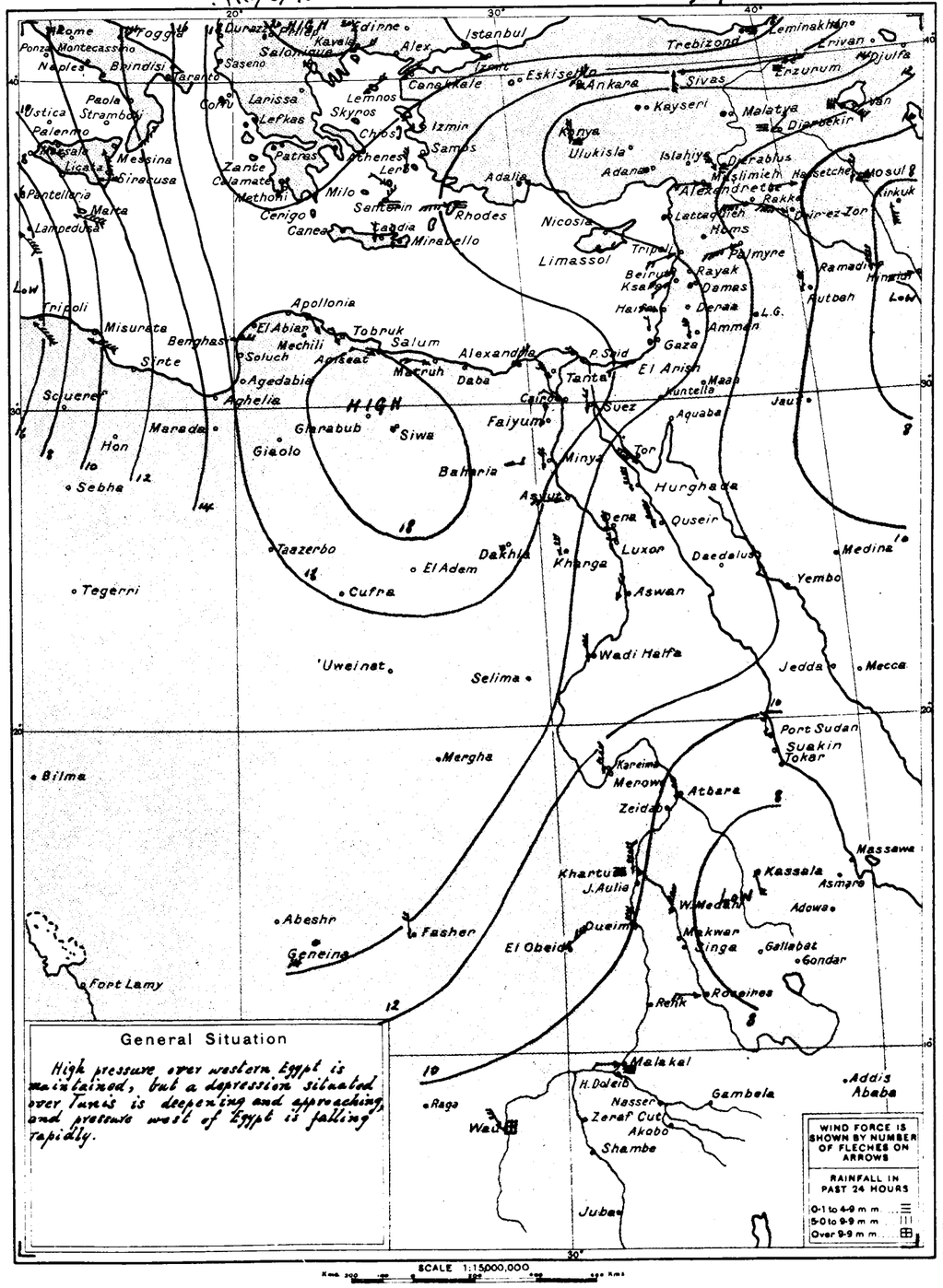
STATION	Mean of day: Humidity % on 12th	Humidity Diff. from normal	Wet Bulb Temp. °C on 12th	Wet Bulb Temp. Diff. from normal
Alexandria	65	-5	15.5	-1.5
Ezbekiya	54	+1	16.3	-2.4
Gîza	57	+5	15.2	-2.7
Helwân	45	+6	13.9	-1.3

Gîza Grass minimum on 13th 7.4 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
13.5	845	1144
12.5	844	1142

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12.5	13.78	+0.25	13.64	+0.12
Nâsser	12.5	6.12	+0.06	5.88	-0.14
Malakâl	13.5	10.11	-0.06	10.08	-0.07
Roseires	13.5	12.12	+0.37	11.59	-0.15
Sennâr Res.	12.5	10.78		11.23	
Khartûm	12.5	9.98	-0.29	10.02	-0.25
Kh. el Girba					
Atbara	12.5	9.78	+0.23	9.76	-0.25
Kajnarti	12.5	131.36	-0.51	131.40	-0.47
Wâdi Halfa					
Aswân Res.	13.5	115.14	—	115.26	-0.19
" D. S.	13.5	85.52	-0.20	85.52	-0.41
El Leisi	13.5	17.27	+0.40	17.27	+0.41
Rôda (Cairo)	13.5	15.70	+0.22	15.70	+0.22



General Situation

High pressure over western Egypt is maintained, but a depression situated over Tunis is deepening and approaching, and pressure west of Egypt is falling rapidly.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m.
5·0 to 9·9 m.m.
Over 9·9 m.m.

SCALE 1:15,000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible 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 FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

١٩٣٧/٥/١٣ At 8 h. on 12.5.1937. الساعة ٨ يوم

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مصر
Limasol	1015	+2	E	1	20	—	-1	16	0	61	-1	0	—	—	—	—	—	—	ليماسول
Haifa	1015.0	+4.0	SSE	1	21.2	26	-1	16	0	61	-1	0	—	—	—	0	361	642	حيفا
Gaza	1015.0	+3.3	—	0	20.9	24	-2	13	-2	67	+4	0	9	—	0	0	395	374	غزه

ANNUAL SUBSCRIPTION
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CAIRO

Time of sunrise h. m. 05 01

sunset h. m. 18 40

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

١٤-٥-١٩٣٧ Pressure and Wind at 8 h. *14-5-1937*

At 14 h. on *13th* — الساعة ١٤ يوم ١٣ | At 8 h. on *Friday 14th* — الساعة ٨ يوم الجمعة ١٤

No.		STATION	14 h. Barometric Pressure Reduced to M.S.L. m.b.	14 h. Wind Dir.	14 h. Wind Force	14 h. Temperature °C	14 h. Humidity %	14 h. Present Weather	14 h. Visibility	8 h. Bar. Pressure Reduced to M.S.L. m.b.	8 h. Diff. from normal m.b.	8 h. Wind Dir.	8 h. Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total 1st Oct. to yesterday m.	Normal 1st Oct. to yesterday m.
130	MEDITERRANEAN	SALÛM	1016.4	NE	2	21.5	39	3	7	1014.6	0.0	SE	1	16.9	22	—	14	—	66	—	3	6	Ci	1	0	105	—
131		MATRÛH	1015.8	N	3	20.8	66	0	6	1013.8	0.0	ENE	1	19.7	21	-4	14	-2	73	0	3	6	Sc	2	0	182	157
150		DIKHEILA	—	NNW	4	21.0	67	0	8	—	—	NNW	1	21.1	21	—	15	—	65	—	4	8	Cu	2	0	—	—
132		ALEXANDRIA	1015.9	NW	4	21.5	59	1	9	1014.0	+0.2	NE	1	19.3	24	-2	15	-2	70	-1	2	9	Cu	2	0	167	189
159		DAMIETTA								1013.5	—	WSW	1	22.4	26	—	14	—	62	—	2	8	Cu	1	0	75	115
134		PORT SAÏD	1015.2	NNW	3	23.9	55	0	7	1014.0	+1.7	SW	3	20.0	25	-1	15	-3	66	-2	1	7	Ac	1	0	38	80
135		EL 'ARÎSH	1014.3	NNW	3	22.0	66	0	7	1013.5	—	—	0	22.2	22	—	12	—	66	—	2	7	Cu	1	0	—	—
136	LOWER EGYPT	DAMANHÛR								1014.3	+0.2	W	1	22.1	25	-5	13	-1	63	0	3	8	Cu	1	0	78	109
137		MANSÛRA								1014.0	—	SE	1	20.2	26	-6	13	-3	64	+1	0	7	Ci	1	0	45	56
138		TANTA	1014.7	W	3	24.3	47	3	8	1013.9	-0.3	NW	1	21.4	26	-7	11	-5	63	+3	2	8	Ci	0	0	54	47
139		ZAGÂZÎG	1014.0	NNW	1	25.4	38	1	8	1014.3	—	ESE	1	21.6	26	-6	12	-3	63	0	1	8	Cs	1	0	20	27
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1016.2	NNW	2	25.6	25	3	8	1014.3	.	ENE	2	20.7	27	—	13	—	63	—	3	8	Cs	1	0	—	—
	CAIRO	EZBEKÎYA	1013.8	N	2	27.0	38	3	8	1013.5	+0.6	—	0	22.1	28	-4	14	-2	60	-1	1	7	Ci	0	0	18	32
	CAIRO	GÎZA	1013.3	N	1	27.0	41	3	7	1013.6	0.0	NE	1	20.5	28	-4	12	-2	69	+9	2	6	Cs	2	0	16	29
143		HELWÂN	1013.6	N	3	24.9	29	2	6	1013.8	+0.7	NNE	1	20.0	26	-6	14	-3	57	+7	2	7	Ci	0	0	17	34
144		SUEZ								1013.9	+1.2	NNW	2	20.6	28	-4	16	-2	92	+24	0	6	Ci	0	0	13	25
153	UPPER EGYPT	FAIYÛM	1014.2	NNE	3	26.3	30	1	8	1013.9	+0.8	NNE	2	20.4	27	-7	15	-2	63	+15	3	7	Cu	1	0	6	11
154		MINYA	1013.4	N	3	26.8	33	0	8	1013.1	+0.4	NE	1	20.5	28	-6	15	-1	64	+9	1	9	Cu	1	0	16	—
155		ASYÛT	1012.8	W	3	27.6	21	0	8	1013.1	+0.7	WSW	2	22.0	29	-6	15	-3	43	+3	0	8	—	0	0	dr	5
156		QENA	1010.3	NNW	1	32.0	16	0	8	1011.9	+0.7	W	1	23.8	33	-5	17	-3	33	-5	0	8	—	0	0	dr	—
157		LUXOR	1011.0	NNW	3	31.3	38	0	8	1011.8	—	NW	1	25.4	32	—	14	—	49	—	1	8	As	1	0	dr	—
158		ASWÂN	1009.3	NW	3	30.9	38	0	8	1011.8	+0.8	NNW	1	24.3	33	-6	17	-5	37	+8	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1015.1	—	0	28.0	35	0	6	1012.7	-1.2	—	0	19.6	30	-3	13	-2	56	+2	0	6	Ci	1	0	29	7
149		BAHARÎYA	1014.4	N	2	27.2	43	0	9	1014.4	—	E	2	21.3	28	—	13	—	60	—	3	9	Ci	1	0	26	—
151		KHÂRGA	1009.1	N	2	29.6	57	0	9	1013.0	+1.5	N	1	22.8	30	-8	13	-7	67	+27	0	9	—	0	0	0	0
152		DÂKHLA	1012.4	NNW	4	28.7	26	0	8	1013.9	+1.6	ENE	2	23.9	30	-8	14	-4	33	-2	0	7	—	0	0	dr	—
145	RED SEA	TÔR								1011.2	+0.2	NW	5	22.4	25	-6	15	-4	67	-2	0	6	—	0	0	14	14
146		HURGHÂDA								1013.1	+1.9	NNW	3	23.8	27	-5	16	-4	46	-1	0	7	—	0	0	dr	0
147		QUSEIR								1011.1	-0.2	NW	4	25.7	27	-4	19	-4	42	-2	0	7	—	0	0	1	7
169		PORT SUDAN								1009.4	0.0	NW	2	29.0	39	+4	24	+1	57	+13	2	—	—	0	0	42	108
165	NORTH SUDAN	WÂDI HALFA								1012.8	+2.2	N	3	21.6	31	-8	16	-4	29	+7	0	8	—	0	—	—	—
166		KAREIMA								1010.5	-1.3	NNE	4	27.0	33	-9	17	-7	6	-11	1	8	Ci, Ac	1	0	1	2
167		'ATBARA								1009.6	+1.6	NNW	3	27.0	37	-5	22	-2	20	+6	4	—	—	0	0	5	5
168		KHARTÛM								1009.1	+1.1	N	3	27.0	39	-3	23	-2	20	-4	3	7	Sc	1	0	26	6
170		KASSALA								1005.1	-2.7	ESE	1	31.3	40	-1	24	-1	53	+15	1	8	Ci	0	0	29	18
171	CENTRAL SUDAN	WAD MEDANI								1007.6	-0.2	N	2	31.0	39	-3	19	-5	5	-20	2	—	—	0	0	58	20
173		DUEIM								1008.3	-0.4	N	4	29.2	38	-3	23	0	15	-15	2	—	—	1	0	35	19
182		RENK																									
172		ROSEIRES								1006.8	-2.1	WNW	2	29.6	39	0	20	-3	15	-31	1	—	—	1	0	14	80
174		EL OBEID								1009.5	-0.1	NE	3	28.5	37	-2	21	-1	37	-5	3	8	Ci, Ac	1	0	24	27
175		EL FÂSHER								—	—	N	1	26.0	39	+1	22	+2	19	-9	1	—	—	0	0	0	11
176	S. SUDAN	MALAKÂL								—	—	NW	2	28.2	37	+1	21	-2	63	-2	4	8	As	0	0	139	156
177		WÂU								1008.7	-0.8	NW	3	26.4	35	0	22	+1	77	+3	2	—	—	1	0	329	298
178		JÛBA								1011.2	-0.4	S	4	25.1	33	-1	23	+2	84	+4	4	7	Sc	1	0	422	340
179		Geneina								—	—	S	2	22.3	36	—	21	—	22	—	1	7	Ac	0	0	—	—
180		Gallabat																									

Upper Wind Observations on *14.5.1937* — ارصاد الرياح العليا يوم ١٤/٥/١٩٣٧

Height metres above M.S.L.; Dir. E. of N.; Kms per hour.

Height	Dikheila 07h 30m Dir.	Kms	Almaza 07h 30m Dir.	Kms	Wadi Halfa 06h 00m Dir.	Kms	Kareima 05h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Kassala 07h 00m Dir.	Kms	El Obeid 06h 00m Dir.	Kms	Geneina 07h 00m Dir.	Kms	Juba 06h 00m Dir.	Kms	Ismailia R.A.F. Dir.	Kms	Abu Kir R.A.F. Dir.	Kms	Heliopolis R.A.F. Dir.	Kms	Ramleh R.A.F. Dir.	Kms	Amman R.A.F. Dir.	Kms	Salum 13h 00m Dir.	Kms
200	350	7	60	16	40	29	—	—	—	—	—	—	—	—	—	—	—	—	280	5	350	11	70	13	90	3	—	—	90	7
500	0	9	70	15	30	47	10	35	350	40	10	18	—	—	—	—	100	32	50	6	340	8	50	11	310	2	—	—	350	13
1000			340	24	20	31	0	24	350	53	10	8	20	47	—	—	120	27	90	5	330	8	300	18	330	8	Calm		250	14
1500			340	19	350	23	0	16	350	31	130	6	10	34	210	8	180	16	350	16	20	14	350	21	290	5	250	14	310	19
2000			330	13	320	26	350	10	350	27	100	8	230	19	140	8	340	5	330	19	330	19	320	11	280	6	250	18	330	17
3000			330	18	320	19	250	14			210	16					300	18	210	3	340	31	320	35	240	27	230	31		
4000							240	23			230	14							330	58							240	31		
5000							260	31			210	11															230	58		
6000																														

Forecast for 24 hours from noon on ...

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

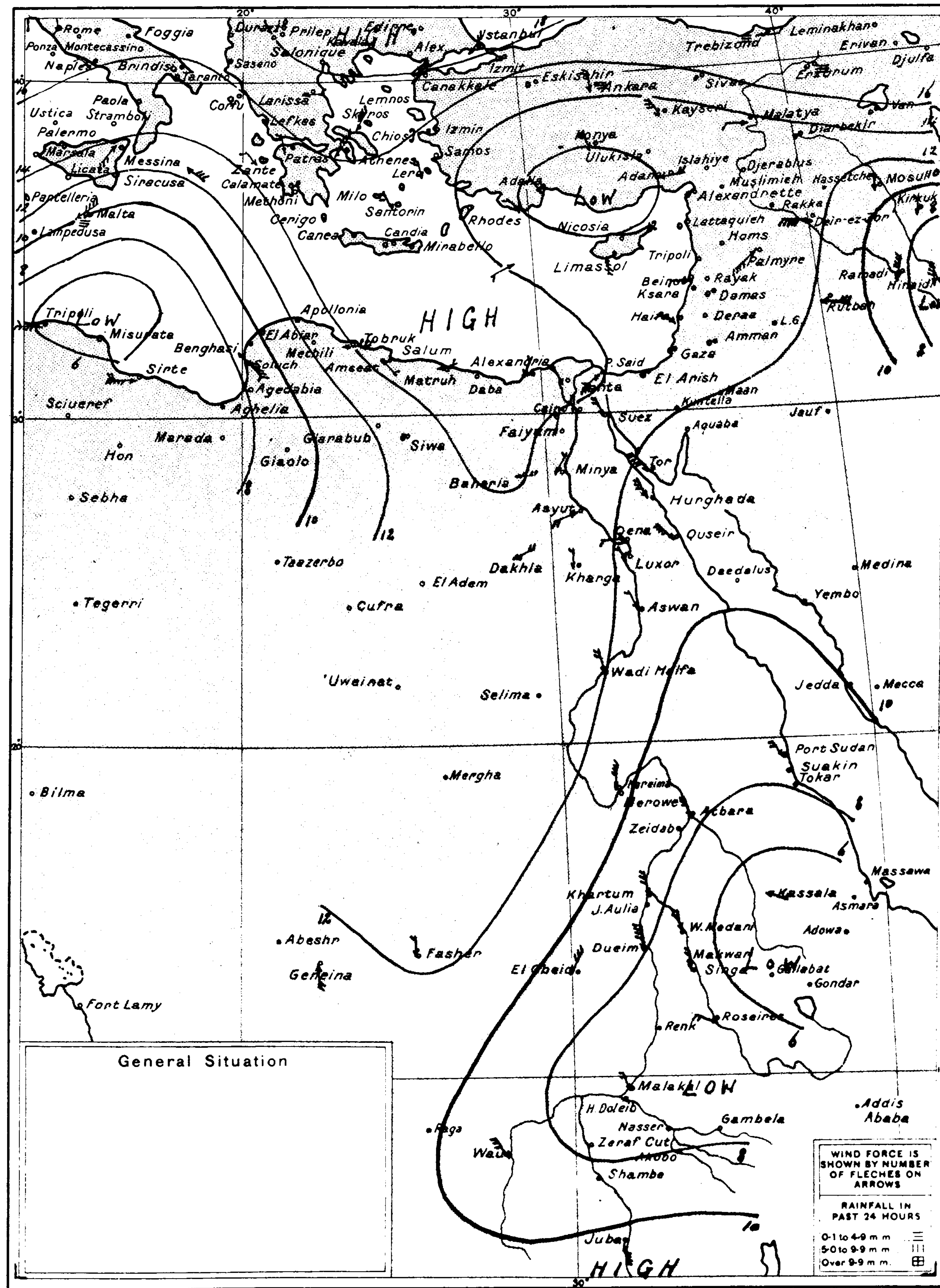
STATION	Mean of day Humidity % on 13th	Diff. from normal	Wet Bulb Temp. °C on 13th	Diff. from normal
Alexandria	69	-1	16.3	-0.8
Ezbekiya	59	+6	17.2	-1.6
Giza	60	+8	16.9	-1.1
Helwân	49	+10	14.5	-0.8

Gîza Grass minimum on *14th* 7.4 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
14.5	846	1143
13.5	845	1144

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14.5	13.54	0.00	13.66	+0.12
Nâsser	14.5	6.25	+0.13	6.24	+0.16
Malakâl	14.5	10.14	-0.04	10.11	-0.06
Roseires	14.5	12.33	+0.53	12.12	+0.37
Sennâr Res.	14.5	9.94	—	10.34	—
Khartûm	14.5	9.95	-0.31	9.95	-0.32
Kh. el Girba					
'Atbara	14.5	9.79	-0.22	9.79	-0.22
Kajnarti	14.5	131.31	-0.58	131.33	-0.55
Wâdi Halfa					
Aswân Res.	14.5	115.05	—	115.14	—
.. D. S.	14.5	85.52	-0.21	85.52	-0.20
El Leisi	14.5	17.27	+0.40	17.27	+0.40
Rôda (Cairo)	14.5	15.70	+0.22	15.70	+0.22



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on *13-5-1937* — الساعة ٨ يوم ١٣-٥-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total 1st Oct. to yesterday m.	Normal 1st Oct. to yesterday m.	مرصد
Limasol	1015	+2	E	1	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1016.0	+4.1	WNW	1	22.5	25	-3	17	+1	82	+20	1	—	—	—	0	361	643	حيفا
Gaza	1016.1	+3.5	—	0	21.0	26	0	15	0	75	+12	2	4	—	1	0	395	374	غزة

Remarks

ANNUAL SUBSCRIPTION

Inland Post P.T 100

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Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise h. 05 m. 01
sunset h. 18 h. 41 m.

Month *May* 1937 ١٩٣٧ شهر مايو

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

DAILY WEATHER REPORT

١٩٣٧/٥/١٥ Pressure and Wind at 8 h. *15.5.1937.*

At 14 h. on *14th* الساعة ١٤ يوم ١٤

		STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
130	MEDITERRANEAN	SALÛM	1013.6	ENE	3	19.8	75	3	7
131		MATRÛH	1013.1	ENE	3	21.4	68	3	6
150		DIKHEILA	—	NNW	4	21.0	73	2	8
132		ALEXANDRIA	1013.6	NE	3	22.7	59	2	9
159		DAMIETTA							
134		PORT SAÏD	1013.4	NNW	3	24.6	53	1	7
135		EL 'ARÎSH	1012.7	NNE	3	22.0	72	0	7
136	LOWER EGYPT	DAMANHÛR							
137		MANSÛRA							
138		TANTA	1012.4	NW	3	24.6	45	2	8
139		ZAGÂZÎG	1012.2	NNW	2	26.4	40	1	8
141	MIDDLE EGYPT	CAIRO: ALMÂZA	1012.3	N	3	27.0	35	4	8
		EZBEKÎYA	1011.8	NNE	2	27.1	38	3	8
		GÎZA	1010.7	NNE	1	27.1	37	3	6
143		HELWÂN	1011.2	NW	3	26.6	22	4	6
144		SUEZ							
153	UPPER EGYPT	FAIYÛM	1011.9	NNE	2	27.2	23	4	8
154		MINYA	1011.0	NNW	3	27.5	32	1	8
155		ASYÛT	1009.6	NNW	3	28.0	23	0	8
156		QENA	1008.8	N	1	32.2	22	3	8
157		LUXOR	1008.7	NNW	3	32.1	40	2	8
158		ASWÂN	1007.9	NNW	2	31.0	32	1	8
148	WESTERN DESERT	SÎWA	1011.0	SE	1	29.5	29	0	6
149		BAHARÎYA	1011.4	WSW	1	28.0	39	3	9
151		KHÂRGA	1009.9	N	3	30.0	59	0	9
152		DÂKHLA	1010.3	NNW	3	30.3	33	0	8
145	RED SEA	TOR							
146		HURGHÂDA							
147		QUSEIR							
169		PORT SUDAN	1007.7	NE	2	29.7	—	3	—
165	NORTH SUDAN	WÂDI HALFA	1010.5	N	3	31	—	0	8
166		KAREIMA	1007.2	—	0	35	—	0	8
167		'ATBARA	1004.3	NE	2	35.4	—	5	—
168		KHARTÛM	1004.1	N	4	39	—	3	8
170		KASSALA	1000.0	N	2	39	—	3	8
171	CENTRAL SUDAN	WAD MEDANI	1003.0	N	3	38.4	—	1	—
173		DUEIM	1005.3	NN	3	37.3	—	0	—
182		RENK							
172		ROSEIRES	1003.4	SN	3	34.4	—	1	—
174		EL OBEID	1005.5	NN	3	36	—	3	8
175		EL FÂSHER							
176	S. SUDAN	MALAKÂL	—	NE	2	36	—	4	8
177		WÂU							
178		JÛBA							
179		*Geneina*	—	NNW	3	37	—	3	8
180		*Gallabat*	—	N	3	34.3	—	0	—

At 8 h. on *Saturday 15th* الساعة ٨ يوم السبت ١٥

	STATION	BAR. PRESSURE Reduced to M.S.L. m.b.	BAR. PRESSURE Diff. from normal m.b.	WIND Dir.	WIND Force	Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct 1 to yesterday m.m.	RAINFALL Normal fr. Oct 1 to yesterday m.m.
130	SALÛM	1013.8	-0.7	E	2	18.3	23	—	17	—	87	—	3	6	St	2	0	105	—
131	MATRÛH	1012.7	-1.1	E	3	19.9	22	-3	18	+2	77	+4	3	6	Sc	2	0	182	157
150	DIKHEILA	—	—	ESE	1	19.2	22	—	16	—	77	—	4	7	As	2	0	—	—
132	ALEXANDRIA	1013.3	-0.5	SE	1	19.1	24	-2	15	-2	77	+6	4	7	As	2	0	167	189
159	DAMIETTA	1013.3	—	E	1	21.6	26	—	17	—	73	—	4	8	Ac	1	0	75	115
134	PORT SAÏD	1013.4	+1.1	NE	3	21.7	25	-1	18	0	64	-4	2	7	Cc	1	0	38	80
135	EL 'ARÎSH	1012.7	—	ESE	3	22.2	22	—	13	—	66	—	0	7	—	1	0	—	—
136	DAMANHÛR	1013.1	-0.9	E	3	19.9	27	-3	15	+1	74	+11	4	7	As	2	0	78	109
137	MANSÛRA	1013.4	—	NE	1	21.9	28	-4	15	-1	68	+5	1	7	Cs	1	0	45	56
138	TANTA	1012.7	-1.5	NE	3	21.2	28	-5	12	-4	73	+13	4	8	As	1	0	54	47
139	ZAGÂZÎG	1012.7	—	ENE	2	21.9	27	-5	13	-2	66	+3	0	8	Ci	1	0	20	27
141	CAIRO: ALMÂZA	1012.3	—	ENE	4	20.2	28	—	13	—	65	—	4	8	Ac	2	0	—	—
	EZBEKÎYA	1011.9	-0.9	NE	5	22.0	28	-4	16	0	58	-3	3	8	Ac	1	0	18	32
	GÎZA	1010.7	-1.9	NE	2	20.7	28	-4	14	0	62	+2	3	5	Cs	2	0	16	29
143	HELWÂN	1011.2	-1.9	NE	5	20.8	27	-5	16	-1	46	-4	3	6	Cc	2	0	17	34
144	SUEZ	1012.3	-0.4	NW	2	21.2	28	-4	17	-1	80	+12	1	6	Ce	1	0	13	25
153	FAIYÛM	1011.2	-1.9	NE	3	22.4	29	-5	16	-1	33	-15	4	8	Cu	1	0	6	11
154	MINYA	1011.1	-1.5	N	2	22.0	29	-5	15	-1	48	-7	3	7	Cu	2	0	16	—
155	ASYÛT	1010.2	-2.2	WSW	2	22.0	31	-4	15	-4	43	+3	4	5	Cu	2	0	dr.	5
156	QENA	1010.0	-1.2	NNW	1	25.2	33	-5	18	-2	32	-6	3	7	Ac	1	0	dr.	—
157	LUXOR	1009.8	—	ESE	1	26.8	34	—	16	—	45	—	2	8	Cu	1	0	dr.	—
158	ASWÂN	1009.0	-2.0	—	0	24.9	33	-7	17	-5	35	+6	1	8	Ci	1	0	1	—
148	SÎWA	1012.2	-1.7	SE	1	21.2	30	-3	15	-1	70	+16	0	6	Ci	1	0	29	7
149	BAHARÎYA	1011.4	—	ENE	2	23.2	30	—	18	—	59	—	4	7	Cc	2	0	26	—
151	KHÂRGA	1009.3	-2.1	N	2	24.3	32	-6	17	-3	60	+21	3	9	Cs	1	0	0	0
152	DÂKHLA	1010.2	-2.0	—	0	23.5	32	-6	17	-1	37	+3	0	7	Cc	1	0	dr.	—
145	TOR	1009.8	-1.1	—	0	23.8	27	-4	16	-3	53	-17	0	6	—	0	0	14	14
146	HURGHÂDA	1010.0	-1.1	NNW	4	24.5	28	-4	17	-3	50	+3	0	4	Ci	1	0	dr.	0
147	QUSEIR	1010.4	-0.8	N	3	27.1	28	-3	21	-2	44	0	0	7	—	0	0	1	7
169	PORT SUDAN	1009.8	-1.1	—	0	23.8	27	-4	16	-3	53	-17	0	6	—	0	0	14	14
165	WÂDI HALFA	1010.4	-0.2	N	2	22.9	32	-7	17	-3	38	+16	0	8	—	0	—	—	—
166	KAREIMA	1008.7	-0.4	NE	1	26.3	36	-6	19	-5	12	-5	0	8	—	0	0	5	5
167	'ATBARA	1007.8	-0.8	NNW	2	30.0	38	-4	23	-1	21	+7	0	—	—	0	0	1	2
168	KHARTÛM	1007.9	-0.1	N	3	27.4	39	-3	21	-4	26	+1	1	8	Ac	1	0	26	6
170	KASSALA	1008.4	-1.2	NN	3	27.2	37	-2	18	-4	31	-12	1	8	Ci, Ac	0	0	24	27
171	WAD MEDANI	—	—	N	1	25.0	38	0	17	-3	19	-10	0	—	—	0	0	0	12
173	DUEIM	1007.0	-0.8	NNE	1	29.0	40	-2	19	-5	6	-20	0	—	—	0	0	58	20
182	RENK	1007.5	-1.2	NN	3	30.6	39	-2	22	-1	20	-10	2	—	—	0	0	35	19
172	ROSEIRES	1006.3	-2.8	NNN	2	29.4	40	+1	21	-2	21	-25	0	—	—	0	0	14	81
174	EL OBEID	1008.4	-1.2	NN	3	27.2	37	-2	18	-4	31	-12	1	8	Ci, Ac	0	0	24	27
175	EL FÂSHER	—	—	N	1	25.0	38	0	17	-3	19	-10	0	—	—	0	0	0	12
176	MALAKÂL	1007.8	-1.8	SW	3	26.6	34	-1	22	+1	83	+9	1	—	—	1	0	329	303
177	WÂU																		
178	JÛBA																		
179	*Geneina*	—	—	NNW	3	37	—	3	8										
180	*Gallabat*	—	—	N	3	34.3	—	0	—										

Upper Wind Observations on *15-5-1937* ١٩٣٧-٥-١٥ يوم ارصاد الرياح العليا

Height metres above M.S.L.	Salum 07h.00m. Dir. E of N	Kms per hour	Matruh 07h.00m. Dir. E of N	Kms per hour	Dikheila 07h.15m. Dir. E of N	Kms per hour	Cairo 07h.45m. Dir. E of N	Kms per hour	Helwan 08h.45m. Dir. E of N	Kms per hour	Asyut 07h.00m. Dir. E of N	Kms per hour	Aswan 07h.00m. Dir. E of N	Kms per hour	Wadi Halfa 07h.00m. Dir. E of N	Kms per hour	Kareima 07h.00m. Dir. E of N	Kms per hour	Khartum 06h.00m. Dir. E of N	Kms per hour	Kassala 07h.00m. Dir. E of N	Kms per hour	El Obeid 06h.00m. Dir. E of N	Kms per hour	Geneina 07h.00m. Dir. E of N	Kms per hour	Ismailia 07h.00m. Dir. E of N	Kms per hour	Abu Kir 07h.00m. Dir. E of N	Kms per hour
200	90	7	110	18	80	28	60	36	60	15	—	—	—	—	50	21	—	—	—	—	—	—	—	—	—	—	70	35	80	27
500	100	31	90	29	80	28	50	37	60	25	10	8	30	27	50	29	30	47	20	26	20	11	—	—	—	—	50	37	70	27
1000	100	32	80	23	80	19	50	22	30	10	310	10	60	22	40	21	40	31	30	27	270	2	40	37	—	—	30	18	80	21
1500	90	28	80	12	60	16	60	5	10	5	300	23	240	14	310	5	0	2	60	11	250	8	60	18	150	29	310	6	70	14
2000	East	Sc.	East	Sc.	50	12	230	5	220	14	270	14	230	21	320	5	40	10	140	16			210	24	200	18	170	10	70	6
3000					280	17											340	5					230	11	130	11	210	24	270	21
4000					280	23											300	24									240	26	280	21
5000					250	23																							230	34
6000					200	41																								

Forecast for 24 hours from noon on *15th*

Fresh northeast to east winds.
Much cloud.
Somewhat warmer. Unsettled.
Moderate Khamsin conditions in Upper Egypt later.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٥
رياح شمالية شرقية الى شرقية
يكثر السحاب ويبدأ الجو دافئا والطقس متقلب
وتظهر حالات الخماسين في الصعيد فيما بعد.

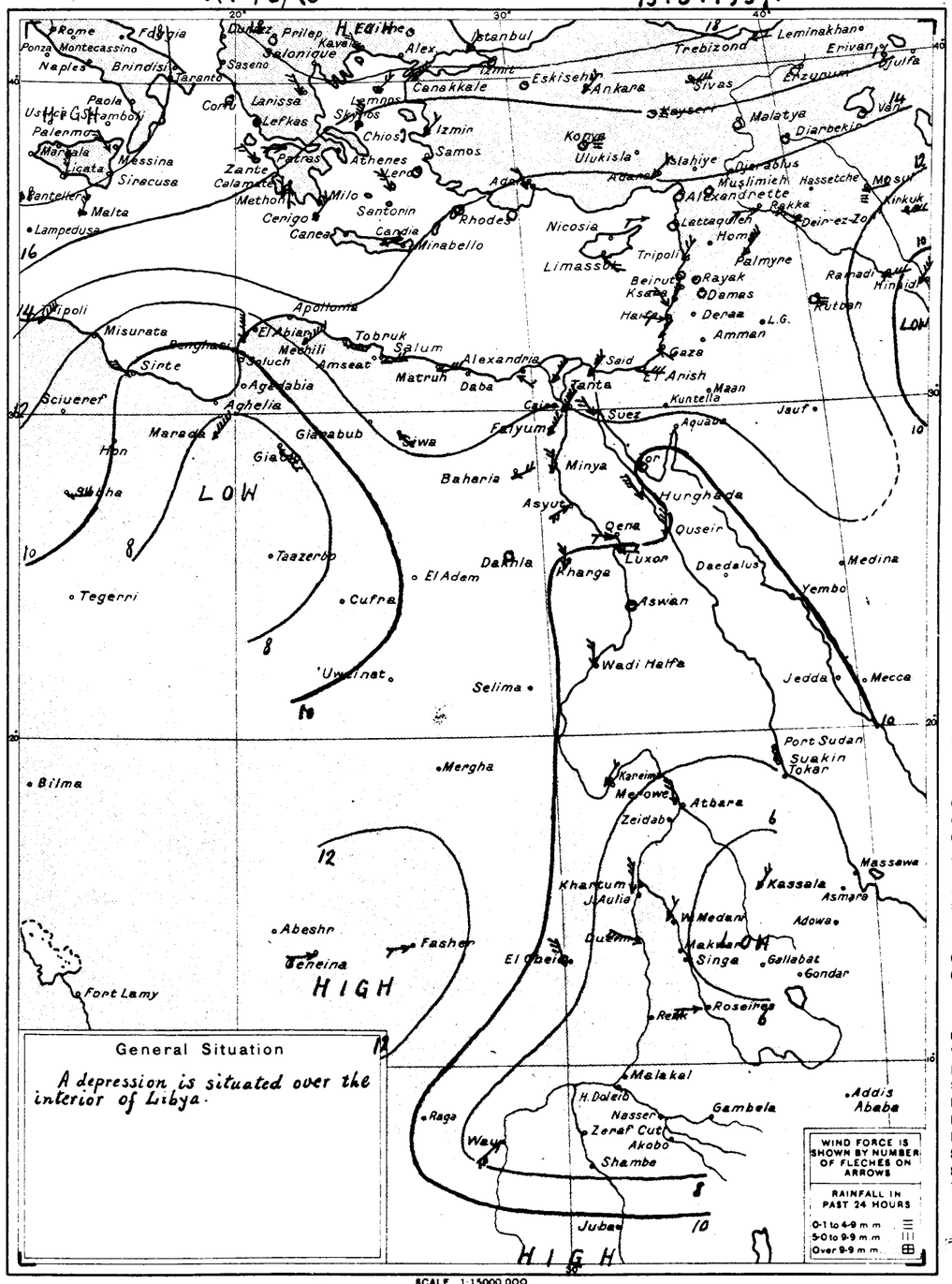
STATION	Mean of day HUMIDITY % on *14th*	Diff from normal	WET BULB TEMP. °C on *14th*	Diff from normal
Alexandria	75	+5	17.0	-0.2
Ezbekiya	56	+3	17.7	-1.2
Giza	63	+11	17.4	-0.7
Helwân	41	+2	14.9	-0.5

Giza Grass minimum on *15th* 9.9 °C

Discharges at Aswân measured by sluices m^3 per sec

DATE	1937	1936
15-5	845	1146
14-5	846	1143

GAUGE	Date 1937	Reading m	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Jûba	14-5	13.54	+0.00	13.66	+0.12
Nâsser	14-5	6.25	+0.13	6.24	+0.16
Malakâl	15-5	10.18	+0.00	10.14	+0.44
Roseires	15-5	12.43	+0.60	12.83	+0.53
Sennâr Res.	14-5	9.94	—	10.34	—
Khartûm	14-5	9.95	+0.31	9.95	+0.32
Kh. el Girba					
'Atbara	15-5	9.76	+0.25	9.79	+0.22
Kajnarti	15-5	131.34	+0.56	131.31	+0.58
Wâdi Halfa					
Aswân Res.	15-5	114.94	—	115.05	—
" D.S.	15-5	85.51	+0.24	85.52	+0.21
El Leisi	15-5	17.27	+0.40	17.27	+0.40
Rôda (Cairo)	15-5	15.70	+0.22	15.70	+0.22



General Situation

A depression is situated over the interior of Libya.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0-1 to 4-9 m.m.
5-0 to 9-9 m.m.
Over 9-9 m.m.

SCALE 1:15,000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h on *14.5.1937.* ١٩٣٧/٥/١٤ الساعة ٨ يوم

STATION	BAR. PRESSURE Reduced to M.S.L. m.b	BAR. PRESSURE Diff. from normal m.b	WIND Dir.	WIND Force	Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM To day °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct 1 to yesterday m.m.	RAINFALL Normal fr. Oct 1 to yesterday m.m.	مرصد
Limasol	1012	-1	S	2	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.1	+2.3	NNW	1	22.7	24	-4	15	-1	58	-4	0	—	—	—	0	361	643	حيفا
Gaza	1013.5	+1.9	—	0	20.9	25	-1	12	-3	73	+10	0	9	—	0	0	395	374	غزه

ANNUAL SUBSCRIPTION
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Abroad ..... P.T 150

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CAIRO
Time of sunrise h. m. 05 01
" sunset h. m. 18 42

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14h. on *15th* — الساعة ١٤ يوم ١٥ — At 8h. on *Sunday 16th* — الساعة ٨ يوم الأحد ١٦

	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1013.3	NNE	4	19.1	81	3	6							—		—									—
131	MATRÛH	1012.4	ENE	3	21.6	77	2	6	1014.6	+0.8	NNE	1	20.2	22	-3	18	+2	79	+6	3	6	Sc	1	0	182	157
150	DIKHEILA	—	NNE	4	21.3	76	4	—	—	—	ENE	1	20.5	22	—	17	—	75	—	4	8	Ac	8	dr.	—	—
132	ALEXANDRIA	1012.4	NE	4	23.3	65	4	7	1013.5	-0.3	ESE	1	21.0	24	-2	17	0	74	+3	4	7	Cu	2	0	167	189
159	DAMIETTA								1012.4	—	NNE	1	22.9	24	—	16	—	75	—	4	7	As	1	0	75	115
134	PORT SAÎD	1012.3	NE	4	22.5	69	3	7	1012.8	+0.5	NNE	3	21.7	24	-2	18	0	72	+4	2	7	As	1	0	38	80
135	EL 'ARÎSH	1011.1	N	4	22.2	77	3	7	1012.4	—	NSW	1	21.0	23	—	16	—	82	—	3	7	Sc	2	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1013.3	-0.7	NE	1	19.8	26	-4	14	0	80	+17	4	7	Sc	5	dr.	78	110
137	MANSÛRA								1012.2	—	N	2	20.5	27	-5	15	-1	75	+12	1	7	Cc	1	0	45	56
138	TANTA	1011.5	NW	2	27.0	49	4	8	1012.6	-1.5	NNW	2	21.0	27	-6	13	-3	76	+16	0	8	Ac	1	0	54	47
139	ZAGÂZÎG	1011.0	NE	3	25.9	45	1	8	1012.8	—	NE	2	21.3	26	-6	13	-2	73	+10	1	8	Cs	2	0	20	27
	MIDDLE EGYPT																									
141	CAIRO: ALMÂZA	1010.8	ENE	4	27.5	29	3	8	1012.4	—	NE	3	21.1	29	—	14	—	74	—	3	8	Sc	2	0	—	—
	CAIRO: EZBEKÎYA	1009.9	NNE	2	28.4	31	2	8	1011.9	-0.9	ENE	3	22.0	30	-2	17	0	71	+10	3	6	Cc	1	0	18	32
	CAIRO: GÎZA	1009.5	NNE	2	28.1	32	2	7	1012.0	-1.5	NE	2	21.0	29	-3	16	+1	76	+16	3	6	Sc	2	0	16	29
143	HELWÂN	1009.4	NNE	4	29.1	14	2	8	1011.6	-1.5	NE	2	22.4	30	-2	17	0	56	+6	2	6	Ac	0	0	17	34
144	SUEZ								1011.9	-0.8	N	3	21.0	30	-2	18	0	97	+29	2	6	As	2	0	13	25
	UPPER EGYPT																									
153	FAIYÛM	1009.8	ENE	3	29.9	21	2	8	1011.6	-1.5	N	3	22.0	31	-3	17	0	58	+10	1	8	Cu	0	0	6	11
154	MINYA	1009.5	NNW	3	30.3	27	1	7	1011.8	-0.7	NNW	2	22.5	31	-3	18	+2	65	+10	5	8	Cu	5	dr.	16	—
155	ASYÛT	1010.2	WSW	3	30.0	21	4	7	1010.2	-2.1	ENE	2	25.2	32	-3	20	+1	30	-10	5	7	Cb	1	dr.	dr.	5
156	QENA	1008.0	NNW	3	33.1	13	4	8	1009.9	-1.2	NE	1	29.8	34	-5	20	0	28	-10	2	8	Sc	1	0	dr.	—
157	LUXOR	1007.4	WSW	3	36.2	35	3	8	1009.9	—	NE	1	31.0	36	—	19	—	41	—	0	8	—	0	dr.	dr.	—
158	ASWÂN	1005.3	NNW	2	35.2	22	3	8	1009.1	-1.8	N	1	29.3	37	-3	24	+2	32	+3	1	8	Cu	1	0	1	—
	WESTERN DESERT																									
148	SÎWA	1008.7	SE	1	29.4	40	0	5	1013.6	-0.2	SE	2	21.9	32	-1	16	0	68	+14	0	6	Ci	1	dr.	29	7
149	BAHARÎYA	1009.4	NE	2	30.2	41	0	9	1013.3	—	NNE	2	20.0	32	—	19	—	73	—	5	6	As	5	dr.	26	—
151	KHÂRGA	1007.9	—	0	33.0	51	3	9	1009.6	-1.8	—	0	29.5	34	-4	20	0	59	+20	0	9	—	0	0	0	0
152	DÂKHLA	1007.8	S	2	31.8	33	4	7	1012.4	+0.2	ENE	1	25.9	33	-5	17	-1	39	+5	0	7	—	0	0	dr.	—
	RED SEA																									
145	TÔR								1011.0	+0.2	—	0	24.8	32	+1	20	0	64	-6	3	6	Cu	0	0	14	14
146	HURGHÂDA								—	—	NNW	3	26.0	30	-2	21	+1	52	+5	0	7	Ci	0	0	dr.	0
147	QUSEIR	1009.8	NE	2	26.0	59	0	7	1010.6	-0.6	NNW	3	26.6	29	-2	22	-1	53	+9	0	7	—	0	0	1	7
169	PORT SUDAN	1008.2	NE	2	30.2	—	3	—	1010.4	+1.1	NE	2	30.2	33	-2	23	-1	30	-14	2	—	—	0	dr.	42	108
	NORTH SUDAN																									
165	WÂDI HALFA	1009.1	N	3	33	—	1	8	1009.9	-0.6	SW	2	26.4	35	-4	21	0	42	+20	0	7	—	0	—	—	—
166	KAREIMA	1005.1	NNW	2	39	—	0	8	1008.0	-1.1	ENE	3	29.4	40	-2	21	-3	9	-8	0	8	—	0	0	5	2
167	'ATBARA	1003.8	NW	2	40.0	—	2	—	1007.2	-0.7	N	2	30.0	40	-2	22	-2	25	+11	0	—	—	0	0	1	5
168	KHARTÛM	1002.1	SSW	1	39	—	1	8	1008.3	+0.3	NE	3	28.4	40	-2	21	-4	22	-3	0	8	—	0	0	26	6
170	KASSALA	999.5	SE	1	40	—	1	8	1004.0	-3.9	E	1	33.9	41	0	26	+1	45	+7	1	8	Ac	0	0	29	19
	CENTRAL SUDAN																									
171	WAD MEDANI	1001.6	SW	2	39.9	—	7	—	1007.4	-0.4	—	0	31.3	42	0	21	-3	5	-21	0	—	—	0	0	58	21
173	DUEIM	1002.2	SSE	1	40.0	—	2	—	1008.8	0.0	NE	3	26.8	40	-1	23	0	23	-8	0	—	—	0	0	35	19
182	RENK																									
172	ROSEIRES	1002.8	WNW	2	40.2	—	1	—	1007.2	-1.9	WSW	2	32.7	42	+3	25	+2	34	-13	0	—	—	1	0	14	83
174	EL OBEID	1003.6	W	2	37	—	0	7	1008.7	-0.9	S	1	29.1	39	0	19	-3	24	-19	0	8	—	0	0	24	28
175	EL FÂSHER	—	NW	1	38	—	0	—	—	—	WSW	1	25.0	40	+2	18	-2	19	-11	0	—	—	0	0	0	12
	S. SUDAN																									
176	MALAKÂL	—	SSW	2	37	—	3	8	—	—	SW	2	28.8	37	+1	25	+2	63	-3	4	8	Sc	1	0	139	162
177	WÂU								1009.8	+0.2	SW	3	26.7	35	0	25	+4	72	-2	3	—	—	1	0	329	307
178	JÛBA																									
179	Geneina	—	WNW	3	39	—	1	8	—	—	SW	3	28.1	40	—	17	—	39	—	3	7	Cu Sc	0	0	—	—
180	Gallabat	—	WNW	2	40.2	—	1	—																		

Upper Wind Observations on *16-5-1937* — ارصاد الرياح العليا يوم ١٦ - ٥ - ١٩٣٧

Height metres above M.S.L.	(h. m.) Dir. E. of N.	Kms per hour	Matruh 07h00m Dir.	Kms	Dikheila 07h30m Dir.	Kms	Almaza 08h30m Dir.	Kms	Cairo 08h00m Dir.	Kms	Helwan 08h45m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 06h00m Dir.	Kms	Kareima 05h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Salum 13h00m Dir.	Kms
200			40	13	—	—	50	16	40	7	40	9	—	—	—	—	90	11	—	—	—	—	—	—	—	—	—	—	30	15
500			60	16	40	19	70	21	70	24	60	11	130	20	90	26	90	18	70	50	20	69	—	—	—	—	—	—	—	—
1000			50	21	40	15	70	15	20	10	30	10	140	8	80	24	100	18	80	27	20	39	—	—	40	24	—	—	90	30
1500			Ent. Sc		20	10	Ent. Sc		310	14	320	15	240	16	10	50	0	11	110	5	20	19	—	—	90	8	230	27	80	18
2000					310	16			Ent. Cu		310	14	250	28			270	10	0	8	10	8	20	11	290	5	250	31	60	29
3000					210	24					220	29					250	18	350	11	200	19	30	6	260	5	210	10		
4000					240	50													310	39	30	8	160	11	100	6				
5000																					10	64	190	6	50	6				
6000																									100	11				
7000																									10	18				

Forecast for 24 hours from noon on *16th*
On the coast moderate northeast winds.
Inland moderate winds from northeast to southeast.
High cloud increasing.
Somewhat warmer.
Light showers in Upper Egypt, possibly thunderstorms.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٦
رياح معتدلة شمالية شرقية على السواحل
ورياح معتدلة بين شمالية شرقية وجنوبية شرقية في الداخل
يتكاثر السحاب العالي . ترتفع درجة الحرارة قليلاً .
يتساقط مطر خفيف في الصعيد وربما تحدث به عواصف رعدية.

STATION	Mean of day: Humidity % on 15th	Diff from normal	Wet Bulb Temp. °C on 15th	Diff. from normal
Alexandria	77	+7	17.5	+0.2
Ezbekiya	57	+4	17.4	-1.7
Gîza	61	+9	17.1	-1.1
Helwân	43	+4	15.2	-0.3

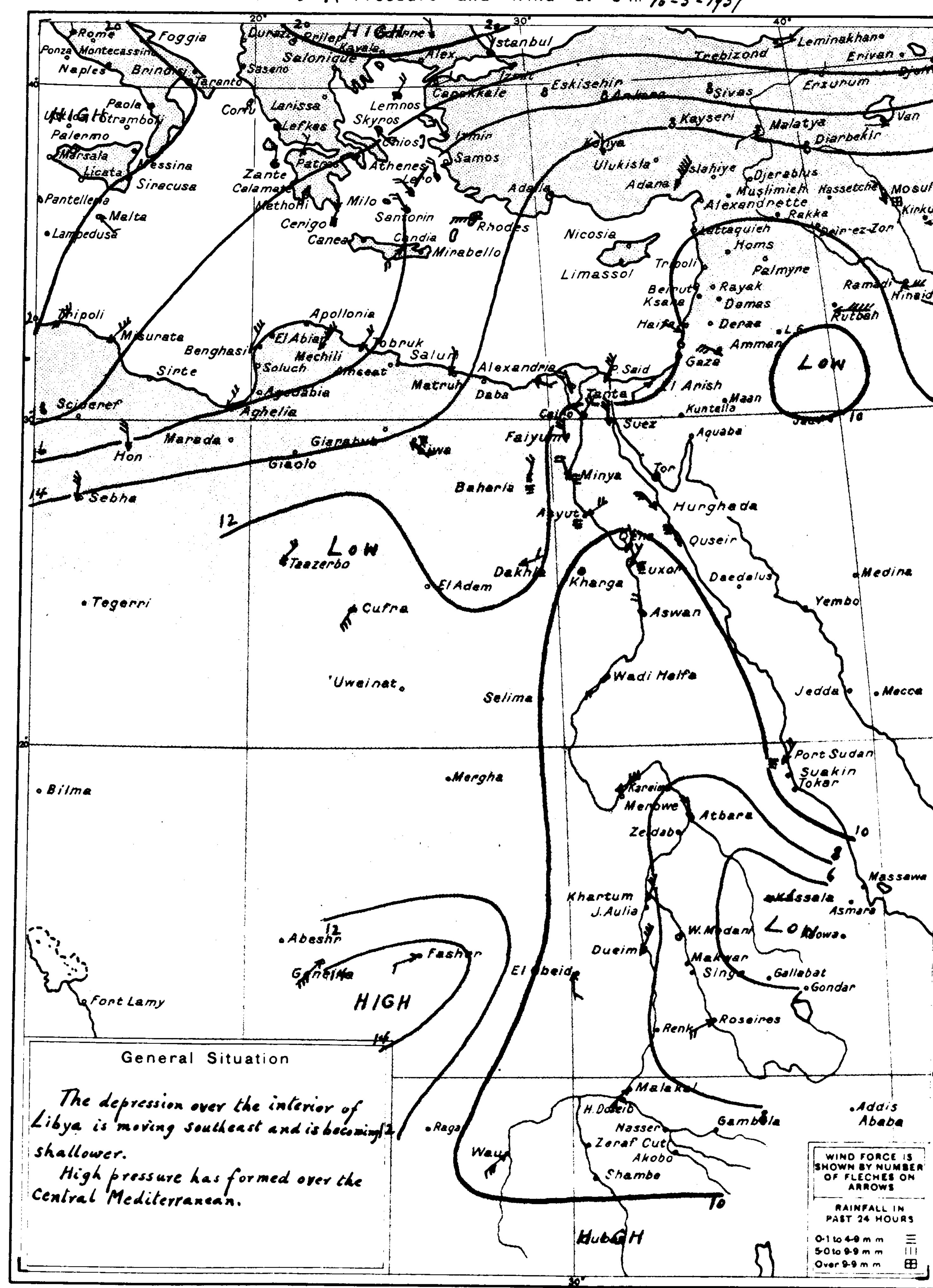
Gîza Grass minimum on *16th* *12.5* °C

Discharges at Aswân measured by sluices m^3 per sec.

DATE	1937	1936
16-5	844	1145
15-5	845	1146

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15-5	13.48	-0.06	13.54	0.00
Nâsser	14-5	6.25	+0.13	6.24	+0.16
Malakâl	16-5	10.22	+0.03	10.18	0.00
Roseires	16-5	12.41	+0.55	12.43	+0.60
Sennâr Res.	15-5	9.60	—	9.94	—
Khartûm	15-5	9.97	-0.27	9.95	-0.31
Kh. el Girba					
'Atbara	16-5	9.73	-0.29	9.76	-0.25
Kajnarti	15-5	131.34	-0.56	131.31	-0.58
Wâdi Halfa					
Aswân Res.	16-5	114.83	—	114.94	—
D. S.	16-5	85.51	-0.25	85.51	-0.24
El Leisi	16-5	17.29	+0.42	17.27	+0.40
Rôda (Cairo)	16-5	15.70	+0.22	15.70	+0.22

Pressure and Wind at 8h. *16-5-1937* ١٩٣٧-٥-١٦



General Situation

The depression over the interior of Libya is moving southeast and is becoming shallower.
High pressure has formed over the Central Mediterranean.

At 8h. on *15-5-1937* — الساعة ٨ يوم ١٥ - ٥ - ١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m b	Diff. from normal m b	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yester-day °C	Max. Diff from norm. °C	Min. To day °C	Min. Diff from norm. °C	Humidity %	Humidity Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m	Total fr Oct 1 to yesterday m m	Normal fr Oct 1 to yesterday m m	محطة
Limasol	1013	0	SE	2	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.2	+1.4	NNW	1	21.8	24	-4	14	-2	64	+2	0	—	—	—	0	361	643	حيفا
Gaza	1012.7	+1.2	SE	1	21.1	25	-2	13	-2	66	+3	0	9	—	0	0	395	374	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO
Time of sunrise h. m. 05 00
sunset h. m. 18 42
Month May 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS   PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 16th الساعة ١٤ يوم ١٦ — At 8h. on Monday 17th الساعة ٨ يوم الاثنين ١٧

	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1015.8	NNE	3	20.0	74	1	7	1016.7	+2.4	N	2	18.6	21	—	14	—	72	—	0	5	Ci	0	0	105	—
131	MATRÛH	1014.0	N	2	21.2	75	0	6	1015.5	+1.7	WNW	3	19.4	22	-3	15	-1	83	+10	0	6	—	0	0	182	158
150	DIKHEILA	—	N	3	21.4	77	1	—	—	—	N	2	20.6	22	—	18	—	79	—	3	8	Sc	2	0	—	—
132	ALEXANDRIA	1013.5	NNE	4	23.0	63	1	9	1015.1	+1.3	ENE	2	20.0	25	-1	18	0	77	+6	2	8	Cu	2	0	167	190
169	DAMIETTA								1014.3	—	N	1	23.4	27	—	17	—	64	—	3	8	As	1	0	75	115
134	PORT SAÎD	1013.0	NNW	3	25.3	63	1	7	1013.8	+1.6	NNE	3	22.2	26	0	20	+2	72	+4	2	7	As	1	0	38	80
135	EL 'ARÎSH	1011.9	NNW	2	23.0	74	1	7	1013.4	—	—	0	22.4	23	—	15	—	77	—	2	7	Cu	1	0	—	—
136	LOWER EGYPT: DAMANHÛR								1014.6	+0.6	NW	3	22.0	28	-3	15	0	65	+2	2	7	Ci	1	0	78	110
137	MANSÛRA								1014.2	—	E	1	21.6	30	-2	16	0	69	+6	1	7	Cs	1	0	45	56
138	TANTA	1012.0	N	3	29.0	43	2	8	1013.9	-0.2	NNE	3	21.0	30	-3	13	-3	74	+15	4	7	As	2	0	54	47
139	ZAGÂZÎG	1012.0	NW	2	29.6	36	1	8	1014.2	—	NNE	2	21.9	30	-2	15	0	73	+10	1	8	Ci	1	0	20	27
141	MIDDLE EGYPT: CAIRO ALMÂZA	1011.6	WNW	3	29.4	35	4	8	1014.2	—	NNE	3	20.3	30	—	15	—	78	—	4	7	Sc	2	dr.	—	—
	CAIRO EZBEKÎYA	1010.8	NE	3	29.8	39	4	8	1013.8	+1.0	NNE	4	20.9	31	-1	17	0	79	+18	4	8	Sc	2	dr.	18	32
	CAIRO GÎZA	1009.6	NE	2	29.8	42	3	7	1013.5	0.0	NE	2	20.2	30	-3	16	+1	82	+22	4	6	Sc	2	dr.	16	30
143	HELWÂN	1010.0	NW	4	28.3	29	4	7	1013.0	-0.1	NNE	6	21.0	31	-1	18	+1	67	+17	4	5	Cc	2	0	17	35
144	SUEZ								1012.8	+0.1	N	4	23.0	31	-1	20	+2	85	+17	0	6	Cs	1	0	13	26
153	UPPER EGYPT: FAIYÛM	1010.2	N	3	30.5	26	4	8	1013.0	-0.1	N	5	21.4	32	-2	18	+1	68	+20	4	7	Cu	1	0	6	11
154	MINYA	1009.8	N	1	32.0	27	1	9	1010.8	-1.7	N	5	22.0	33	-1	20	+4	62	+7	2	6	Cu	2	dr.	16	—
155	ASYÛT	1008.6	NNW	3	34.5	25	0	7	1009.6	-2.7	SW	3	22.8	37	+2	20	+1	56	+16	4	7	Cb	1	0	dr.	5
156	QENA	1008.0	SW	1	37.7	18	1	9	1008.8	-2.2	ESE	1	30.7	38	-1	24	+4	29	-9	3	8	Cu	1	0	dr.	—
157	LUXOR	1007.6	—	—	38.4	38	1	8	1008.2	—	NNE	4	30.1	40	—	25	—	47	—	3	8	Cu	1	0	dr.	—
158	ASWÂN	1005.6	—	0	42.0	25	2	8	1007.0	-3.9	—	0	31.7	43	+3	26	+4	41	+12	1	8	Ci	1	0	1	—
148	WESTERN DESERT: SÎWA	1011.5	—	0	31.5	32	0	6	1016.6	+2.8	—	0	19.9	32	-1	13	-3	78	+24	0	6	—	0	0	29	7
149	BAHARÎYA	1010.3	ENE	2	31.4	36	0	9	1013.4	—	NNE	3	22.7	33	—	17	—	63	—	0	9	—	0	0	26	—
151	KHÂRGA	1006.8	—	0	38.6	48	0	9	1008.6	-2.7	N	5	29.1	39	+1	24	+3	62	+23	3	9	Cs	2	0	0	0
152	DÂKHLA	1007.4	SSW	3	37.3	31	0	8	1010.6	-1.6	NNW	4	26.9	38	0	25	+7	56	+22	0	6	—	0	0	dr.	—
145	RED SEA: TÔR								1011.2	+0.4	NW	3	23.0	32	+1	19	-1	83	+13	4	5	Cb	5	dr.	14	14
146	HURGHÂDA								1011.2	+0.2	NNW	3	26.5	31	-2	19	-1	55	+8	3	5	Ac	1	0	dr.	0
147	QUSEIR	1010.6	NE	1	27.0	72	0	7	1010.6	-0.5	NNW	1	29.3	29	-2	20	-3	42	-2	0	7	—	0	0	1	7
169	PORT SUDAN								1009.5	+0.3	N	1	29.5	35	0	25	+1	61	+18	1	—	—	0	0	42	109
165	NORTH SUDAN: WÂDI HALFA								1006.7	-3.8	SE	7	35.2	40	+1	25	+4	19	-3	0	5	Ac	0	—	—	—
166	KAREIMA								1006.7	-2.3	—	0	33.0	43	+1	24	0	16	-1	0	8	Ac	0	0	5	3
167	'ATBARA								1007.9	0.0	S	2	34.0	42	0	26	+2	31	+17	0	—	—	0	0	1	6
168	KHARTÛM								1007.3	-0.7	SE	5	30.0	43	+1	22	-3	30	+4	0	6	—	0	0	26	7
170	KASSALA								1008.3	+0.4	SE	1	29.7	43	+2	25	0	59	+21	1	8	Ci;Ac	0	dr.	29	19
171	CENTRAL SUDAN: WAD MEDANI								1008.7	+0.9	SW	4	31.0	43	+1	25	+1	43	+16	0	—	—	—	0	58	21
173	DUEIM								1009.3	+0.5	SE	3	31.6	43	+2	25	+2	42	+11	0	—	—	—	0	35	19
182	RENK									—					—		—		—							
172	ROSEIRES								1008.7	-0.5	SW	2	29.1	42	+4	24	+1	51	+3	2	—	—	0	0	14	85
174	EL OBEID								1009.2	-0.4	SW	3	28.8	41	+2	25	+3	34	-10	3	8	Ci;Ac	0	0	24	28
175	EL FÂSHER								—	—	SSW	2	28.2	42	+4	21	+1	16	-14	0	—	—	0	0	0	12
176	S. SUDAN: MALAKÂL								—	—	SSW	2	25.9	35	-1	22	-1	76	+10	4	8	Sc	8	dr.	139	165
177	WÂU								1011.0	+1.4	S	3	23.9	33	-2	21	0	80	+6	3	—	—	2	10	339	312
178	JÛBA																									
179	Geneina								—	—	W	3	25.0	39	—	23	—	47	—	4	8	Sc	2	0	—	—
180	Gallabat																									

Upper Wind Observations on 17-5-1937
ارصاد الرياح العليا يوم ١٧-٥-١٩٣٧

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms per hour	Matruh 07h.00m. Dir.	Kms	Dikheila 07h.30m. Dir.	Kms	Almaza 07h.30m. Dir.	Kms	Cairo 08h.00m. Dir.	Kms	Helwan 08h.30m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	Wadi Halfa 06h.00m. Dir.	Kms	Khartum 05h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	El Obeid h. m. Dir.	Kms	Geneina 06h.00m. Dir.	Kms	Ismailia 07h.00m. (R.A.F.) Dir.	Kms	Salum 13h.00m. Dir.	Kms
200	330	16	300	16	0	19	30	32	40	20	20	56	—	—	—	—	140	31	—	—	—	—	—	—	—	—	20	24	60	18
500	—	—	10	10	10	16	40	33	Ent. Sc		40	26	140	20	160	42	170	31	120	31	220	8	—	—	—	—	30	23	—	—
1000	0	18	30	17	0	14	30	27			50	16	150	34	160	50	170	34	140	34	200	8	220	47	—	—	10	10	140	11
1500	230	5	10	24	0	22	150	4			350	3	180	25	170	36	170	40	70	31	170	11	290	11	290	31	180	13	30	19
2000	310	13			300	23	250	12			200	14	200	38	170	39	180	35	30	32	30	10	220	8			300	47	30	23
3000	320	23			240	48	200	35			210	36							40	21	30	21					200	48		
4000							220	77			220	73							10	5	50	27								
5000																					80	50								
6000																														

Forecast for 24 hours from noon on 17th

Moderate winds between northwest and northeast, fresh inland at times. Much cloud, decreasing tomorrow. Little change in temperature. Unsettled. Further light showers in Middle Egypt.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٧
رياح معتدلة ما بين الشمالية الغربية والشمالية الشرقية
تشتد احيانا في الداخل .
يكثر السحاب ثم يتناقص غداً
ودرجة الحرارة لا تكاد تتغير والطقس متقلب
وتنتظر رخات خفيفة مرة اخرى على مصر الوسطى .

STATION	Mean of day: Humidity % on 16th	Diff. from normal	Wet Bulb Temp. °C on 16th	Diff. from normal
Alexandria	76	+6	18.0	+0.6
Ezbekiya	64	+11	19.4	+0.2
Gîza	67	+15	19.3	+1.0
Helwân	47	+8	17.3	+1.7

Gîza Grass minimum on 17th 13.1 °C

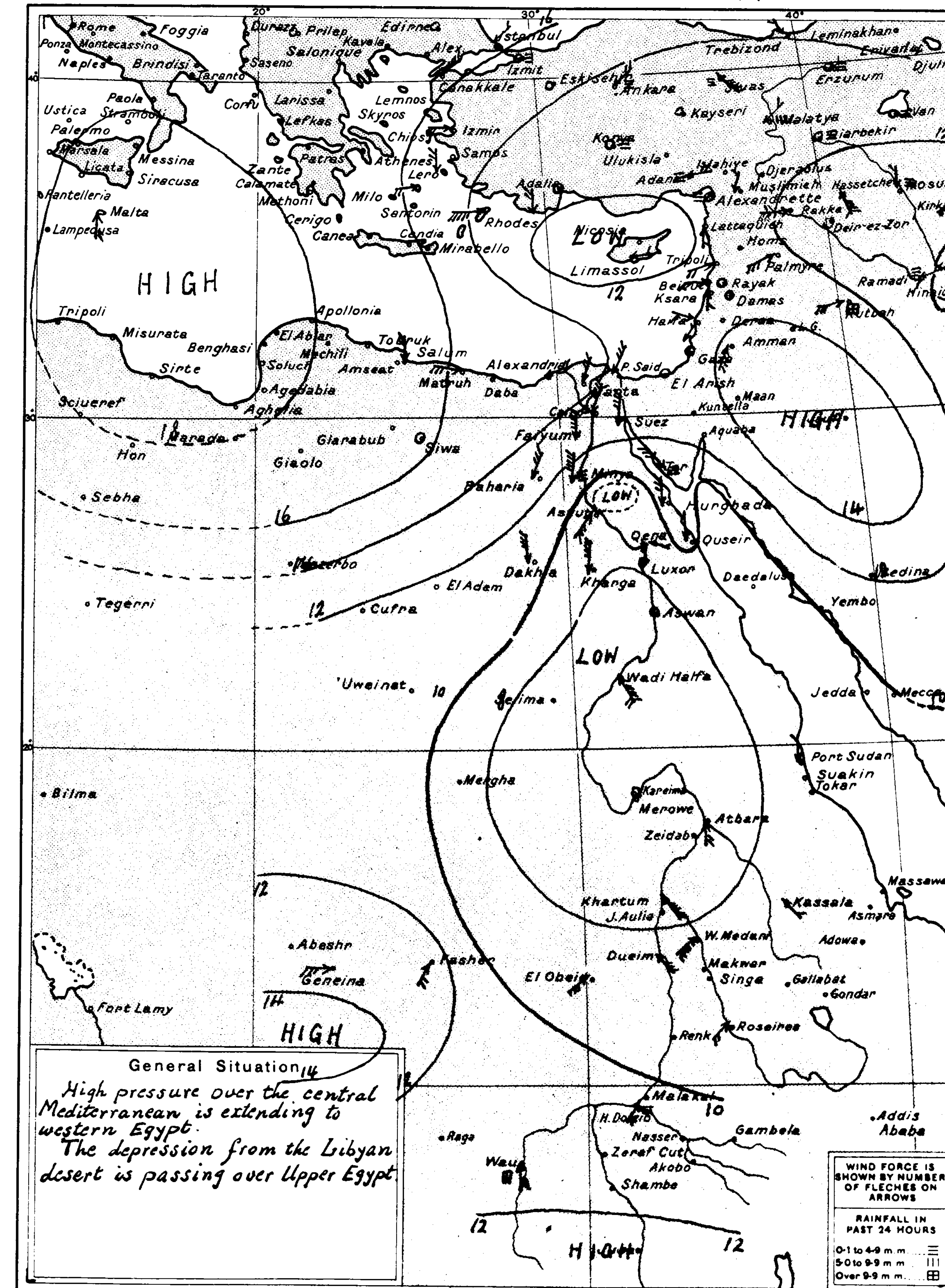
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
17-5	846	1145
16-5	844	1145

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16-5	13.69	+0.15	13.48	+0.06
Nâsser	16-5	6.25	+0.04	6.23	+0.06
Malakâl	17-5	10.22	+0.02	10.22	+0.03
Roseires	17-5	12.29	+0.41	12.41	+0.55
Sennâr Res.	16-5	9.42	—	9.60	—
Khartûm	16-5	9.97	+0.21	9.97	+0.27
Kh. el Girba					
'Atbara	17-5	9.72	-0.30	9.73	-0.29
Kajnarti	17-5	131.44	-0.48	131.39	-0.52
Wâdi Halfa					
Aswân Res.	17-5	114.74	—	114.83	—
,, D. S.	17-5	85.51	-0.26	85.51	-0.25
El Leisi	17-5	17.29	+0.42	17.29	+0.42
Rôda (Cairo)	17-5	15.70	+0.22	15.70	+0.22

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8h. 17-5-1937 ١٩٣٧-٥-١٧



General Situation

High pressure over the central Mediterranean is extending to western Egypt. The depression from the Libyan desert is passing over Upper Egypt.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 16-5-1937 الساعة ٨ يوم ١٦-٥-١٩٣٧

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1011	-2	SE	2	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.0	+1.3	WNW	1	22.2	25	-3	19	+2	73	+11	3	—	—	—	0	361	643	حيفا
Gaza	1011.9	+0.4	—	0	21.7	27	0	13	-2	67	+4	2	6	—	1	0	395	374	غزة
Salum	1015.8	+1.4	NNE	2	18.0	21	—	17	—	82	—	3	6	Sc	2	0	105	—	السلوم

Remarks

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

CAIRO

Time of sunrise h. m. 04 59
sunset h. m. 18 43

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on *17th* — الساعة ١٤ يوم ١٧ | At 8h. on *Tuesday 18th* — الساعة ٨ يوم الثلاثاء ١٨

No.	Station	14h Bar. Pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1016.2	NNE	5	21.5	62	1	6	1016.4	+2.1	NW	4	18.4	23	—	14	—	79	—	0	5	Cu	1	•	105	—
131	MATRÛH	1015.1	NNW	3	21.8	82	0	6	1015.5	+1.7	WNW	4	19.6	22	-4	15	-1	82	+9	1	6	Sc	1	0	182	158
150	DIKHEILA																									
132	ALEXANDRIA	1014.4	N	4	22.9	64	0	9	1014.6	+0.8	N	2	20.2	24	-3	18	0	68	-3	3	9	Cu	2	0	167	190
159	DAMIETTA								1013.1	—	NNW	2	24.0	25	—	17	—	67	—	0	8	Cu	1	0	75	115
134	PORT SAÏD	1013.6	NNW	4	23.3	67	3	7	1013.1	+0.9	NNW	3	21.9	25	-1	18	0	71	+3	2	7	Ac	1	dr	38	80
135	EL 'ARÎSH	1012.7	NNW	4	22.0	81	4	6	1012.0	—	NNW	2	21.7	23	—	19	—	76	—	0	7	—	1	dr	—	—
	LOWER EGYPT																									
136	DAMANHÛR	•							1014.3	+0.4	N	2	22.3	27	-4	14	-1	64	+1	1	8	Cu	0	0	78	110
137	MANSÛRA	1013.4	NNW	2	27.9	36	1	8	1013.6	—	N	2	21.3	29	-3	14	-2	68	+5	0	8	Ci	0	0	45	56
138	TANTA	1012.7	NNW	4	28.5	43	1	8	1013.8	-0.3	N	3	22.0	29	-4	12	-4	70	+11	0	8	—	0	•	54	47
139	ZAGÂZÎG								1014.2	—	NNW	2	21.4	28	-4	12	-3	69	+6	0	8	Ci	1	0	20	27
	MIDDLE EGYPT																									
141	CAIRO: ALMÂZA	1012.7	N	3	28.2	31	4	8	1014.3	—	NNW	1	19.9	29	—	12	—	70	—	1	8	Sc	1	dr	—	—
	CAIRO: EZBEKÎYA	1011.5	N	2	29.4	34	4	9	1013.9	+1.1	N	2	21.1	30	-2	15	-2	72	+11	1	7	Cu	0	dr	18	32
	CAIRO: GÎZA	1011.8	NNW	1	29.0	40	4	7	1013.8	+0.3	N	1	19.8	29	-4	13	-2	75	+15	2	6	Sc	2	dr	16	30
143	HELWÂN	1011.0	NNE	5	29.1	27	4	7	1013.8	+0.7	NNW	4	19.2	30	-2	16	-3	70	+20	1	5	Cu	0	dr	17	35
144	SUEZ								1013.5	+1.0	NNW	2	21.1	30	-2	18	-1	95	+27	0	6	Cs	1	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1011.0	NNE	4	29.6	28	4	7	1014.6	+1.5	N	2	20.3	30	-4	15	-2	67	+19	0	7	—	0	0	6	11
154	MINYA	1009.5	N	6	31.5	32	0	4	1013.9	+1.5	NNW	3	20.0	32	-2	16	0	76	+21	0	8	—	1	0	16	—
155	ASYÛT	1006.7	NW	3	35.2	19	0	8	1013.5	+1.3	NNW	3	22.8	37	+2	18	-1	35	-5	0	8	—	0	0	dr	5
156	QENA	1005.0	SSW	5	37.7	13	4	6	1011.2	+0.3	WSW	4	27.3	41	+2	22	+2	30	-8	0	7	—	0	0	dr	—
157	LUXOR	1004.2	NW	1	40.5	32	4	7	1010.7	—	NNE	2	29.8	41	—	23	—	42	—	0	8	—	0	dr	dr	—
158	ASWÂN	1003.1	S	2	40.8	24	3	4	1009.8	-1.1	N	5	30.5	43	+3	26	+4	35	+6	3	6	As	5	dr	1	—
	WESTERN DESERT																									
148	SÎWA	1014.7	—	0	29.5	36	0	6	1016.0	+2.2	—	0	19.1	31	-2	13	-3	77	+23	0	6	—	0	0	29	7
149	BAHARÎYA	1011.5	NNE	3	31.0	43	0	9	1015.2	—	N	1	21.0	31	—	13	—	58	—	0	9	—	0	0	26	—
151	KHÂRGA	1006.4	N	3	36.1	39	0	9	1013.5	+2.2	N	6	23.3	37	-1	20	-1	57	+18	0	9	—	0	0	0	•
152	DÂKHLA	1009.3	NNW	5	33.0	50	0	6	1014.7	+2.6	NNW	2	25.6	34	-4	20	+1	50	+16	0	7	—	0	0	dr	—
	RED SEA																									
145	TÔR								1010.7	0.0	NW	6	23.2	30	-1	21	+1	65	-5	0	5	—	0	0	14	14
146	HURGHÂDA								1008.8	-2.1	NNW	5	25.8	30	-3	23	+3	56	+9	0	7	—	1	0	dr	0
147	QUSEIR	1008.8	NNE	2	28.9	60	0	6	1009.3	-1.7	NNW	2	26.8	30	-1	23	0	42	-2	0	6	—	0	0	1	7
169	PORT SUDAN								1008.3	-0.9	SE	1	32.8	37	+2	27	+3	66	+23	1	—	—	0	0	42	169
	NORTH SUDAN																									
165	WÂDI HALFA								1012.3	+1.9	NNW	6	27.9	43	+3	25	+4	39	+17	3	7	Ci;Ac	1	—	—	—
166	KAREIMA								1008.3	-0.7	WSW	2	33.0	46	+4	28	+4	21	+4	6	4	—	0	0	5	3
167	'ATBARA								1008.0	+0.1	SW	3	33.0	43	+1	28	+4	39	+25	0	—	—	0	0	1	6
168	KHARTÛM								1008.5	+0.5	SSE	7	30.2	43	+1	26	+1	47	+21	7	3	—	3	0	26	7
170	KASSALA								1006.7	-1.3	SE	4	29.3	41	0	25	0	58	+20	2	8	Ci;Ac	0	0	29	20
	CENTRAL SUDAN																									
171	WAD MEDANI								1008.0	+0.1	SSW	3	31.0	42	0	24	0	42	+14	2	—	—	3	0	58	22
173	DUEIM								1009.8	+1.0	SE	3	28.4	41	0	25	+2	46	+14	1	—	—	0	0	35	20
182	RENK									—					—		—		—							
172	ROSEIRES								1009.5	+0.3	SSW	2	25.8	42	+4	21	-2	66	+18	2	—	—	8	12	26	87
174	EL OBEID								1009.6	0.0	SE	5	29.2	39	0	25	+3	32	-13	4	8	Ci;Ac	1	0	24	29
175	EL FÂSHER								—	—	WNW	2	29.0	43	+5	26	+6	37	+7	2	—	—	0	0	0	12
	S. SUDAN																									
176	MALAKÂL								—	—	ENE	5	26.8	37	+1	25	+2	63	-4	4	8	Sc	1	dr	139	168
177	WÂU								1010.6	+0.9	SW	3	26.0	37	+2	23	+2	76	+2	1	—	—	1	0	339	316
178	JÛBA																									
179	*Geneina*																									
180	*Gallabat*								—	—	SW	2	25.8	39	—	22	—	55	—	3	7	Cu,Sc	0	0	—	—

Upper Wind Observations on *18-5-1937* — ارصاد الرياح العليا يوم ١٨ - ٥ - ١٩٣٧

Dir. = Dir. E. of N.; Kms. = Kms. per hour

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms.	Matruh 07h.00m. Dir.	Kms.	Almaza 07h.30m. Dir.	Kms.	Cairo 08h.00m. Dir.	Kms.	Helwan 08h.45m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	Wadi Halfa 06h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Kassala 06h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Ismailia 07h.00m. Dir.	Kms.	Salum 17th 13h.00m. Dir.	Kms.
200	320	15	300	26	10	11	20	7	350	27	—	—	—	—	10	37	—	—	—	—	—	—	—	—	—	—	310	16	20	29
500	350	29	340	28	10	20	20	22	0	26	350	43	—	—	20	51	160	60	170	37	—	—	—	—	130	21	0	14	310	26
1000	350	29	340	32	350	38	350	36	350	34	340	63	330	35	30	61	170	63	170	35	250	53	—	—	90	24			310	26
1500	350	54	350	38	350	32	Ent. Cu.		350	25			250	12	30	37	160	53	170	27	—	—	350	21	90	24				
2000					340	24			350	34			200	19			180	24	100	19	250	79	0	31	90	13				
3000																			50	21			0	37						
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on *18th*

Moderate winds from northwest to north-east.
Occasional medium cloud.
Remaining cool.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٨
رياح معتدلة بين شمالية غربية وشمالية شرقية
يظهر بعض سحاب متوسط الارتفاع احيانا
يستمر الطقس مائلا للبرودة.

Station	Mean of day: Humidity % on 17th	Diff. from normal	Wet bulb temp. °C on 17th	Diff. from normal
Alexandria	79	+9	17.7	+0.4
Ezbekiya	66	+13	17.5	+0.2
Gîza	61	+9	17.4	-0.5
Helwân	49	+10	16.8	+1.0

Gîza Grass minimum on *18th* 9.2 °C

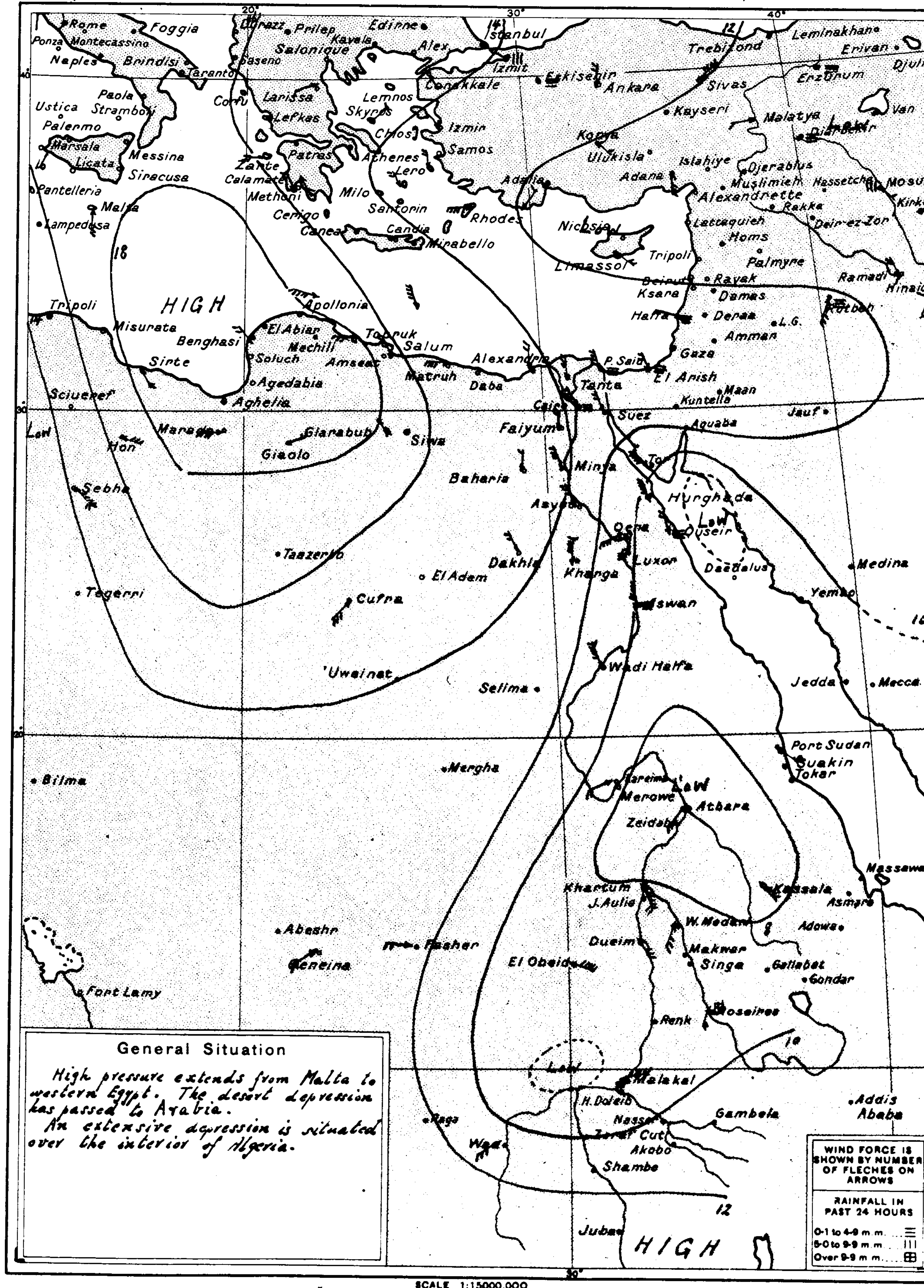
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
18-5	846	1145
17-5	846	1145

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17-5	13.72	+0.18	13.69	+0.15
Nâsser	17-5	6.33	+0.07	6.25	+0.04
Malakâl	18-5	10.24	+0.04	10.22	+0.02
Roseires	18-5	11.98	+0.07	12.29	+0.41
Sennâr Res.	17-5	8.01	—	9.42	—
Khartûm	17-5	9.97	-0.19	9.97	-0.21
Kh. el Girba					
'Atbara	18-5	9.91	-0.30	9.72	-0.30
Kajnarti					
Wâdi Halfa	17-5	131.44	-0.48	131.39	-0.52
Aswân Res.	18-5	114.55	—	114.74	—
D. S.	18-5	65.52	-0.26	65.51	-0.26
El Leisi	18-5	17.29	+0.42	17.29	+0.42
Rôda (Cairo)	18-5	15.73	+0.25	15.73	+0.23

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8h. *18-5-1937* ١٨-٥-١٩٣٧



General Situation

High pressure extends from Malta to western Egypt. The desert depression has passed to Arabia.
An extensive depression is situated over the interior of Algeria.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on *17-5-1937* — الساعة ٨ يوم ١٧ - ٥ - ١٩٣٧

Station	Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. To day °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1012	-1	E	1	23	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.9	+3.2	NNW	1	23.0	26	-2	16	-1	73	+11	0	—	—	—	0	361	643	حيفا
Gaza	1013.3	+1.9	—	0	21.9	26	-1	15	0	77	+14	0	9	—	0	0	395	375	غزة
Ships	33333 - 22506 - 26500 - 16767 - 33001 - 31443 - 20431 - 76305.																		سفن
,,	33332 - 26006 - 30401 - 14967 - 31002 - 41712 - 26608.																		"

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise 04 h. 59 m.
sunset 18 h. 44 m.
Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on *18th* — الساعة ١٤ يوم ١٨

No.		Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	Mediterranean	SALÛM	1016.0	NNE	5	22.7	51	0	8
131		MATRÛH	1014.7	NW	4	20.8	83	0	6
150		DIKHEILA	—	NW	3	22.0	69	2	—
132		ALEXANDRIA	1014.2	NNW	3	23.5	59	2	9
159		DAMIETTA							
134		PORT SAÏD	1013.0	NW	4	24.7	61	0	7
135		EL ʿARÎSH	1011.5	NNW	4	22.2	81	0	7
136	Lower Egypt	DAMANHÛR							
137		MANSÛRA							
138		TANTA	1012.6	NW	5	27.5	47	2	8
139		ZAGÂZÎG	1012.3	NNW	2	27.6	37	1	8
141	Middle Egypt — Cairo	ALMÂZA	1012.6	NE	2	28.1	31	2	8
		EZBEKÎYA	1011.9	N	2	28.4	37	0	9
		GÎZA	1011.5	NW	1	29.0	28	0	7
143		HELWÂN	1012.0	NNW	4	27.1	21	0	8
144		SUEZ							
153	Upper Egypt	FAIYÛM	1012.6	NNW	3	28.5	27	0	8
154		MINYA	1012.4	NW	2	29.2	29	0	7
155		ASYÛT	1011.5	NNW	3	29.0	21	0	8
156		QENA	1008.8	WNW	3	34.5	12	0	9
157		LUXOR	1009.1	WNW	3	33.4	33	0	8
158		ASWÂN	1006.7	N	4	35.0	13	1	8
148	Western Desert	SÎWA	1015.2	—	0	28.3	46	0	6
149		BAHARÎYA	1013.4	NW	3	28.2	38	0	9
151		KHÂRGA	1011.4	N	4	31.6	42	0	9
152		DÂKHLA	1012.7	N	2	30.2	47	0	8
145	Red Sea	TÔR							
146		HURGHÂDA							
147		QUSEIR	1009.0	N	4	27.9	57	0	6
169		PORT SUDAN							
165	North Sudan	WÂDI HALFA							
166		KAREIMA							
167		ʿATBARA							
168		KHARTÛM							
170		KASSALA							
171	Central Sudan	WAD MEDANI							
173		DUEIM							
		RENK							
172		ROSEIRES							
174		EL OBEID							
175		EL FÂSHER							
176	S. Sudan	MALAKÂL							
177		WÂU							
178		JÛBA							
179		*Geneina*							
180		*Gallabat*							

At 8h. on *Wednesday 19th* — الساعة ٨ يوم الأربعاء ١٩

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
SALÛM	1017.1	+2.8	NW	2	16.8	25	—	12	—	94	—	0	5	—	4	0	105	—
MATRÛH	1015.2	+1.4	W	3	19.6	21	-5	15	-1	84	+11	0	6	—	0	0	182	158
DIKHEILA	—	—	W	3	21.0	23	—	14	—	74	—	2	8	Sc	0	0	—	—
ALEXANDRIA	1015.1	+1.4	SW	2	20.2	25	-2	18	0	77	+6	1	9	Cu	2	0	167	190
DAMIETTA	1014.6	—	SW	2	22.3	26	—	15	—	66	—	1	8	Cu	1	0	75	115
PORT SAÏD	1014.7	+2.6	WNW	4	21.0	26	0	18	-1	75	+7	0	7	—	0	0	38	80
EL ʿARÎSH	1014.2	—	WSW	1	23.3	23	—	15	—	64	—	0	6	—	0	0	—	—
DAMANHÛR	1015.4	+1.5	SW	3	22.9	26	-5	14	-1	60	-3	0	8	Cu	0	0	78	110
MANSÛRA	1014.6	—	SW	1	21.2	28	-4	14	-2	70	+7	0	8	Ci	0	0	45	56
TANTA	1014.7	+0.6	—	0	22.0	29	-4	13	-3	74	+15	2	8	Cu	1	0	54	47
ZAGÂZÎG	1015.5	—	WNW	1	22.4	28	-4	14	-1	65	+2	1	8	Ci	1	0	20	27
ALMÂZA	1015.5	—	ESE	1	20.9	29	—	13	—	66	—	2	8	Sc	1	0	—	—
EZBEKÎYA	1015.1	+2.3	WSW	1	21.6	30	-2	15	-2	66	+5	1	6	Cu	0	0	18	32
GÎZA	1015.1	+1.7	N	1	20.3	30	-3	12	-3	73	+13	2	6	Sc	2	0	16	30
HELWÂN	1015.5	+2.5	—	0	18.9	28	-4	15	-3	74	+24	6	5	—	0	0	17	35
SUEZ	1015.0	+2.5	N	2	21.0	30	-2	16	-3	93	+25	0	6	Ci	0	0	13	26
FAIYÛM	1016.0	+3.0	N	2	20.7	30	-5	14	-3	67	+19	1	6	Cu	0	0	6	11
MINYA	1015.2	+2.9	N	1	20.0	30	-4	15	-1	72	+17	0	9	—	0	0	16	—
ASYÛT	1015.0	+2.9	NW	3	22.8	31	-4	16	-3	47	+7	0	7	—	0	0	dr	5
QENA	1013.1	+2.3	SW	2	26.0	35	-4	19	-1	31	-7	0	8	—	0	0	dr	—
LUXOR	1012.6	—	NNW	2	27.7	34	—	19	—	42	—	0	8	—	0	0	dr	—
ASWÂN	1011.8	+1.0	N	3	25.3	36	-4	20	-2	29	0	0	8	—	0	0	1	—
SÎWA	1016.2	+2.5	—	0	23.1	32	-2	13	-3	67	+13	0	6	—	0	0	29	7
BAHARÎYA	1016.4	—	NNW	2	20.2	29	—	12	—	65	—	0	9	—	0	0	26	—
KHÂRGA																		
DÂKHLA	1016.0	+3.9	ESE	1	24.5	31	-7	16	-3	50	+16	0	7	—	0	0	dr	—
TÔR	1013.0	+2.4	NW	5	23.4	30	-1	22	+2	64	-6	0	6	—	0	0	14	14
HURGHÂDA	1012.6	+1.7	NNW	3	25.8	30	-3	22	+2	61	+14	0	7	—	0	0	dr	0
QUSEIR	1011.9	+0.9	NNW	3	27.1	29	-2	22	-2	47	+3	0	6	—	0	0	1	7
PORT SUDAN	1009.0	-0.1	S	1	31.7	36	+1	28	+4	70	+27	2	—	—	1	dr	42	109
WÂDI HALFA	1013.7	+3.3	NNW	2	24.5	37	-3	19	-2	28	+6	0	8	—	0	—	—	—
KAREIMA	1009.2	+0.2	N	4	29.0	42	0	25	+1	19	+2	1	8	Ac	0	0	5	3
ʿATBARA	1008.4	+0.5	N	2	31.0	42	0	27	+2	32	+18	2	—	—	0	0	1	6
KHARTÛM	1008.1	+0.1	S	2	31.8	41	-1	23	-2	38	+11	3	7	Cc, Ac	1	0	26	7
KASSALA	1007.6	-0.4	SE	3	29.0	41	0	25	0	52	+13	2	8	Cc, Ac	0	dr	29	20
WAD MEDANI	1009.9	+2.0	SSW	2	29.0	40	-2	24	0	58	+30	3	—	—	1	2	60	22
DUEIM	1009.0	+0.2	SE	3	31.8	40	-1	27	+4	45	+12	2	—	—	0	0	35	20
RENK							—				—							
ROSEIRES	1008.4	-0.9	WSW	2	29.7	36	-2	24	+1	44	-5	2	—	—	1	0	26	88
EL OBEID	1009.2	-0.4	SW	5	28.0	40	+1	25	+3	30	-15	3	8	Cs, As	0	0	24	29
EL FÂSHER	—	—	ESE	2	29.5	42	+4	23	+3	17	-14	0	—	—	0	0	0	13
MALAKÂL	—	—	SSW	3	26.0	36	0	22	-1	69	+2	4	8	Sc	1	0	139	171
WÂU	1010.4	+0.7	SW	2	22.0	34	-1	21	0	96	+22	3	—	—	2	4	343	321
JÛBA																		
Geneina	—	—	S	4	28.4	39	—	21	—	22	—	4	5	Cs	0	0	—	—
Gallabat																		

Upper Wind Observations on *19-5-1937* — ارصاد الرياح العليا يوم ١٩-٥-١٩٣٧

Height metres above M.S.L.	*Matruh* 07h.00m. Dir. E. of N.	Kms per hour	*Dikheila* 07h.30m. Dir. E. of N.	Kms per hour	*Almaza* 07h.30m. Dir. E. of N.	Kms per hour	*Cairo* 08h.00m. Dir. E. of N.	Kms per hour	*Helwan* 08h.30m. Dir. E. of N.	Kms per hour	*Asyut* 07h.00m. Dir. E. of N.	Kms per hour	*Aswan* 07h.00m. Dir. E. of N.	Kms per hour
200	300	24	260	17	210	3	270	4	280	11	—	—	—	—
500	320	17	290	13	0	7	160	3	20	12	0	23	0	49
1000	310	24	320	20	20	13	340	21	340	19	340	30	30	36
1500	300	24	330	39	320	20			320	21	320	30	70	7
2000	310	24	330	50	310	27			320	30	340	26		
3000					310	39			320	36				
4000														
5000														
6000														

Height metres above M.S.L.	*Wadi Halfa* 06h.00m. Dir. E. of N.	Kms per hour	*Khartum* 05h.00m. Dir. E. of N.	Kms per hour	*Kassala* 07h.00m. Dir. E. of N.	Kms per hour	*El Obeid* 06h.00m. Dir. E. of N.	Kms per hour	*Malakal* 06h.00m. Dir. E. of N.	Kms per hour	*Geneina* 07h.00m. Dir. E. of N.	Kms per hour	*Ismailia* 07h.00m. Dir. E. of N.	Kms per hour	*Salum 18th* 13h.00m. Dir. E. of N.	Kms per hour
200	10	26	—	—	—	—	—	—	—	—	—	—	310	6	10	28
500	10	58	140	24	190	34	—	—	170	24	—	—	320	5	330	36
1000	10	53	140	21	220	47	260	51	170	32	—	—	340	21	330	43
1500	60	18	150	26	270	18	280	51	160	21	70	50	320	21	330	24
2000	30	11	—	—	260	35	190	26	80	10	110	31	300	27	330	32
3000	320	16	190	11	50	13			40	27			320	8		
4000	30	43			240	5										
5000																
6000																

Forecast for 24 hours from noon on *19th*

Moderate winds between northwest and northeast, fresh at times.
Occasional medium cloud.
Slightly warmer tomorrow; temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٩
رياح معتدلة منعشة احيانا بين الشمال الغربي والشمال الشرقي
يظهر بعض السحاب المتوسط من آن لآخر ويدفأ الطقس قليلا غدا
ودرجة الحرارة حول المعدل.

Station	Mean of day Humidity % on *18th*	Diff. from normal	Wet Bulb Temp. °C on *18th*	Diff. from normal
Alexandria	71	+1	17.4	-0.2
Ezbekiya	62	+9	18.2	-1.2
Gîza	63	+11	17.3	-1.2
Helwân	49	+10	15.6	-0.1

Gîza Grass minimum on *19th* 8.2 °C

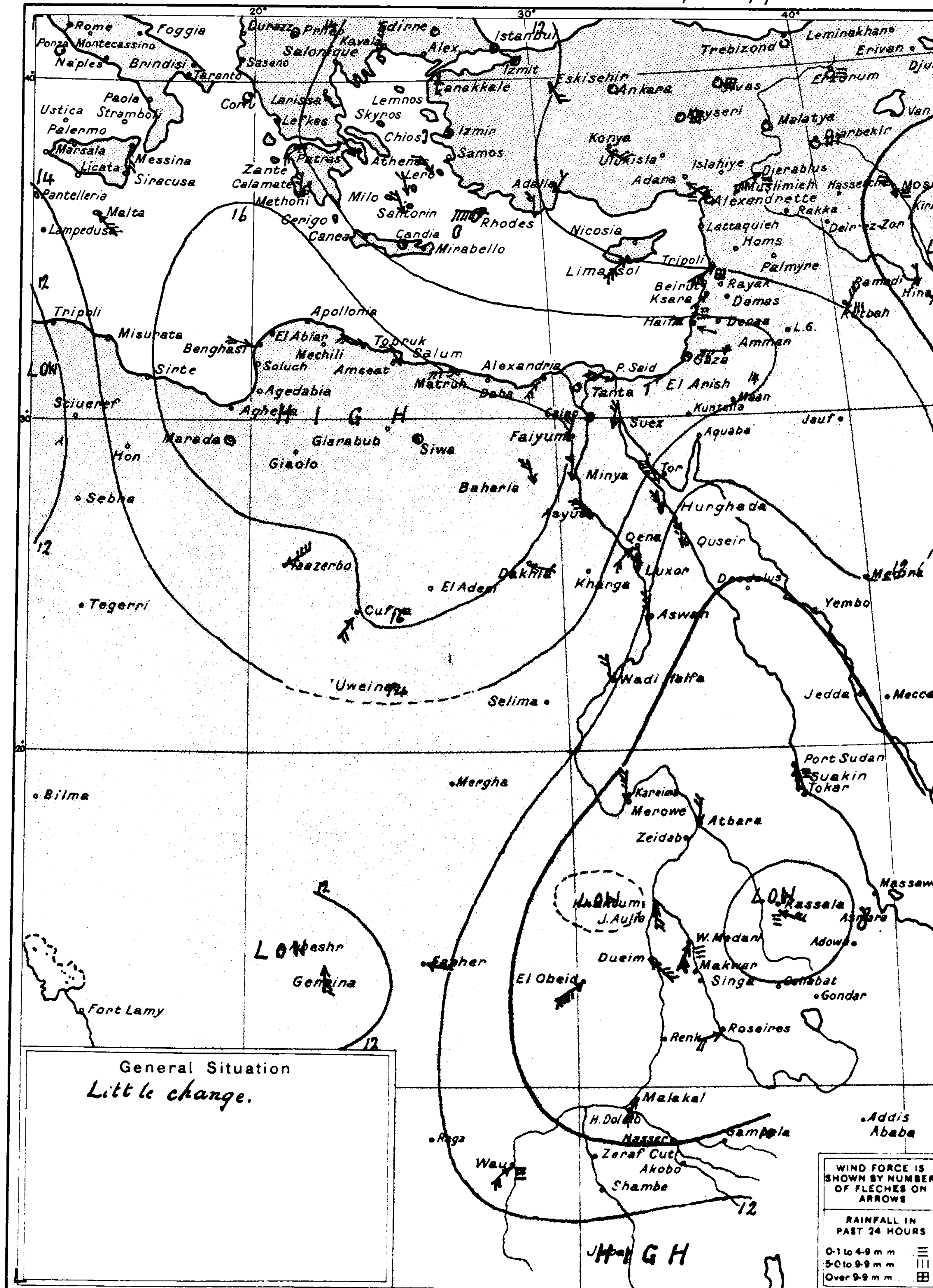
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
14-5	483	1146
18-5	846	1145

Gauge	Date 1937	Reading m.	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18-5	13.72	+0.18	13.72	+0.18
Nâsser	17-5	6.33	+0.07	6.25	+0.09
Malakâl	19-5	10.26	+0.06	10.24	+0.04
Roseires	19-5	11.86	-0.08	11.98	+0.07
Sennâr Res.	18-5	7.94	—	8.01	—
Khartûm	18-5	10.02	-0.13	9.97	-0.19
Kh. el Girba					
ʿAtbara	18-5	9.72	-0.30	9.72	-0.30
Kajnarti	19-5	131.43	-0.51	131.48	-0.46
Wâdi Halfa					
Aswân Res.	19-5	114.46	—	114.56	—
" D. S.	19-5	85.78	-0.01	85.52	-0.26
El Leisi	19-5	17.29	+0.42	17.29	+0.42
Rôda (Cairo)	19-5	15.73	+0.25	15.73	+0.25

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8 h. *19-5-1937* — ١٩-٥-١٩٣٧



General Situation
Little change.

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

Present Weather	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

Cloud Form	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on *18-5-1937* — الساعة ٨ يوم ١٨-٥-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m b	Diff. from normal m. b.	Wind Dir	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.	محطة
Limasol	1011	-1	SE	2	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.3	+2.7	WNW	2	22.4	26	-2	18	+1	83	+21	3	—	—	—	4	365	643	حيفا
Gaza	1011.5	+0.1	—	0	22.9	27	0	19	+4	72	+9	0	9	—	0	0	395	375	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post ... P.T. 100
Abroad ... P.T. 150

CAIRO.
Time of sunrise h. m. 04 58
sunset h. m. 18 44

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

No.	Region	STATION	At 14h. on 19th. (الساعة ١٤ يوم ١٩) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 20th (الساعة ٨ يوم الخميس ٢٠) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1017.2	NE	3	22.3	43	0	7	1017.5	+3.2	NW	2	19.3	23	—	12	—	71	—	0	6	—	0	0	105	—
131		MATRÛH	1015.6	NNW	4	21.9	73	0	6	1016.8	+3.1	W	3	19.9	22	-4	15	-1	86	+13	2	6	Sc	2	0	182	158
150		DIKHEILA	—	NW	3	22.8	67	1	—	—	—	SW	1	22.0	24	—	18	—	74	—	1	7	—	4	0	—	—
132		ALEXANDRIA	1015.5	W	4	24.5	64	0	9	1016.4	+2.7	SW	1	20.5	25	-2	18	0	81	+10	2	9	Cu	0	0	167	190
159		DAMIETTA								1015.6	—	NE	1	23.2	27	—	15	—	72	—	0	8	—	0	0	75	115
134		PORT SAÏD	1014.8	NNW	4	24.8	59	0	7	1016.0	+3.9	SW	2	21.6	27	+1	17	-2	76	+8	0	7	Cc	0	0	38	80
135		EL ʿARÎSH	1014.6	NNW	3	23.0	76	0	7	1015.8	—	—	0	23.7	24	—	14	—	63	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1016.7	+2.9	S	1	22.2	29	-2	15	0	69	+6	2	8	Cu	1	0	78	110
137		MANSÛRA								1015.8	—	NW	1	22.1	30	-2	14	-2	70	+7	0	8	—	0	0	45	56
138		TANTA	1014.2	W	5	29.0	45	0	8	1016.3	+2.3	—	0	20.0	30	-3	13	-3	86	+27	4	7	As	2	0	54	47
139		ZAGÂZÎG	1014.7	NNW	1	28.9	36	0	8	1016.7	—	SW	1	23.3	30	-2	14	-2	58	-5	0	8	Ci	1	0	20	27
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1014.6	NW	2	28.0	27	0	7	1016.4	—	NNW	1	21.8	29	—	14	—	56	—	0	8	Sc	0	0	—	—
	CAIRO	EZBEKÎYA	1013.8	—	0	29.0	32	0	9	1015.9	+3.2	—	0	23.2	30	-2	16	-1	56	-5	0	6	—	0	0	18	32
	CAIRO	GÎZA	1014.0	NNW	1	29.5	29	0	7	1016.2	+2.8	NW	2	20.6	30	-3	12	-3	60	0	0	6	—	0	0	16	30
143		HELWÂN	1013.6	NW	5	27.8	27	0	8	1015.9	+2.9	—	0	20.3	29	-3	16	-2	55	+5	6	4	—	0	0	17	35
144		SUFZ								1015.8	+3.3	N	1	22.5	30	-2	18	-1	84	+16	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1014.3	NNW	4	29.0	25	0	8	1016.4	+3.4	N	2	22.5	31	-4	15	-2	57	+9	0	8	—	0	0	6	11
154		MINYA	1013.8	NW	3	29.9	25	0	7	1015.5	+3.2	NNW	1	23.0	30	-4	15	-1	50	-5	0	8	—	0	0	16	—
156		ASYÛT	1013.1	NW	3	30.0	21	0	8	1015.4	+3.3	SW	2	25.0	31	-4	17	-2	44	+4	0	7	—	0	0	dr.	5
156		QENA	1010.6	NNW	3	34.1	14	0	8	1014.2	+3.5	NNW	1	26.2	36	-3	18	-2	34	-4	0	8	—	0	0	dr.	—
157		LUXOR	1010.4	NNW	1	34.6	31	0	8	1013.9	—	NNE	1	27.2	36	—	16	—	43	—	0	8	—	0	0	dr.	—
158		ASWÂN	1008.4	NNE	4	35.0	12	0	8	1012.4	+1.7	N	3	26.0	36	-4	21	-2	30	+1	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1015.5	NW	1	31.4	40	0	6	1017.2	+3.5	—	0	24.1	33	-1	13	-3	51	-3	0	6	—	0	0	29	7
149		BAHARÎYA	1014.2	NNE	3	30.4	43	0	9	1016.3	—	ESE	1	24.0	31	—	14	—	59	—	0	9	—	0	0	26	—
151		KHÂRGA	1011.8	N	3	32.2	24	0	9	1015.2	+4.1	N	2	26.5	32	-7	19	-2	47	+8	0	9	—	0	0	0	0
152		DÂKHLA	1013.5	NNW	3	30.9	10	0	8	1016.0	+4.0	—	0	25.4	33	-5	18	+1	29	-5	0	7	—	0	0	dr.	—
145	RED SEA	TÔR								1013.6	+3.1	NW	5	23.4	29	-2	19	-1	70	0	0	6	—	0	0	14	14
146		HURGHÂDA								1013.6	+2.8	NNW	3	26.4	30	-3	19	-2	56	+9	0	7	—	1	0	dr.	0
147		QUSEIR	1011.5	NE	4	28.2	55	0	6	1012.7	+1.8	NNW	3	27.9	30	-2	22	-2	42	-2	0	6	—	0	0	1	7
169		PORT SUDAN								1011.9	+2.9	N	2	30.5	39	+4	21	-3	48	+6	1	—	—	1	dr.	42	109
165	NORTH SUDAN	WÂDI HALFA								1014.8	+4.5	NE	4	24.2	36	-4	19	-2	35	+13	0	8	—	0	—	—	—
166		KAREIMA								1009.7	+0.8	N	3	30.5	40	-2	25	+1	39	+22	0	7	—	0	0	5	3
167		ʿATBARA								1007.1	-0.7	SW	3	31.0	40	-2	26	+1	42	+28	3	—	—	0	0	1	6
168		KHARTÛM								1010.2	+2.2	S	2	26.3	42	0	22	-3	68	+41	4	8	Ac	1	1	27	7
170		KASSALA								1011.2	+3.2	SE	2	25.7	39	-2	23	-2	62	+23	4	8	Sc	1	dr.	29	21
171	CENTRAL SUDAN	WAD MEDANI								1012.0	+4.1	S	2	24.7	39	-3	21	-3	84	+55	3	—	—	1	3	63	22
173		DUEIM								1011.1	+2.3	NE	3	27.4	40	-1	23	0	57	+24	4	—	—	2	1	36	20
		RENK																									
172		ROSEIRES								1012.4	+3.0	NNW	2	24.4	38	0	22	-1	80	+30	3	—	—	2	5	31	90
174		EL OBEID								1011.2	+1.6	E	6	26.0	38	-1	24	+2	36	-9	2	8	Sc, Cc	1	0	24	29
175		EL FÂSHER								—	—	SW	1	26.5	39	+1	21	+1	14	-17	0	—	—	0	0	0	13
176	S. SUDAN	MALAKÂL								—	—	SSE	3	25.8	35	0	23	0	76	+8	4	8	Sc	1	0	139	173
177		WÂU								1010.4	+0.6	SE	3	25.8	33	-2	22	+1	78	+3	1	—	—	1	0	343	326
178		JÛBA																									
179 / 180		Geneina / Gallabat								—	—	—	0	23.6	39	—	22	—	15	—	2	8	As	1	0	—	—

Upper Wind Observations on 20-5-1937 ارصاد الرياح العليا يوم ٢٠ - ٥ - ١٩٣٧

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Salum Kms per hour	Matruh 07h.00m. Dir.	Matruh Kms	Dikheila 07h.30m. Dir.	Dikheila Kms	Almaza 07h.30m. Dir.	Almaza Kms	Cairo 06h.00m. Dir.	Cairo Kms	Helwan 08h.30m. Dir.	Helwan Kms	Asyut 07h.00m. Dir.	Asyut Kms	Aswan 07h.00m. Dir.	Aswan Kms	Wadi Halfa 06h.00m. Dir.	Wadi Halfa Kms	Khartum 06h.00m. Dir.	Khartum Kms	Kassala 06h00m. Dir.	Kassala Kms	El Obeid 06h00m. Dir.	El Obeid Kms	Malakal 06h00m. Dir.	Malakal Kms	Geneina 06h.00m. Dir.	Geneina Kms	Salum 19th 13h.00m. Dir.	Salum 19th Kms
200	320	11	280	17	230	8	0	4	10	13	300	10	—	—	—	—	30	21	—	—	—	—	—	—	—	—	—	—	60	18
500	20	4	0	6	120	8	70	18	50	23	20	14	10	31	20	31	20	43	120	21	170	27	—	—	180	24	—	—	—	—
1000	20	8	10	16	—	—	10	22	20	22	30	30	350	36	30	21	20	37	150	27	170	29	110	50	170	21	—	—	250	7
1500	350	13	10	26	0	32	330	23	340	31	340	23			230	7	70	26	130	27	170	11	150	24	100	16	70	60	300	28
2000	0	23	10	19	350	31	340	19			340	20					150	11	160	14	170	8	20	14	70	21	80	55	320	49
3000							290	18			320	18					120	16	200	14										
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 20th
Moderate winds between northwest and northeast.
Clear or occasional high cloud.
Slightly warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٢٠
رياح معتدله بين شماليه غربيه وشماليه شرقيه
السماء صحو أو بها بعض السحاب العالى احيانا
ترتفع درجة الحرارة قليلا

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet Bulb Temp. °C on 19th	Diff. from normal
Alexandria	79	+9	18.6	+0.9
Ezbekiya	54	+1	17.9	-1.6
Gîza	54	+2	17.4	-1.2
Helwân	49	+10	16.1	+0.3

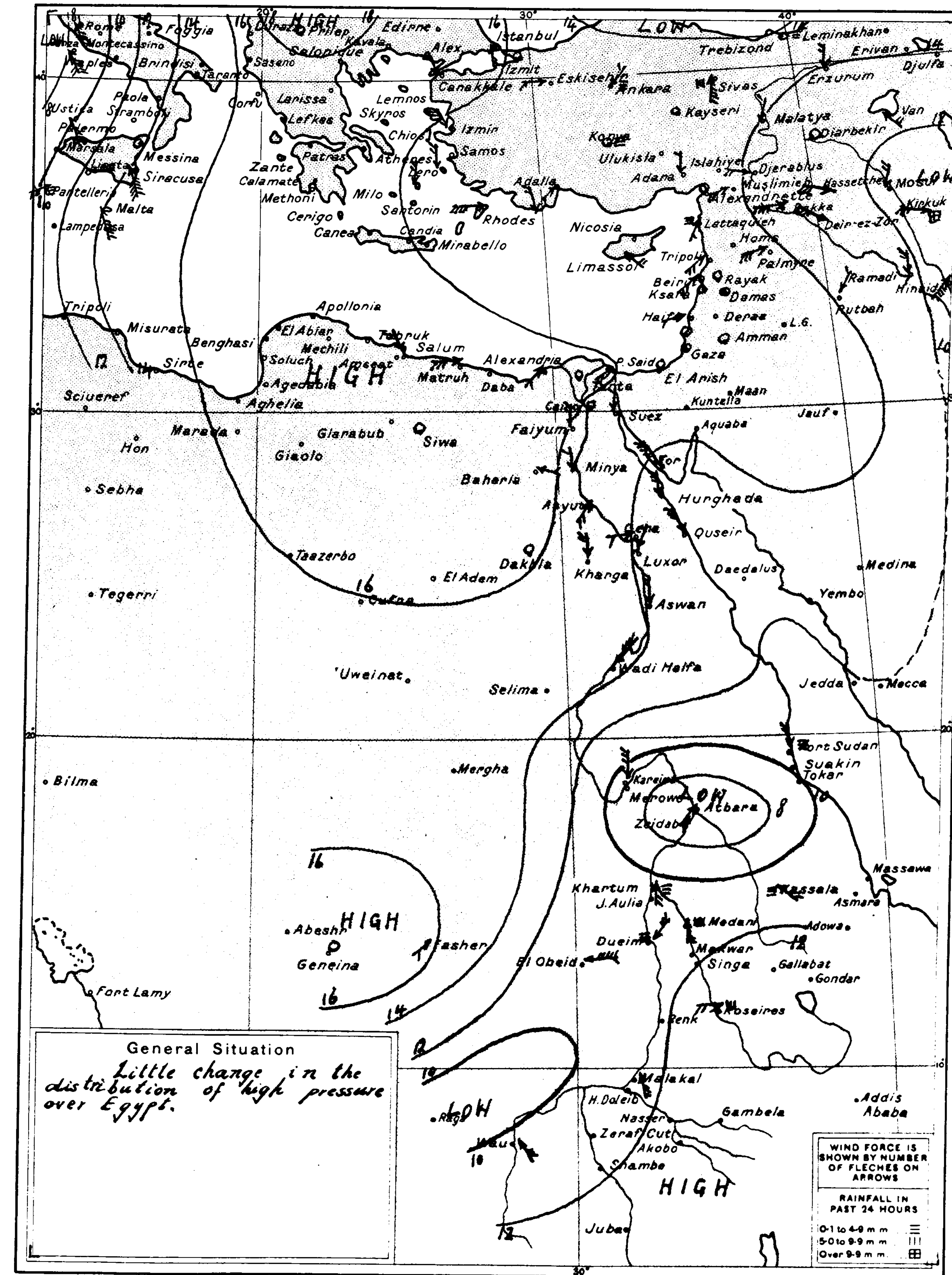
Gîza Grass minimum on 20th 7.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
20-5	1018	1192
19-5	983	1146

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	19-5	13.72	+0.18	13.72	+0.18
Nâsser	19-5	6.44	+0.11	6.39	+0.09
Malakâl	20-5	10.30	+0.10	10.26	+0.06
Roseires	20-5	11.88	-0.10	11.86	-0.08
Sennâr Res.	19-5	7.86	—	7.94	—
Khartûm	19-5	9.99	-0.17	10.02	-0.13
Kh. el Girba					
ʿAtbara	20-5	9.75	-0.26	9.73	-0.28
Kajnarti	20-5	131.39	-0.56	131.43	-0.51
Wâdi Halfa					
Aswân Res.	20-5	114.29	—	114.46	—
.. D.S.	20-5	85.85	+0.04	85.78	-0.01
El Leisi	20-5	17.30	+0.42	17.29	+0.42
Rôda (Cairo)	20-5	15.75	+0.27	15.73	+0.25

Pressure and Wind at 8 h. 20-5-1937 ١٩٣٧-٥-٢٠



General Situation
Little change in the distribution of high pressure over Egypt.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

STATION	At 8 h. on 19-5-1937 (الساعة ٨ يوم ١٩-٥-١٩٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1012	0	SW	3	22	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1013.8	+3.2	ESE	1	22.3	25	-3	17	0	67	+5	0	—	—	—	0	365	643	حيفا
Gaza	1013.8	+2.5	—	0	21.8	26	-1	15	0	69	+6	2	6	—	1	0	395	875	غزة
Kharga	1015.0	+3.8	N	2	23.6	32	-7	17	-4	66	+27	0	9	—	0	0	0	0	الخارجه

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. m. 04 58
sunset h. m. 18 45

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 20th — الساعة ١٤ يوم ٢٠

No.	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN: SALÛM	1017.5	NNE	2	22.8	64	0	8
131	MATRÛH	1016.2	NNW	3	22.1	80	0	6
150	DIKHEILA	—	NW	4	22.7	77	0	—
132	ALEXANDRIA	1016.4	NW	5	23.3	59	1	8
159	DAMIETTA							
134	PORT SAÏD	1015.4	NNW	3	26.3	60	0	7
135	EL 'ARÎSH	1014.6	NNW	4	23.6	73	0	7
136	LOWER EGYPT: DAMANHÛR							
137	MANSÛRA							
138	TANTA	1014.2	W	4	30.0	47	0	8
139	ZAGÂZÎG	1014.7	NNW	1	29.1	33	0	8
141	MIDDLE EGYPT: CAIRO ALMÂZA	1014.8	NNE	2	29.4	31	0	8
	CAIRO EZBEKÎYA	1014.2	N	2	29.8	32	0	9
	CAIRO GÎZA	1013.4	NNW	1	30.0	29	0	7
143	HELWÂN	1013.9	WNW	4	28.2	25	6	6
144	SUEZ							
153	UPPER EGYPT: FAIYÛM	1014.3	NNW	2	30.0	25	0	8
154	MINYA	1013.6	N	3	31.4	22	0	7
155	ASYÛT	1013.4	WNW	3	31.2	24	0	8
156	QENA	1011.5	WNW	3	32.5	22	0	9
157	LUXOR	1011.4	NNW	4	35.4	28	0	8
158	ASWÂN	1007.4	NW	3	36.0	18	0	8
148	WESTERN DESERT: SÎWA	1016.3	W	1	32.4	29	0	6
149	BAHARÎYA	1014.7	WNW	3	31.0	33	0	9
151	KHÂRGA	1012.6	N	2	33.0	32	0	7
152	DÂKHLA	1014.3	NNE	3	32.7	10	0	8
145	RED SEA: TÔR							
146	HURGHÂDA							
147	QUSEIR	1011.8	N	4	28.4	50	0	6
169	PORT SUDAN							
165	NORTH SUDAN: WÂDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTÛM							
170	KASSALA							
171	CENTRAL SUDAN: WAD MEDANI							
173	DUEIM							
	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	S. SUDAN: MALAKÂL							
177	WÂU							
178	JÛBA							
179	*Geneina*							
180	*Gullabat*							

At 8h. on *Friday 21st* — الساعة ٨ يوم الجمعة ٢١

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
SALÛM	1017.4	+3.2	—	0	20.2	26	—	15	—	79	—	0	5	—	0	0	105	—
MATRÛH	1015.9	+2.2	W	3	20.1	22	-4	17	+1	90	+17	2	6	Sc	1	0	182	158
DIKHEILA	—	—	WNW	3	21.7	23	—	17	—	85	—	3	7	St	1	0	—	—
ALEXANDRIA	1015.2	+1.5	WNW	2	21.4	25	-2	19	+1	82	+11	3	8	Cu	2	0	167	190
DAMIETTA	1013.9	—	W	1	24.2	30	—	16	—	70	—	6	7	—	0	0	75	115
PORT SAÏD	1014.6	+2.5	NW	4	21.9	27	0	18	-1	77	+9	2	7	Ac	1	0	38	80
EL 'ARÎSH	1014.4	—	—	0	26.0	24	—	15	—	52	—	0	7	—	0	●	—	—
DAMANHÛR	1015.4	+1.6	WNW	3	23.8	29	-2	16	+1	67	+4	1	7	Cu	4	0	78	110
MANSÛRA	1014.7	—	N	2	21.6	31	-1	15	-1	76	+13	0	8	Ci	0	0	45	56
TANTA	1015.2	+1.2	NW	3	20.0	30	-4	14	-2	81	+22	0	8	—	0	0	54	47
ZAGÂZÎG	1015.2	—	WSW	2	23.4	30	-2	15	-1	→	→	0	8	Ci	1	0	20	27
CAIRO ALMÂZA	1015.4	—	WNW	1	21.9	30	—	15	—	60	—	0	8	—	0	0	—	—
CAIRO EZBEKÎYA	1014.8	+2.1	—	0	24.1	31	-2	16	-1	54	-7	0	—	—	0	0	18	32
CAIRO GÎZA	1014.7	+1.3	—	0	23.3	31	-2	14	-1	57	-3	0	6	—	0	0	16	30
HELWÂN	1015.5	+2.5	—	0	21.9	30	-2	17	-1	44	-6	0	6	—	0	0	17	35
SUEZ	1014.8	+2.3	E	1	24.4	30	-2	18	-1	79	+11	0	6	—	0	0	13	26
FAIYÛM	1015.5	+2.5	—	0	25.9	31	-4	16	-2	49	+1	0	7	—	0	0	6	11
MINYA	1015.1	+2.9	N	1	25.5	32	-2	17	0	51	-4	0	9	—	0	0	16	—
ASYÛT	1015.2	+3.1	SW	3	25.0	33	-2	18	-1	47	+7	0	8	—	0	0	dr	5
QENA	1013.9	+3.2	W	1	27.0	33	-6	19	-1	31	-7	0	8	—	0	0	dr	—
LUXOR	1013.6	—	NE	1	29.4	37	—	18	—	40	—	0	8	—	0	0	dr	—
ASWÂN	1013.9	+3.2	N	2	27.0	37	-3	20	-3	26	-3	0	8	—	0	0	1	—
SÎWA	1017.1	+3.5	—	0	25.1	34	0	13	-3	53	0	0	6	—	0	0	29	7
BAHARÎYA	1016.0	—	SW	1	26.0	32	—	15	—	47	—	0	9	—	0	0	26	—
KHÂRGA	1015.0	+3.4	N	2	26.7	34	-5	19	-2	46	+7	0	9	—	0	0	0	0
DÂKHLA	1016.6	+4.6	NNW	1	25.8	34	-5	18	-1	35	+1	0	7	—	0	0	dr	—
TÔR	1013.1	+2.7	NW	5	23.7	31	0	21	+1	68	-2	0	6	—	0	0	14	14
HURGHÂDA	1014.0	+3.3	NNW	2	27.5	30	-3	19	-2	47	0	0	7	—	0	0	dr	0
QUSEIR	1011.9	+0.1	N	3	28.7	30	-2	21	-3	51	+7	0	6	—	0	0	1	7
PORT SUDAN	1010.8	+1.8	N	1	32.2	35	0	21	-3	29	-13	1	—	—	0	0	42	107
WÂDI HALFA	1014.9	+4.6	N	3	24.9	38	-2	19	-2	34	+12	0	8	—	0	—	—	—
KAREIMA	1010.0	+1.1	NE	4	31.3	41	-1	25	+1	22	+5	0	8	—	0	0	5	3
'ATBARA	1007.9	+0.1	SE	2	34.0	40	-2	28	+3	36	+22	0	—	—	0	0	1	6
KHARTÛM	1007.7	+1.7	NW	2	30.0	38	-4	25	0	25	-3	2	8	Ci, Ac	1	0	27	7
KASSALA	1006.2	-1.9	SSE	1	31.3	37	-4	27	+2	48	+9	2	8	Ci	0	0	29	21
WAD MEDANI	1009.6	+1.6	—	0	32.0	37	-5	25	+1	43	+14	2	—	—	0	0	63	23
DUEIM	1009.5	+0.7	NNE	2	32.8	38	-3	26	+3	38	+4	2	—	—	1	0	35	21
RENK							—		—		—							
ROSEIRES	1009.5	+0.1	ESE	2	30.3	36	-2	24	+1	51	+1	2	—	—	0	0	31	42
EL OBEID	1009.6	0.0	NW	3	29.9	38	-1	27	+5	7	-38	3	8	Ac	1	0	24	30
EL FÂSHER	—	—	WSW	1	26.2	40	+2	27	+7	15	-17	0	—	—	0	0	0	13
MALAKÂL	—	—	E	1	27.0	35	0	24	+1	69	+1	4	8	As	2	dr	139	176
WÂU	1009.0	-0.8	S	3	28.0	35	0	25	+4	67	-8	1	—	—	1	0	343	330
JÛBA	1011.7	-0.2	SE	3	27.0	32	-1	24	+3	84	+3	2	8	Cu	9	0	506	365
Geneina	—	—	ENE	3	25.6	39	—	21	—	12	—	0	8	—	0	0	—	—
Gullabat	—																	

Upper Wind Observations on 21st — ارصاد الرياح العليا يوم ٢١

Height metres above M.S.L.	Dikheila 07h. 30m. Dir. E. of N.	Dikheila Kms. per hour	Halfa 06h. 00m. Dir.	Halfa Kms.	Kareima 05h. 00m. Dir.	Kareima Kms.	Khartum 05h. 00m. Dir.	Khartum Kms.	Kassala 07h. 00m. Dir.	Kassala Kms.	El Obeid 06h. 30m. Dir.	El Obeid Kms.	Malakal 06h. 00m. Dir.	Malakal Kms.	Geneina 06h. 00m. Dir.	Geneina Kms.
200	300	21	40	31	—	—	—	—	—	—	—	—	—	—	—	—
500			30	51	30	60	350	16	170	14	—	—	140	11	—	—
1000			10	48	50	43	160	11	130	2	10	43	150	13	—	—
1500			20	24	60	18			20	10	30	18	220	10	60	64
2000			10	26	100	11			60	11	30	8	210	11	70	34
3000			350	14	220	11			80	11	50	19	110	10	70	37
4000			230	5	220	16			340	16					110	11
5000									230	8						
6000									130	6						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة مرتقبة

Station	Mean of day Humidity % on 20th	Diff. from normal	Wet bulb temp. °C on 20th	Diff. from normal
Alexandria	84	+14	17.1	+1.3
Ezbekiya	52	-1	18.7	-0.9
Gîza	51	-1	17.5	-1.1
Helwân	44	+5	16.5	+0.6

Gîza Grass minimum on 21st 7.1 °C

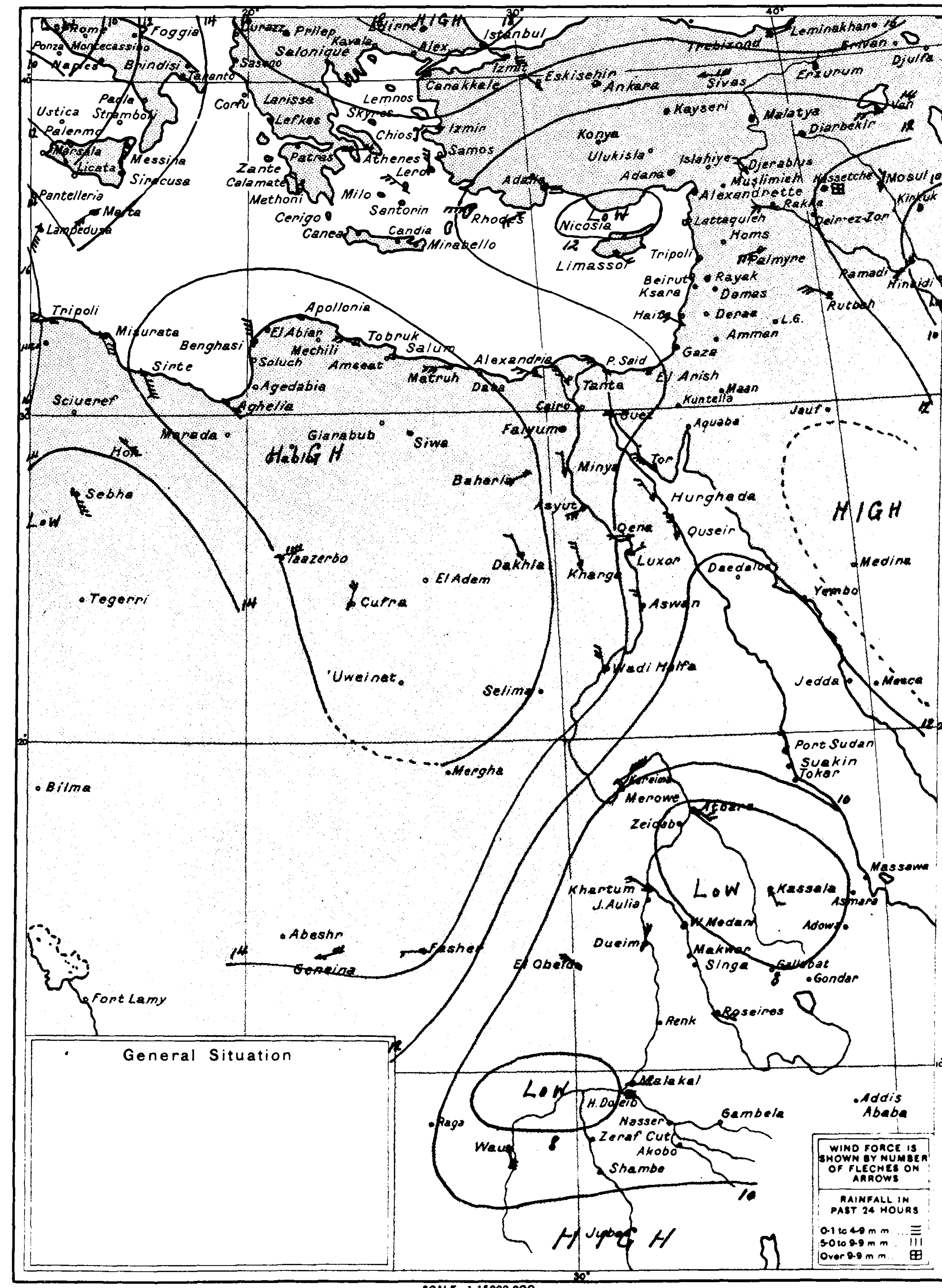
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
21-5	1020	1228
20-5	1018	1192

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-5	13.80	+0.24	13.86	+0.31
Nâsser	21-5	6.42	0.00	6.42	+0.05
Malakâl	21-5	10.32	+0.11	10.30	+0.10
Roseires	21-5	12.25	+0.23	11.88	-0.10
Sennâr Res.	21-5	7.16	—	7.78	—
Khartûm	21-5	10.02	-0.16	9.98	-0.19
Kh. el Girba					
'Atbara	21-5	9.75	-0.25	9.75	-0.26
Kajnarti	21-5	131.37	-0.58	131.39	-0.56
Wâdi Halfa					
Aswân Res.	21-5	114.13	—	114.29	—
,, D.S.	21-5	85.87	+0.05	85.85	+0.04
El Leisi	21-5	17.31	+0.42	17.30	+0.42
Rôda (Cairo)	21-6	15.79	+0.31	15.75	+0.27

Printed by the Survey of Egypt 1936. (36/530)

١٩٣٧-٥-٢١ Pressure and Wind at 8 h. *21-5-1937*



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on *20-5-1937* — الساعة ٨ يوم ٢٠-٥-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1015	+3	SE	2	22	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.2	+4.7	WSW	1	23.7	25	-3	18	+1	87	+24	0	—	—	—	0	365	643	حيفا
Gaza	1015.4	+4.1	—	0	21.9	27	0	13	-2	70	+7	0	9	—	0	0	395	375	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO
Time of sunrise h. m. 04 58
sunset h. m. 18 46

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 21st — الساعة ١٤ يوم ٢١ ; At 8h. on Saturday 22nd — الساعة ٨ يوم ٢٢ السبت

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1017.6	NE	1	25.6	57	0	7	1018.2	+4.0	N	1	23.0	27	—	17	—	46	—	0	6	—	0	0	105	—
131		MATRÛH	1016.0	NW	3	22.4	81	0	6	1016.6	+2.9	WNW	3	21.2	23	-3	16	0	82	+9	0	6	—	0	0	182	158
150		DIKHEILA														—		—									—
132		ALEXANDRIA	1015.1	WNW	5	24.5	68	0	8	1016.0	+2.3	NE	1	21.1	26	-1	19	+1	79	+8	1	8	Cu	0	0	167	190
159		DAMIETTA								1015.0	—	NNW	1	23.3	29	—	14	—	72	—	3	8	Cu	1	0	75	115
134		PORT SAÏD	1014.0	NNW	4	26.5	66	0	7	1015.0	+2.9	NNW	3	22.6	28	+1	19	0	73	+5	2	7	Sc	1	0	38	80
135		EL 'ARÎSH	1013.3	N	3	23.7	78	0	7	1014.4	—	NNW	1	23.0	26	—	17	—	74	—	3	7	Cu	1	0	—	—
136	Lower Egypt	DAMANHÛR								1015.8	+2.0	N	2	23.2	29	-2	14	-1	68	+5	1	8	Cu	1	0	78	110
137		MANSÛRA								1014.8	—	NNE	1	23.2	30	-2	18	+2	67	+4	1	8	Cs	1	0	45	56
138		TANTA	1013.6	NW	6	29.0	52	2	8	1015.4	+1.5	N	2	21.0	30	-4	16	0	82	+23	0	8	—	0	0	54	47
139		ZAGÂZÎG	1013.5	WNW	1	30.3	39	0	8	1015.5	—	WNW	1	23.1	30	-3	17	+1	73	+10	0	8	Ci	1	0	20	27
141	Middle Egypt (Cairo)	ALMÂZA	1014.2	WSW	2	30.9	31	0	8	1015.5	—	NNW	2	22.7	31	—	16	—	65	—	1	8	Sc	1	0	—	—
	(Cairo)	EZBEKÎYA	1013.6	NW	3	31.3	26	0	8	1015.1	+2.4	NNE	1	24.0	32	-1	16	-1	60	-1	0	—	—	0	0	18	32
	(Cairo)	GÎZA	1013.0	NW	2	31.5	25	0	7	1015.1	+1.8	N	1	22.0	32	-1	16	+1	68	+8	0	6	—	0	0	16	30
143		HELWÂN	1013.3	WNW	5	30.0	17	0	7	1015.6	+2.6	—	0	20.0	30	-3	17	-1	76	+26	1	5	Cu	1	0	17	35
144		SUEZ								1015.2	+2.7	N	1	22.8	32	-1	19	0	88	+20	0	6	Ci	0	0	13	26
153	Upper Egypt	FAIYÛM	1014.0	NNW	4	32.2	14	0	8	1015.8	+2.8	N	3	22.5	33	-2	17	-1	64	+16	1	7	Cu	0	0	6	11
154		MINYA	1014.3	NNW	4	32.6	24	0	7	1016.0	+3.8	NNW	3	22.0	34	0	18	+1	66	+11	0	8	—	0	0	16	—
155		ASYÛT	1013.4	NW	3	32.0	28	0	8	1015.1	+3.1	WSW	3	23.8	33	-2	18	-1	56	+16	0	7	—	0	0	dr	5
156		QENA	1011.6	NNW	3	36.0	17	0	9	1012.8	+2.2	W	1	28.5	36	-3	19	-1	33	-5	0	8	—	0	0	dr	—
157		LUXOR	1011.4	WSW	4	35.0	35	0	8	1013.3	—	ESE	1	29.7	36	—	18	—	42	—	0	8	—	0	0	dr	—
158		ASWÂN	1010.6	NNW	2	35.0	19	0	8	1012.7	+2.1	N	1	27.9	37	-3	20	-3	28	-2	0	8	—	0	0	1	
148	Western Desert	SÎWA	1015.2	—	0	34.5	30	0	6	1017.4	+3.9	—	0	24.9	36	+2	15	-1	56	+3	0	6	Ci	0	0	29	7
149		BAHARÎYA	1014.2	N	3	32.6	45	0	9	1016.7	—	NNE	2	22.0	34	—	15	—	68	—	0	9	—	0	0	26	
151		KHÂRGA	1013.0	N	4	33.4	34	0	9	1014.2	+3.2	N	2	27.2	34	-5	20	-1	48	+9	0	9	—	0	0	0	0
152		DÂKHLA	1013.9	NNW	3	33.4	12	0	8	1015.2	+3.2	—	0	27.8	34	-5	19	0	27	-7	0	7	—	0	0	dr	—
145	Red Sea	TÔR								1012.8	+2.5	NW	4	25.0	33	+2	21	+1	71	+1	0	6	—	0	0	14	14
146		HURGHÂDA								1013.4	+2.7	NNW	3	26.3	31	-2	20	-1	57	+10	0	7	—	0	0	dr	0
147		QUSEIR	1012.0	N	4	28.8	58	0	6	1010.7	-1.0	N	2	29.8	30	-2	23	-1	48	+3	0	6	—	0	0	1	7
169		PORT SUDAN								1004.4	+1.0	NNW	4	33.2	38	+2	25	+1	23	-19	0	—	—	0	0	42	104
165	North Sudan	WÂDI HALFA								1014.1	+3.9	NNE	3	25.9	38	-2	19	-2	36	+14	0	8	—	0	—	—	—
166		KAREIMA								1009.7	+0.9	NNE	4	31.1	42	-1	25	+1	13	-4	0	8	Ac	0	0	5	3
167		'ATBARA								1009.1	+1.3	E	2	34.0	42	-1	29	+4	22	+7	0	—	—	0	0	1	6
168		KHARTÛM								1008.7	+0.7	S	1	30.0	42	0	26	0	47	+19	4	7	Cu, Ac	2	dr	27	7
170		KASSALA								1007.8	-0.3	S	2	29.9	41	0	27	+2	53	+14	0	8	Ac	0	0	24	21
171	Central Sudan	WAD MEDANI								1010.4	+2.4	SSW	2	25.0	40	-2	23	-1	87	+57	3	—	—	1	26	89	23
173		DUEIM								1010.0	+1.2	SE	3	27.2	40	-1	24	+1	72	+38	4	—	—	3	8	44	21
182		RENK									—					—		—		—							
172		ROSEIRES								1010.0	+0.5	S	2	23.8	38	0	22	-1	75	+24	3	—	—	2	0	31	94
174		EL OBEID								1010.5	+0.8	S	3	28.0	39	0	25	+3	51	+5	4	8	Sc	2	0	24	30
175		EL FÂSHER								—	—	WSW	1	26.0	40	+2	17	-3	13	-20	0	—	—	0	0	0	13
176	S. Sudan	MALAKÂL								—	—	ESE	5	26.0	35	0	23	0	76	+7	4	8	Cu, Cb	1	dr	139	179
177		WÂU								1010.4	+0.6	W	2	24.9	35	0	22	+1	77	+2	1	—	—	2	11	354	335
178		JÛBA								1012.3	+0.4	NW	3	26.3	33	0	23	+2	84	+3	4	9	Cu, Cs	1	dr	506	368
179 180										—	—	E	1	22.7	40	—	18	—	44	—	1	8	Ci	0	0	—	—

Upper Wind Observations on 22 — ارصاد الرياح العليا يوم

Height metres above M.S.L.	Wadi Halfa 06h. 00m. Dir. E. of N.	Kms. per hour	Kassala 07h. 00m. Dir. E. of N.	Kms. per hour	El Obeid 06h. 00m. Dir. E. of N.	Kms. per hour	Malakal 06h. 00m. Dir. E. of N.	Kms. per hour	Geneina 06h. 00m. Dir. E. of N.	Kms. per hour	Heliopolis 07h. 00m. Dir. E. of N.	Kms. per hour
200	30	27	—	—	—	—	—	—	—	—	10	10
500	30	56	210	24	—	—	250	3	—	—	10	16
1000	30	60	260	27	340	18	210	8	—	—	30	21
1500	20	31	210	14	30	24	270	13	100	50	—	—
2000	20	24	70	14	50	31	310	16	80	40	10	24
3000	10	27	40	21	30	50					200	8
4000	320	18			30	18					270	11
5000												
6000												

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة مرطهم

STATION	Mean of day Humidity % on 21st	Diff. from normal	Wet Bulb Temp. °C on 21st	Diff. from Normal
Alexandria	81	+10	19.6	+1.7
Ezbekiya	50	-4	18.8	-0.9
Gîza	—	—	—	—
Helwân	40	+1	16.2	+0.2

Gîza Grass minimum on 22nd 12.5 °C

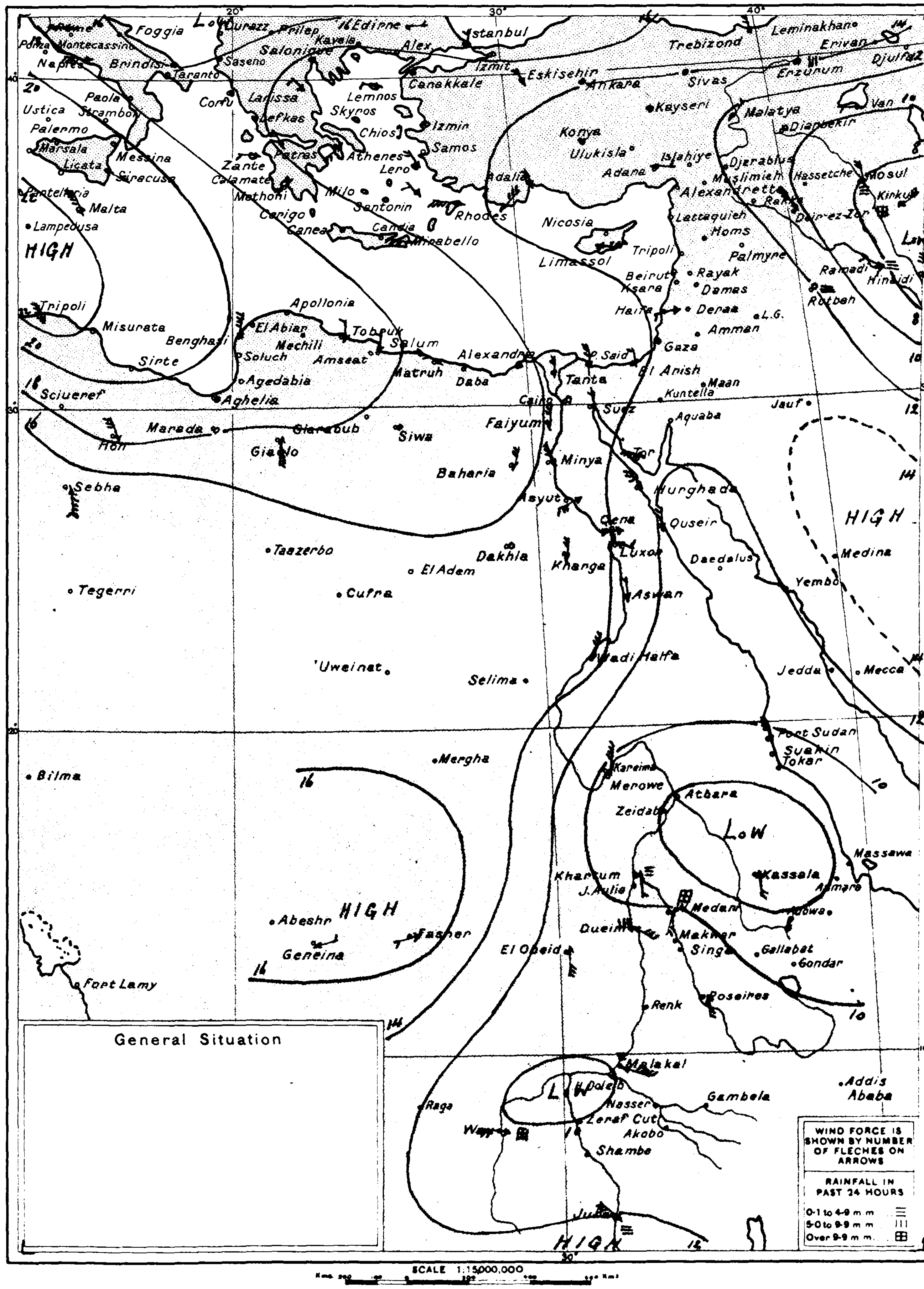
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
22-5	1019	1252
21-5	1020	1228

GAUGE	Date 1937	Reading m.	Diff. from Normal m.	Previous day Reading m.	Previous day Diff. from Normal m.
Jûba	22-5	13.89	+0.32	13.80	+0.24
Nâsser	22-5	6.62	+0.17	6.42	0.00
Malakâl	22-5	10.34	+0.12	10.32	+0.11
Roseires	22-5	12.11	+0.04	12.25	+0.23
Sennâr Res.	22-5	6.78	—	7.16	—
Khartûm	22-5	10.15	-0.06	10.02	-0.16
Kh. el Girba					
'Atbara	22-5	9.78	-0.20	9.75	-0.25
Kajnarti	22-5	131.37	-0.59	131.37	-0.58
Wâdi Halfa					
Aswân Res.	22-5	113.97	—	114.13	—
D. S.	22-5	85.86	+0.03	85.87	+0.06
El Leisi	22-5	17.32	+0.42	17.31	+0.42
Rôda (Cairo)	22-5	15.74	+0.31	15.79	+0.31

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧ - ٥ - ٢٢ Pressure and Wind at 8 h. 22-5-1937



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 21-5-37 — الساعة ٨ يوم ٢١-٥-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b	Diff. from Normal m.b	Wind Dir	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff from norm. °C	Min. To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1013	+1	SE	2	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.9	+3.4	NNW	2	23.8	25	-3	18	+1	83	+20	0	—	—	—	0	365	644	حيفا
Gaza	1013.4	+2.1	—	0	22.2	28	+1	16	+1	73	+10	0	9	—	0	0	395	375	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post ... P.T. 100
Abroad ... P.T. 150

CAIRO

Time of sunrise h. 04 m. 57 — sunset h. 18 m. 46

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

DAILY WEATHER REPORT

Month May 1937 . ١٩٣٧ شهر مايو

Pressure and Wind at 8 h. 23-5-1937

At 14 h. on 22nd — الساعة ١٤ يوم ٢٢

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
130	SALÛM	1017.9	NE	1	27.0	40	0	8
131	MATRÛH	1016.6	NNW	2	23.8	81	0	6
150	DIKHEILA							
132	ALEXANDRIA	1015.8	NW	4	24.8	64	0	8
159	DAMIETTA							
134	PORT SAÏD	1014.8	NNW	4	26.2	64	0	7
135	EL 'ARÎSH	1014.2	NNW	2	23.0	83	0	7
	LOWER EGYPT							
136	DAMANHÛR							
137	MANSÛRA							
138	TANTA	1014.6	NW	5	30.3	46	2	8
139	ZAGÂZÎG	1014.2	WNW	1	30.6	34	0	8
	MIDDLE EGYPT — CAIRO							
141	ALMÂZA	1014.2	WNW	3	30.1	36	1	8
	EZBEKÎYA	1013.6	NNE	3	30.7	34	0	9
	GÎZA	1013.1	NNW	2	30.6	33	0	7
143	HELWÂN	1013.6	N	4	29.9	26	0	7
144	SUEZ							
	UPPER EGYPT							
153	FAIYÛM	1013.8	NNW	3	31.3	26	0	6
154	MINYA	1014.4	N	4	30.5	36	0	7
155	ASYÛT	1012.6	N	3	31.0	32	0	8
156	QENA	1010.4	WNW	3	35.8	17	0	9
157	LUXOR	1010.4	WNW	4	34.4	37	0	8
158	ASWÂN	1009.4	N	4	35.3	16	0	8
	WESTERN DESERT							
148	SÎWA	1016.2	—	0	34.2	38	0	6
149	BAHARÎYA	1014.2	N	3	31.0	25	0	9
151	KHÂRGA	1011.2	N	5	34.3	36	0	9
152	DÂKHLA	1013.6	NNW	4	32.8	12	0	8
	RED SEA							
145	TÛR							
146	HURGHÂDA							
147	QUSEIR	1011.2	NNE	3	28.8	65	0	6
169	PORT SUDAN							
	NORTH SUDAN							
165	WÂDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTÛM							
170	KASSALA							
	CENTRAL SUDAN							
171	WAD MEDANI							
173	DUEIM							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
	S. SUDAN							
176	MALAKÂL							
177	WÂU							
178	JUBA							
179	Geneina							
180	Gallabat							

At 8 h. on Sunday 23rd — الساعة ٨ يوم الأحد ٢٣

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																		
130	SALÛM	1017.2	+3.1	N	2	21.7	30	—	17	—	69	—	0	5	—	0	0	105	—
131	MATRÛH	1016.3	+2.6	WNW	3	21.2	23	-3	17	+1	78	+5	0	6	—	0	0	182	158
150	DIKHEILA	—	—	WNW	2	23.6	24	—	19	—	64	—	0	8	—	0	0	—	—
132	ALEXANDRIA	1016.6	+3.0	WSW	1	22.8	25	-2	20	+2	73	+2	0	8	—	0	0	167	190
159	DAMIETTA	1014.7	—	NW	1	25.0	29	—	19	—	62	—	6	8	—	1	0	75	115
134	PORT SAÏD	1015.1	+3.1	NW	3	23.5	27	0	20	+1	73	+5	1	7	Cu	1	0	38	80
135	EL 'ARÎSH	1014.7	—	—	0	25.0	24	—	15	—	61	—	0	7	—	0	0	—	—
	LOWER EGYPT																		
136	DAMANHÛR	1015.6	+1.9	WSW	1	25.7	29	-2	16	+1	59	-4	0	7	—	0	0	78	110
137	MANSÛRA	1015.0	—	NE	1	23.6	31	-2	16	-1	70	+7	0	8	—	0	0	45	56
138	TANTA	1015.6	+1.7	—	0	20.5	31	-3	15	-2	64	+5	0	8	—	0	0	54	48
139	ZAGÂZÎG	1015.9	—	NNW	1	24.1	31	-2	15	-1	69	-6	0	8	Ci	1	0	20	27
	MIDDLE EGYPT — CAIRO																		
141	ALMÂZA	1015.8	—	NNE	1	22.9	31	—	16	—	74	—	2	8	Sc	2	0	—	—
	EZBEKÎYA	1015.8	+3.1	—	0	23.0	32	-1	19	+2	74	+13	2	7	Cu	0	0	18	32
	GÎZA	1015.8	+2.5	NNE	1	21.7	32	-1	16	+1	78	+15	2	6	Sc	2	0	16	30
143	HELWÂN	1015.8	+2.9	NW	1	21.0	30	-3	18	0	74	+24	0	6	—	0	0	17	35
144	SUEZ	1015.5	+3.1	NW	2	23.0	31	-2	19	0	69	+21	0	6	—	0	0	13	26
	UPPER EGYPT																		
153	FAIYÛM	1016.3	+3.3	N	2	23.5	32	-3	17	-1	58	+10	0	7	—	0	0	6	11
154	MINYA	1015.1	+3.0	NNE	2	24.0	32	-3	19	+2	57	+2	0	9	—	0	0	16	—
155	ASYÛT	1014.6	+2.6	NW	3	25.6	32	-3	20	+1	50	+10	0	8	—	0	0	dr.	5
156	QENA	1012.8	+2.3	N	1	28.0	36	-3	19	-2	40	+2	0	8	—	0	0	dr.	—
157	LUXOR	1013.0	—	ESE	1	30.0	35	—	18	—	45	—	0	8	—	0	0	dr.	—
158	ASWÂN	1011.8	+1.3	N	2	26.9	37	-3	21	-2	36	+6	0	8	—	0	0	1	—
	WESTERN DESERT																		
148	SÎWA	1016.4	+2.9	—	0	25.7	36	+2	17	+1	51	-2	0	6	—	0	0	29	7
149	BAHARÎYA	1016.7	—	NE	2	23.5	32	—	16	—	50	—	0	9	—	0	0	26	—
151	KHÂRGA	1014.3	+3.3	N	4	26.8	35	-4	22	+1	59	+20	0	9	—	0	0	0	0
152	DÂKHLA	1015.9	+4.0	—	0	26.7	33	-6	21	+2	35	+1	0	7	—	0	0	dr.	—
	RED SEA																		
145	TÛR	1012.2	+1.9	NW	4	25.2	31	0	23	+3	60	-10	0	6	—	0	0	14	14
146	HURGHÂDA	1013.4	+2.8	NNW	3	26.9	31	-2	20	-1	64	+17	0	7	—	0	0	dr.	0
147	QUSEIR	1010.8	-0.9	NNW	3	27.9	30	-2	23	-1	50	+5	0	6	—	0	0	1	7
169	PORT SUDAN	1010.4	+1.6	NW	1	34.2	38	+2	24	0	13	-29	1	—	—	0	0	42	109
	NORTH SUDAN																		
165	WÂDI HALFA	1013.6	+3.4	NNW	4	25.6	36	-4	20	-1	42	+21	0	8	—	0	—	—	—
166	KAREIMA	1010.3	+1.5	NNE	3	27.3	41	-2	25	+1	14	-3	2	8	Ac	0	0	5	3
167	'ATBARA	1006.7	-1.0	NW	2	33.0	41	-1	28	+3	21	+6	4	—	—	0	0	1	7
168	KHARTÛM	1008.4	+0.4	E	1	34.0	37	-5	23	-3	40	+11	3	7	Ci,Ac	1	dr.	27	7
170	KASSALA	1009.6	+1.4	SSE	1	27.4	40	-1	22	-3	69	+29	4	8	As	8	1	30	22
	CENTRAL SUDAN																		
171	WAD MEDANI	1006.7	-1.3	ESE	2	28.6	35	-7	22	-2	52	+21	1	—	—	0	0	69	24
173	DUEIM	—	—	NE	2	27.4	37	-4	23	0	70	+35	1	—	—	4	dr.	44	21
182	RENK																		
172	ROSEIRES	—	—	SSE	4	22.4	35	-3	22	-1	77	+25	4	—	—	2	0	31	95
174	EL OBEID	1009.7	0.6	ESE	2	27.2	39	0	25	+3	56	+10	4	8	Ac,Sc	1	0	24	31
175	EL FÂSHER	—	—	SW	1	28.0	39	+1	21	+1	12	-21	0	—	—	0	0	0	14
	S. SUDAN																		
176	MALAKÂL	—	—	NNE	2	26.0	35	0	22	-1	69	0	4	8	Cb	1	0	139	182
177	WÂU	1010.4	+0.5	NW	2	24.0	35	+1	22	+1	87	+12	3	—	—	2	1	355	339
178	JUBA																		
179	Geneina	—	—	NE	2	22.6	39	—	17	—	18	—	3	8	Sc	1	0	—	
180	Gallabat																		

Upper Wind Observations on 23-5-37 — ارصاد الرياح العليا يوم ٢٣-٥-٣٧

Height metres above M.S.L.	Salum 07h.00m Dir E.of N	Kms per hour	Matrah 07h.00m Dir E.of N	Kms per hour	Dikheila 07h.30m Dir E.of N	Kms per hour	Almaza 07h45m Dir E.of N	Kms per hour	Cairo 08h.00m Dir E.of N	Kms per hour	Helwan 08h.30m Dir E.of N	Kms per hour	Asyut 07h00m Dir E.of N	Kms per hour	Aswan 07h00m Dir E.of N	Kms per hour	Wadi Halfa 06h00m Dir E.of N	Kms per hour	Kareima 06h00m Dir E.of N	Kms per hour	Khartum 06h00m Dir E.of N	Kms per hour	Kassala 06h00m Dir E.of N	Kms per hour	El Obeid 06h00m Dir E.of N	Kms per hour	Geneina 06h00m Dir E.of N	Kms per hour	Malakal 06h00m Dir E.of N	Kms per hour
200	290	4	310	24	330	18	20	4	20	10	310	4	—	—	—	—	10	26	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	320	24	340	30	340	13	10	13	350	12	10	39	10	31	30	43	30	43	280	27	270	19	—	—	—	—	70	14
1000	340	16	340	28	350	34	0	26	10	32	10	24	0	45	50	25	10	39	40	68	290	27	110	11	70	27	—	—	50	3
1500	280	31	330	26	0	46	350	41	10	45	10	42	10	42	40	13	330	23	50	21	30	14	100	24	40	34	70	53	280	8
2000	270	44	310	37	340	49	0	54			0	69					310	24	320	5	60	27	110	19	40	35	100	37	280	10
3000							350	47									280	27	210	8	340	35	110	34	30	43				
4000																			140	14	80	40			30	27				
5000																			—	—	20	37								
6000																														

Forecast for 24 hours from noon on 23rd

Light to moderate winds northwesterly on the coast and between northwest and northeast inland.
Mainly clear.
Becoming gradually warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٣
رياح بسيطة والمعتدلة شمالية غربية على الساحل
وبين شمالية غربية وشمالية شرقية في الداخل.
السماء صحو على العموم.
ترتفع درجة الحرارة تدريجيا.

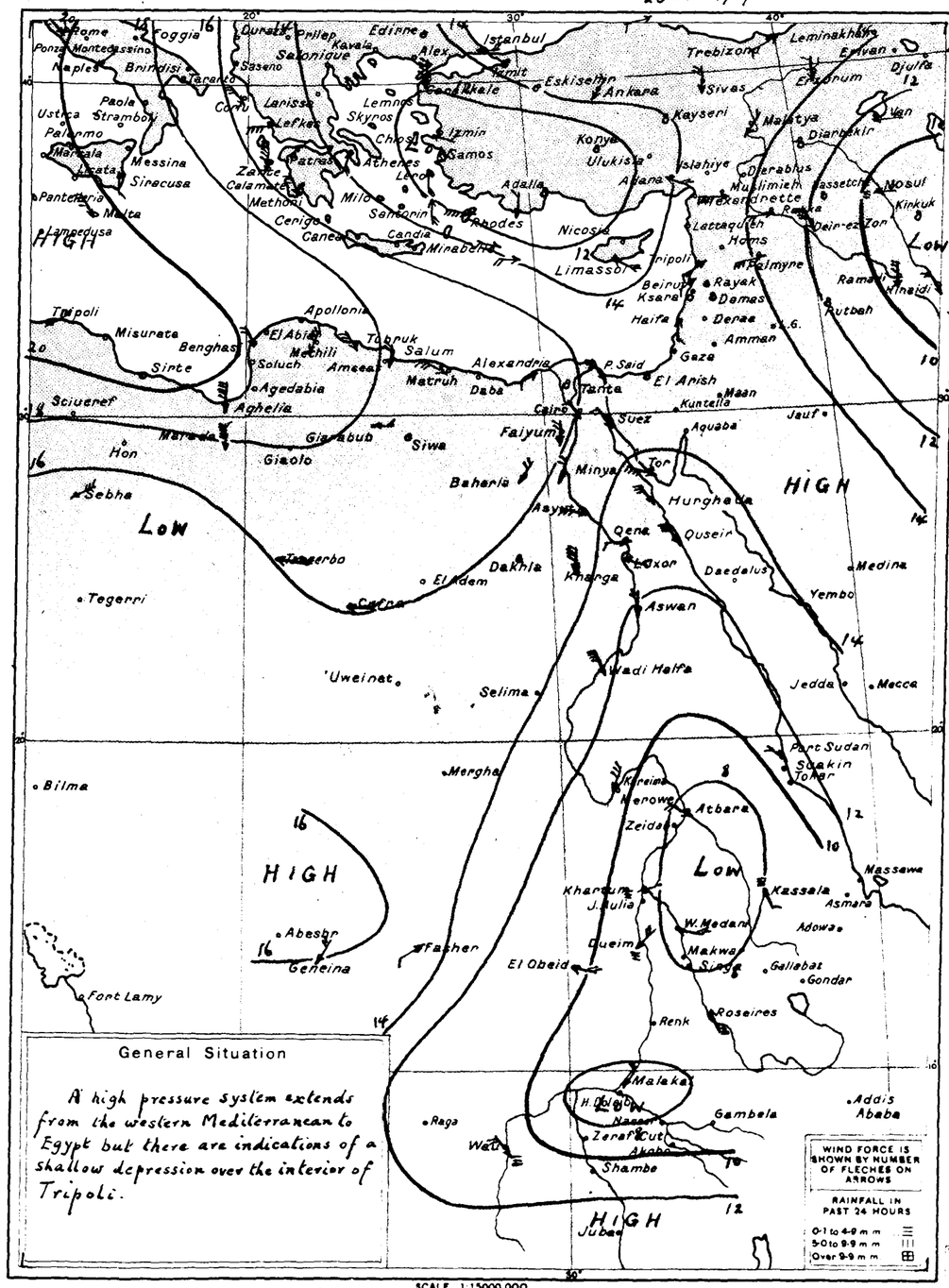
STATION	Mean of day: Humidity on 22nd	Humidity Diff from normal	Wet Bulb Temp. on 22nd	Wet Bulb Temp. Diff from normal
Alexandria	76	+5	19.1	+1.1
Ezbekiya	52	-2	19.2	-0.6
Giza	55	+3	18.7	-0.1
Helwân	55	+14	17.5	+1.5

Giza Grass minimum on 23rd 12.0 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
23-5	1018	1274
22-5	1019	1252

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	22-5	13.89	+0.32	13.80	+0.34
Nâsser	22-5	6.62	+0.17	6.42	0.00
Malakâl	23-5	10.36	+0.11	10.34	+0.12
Roseires	23-5	12.24	+0.12	12.11	+0.04
Sennâr Res.	22-5	6.78	—	7.16	—
Khartûm	22-5	10.15	-0.06	10.02	-0.16
Kh. el Girba					
'Atbara	22-5	9.78	-0.20	9.75	-0.25
Kajnarti	22-5	131.37	-0.59	131.37	-0.58
Wâdi Halfa					
Aswân Res.	23-5	113.80	—	113.97	—
D. S.	23-5	85.86	+0.02	85.86	+0.03
El Lessi	23-5	17.35	+0.45	17.32	+0.42
Rôda (Cairo)	23-5	15.82	+0.34	15.79	+0.31



General Situation

A high pressure system extends from the western Mediterranean to Egypt but there are indications of a shallow depression over the interior of Tripoli.

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 22-5-1937 — الساعة ٨ يوم ٢٢-٥-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	موسد
Limasol	1013	+1	E	3	22	—	—	—	—	—	—	0	—	—	—	0	—	—	ليماسول
Haifa	1014.0	+3.6	NSW	1	23.7	25	-3	19	+2	85	+22	0	—	—	—	0	365	644	حيفا
Gaza	1014.2	+3.0	—	0	22.8	27	0	15	-1	73	+10	2	6	—	1	0	375	375	غزة

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CAIRO

Time of sunrise h. 04 m. 57
Sunset h. 18 m. 47

MINISTRY OF PUBLIC WORKS . PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month May, 1937 — شهر مايو ١٩٣٧ — ١٩٣٧/٥/٢٤ Pressure and Wind at 8 h. 24.5.1937

1417 F.C.

		STATION	At 14h. on 23rd ٢٣ يوم الساعة ١٤							At 8h. on Monday 24th الاثنين ٢٤ يوم الساعة ٨																
			Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY	BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1017.4	NNE	4	22.8	61	0	8	1019.2	+5.1	NNE	2	19.2	25	—	15	—	85	—	3	5	cu	1	0	105	—
131		MATRÛH	1015.9	NNW	4	22.8	88	0	6	1018.0	+4.3	NNW	1	20.4	23	-3	17	+1	88	+15	3	6	Sc	2	0	182	158
150		DIKHEILA	—	NW	4	24.2	82	1	—	—	—	SW	1	22.8	26	—	18	—	76	—	6	6	—	4	0	—	—
132		ALEXANDRIA	1015.5	NW	4	26.1	67	0	8	1017.9	+4.3	—	0	20.8	27	0	19	+1	86	+15	0	8	—	0	0	167	190
159		DAMIETTA								1017.5	—	NW	1	24.5	33	—	17	—	75	—	6	8	—	1	0	75	116
134		PORT SAÏD	1014.7	NNE	3	28.0	56	0	7	1017.4	+5.4	NW	3	23.8	29	+2	19	0	75	+7	0	7	—	0	0	38	80
135		EL 'ARÎSH	1013.9	NNW	3	24.6	73	0	7	1016.7	—	—	0	25.2	26	—	14	—	53	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1017.8	+4.1	WSW	2	23.0	32	+1	16	+1	72	+10	0	6	st	2	0	78	110
137		MANSÛRA								1017.2	—	SW	1	23.0	34	+1	17	0	70	+7	0	8	—	0	0	45	57
138		TANTA	1013.9	NW	1	32.5	43	0	7	1017.6	+3.8	—	0	24.0	34	0	15	-2	75	+16	0	7	—	0	0	54	48
139		ZAGÂZÎG	1014.2	SW	1	32.3	37	0	8	1017.9	—	NNW	1	21.4	33	0	16	0	87	+24	0	8	Ci	1	0	20	28
141	MIDDLE EGYPT	CAIRO ALMÂZA	1014.7	NNW	2	32.3	33	0	8	1016.8	—	NNE	2	23.3	33	—	15	—	65	—	0	8	—	0	0	—	—
		CAIRO EZBEKÎYA	1013.9	NW	2	32.0	38	0	8	1016.7	+4.1	—	0	25.0	34	+1	18	+1	63	+2	0	6	—	0	0	18	32
		CAIRO GÎZA	1013.1	NNE	1	32.7	35	0	7	1016.6	+3.3	NNW	1	23.0	33	0	15	0	74	+13	0	6	—	0	0	16	30
143		HELWÂN	1013.3	NNW	4	31.2	26	6	6	1016.7	+3.8	—	0	23.5	33	0	18	0	50	-1	0	5	—	0	0	17	35
144		SUEZ								1016.6	+4.2	N	2	23.0	32	-1	19	0	94	+26	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1013.5	NNW	3	33.4	21	0	8	1017.2	+4.3	N	1	25.1	35	0	17	-1	51	+2	0	7	—	0	0	6	11
154		MINYA	1013.5	NNW	4	23.5	27	0	7	1016.6	+4.6	N	1	26.5	34	-1	20	+3	46	-9	0	8	—	0	0	16	—
155		ASYÛT	1011.9	NNW	3	33.0	30	0	8	1014.8	+2.9	WNW	3	27.2	34	-2	20	+1	42	+2	0	8	—	0	0	dr	5
156		QENA	1009.9	NNW	3	36.5	20	0	9	1013.0	+2.6	WSW	1	29.5	37	-2	22	+1	35	-3	0	8	—	0	0	dr	—
157		LUXOR	1009.9	NNW	2	36.0	37	0	8	1013.4	—	WSW	2	29.0	38	—	18	—	44	—	0	8	—	0	0	dr	—
158		ASWÂN	1008.3	N	3	36.3	16	0	8	1011.8	+1.3	N	2	29.7	38	-2	23	0	27	-3	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1016.2	—	0	35.4	52	0	6	1017.0	+3.6	—	0	26.2	38	+4	19	+2	56	+3	0	6	—	0	0	29	7
149		BAHARÎYA	1014.3	NE	2	32.8	24	0	9	1016.8	—	E	2	27.0	35	—	18	—	35	—	0	9	—	0	0	26	—
151		KHÂRGA	1011.2	N	2	34.8	42	0	9	1014.3	+3.4	N	5	28.4	36	-3	23	+1	54	+15	0	9	—	0	0	0	0
152		DÂKHLA	1013.0	NNE	6	34.6	12	0	8	1016.0	+4.1	—	0	28.5	36	-3	23	+3	31	-3	0	7	—	0	0	dr	—
145	RED SEA	TÛR								1013.9	+3.7	NW	3	25.8	32	+1	21	+1	63	-8	0	6	—	0	0	14	14
146		HURGHÂDA								1014.2	+3.7	NNW	3	27.5	30	-3	20	-1	60	+13	0	7	—	0	0	dr	0
147		QUSEIR	1011.2	NE	3	28.1	68	0	6	1012.4	+1.0	N	3	28.4	31	-1	23	-1	55	+10	0	6	—	0	0	1	7
169		PORT SUDAN								1010.4	+1.7	N	7	32.6	41	+5	23	-1	28	-13	1	—	—	0	0	42	109
165	NORTH SUDAN	WÂDI HALFA								1012.8	+2.7	N	2	25.8	36	-4	21	0	24	+3	0	8	—	0	—	—	—
166		KAREIMA								1008.8	+0.1	N	2	33.1	41	-2	25	+1	12	-5	0	8	Ac	0	0	5	3
167		'ATBARA								1007.8	+0.1	SE	2	34.0	40	-2	27	+2	22	+7	0	—	—	0	0	1	7
168		KHARTÛM								1009.6	+1.6	SW	3	31.0	39	-3	25	-1	32	+3	2	8	Cu,Ac	1	0	27	7
170		KASSALA								1008.3	+0.1	SW	2	31.5	38	-3	25	0	48	+8	0	8	Ac	0	0	30	22
171	CENTRAL SUDAN	WAD MEDANI								1008.7	+0.6	WSW	3	30.9	39	-3	25	+1	44	+13	1	—	—	0	0	89	24
173		DUEIM								1009.8	+1.0	SW	3	30.2	39	-2	26	+3	47	+12	1	—	—	0	0	44	22
182		RENK																									
172		ROSEIRES								1010.3	+0.7	SSE	2	29.3	38	0	21	-2	84	+32	2	—	—	—	dr	31	97
174		EL OBEID								1009.7	0.0	NW	2	31.0	38	-1	25	+3	48	+1	2	8	Ac	0	dr	24	31
175		EL FÂSHER								—	—	NW	1	25.0	40	+2	22	+2	19	-15	0	—	—	0	0	0	14
176	S. SUDAN	MALAKÂL								—	—	E	1	25.7	35	0	21	-2	69	0	4	8	Sc	1	0	139	185
177		WÂU								1010.6	+0.7	SW	2	25.0	34	0	23	+2	84	+9	3	—	—	1	0	355	344
178		JÛBA																									
179		Geneina								—	—	SE	2	26.0	39	—	21	—	19	—	4	8	Sc	2	0	—	—
180		Gallabat																									

Upper Wind Observations on 24.5.1937 — ١٩٣٧/٥/٢٤ يوم ارصاد الرياح العليا

Height metres above M.S.L.	Salum 07h.00m. Dir. E of N.	Kms per hour	Matruh 07h.00m. Dir. E of N.	Kms per hour	Dikheila 07h.15m. Dir. E of N.	Kms per hour	Almaza 07h.15m. Dir. E of N.	Kms per hour	Cairo 08h.00m. Dir. E of N.	Kms per hour	Helwan 08h.45m. Dir. E of N.	Kms per hour	Asyut 07h00m. Dir. E of N.	Kms per hour	Aswan 07h.00m. Dir. E of N.	Kms per hour	Wadi Halfa 06h00m. Dir. E of N.	Kms per hour	Kareima 05h00m. Dir. E of N.	Kms per hour	Khartum 05h00m. Dir. E of N.	Kms per hour	Kassala 07h00m. Dir. E of N.	Kms per hour	El Obeid 06h00m. Dir. E of N.	Kms per hour	Malakal 06h00m. Dir. E of N.	Kms per hour	Geneina 07h00m. Dir. E of N.	Kms per hour
200	0	5	340	10	270	11	30	7	70	9	300	12	—	—	—	—	10	21	—	—	—	—	—	—	—	—	—	—	—	—
500	30	17	0	6	40	13	70	17	30	21	50	15	20	42	50	26	30	34	30	40	330	16	0	5	—	—	190	10	—	—
1000	230	16	270	18	0	36	10	27	10	23	20	13	20	43	40	43	50	34	30	43	20	18	160	6	310	18	170	13	—	—
1500	Entered Cu		Entered Sc		0	52	340	24	350	35	0	28	30	45	60	24	40	21	10	23	30	29	50	2	90	3	230	16	70	53
2000					310	50	330	39			330	40			80	8			70	14	50	5	50	11			140	10	100	43
3000																			130	21	130	5	100	21			90	14	130	40
4000																					50	19								
5000																														
6000																														

Forecast for 24 hours from noon on 24th

Moderate winds between northwest and northeast.
Mainly clear.
Temperature slightly above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٢٤
رياح معتدلة ما بين الشمالية الغربية والشمالية الشرقية - السماء صحو فى الغالب.
ودرجة الحرارة فوق المعدل بقليل.

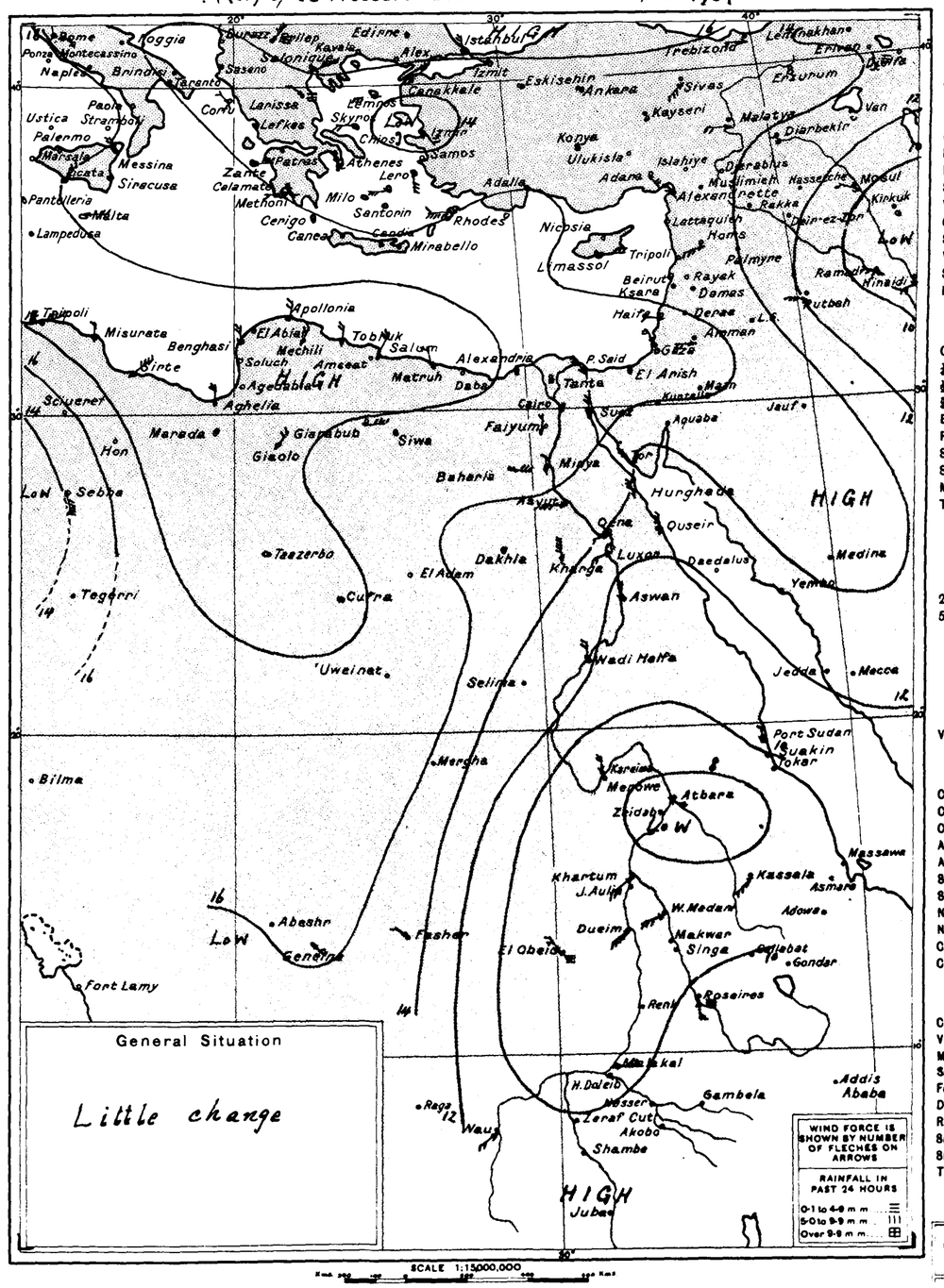
STATION	Mean of day HUMIDITY % 23rd	Diff. from normal	WET BULB TEMP. °C 23rd	Diff. from normal	Previous day HUMIDITY %	Diff. from normal	WET BULB TEMP. °C	Diff. from normal
Alexandria	76	+5	20.2	+2.1				
Ezbekiya	56	+2	20.6	+0.7				
Giza	58	+6	20.0	+1.1				
Helwân	48	+9	18.4	+2.3				

Giza Grass minimum on 24th 11.5 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
24.5	1019	1271
23.5	1018	1274

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23.5	13.68	+0.10	13.89	+0.32
Nâsser	23.5	6.78	+0.30	6.62	+0.17
Malakâl	24.5	10.39	+0.11	10.36	+0.11
Roseires	24.5	12.72	+0.56	12.24	+0.12
Sennâr Res.	23.5	6.41	—	6.78	—
Khartûm	23.5	10.26	0.00	10.15	-0.06
Kh. el Girba					
'Atbara	24.5	9.78	-0.18	9.78	-0.19
Kajnarti	24.5	131.43	-0.53	131.39	-0.57
Wâdi Halfa					
Aswân Res.	24.5	113.63	—	113.80	—
.. D. S.	24.5	85.86	0.00	85.86	+0.02
El Leisi	24.5	17.35	+0.45	17.35	+0.45
Rôda (Cairo)	24.5	15.32	+0.34	15.32	+0.34



STATION	At 8h on 23.5.1937 — ١٩٣٧/٥/٢٤ يوم الساعة ٨	BAR. PRESSURE Reduced to M.S.L. m.b	Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM To day °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.	مرصد
Larnesol		1013	+1	SE	2	23	—	—	—	—	—	—	0	—	—	—	—	—	—	ليرنسول
Haifa		1014.4	+4.0	SSE	1	24.7	28	0	18	+1	74	+11	0	—	—	—	0	361	644	حيفا
Gaza		1014.3	+3.1	—	0	24.6	27	0	16	0	69	+6	0	9	—	0	0	395	375	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION

Inland Post	P.T 100
Abroad	P.T 150

Printed by the Survey of Egypt 1936 (36/530)

CAIRO

Time of sunrise h. m. 04 56
sunset h. m. 18 47

Month May 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 24th الساعة ١٤ يوم ٢٤ — At 8h. on Tuesday 25th الساعة ٨ يوم الثلاثاء ٢٥

No.	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
MEDITERRANEAN																										
130	SALÛM	1019.6	NNE	2	21.4	79	0	7	1020.3	+6.3	E	2	20.1	22	—	18	—	89	—	3	5	Sc	2	0	105	—
131	MATRÛH	1018.6	NNE	2	22.9	75	0	6	1018.7	+5.0	ENE	1	21.7	23	-3	17	0	81	+8	3	6	Sc	2	0	182	158
150	DIKHEILA														—		—		—							
132	ALEXANDRIA	1018.4	N	3	24.9	68	0	8	1018.6	+5.0	NE	1	22.1	26	-1	19	+1	74	+3	0	8	—	0	0	167	190
159	DAMIETTA								1018.4	—	NNE	1	24.3	29	—	18	—	65	—	c	8	Ci	1	0	75	116
134	PORT SAÏD	1017.5	NNW	4	26.4	64	0	7	1018.6	+6.6	NNE	3	22.3	27	0	18	-1	68	0	1	7	Cu	0	0	38	81
135	EL 'ARÎSH	1016.7	NNW	3	24.2	76	0	7	1017.8	—	—	0	24.7	25	—	15	—	63	—	0	7	—	1	0	—	—
LOWER EGYPT																										
136	DAMANHÛR								1018.4	+4.8	NNE	3	23.7	30	-1	17	+1	67	+5	0	7	Cu	2	0	78	110
137	MANSÛRA								1018.3	—	NNE	2	22.2	33	0	17	0	69	+6	0	8	Ci	1	0	45	57
138	TANTA	1017.1	NNW	4	32.0	38	0	7	1018.2	+4.4	NNE	1	23.0	32	-2	14	-3	74	+15	0	7	—	0	0	54	48
139	ZAGÂZÎG	1016.7	NNE	1	32.6	21	0	8	1018.7	—	NNW	1	21.8	33	0	15	-1	70	+7	0	8	Ci	1	0	20	28
MIDDLE EGYPT																										
141	CAIRO ALMÂZA	1016.2	N	3	32.6	31	0	8	1018.0	—	NNE	3	20.7	34	—	14	—	67	—	1	8	Cs	1	0	—	—
	CAIRO EZBEKÎYA	1015.9	N	3	33.9	21	0	8	1017.6	+5.0	NNE	3	21.9	35	+2	16	-1	68	+6	0	7	St	0	0	18	33
	CAIRO GÎZA	1015.5	NNW	2	33.1	21	0	7	1018.0	+4.8	NE	2	20.5	34	+1	15	0	74	+13	1	6	Ci	0	0	16	30
143	HELWÂN	1015.5	NNE	3	33.0	10	0	7	1019.9	+7.0	NNE	5	22.0	34	+1	16	-2	44	-7	1	6	Ci	0	0	17	35
144	SUEZ								1017.2	+4.8	NNW	4	21.5	34	+1	18	-1	94	+26	0	6	Ci	0	0	13	26
UPPER EGYPT																										
153	FAIYÛM	1015.9	N	4	34.5	13	0	8	1017.5	+4.6	N	4	22.0	35	0	16	-2	64	+15	1	8	Ci	0	0	6	11
154	MINYA	1014.8	N	5	34.7	18	0	6	1016.3	+4.4	N	3	22.6	35	0	19	+2	48	-7	2	8	Cu	1	0	16	—
155	ASYÛT	1013.4	NNW	4	34.0	14	0	8	1015.0	+3.1	WNW	3	24.0	36	0	19	-1	39	-1	2	7	Sc	0	0	dr	5
156	QENA	1011.4	WSW	1	37.7	17	0	9	1012.8	+2.5	WNW	1	28.7	38	-1	21	0	32	-6	2	7	Cu	1	0	dr	—
157	LUXOR	1011.0	NNE	3	38.5	33	0	8	1012.8	—	E	1	29.9	40	—	18	—	42	—	1	8	Cu	1	0	dr	—
158	ASWÂN	1009.0	NW	4	38.0	16	0	8	1011.4	+1.0	N	2	29.5	40	0	23	0	22	-8	2	8	Cu	1	0	1	—
WESTERN DESERT																										
148	SÎWA	1015.5	—	0	38.1	40	0	6	1017.4	+4.0	—	0	25.9	39	+5	18	+1	55	+2	0	6	—	0	0	29	7
149	BAHARÎYA	1014.7	NNE	2	36.0	20	0	9	1017.0	—	NNE	2	25.7	36	—	19	—	39	—	0	9	—	0	0	26	—
151	KHÂRGA	1012.6	NE	3	36.4	39	0	9	1013.9	+3.1	N	5	28.0	37	-2	25	+3	57	+18	3	9	Ci	1	0	0	0
152	DÂKHLA	1014.6	NNE	6	36.9	10	0	6	1015.6	+3.8	NNE	4	29.9	37	-2	25	+5	36	+2	0	6	—	0	0	dr	—
RED SEA																										
145	TÔR								1013.9	+3.8	NW	5	24.1	34	+2	21	0	75	+4	0	5	—	0	0	14	14
146	HURGHÂDA								1013.4	+3.0	NNW	4	26.7	31	-2	23	+2	61	+14	2	5	Cu	1	0	dr	0
147	QUSEIR	1013.0	NNW	4	31.7	42	0	6	1012.3	+0.8	N	3	28.6	32	0	24	0	51	+6	0	5	Ci	0	0	1	7
169	PORT SUDAN																									
NORTH SUDAN																										
165	WÂDI HALFA								1012.3	+2.2	N	2	27.9	39	-1	24	+3	22	+1	4	7	Ci,Ac	1	—	—	—
166	KAREIMA								1007.9	-0.8	NE	3	33.8	43	0	30	+5	13	-4	3	8	Ac	1	0	5	3
167	'ATBARA								1006.7	-1.0	S	2	35.0	43	+1	30	+5	37	+22	0	—	—	0	0	1	7
168	KHARTÛM								1010.1	+2.1	SSE	6	29.2	41	-1	27	+1	55	+25	7	3	Ci,Ac	8	dr	27	7
170	KASSALA								1010.3	+2.0	S	4	27.3	40	-1	24	-1	69	+29	1	8	Ci	0	0	30	23
CENTRAL SUDAN																										
171	WAD MEDANI								1009.6	+1.5	SSW	2	29.7	39	-2	24	0	44	+12	2	—	—	0	dr	89	24
173	DUEIM								—	—	E	4	29.2	40	-1	25	+2	51	+15	1	—	—	1	0	44	22
182	RENK														—				—							
172	ROSEIRES								1010.8	+1.1	WNW	2	26.4	37	-1	24	+1	61	+8	3	—	—	1	dr	31	99
174	EL OBEID								1010.8	+1.1	SSW	2	27.0	39	0	25	+3	69	+22	3	8	Ac	1	11	35	31
175	EL FÂSHER								—	—	NW	2	28.0	40	+2	24	+4	51	+17	0	—	—	0	0	0	14
S. SUDAN																										
176	MALAKÂL								—	—	SSW	1	27.0	36	+1	24	+2	69	0	4	8	St	1	dr	139	187
177	WÂU								1010.3	+0.3	NW	1	30.6	36	+2	24	+3	53	-22	2	—	—	0	0	355	349
178	JÛBA								1013.1	+1.1	SSW	3	24.3	33	0	22	+1	91	+10	4	8	Cu,St	9	8	526	379
179	Geneina								—	—	E	2	24.4	38	—	23	—	26	—	3	8	Fn	0	0	—	—
180	Gallabat																									

Upper Wind Observations on 25.5.1937

ارصاد الرياح العليا يوم ١٩٣٧/٥/٢٥

Height metres above M.S.L.	Salum 07h00m Dir. E.of N.	Salum Kms per hour	Matruh 07h00m Dir.	Matruh Kms	Almaza 07h30m Dir.	Almaza Kms	Cairo 08h00m Dir.	Cairo Kms	Helwan 08h30m Dir.	Helwan Kms	Asyut 07h00m Dir.	Asyut Kms	Aswan 07h00m Dir.	Aswan Kms	Wadi Halfa 06h00m Dir.	Wadi Halfa Kms	Kareima 05h00m Dir.	Kareima Kms	Khartûm 05h00m Dir.	Khartûm Kms	Kassala 06h00m Dir.	Kassala Kms	El Obeid 06h00m Dir.	El Obeid Kms	Malakal 06h00m Dir.	Malakal Kms	Juba 06h00m Dir.	Juba Kms	Geneina 06h00m Dir.	Geneina Kms
200	90	7	60	12	40	19	30	21	30	16	—	—	—	—	20	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	60	18	30	28	20	38	30	25	20	27	30	26	40	43	70	53	190	27	190	18	—	—	300	6	280	18	—	—
1000	entered St.		330	23	10	31	20	33	30	36	10	68	60	36	50	40	70	31	210	24	200	35	240	13	140	11	270	24	—	—
1500			entered Sc		0	43	20	39	20	40	20	51	40	16	50	24	80	37	230	11	150	11	350	11	140	16	240	14	90	35
2000					350	45	0	51	10	43			200	13	80	24	80	18			60	18	40	16	120	11	190	19	90	40
3000					340	22											140	27					50	24	110	14	210	27	100	51
4000																							130	21						
5000																														
6000																														

Forecast for 24 hours from noon on 25th

Northeast winds, moderate on the coast, fresh inland, veering later to east.
Clear or occasional high cloud.
Temperature about normal.
Further outlook: becoming warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٢٥
رياح شمالية شرقية معتدلة على السواحل وشديدة نوعا فى الداخل ثم تتحول فيما بعد الى شرقية. السماء صحو او ظهور بعض السحاب العالى احيانا - درجة الحرارة حوالى المعدل - وفيما بعد سيميل الطقس الى الدفء

STATION	Mean of day Humidity % on 24th	Diff. from normal	Wet Bulb Temp. °C on 24th	Diff. from normal
Alexandria	84	+13	19.7	+1.5
Ezbekiya	52	-2	19.3	-0.7
Gîza	57	+5	18.9	0.0
Helwân	37	-2	16.8	+0.7

Gîza Grass minimum on 25th 11.6 °C

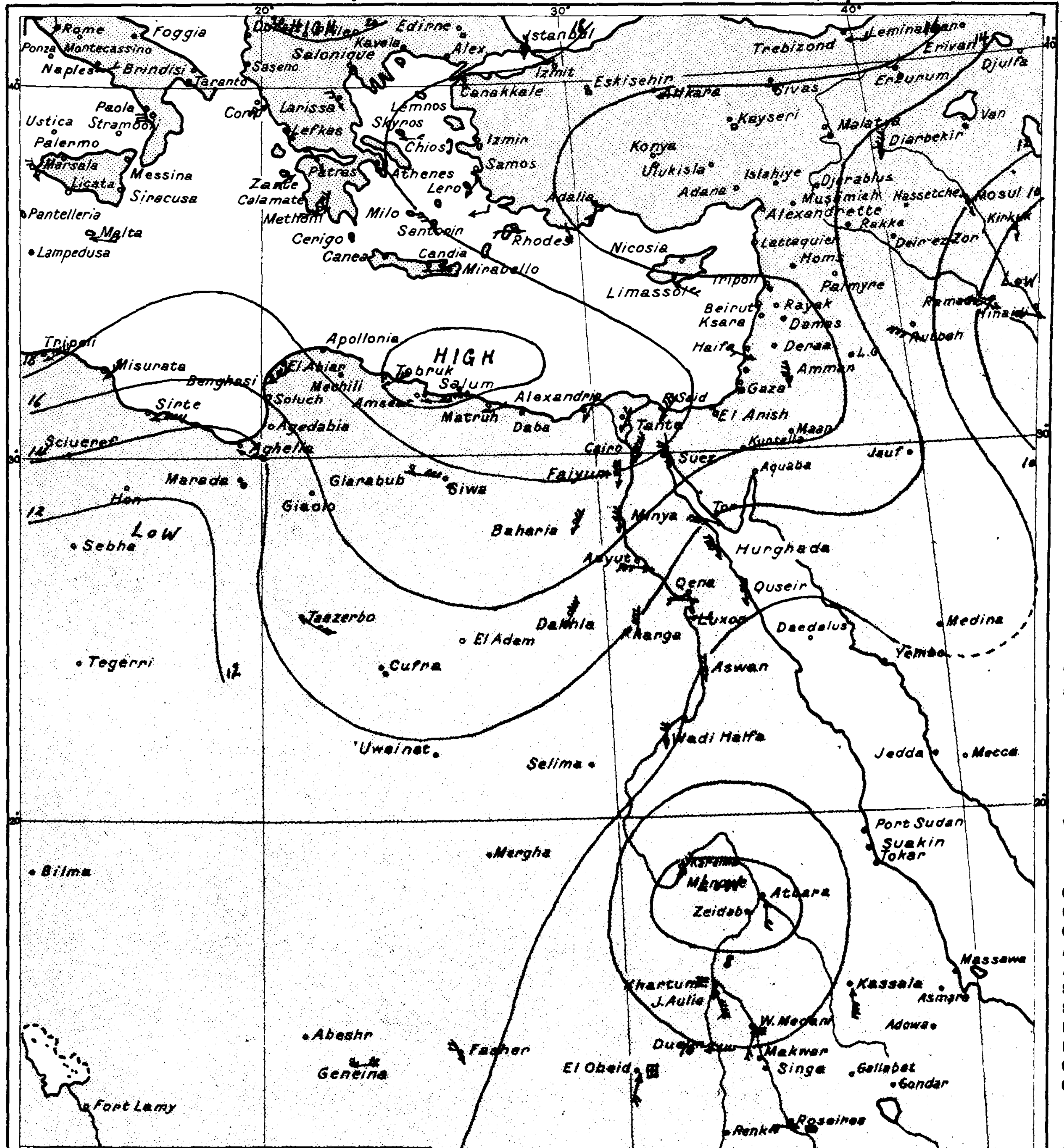
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
25.5	1018	1274
24.5	1019	1271

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24.5	13.62	+0.05	13.68	+0.10
Nâsser	23.5	6.78	+0.30	6.62	+0.17
Malakâl	24.5	10.39	+0.11	10.36	+0.11
Roseires	25.5	12.95	+0.75	12.72	+0.56
Sennâr Res.	24.5	6.72	—	6.71	—
Khartûm	24.5	10.34	+0.07	10.26	0.00
Kh. el Girba					
'Atbara	25.5	9.78	-0.19	9.78	-0.18
Kajnarti	25.5	131.50	-0.46	131.43	-0.53
Wâdi Halfa					
Aswân Res.	25.5	113.44	—	113.63	—
D.S.	25.5	85.86	-0.02	85.86	0.00
El Leisi	25.5	17.35	+0.44	17.35	+0.45
Rôda (Cairo)	25.5	15.79	+0.32	15.33	+0.34

Printed by the Survey of Egypt 1936. (36/530)

Pressure and Wind at 8h. 25.5.1937 ١٩٣٧-٥-٢٥



General Situation

High pressure is maintained off the Mediterranean coast of Egypt. A depression centred over the interior of Libya is moving eastwards.

At 8h. on 24.5.1937 الساعة ٨ يوم ١٩٣٧/٥/٢٤

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1016	+4	E	3	22	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1016.6	+6.3	WNW	1	24.6	26	-2	18	0	88	+25	0	—	—	—	0	365	644	حيفا
Gaza	1016.4	+5.3	—	0	23.1	28	+1	15	-1	71	+7	0	9	—	0	0	395	375	غزة

WIND VELOCITY

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

PRESENT WEATHER

- Clear 0
- ¼ Clouded 1
- ½ Clouded 2
- ¾ Clouded 3
- Entirely clouded 4
- Raining 5
- Sand haze 6
- Sand storm 7
- Mist or Fog 8
- Thunderstorm 9

VISIBILITY

Objects not visible at

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

CLOUD FORM

- Cirrus Ci
- Cirro-cumulus Cc
- Cirro-stratus Cs
- Alto-stratus As
- Alto-cumulus Ac
- Strato-cumulus Sc
- Stratus St
- Nimbus Nb
- Nimbo-stratus Ns
- Cumulus Cu
- Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. 4 m. 56
" sunset 18 48

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

No.	STATION	At 14h. on 25th (الساعة ١٤ يوم ٢٥) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Wednesday 26th (الساعة ٨ يوم الأربعاء ٢٦) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1020.0	NNE	2	22.3	81	0	6	1017.0	+3.0	S	1	25.8	23	—	19	—	35	—	0	6	Ns	0	0	105	—
131	MATRÛH	1018.7	NE	2	22.9	76	0	6	1016.8	+3.2	SSE	2	22.4	23	-3	17	0	62	-11	0	6	—	0	0	182	158
150	DIKHEILA	—	—	—	23.0	17	0	—	—	—	ESE	1	23.0	23	—	19	—	71	—	0	7	—	0	0	—	—
132	ALEXANDRIA	1018.3	ENE	4	25.2	64	0	9	1018.6	+5.1	—	0	22.0	27	0	19	0	64	-7	0	8	—	0	0	167	190
159	DAMIETTA								1017.4	—	NNW	1	25.5	28	—	17	—	65	—	0	8	Ac	1	0	75	116
134	PORT SAÏD	1018.0	NNE	4	25.4	63	0	7	1017.9	+6.0	NE	3	22.5	26	-1	19	-1	74	+6	1	7	Cu	1	0	38	81
135	EL ʿARÎSH	1016.7	NNE	2	28.5	73	0	7	1016.8	—	—	0	25.0	25	—	16	—	62	—	0	7	—	1	0	—	—
136	LOWER EGYPT: DAMANHÛR								1017.8	+4.2	E	2	24.0	31	0	17	+1	67	+5	0	8	—	0	0	78	110
137	MANSÛRA								1017.2	—	NNE	2	22.8	32	-1	16	-1	73	+10	1	7	Cs	1	0	45	57
138	TANTA	1016.8	NNE	7	32.0	38	0	7	1016.0	+2.3	NNE	1	24.0	33	-1	14	-3	75	+16	0	7	—	0	0	54	48
139	ZAGÂZÎG	1016.6	NNE	2	31.3	25	0	8	1017.6	—	NE	3	23.3	31	-2	16	0	70	+7	0	8	Ci	1	0	20	28
141	MIDDLE EGYPT: CAIRO ALMÂZA	1015.9	NNE	3	31.8	20	2	9	1017.1	—	ENE	4	22.2	33	—	14	—	64	—	0	8	—	0	0	—	—
	CAIRO EZBEKÎYA	1015.8	N	3	32.4	30	0	8	1016.6	+4.0	NNE	3	24.1	34	+1	17	-1	59	-3	0	7	—	0	0	18	33
	CAIRO GÎZA	1015.1	N	2	31.5	30	1	7	1016.6	+3.4	NNE	1	22.0	32	-2	16	0	72	+11	0	6	Cu	1	0	16	30
143	HELWÂN	1015.2	NNE	5	31.4	17	1	7	1016.0	+3.1	NE	4	22.7	33	0	16	-2	50	-1	0	6	—	0	0	17	35
144	SUEZ								1016.8	+4.5	NNW	4	22.4	32	-1	18	-1	91	+23	0	6	Ci	0	0	13	26
153	UPPER EGYPT: FAIYÛM	1015.1	N	5	33.2	16	2	8	1016.4	+3.5	N	4	22.9	34	-1	18	0	62	+13	0	7	—	0	0	6	11
154	MINYA	1013.6	N	5	33.7	17	6	4	1015.1	+3.2	NNE	3	23.5	35	0	18	+1	55	0	1	7	As	1	0	16	—
155	ASYÛT	1012.8	NNW	3	35.0	—	4	8	1014.0	+2.2	NNW	3	23.2	36	0	18	-2	36	-5	2	7	Sc	1	0	dr.	5
156	QENA	1010.8	NNW	1	37.0	19	4	8	1012.0	+1.8	W	1	29.0	38	-1	21	0	29	-9	3	7	Cu	1	0	dr.	—
157	LUXOR	1010.6	NNW	1	39.1	30	3	8	1011.8	—	SW	1	26.9	40	—	19	—	52	—	3	8	Cu	2	0	dr.	—
158	ASWÂN	1008.7	NNW	3	39.0	15	2	8	1009.8	-0.6	N	1	31.4	40	0	26	+3	21	-9	3	8	Cu	1	0	1	—
148	WESTERN DESERT: SÎWA	1016.6	—	0	36.5	34	0	6	1018.0	+4.7	—	0	25.3	38	+4	15	-2	52	-1	0	6	—	0	0	29	7
149	BAHARÎYA	1015.6	NE	4	35.7	18	0	9	1016.6	—	NE	2	23.6	36	—	28	—	50	—	0	9	—	0	0	26	—
151	KHÂRGA	1012.0	N	4	35.2	45	3	9	1012.6	+1.8	N	4	28.3	36	-3	24	+2	58	+19	3	9	Cs	2	0	0	0
152	DÂKHLA	1013.9	NNE	4	35.6	10	3	7	1014.2	+2.4	W	3	29.9	37	-2	25	+5	36	+2	4	7	Cc	1	0	dr.	—
145	RED SEA: TÔR								1012.6	+2.6	NW	4	24.0	32	0	21	0	67	-4	0	6	—	0	0	14	14
146	HURGHÂDA								1012.2	+1.8	NNW	4	27.8	31	-2	24	+2	58	+11	2	5	Cc	1	0	dr.	0
147	QUSEIR	1012.7	NW	4	29.0	60	3	6	1011.6	+0.2	NNW	3	27.9	31	-1	25	+1	55	+10	0	5	Ci	0	0	1	7
169	PORT SUDAN								1009.6	+1.1	NW	1	32.2	39	+3	24	0	47	+6	2	—	—	0	0	42	109
165	NORTH SUDAN: WÂDI HALFA								1011.1	+1.1	NNE	3	30.2	41	+1	28	+6	13	-8	4	8	As	8	—	—	—
166	KAREIMA								1007.6	-1.1	NE	3	35.3	44	+1	28	+3	12	-5	0	8	Ac	0	dr.	5	3
167	ʿATBARA								1005.9	-1.7	NE	2	35.0	—	—	—	—	28	+13	0	—	—	—	0	1	7
168	KHARTÛM								1007.9	-0.1	NNW	3	33.2	40	-2	27	+1	39	+9	2	8	Ci	0	0	27	7
170	KASSALA								1007.4	-0.9	S	1	31.1	39	-2	25	0	37	-3	1	8	Ci,Ac	0	0	30	23
171	CENTRAL SUDAN: WAD MEDANI								1007.9	-0.2	NSW	2	32.9	39	-2	25	+1	39	+7	0	—	—	0	0	89	25
173	DUEIM																									
182	RENK									—							—		—							
172	ROSEIRES								1010.4	+0.6	SSW	2	28.3	38	0	25	+2	47	-6	2	—	—	1	0	31	100
174	EL OBEID								1009.7	0.0	SSW	3	28.0	39	0	25	+3	63	+16	3	8	Ci,As	1	dr.	35	32
175	EL FÂSHER								—	—	SW	1	28.5	41	+3	24	+3	49	+14	0	—	—	0	0	0	14
176	S. SUDAN: MALAKÂL																									
177	WÂU								1009.9	-0.1	SE	2	25.5	34	0	23	+2	88	+13	1	—	—	—	1	356	353
178	JÛBA																									
179	Geneina								—	—	ENE	3	26.4	37	—	21	—	8	—	3	7	Cu,Sc	1	0	—	—
180	Gallabat																									

Upper Wind Observations on 26-5-37 (ارصاد الرياح العليا يوم ٢٦-٥-١٩٣٧)

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms per hour	Matruh 07h.00m. Dir.	Kms	Dikheila 07h.15m. Dir.	Kms	Almaza 08h.00m. Dir.	Kms	Caire 08h.00m. Dir.	Kms	Helwan 08h.30m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	Wadi Halfa 06h.00m. Dir.	Kms	Kareima 05h.00m. Dir.	Kms	Khartum 05h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Geneina 06h.00m. Dir.	Kms	Salum 25th 13h.00m. Dir.	Kms
200	210	3	110	20	70	20	70	30	60	19	60	19	—	—	—	—	0	31	—	—	—	—	—	—	—	—	—	—	20	7
500	—	—	80	18	80	23	60	35	40	43	40	24	60	36	50	17	50	13	40	37	240	18	180	21	—	—	—	—	—	—
1000	150	34	70	29	30	38	20	57	30	51	30	48	50	48	90	22	90	14	30	50	290	14	130	11	230	27	—	—	230	7
1500	160	46			10	44	10	56	20	54	30	60	30	31	230	22	90	6	110	11	90	5	110	21	100	14	70	43	240	28
2000	250	30			20	69	0	60			30	37			230	20	220	14	190	10			80	21	110	16	90	63	280	21
3000	300	23																	170	14			90	21	130	11	90	61		
4000																			140	27					140	24				
5000																									150	50				
6000																														

Forecast for 24 hours from noon on 26th

Winds, on the coast moderate easterly, becoming fresh or strong southeast to south; inland fresh northeast, veering later to southeast.
Clear at first, some high cloud later.
Warmer.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٢٦
رياح شرقية معتدلة ثم تصير جنوبية شرقية الى جنوبية وتشتد [illegible]
ورياح شمالية شرقية شديدة نوعا ثم تصير جنوبية شرقية
فيما بعد فى الداخل.
السماء صحو اولا ثم يظهر بعض السحاب العالى
ترتفع درجة الحرارة.

STATION	Mean of day: Humidity % on 25th	Diff. from normal	Wet Bulb Temp. °C on 25th	Diff. from normal
Alexandria	78	+7	19.5	+1.2
Ezbekiya	55	+1	19.2	-0.8
Gîza	59	+7	18.6	-0.4
Helwân	33	-6	16.1	-0.1

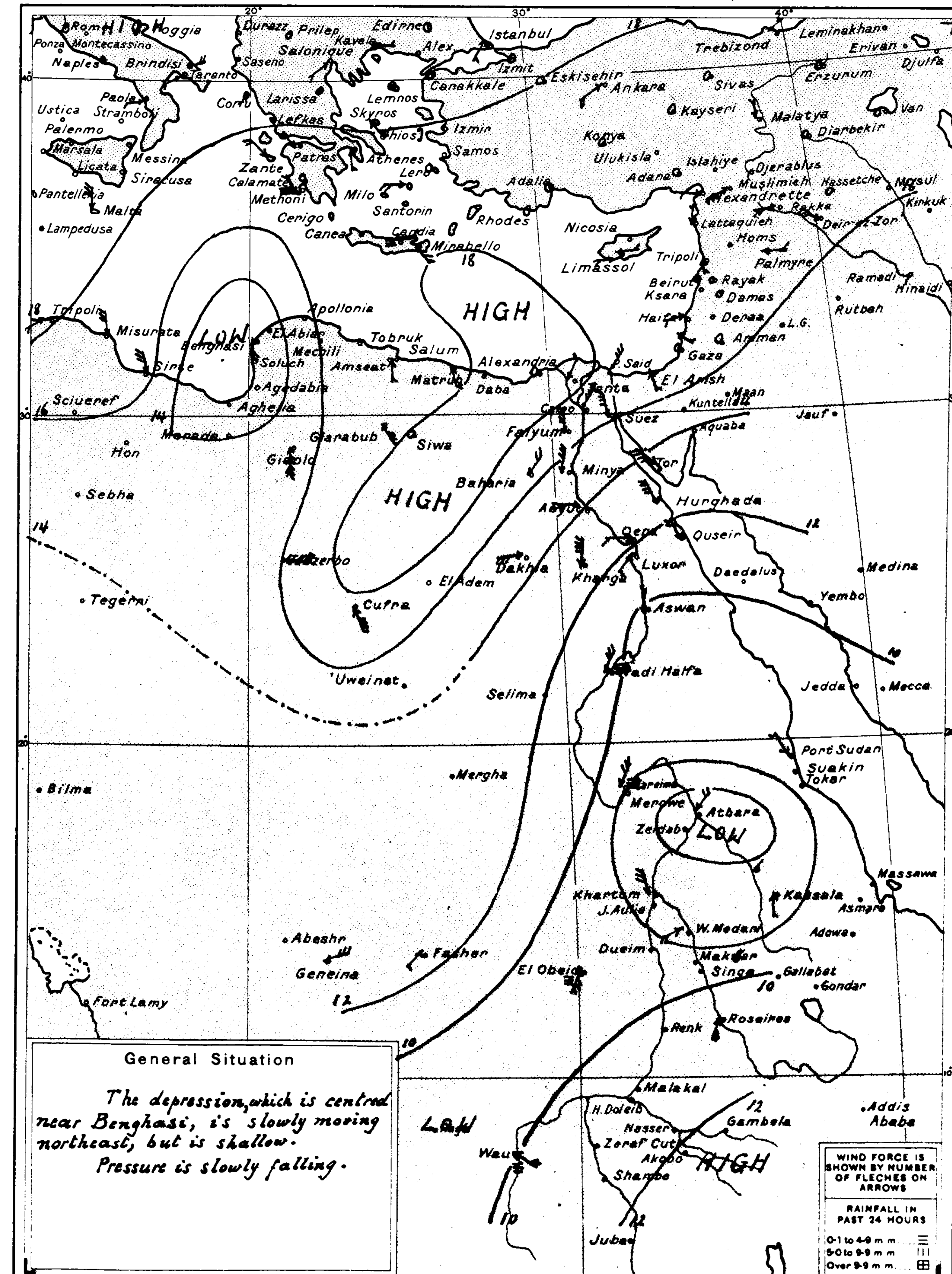
Gîza Grass minimum on 26th 11.8 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
26-5	1020	1275
25-5	1018	1274

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25-5	13.62	+0.06	13.62	+0.05
Nâsser	25-5	7.12	+0.50	6.96	+0.41
Malakâl	26-5	10.46	+0.10	10.42	+0.10
Roseires	26-5	12.22	+0.97	12.95	+0.75
Sennâr Res.	25-5	6.78	—	6.72	—
Khartûm	25-5	10.39	+0.11	10.34	+0.07
Kh. el Girba					
ʿAtbara	26-5	9.64	-0.14	9.78	-0.19
Kajnarti	26-5	131.53	-0.42	131.50	-0.46
Wâdi Halfa					
Aswân Res.	26-5	113.25	—	113.44	—
" D. S.	26-5	85.86	-0.04	85.86	-0.02
El Leisi	26-5	17.35	+0.44	17.35	+0.44
Rôda (Cairo)	26-5	15.75	+0.28	15.79	+0.32

Pressure and Wind at 8 h. 26-5-1937 (١٩٣٧-٥-٢٦)



General Situation

The depression, which is centred near Benghasi, is slowly moving northeast, but is shallow.
Pressure is slowly falling.

SCALE 1:15,000,000

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

PRESENT WEATHER
- Clear 0
- ¼ Clouded 1
- ½ Clouded 2
- ¾ Clouded 3
- Entirely clouded 4
- Raining 5
- Sand haze 6
- Sand storm 7
- Mist or Fog 8
- Thunderstorm 9

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

CLOUD FORM
- Cirrus Ci
- Cirro-cumulus Cc
- Cirro-stratus Cs
- Alto-stratus As
- Alto-cumulus Ac
- Strato-cumulus Sc
- Stratus St
- Nimbus Nb
- Nimbo-stratus Ns
- Cumulus Cu
- Cumulo-nimbus Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

STATION (مرصد)	At 8 h. on 25-5-37 (الساعة ٨ يوم ٢٥-٥-٣٧) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
Limasol (ليماسول)	1016	+4	SE	2	23	—	—	—	—	—	—	0	—	—	—	—	—	—
Haifa (حيفا)	1017.6	+7.4	NNW	1	24.3	27	-1	20	+2	70	+6	0	—	—	—	0	365	644
Geza (غزة)	1017.0	+5.9	—	0	22.6	29	+2	15	-1	78	+14	0	9	—	0	0	396	375
Wau (واو)	1010.3	+0.3	W	2	27.0	33	-1	24	+3	73	-2	1	—	—	1	0	355	349

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO

Time of sunrise h. 04 m. 55
Sunset h. 18 m. 48

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month May, 1937 — ١٩٣٧ مايو شهر — ١٩٢٧/٥/٢٧ Pressure and Wind at 8 h. 27.5.1937.

At 14 h. on 26th — الساعة ١٤ يوم ٢٦

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	SALÛM	1017.6	NE	2	23.6	76	3	8
131	MATRÛH	1017.5	ENE	3	25.4	67	2	6
150	DIKHEILA	—	NNE	4	23.8	67	0	—
132	ALEXANDRIA	1017.8	ENE	4	26.2	59	0	8
159	DAMIETTA							
134	PORT SAÏD	1017.5	NNE	4	25.2	64	0	7
135	EL 'ARÎSH	1016.3	NNW	4	23.3	81	0	7
136	DAMANHÛR							
137	MANSÛRA							
138	TANTA	1016.3	NNE	4	31.5	46	0	7
139	ZAGÂZÎG	1016.6	NW	3	31.2	32	0	8
141	CAIRO: ALMÁZA	1016.3	NNE	4	31.9	20	0	8
	CAIRO: EZBEKÎYA	1015.5	NNE	3	33.0	33	0	9
	CAIRO: GÎZA	1014.8	NNW	2	32.2	33	0	7
143	HELWÂN	1014.8	NNW	6	32.9	20	0	7
144	SUEZ							
153	FAIYÛM	1014.3	N	5	34.5	19	0	8
154	MINYA	1012.7	N	5	35.5	15	0	5
155	ASYUT	1010.8	NNW	3	37.2	—	2	8
156	QENA	1010.2	WSW	1	37.5	18	4	8
157	LUXOR	1009.8	NNW	3	39.3	30	4	8
158	ASWÂN	1007.4	NNW	2	40.0	16	3	8
148	SÎWA	1015.6	—	0	37.5	30	0	6
149	BAHARÎYA	1013.5	NNE	5	37.2	20	0	9
151	KHARGA	1010.7	N	3	36.2	48	3	9
152	DÂKHLA	1011.2	ENE	5	38.5	5	0	6
145	TÓR							
146	HURGHÂDA							
147	QUSEIR	1011.4	N	3	29.9	55	3	5
169	PORT SUDAN							
165	WÂDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTÛM							
170	KASSALA							
171	WAD MEDANI							
173	DUEIM							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	MALAKÂL							
177	WÂU							
178	JÛBA							
179	Geneina							
180	Gallabat							

At 8 h. on Thursday 27th — الساعة ٨ يوم الخميس ٢٧

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	1015.1	+1.1	NNW	1	28.0	28	—	23	—	43	—	0	5	—	3	0	105	—
131	MATRÛH	1013.4	-0.2	SSE	4	29.2	27	+1	20	+3	25	-48	0	6	—	0	0	182	158
150	DIKHEILA	—	—	SSE	3	24.0	24	—	16	—	67	—	0	8	—	0	0	—	
132	ALEXANDRIA	1014.7	+1.2	SSE	1	22.0	27	0	20	+1	76	+5	0	8	—	0	0	167	190
159	DAMIETTA	1014.6	—	NNW	1	25.8	29	—	18	—	67	—	0	7	—	0	0	75	116
134	PORT SAÏD	1015.1	+3.2	ENE	2	23.5	26	-1	18	-2	74	+6	0	7	—	0	0	38	81
135	EL 'ARÎSH	1015.0	—	SSE	1	22.8	26	—	15	—	72	—	0	7	—	0	0	—	—
136	DAMANHÛR	1015.2	+1.7	ESE	1	26.3	31	0	17	+1	54	-8	0	7	—	0	0	78	110
137	MANSÛRA	1014.4	—	W	1	24.8	31	-2	16	-1	63	0	0	8	—	0	0	45	57
138	TANTA	1014.8	+1.1	—	0	25.5	32	-2	14	-3	72	+13	0	7	—	0	0	54	48
139	ZAGÂZÎG	1015.0	—	SE	1	25.4	31	-2	16	0	65	+1	0	8	—	0	0	20	28
141	CAIRO: ALMÁZA	1014.3	—	ENE	3	27.7	33	—	15	—	32	—	0	7	—	0	0	—	—
	CAIRO: EZBEKÎYA	1013.9	+1.4	NE	1	27.4	34	+1	17	-1	40	-22	0	7	—	0	0	18	33
	CAIRO: GÎZA	1013.4	+0.3	NNW	1	24.8	33	-1	16	0	55	-6	0	6	—	0	0	16	30
143	HELWÂN	1013.3	+0.5	NNE	5	27.7	34	+1	19	+1	19	-32	0	6	—	0	0	17	35
144	SUEZ	1014.8	+2.5	N	2	25.0	34	+1	18	-2	70	+2	0	6	—	0	0	13	26
153	FAIYÛM	1014.2	+1.4	N	3	26.7	35	0	18	0	38	-11	0	8	—	0	0	6	11
154	MINYA	1013.0	+1.2	NNW	3	24.5	36	+1	18	0	46	-9	0	9	—	0	0	16	—
155	ASYUT	1012.3	+0.5	WNW	3	25.0	39	+3	17	-3	25	-16	0	8	—	0	0	dr	5
156	QENA	1010.7	+0.5	W	1	29.3	38	-1	24	+3	33	-5	2	7	Cu	1	0	dr	—
157	LUXOR	1010.4	—	WSW	1	30.9	41	—	21	—	41	—	1	8	Cu	1	0	dr	—
158	ASWÂN	1008.4	-1.9	NNE	1	29.8	40	-1	25	+2	23	-7	2	8	Cu	1	0	1	—
148	SÎWA	1015.4	+2.1	—	0	27.9	39	+5	20	+3	79	+26	0	6	—	0	0	29	7
149	BAHARÎYA	1014.6	—	ENE	2	28.8	38	—	19	—	36	—	0	9	—	0	0	26	—
151	KHARGA	1011.4	+0.7	N	4	28.8	38	-1	22	0	61	+22	0	9	—	0	0	0	0
152	DÂKHLA	1013.4	+1.6	—	0	29.9	39	0	22	+2	30	-4	0	8	—	0	0	dr	—
145	TÓR	1010.3	+0.4	NW	4	25.3	29	-3	20	-1	63	-8	3	6	Ci	0	0	14	14
146	HURGHÂDA	1010.8	+0.5	NNW	3	27.4	31	-2	22	0	56	+9	4	5	Ac	1	0	dr	0
147	QUSEIR	1010.3	-1.0	N	3	28.2	31	-1	24	0	51	+6	1	5	Ci	0	0	1	7
169	PORT SUDAN	1008.8	+0.3	NW	1	32.1	43	+7	26	+2	33	-8	0	—	—	0	0	42	169
165	WÂDI HALFA	1010.5	+0.5	NE	1	29.3	41	+1	25	+3	20	-1	4	5	Ac,As	1	—	—	—
166	KAREIMA	1006.8	-1.8	NNE	5	37.0	46	+3	32	+7	11	-6	2	7	Sc	1	dr	5	4
167	'ATBARA	1007.2	-0.4	NE	2	36.0	44	+2	30	+5	20	+5	0	—	—	0	0	1	7
168	KHARTÛM	1008.9	+0.9	SSE	3	32.8	42	0	27	+1	34	+4	2	7	As,As	2	1	28	8
170	KASSALA	1006.7	-1.6	S	1	32.0	42	+1	29	+4	38	-3	0	8	Ci	0	0	30	23
171	WAD MEDANI	1008.8	+0.7	SSW	4	29.2	41	0	22	-2	54	+21	2	—	—	0	dr	89	25
173	DUEIM	1010.3	+1.4	E	5	29.0	41	+1	25	+2	47	+10	1	—	—	2	3	47	23
182	RENK																		
172	ROSEIRES	1011.4	+1.6	W	2	26.8	41	+4	23	0	66	+12	3	—	—	1	2	33	102
174	EL OBEID	1009.2	-0.5	SSW	3	29.1	39	0	25	+3	58	+10	2	8	Ac	0	0	35	32
175	EL FÂSHER	—	—	SW	1	31.0	42	+4	25	+4	40	+4	0	—	—	0	0	0	15
176	MALAKÂL	—	—	S	2	24.9	38	+3	22	0	76	+6	4	8	Sc	6	4	143	193
177	WÂU	1009.6	-0.4	E	3	28.0	35	+1	23	+2	63	-13	1	—	—	1	0	356	358
178	JÛBA																		
179	Geneina	—	—	—	0	24.7	40	—	19	—	40	—	2	8	Ac,As	0	0	—	—
180	Gallabat																		

Upper Wind Observations on 27.5.1937. — ١٩٢٧/٥/٢٧ يوم ارصاد الرياح العليا

Height metres above M.S.L.	Salum 07h 00m Dir E of N	Kms per hour	Matruh 07h 00m Dir E of N	Kms per hour	Dikheila 07h 15m Dir E of N	Kms per hour	Almaza 07h 30m Dir E of N	Kms per hour	Cairo 07h 45m Dir E of N	Kms per hour
200	90	5	150	39	130	19	60	19	330	21
500			140	38	70	29	60	46	320	55
1000			170	24	50	34	40	47	310	54
1500			210	26	40	34	30	81	290	59
2000					20	36	20	75		
3000					0	48				
4000										
5000										
6000										

Height metres above M.S.L.	Helwan 08h 45m Dir E of N	Kms per hour	Asyut 07h 00m Dir E of N	Kms per hour	Aswan 07h 00m Dir E of N	Kms per hour	Wadi Halfa 06h 00m Dir E of N	Kms per hour	Kareima 05h 00m Dir E of N	Kms per hour
200	70	24	—	—	—	—	350	16	—	—
500	50	26	30	48	10	8	30	11	20	50
1000	40	53	50	29	160	11	90	2	30	60
1500	30	67			150	4	320	14	30	27
2000							210	13	0	31
3000							240	21	20	29
4000							220	37		
5000							220	43		
6000							220	42		

Height metres above M.S.L.	Khartum 05h 00m Dir E of N	Kms per hour	Kassala 06h 00m Dir E of N	Kms per hour	Malakal 06h 00m Dir E of N	Kms per hour	Geneina 07h 00m Dir E of N	Kms per hour	Salum 26th 13h 00m Dir E of N	Kms per hour
200	290	31	210	14	350	24	—	—	30	5
500	310	31	260	24	0	34	—	—	—	—
1000	330	37	200	13			160	19	150	43
1500	350	21	60	21			180	18	190	36
2000			70	18					220	30
3000			100	26					270	31
4000										
5000										
6000										

Forecast for 24 hours from noon on 27th

Moderate to fresh winds between northeast and southeast.
Occasional high cloud.
Moderate Khamsin conditions.
Further outlook: cooler within two days.

تغيرات الطقس المتوقع في ٢٤ ساعة من ظهر ٢٧

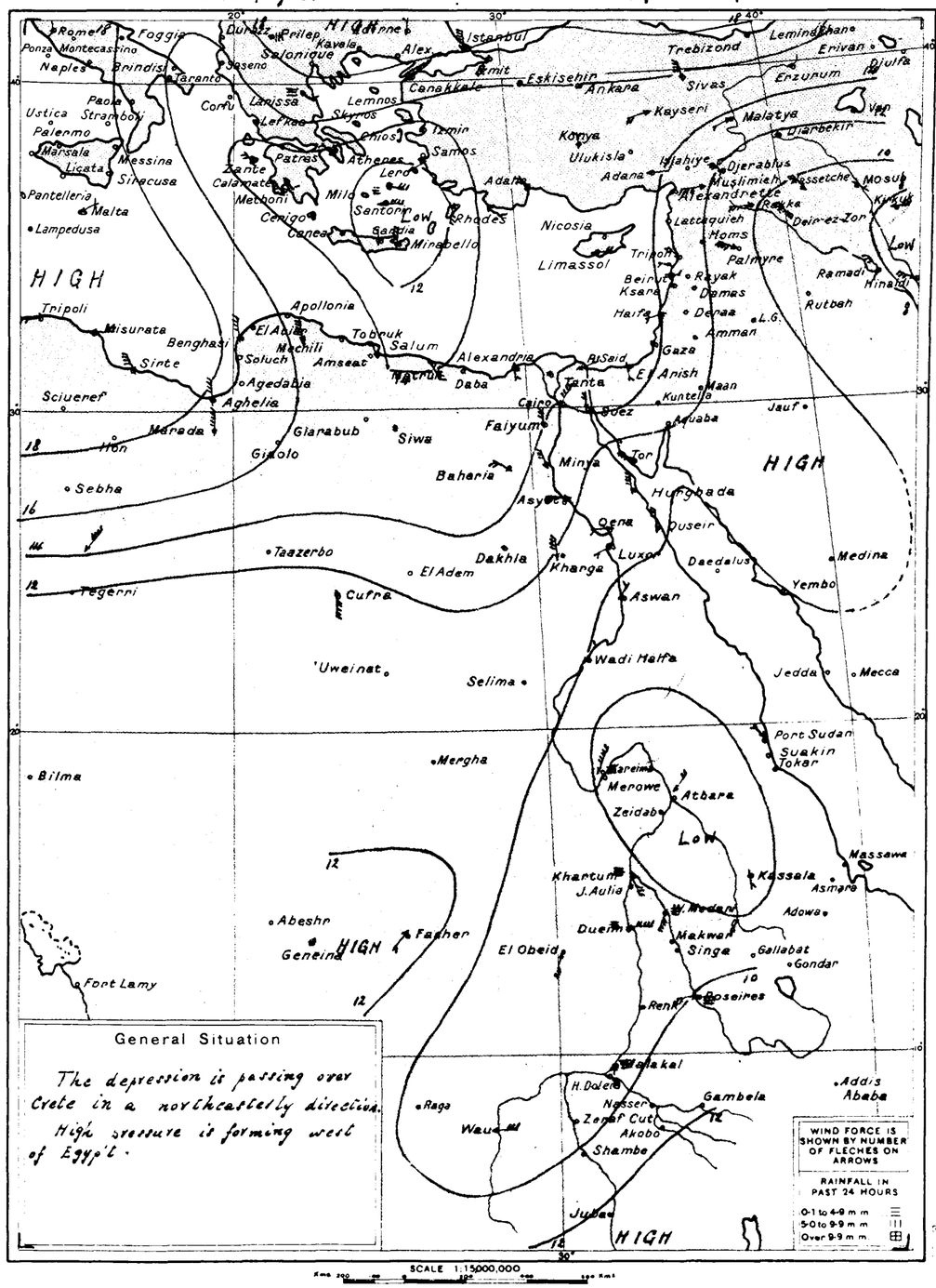
رياح بين المعتدلة والشديدة نوعا وبين شمالية شرقية وجنوبية شرقية - نظر بعض السحاب العالي احيانا - يكون الطقس خمسينيا متوسطا. وفيما بعد ستهبط درجة الحرارة قبل مرور يومين

STATION	Mean of day Humidity % on 26th	Diff. from normal	Mean of day Wet Bulb Temp. °C on 26th	Diff. from normal
Alexandria	73	+2	19.6	+1.2
Ezbekiya	50	-4	19.8	-0.3
Giza	59	+7	19.4	+0.3
Helwan	37	-2	17.1	-0.9
Giza Grass minimum on 27th			11.8	°C

Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
27.5	1018	1268
26.5	1020	1275

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jubba	26.5	13.52	-0.03	13.62	+0.06
Nasser	26.5	7.22	+0.52	7.12	+0.50
Malakâl	27.5	10.49	+0.11	10.46	+0.10
Roseires	27.5	13.27	+0.99	13.22	+0.97
Sennar Res.	24.5	6.32	—	6.28	—
Khartûm	26.5	10.43	+0.13	10.39	+0.11
Kh. el Girba	26.5	10.72	+0.30	10.60	+0.21
'Atbara	26.5	9.84	-0.14	9.78	-0.19
Kajnarti	27.5	131.51	-0.44	131.53	-0.42
Wâdi Halfa					
Aswân Res. D.S.	27.5	113.14	—	113.25	—
El Lessi	27.5	85.86	-0.06	85.86	-0.04
Roda (Cairo)	27.5	17.35	+0.44	17.35	+0.44
	27.5	15.75	+0.28	15.75	+0.28



At 8 h. on 26.5.1937. — ١٩٢٧/٥/٢٦ يوم الساعة ٨

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1016	+4	E	2	24	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1017.2	+7.0	NSW	1	24.2	26	-3	18	0	82	+18	0	—	—	—	0	365	644	حيفا
Gaza	1017.0	+6.0	—	0	22.8	28	+1	16	0	71	+7	0	9	—	0	0	395	375	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

x Khashm el Girba Gauge readings commenced for the season.

ANNUAL SUBSCRIPTION

Inland Post	P.T. 100
Abroad	P.T. 150

Printed by the Survey of Egypt 1936 (36/530)

CAIRO

Time of sunrise 04 h 55 m

sunset 18 h 49 m

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

DAILY WEATHER REPORT

Month May 1937 ١٩٣٧ شهر مايو

Pressure and Wind at 8 h. 28-5-37.

At 14h. on 27th الساعة ١٤ يوم ٢٧-٥-٣٧

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	SALŪM	1015.2	NNE	4	22.2	90	1	6
131	MATRŪH	1014.3	NNW	2	24.6	83	0	6
150	DIKHEILA	—	NNE	5	25.7	68	0	8
132	ALEXANDRIA	1014.6	NE	4	27.8	60	0	8
159	DAMIETTA							
134	PORT SAÏD	1014.8	NNE	3	27.0	63	0	7
135	EL 'ARĪSH	1014.4	NNW	2	24.8	74	0	7
136	DAMANHŪR							
137	MANSŪRA							
138	TANTA	1013.9	NE	1	35.3	42	0	6
139	ZAGĀZĪG	1013.5	NE	2	29.6	47	0	8
141	ALMĀZA (CAIRO)	1013.1	NNE	3	36.1	17	0	8
	EZBEKĪYA (CAIRO)	1012.2	NE	4	36.7	19	0	8
	GĪZA (CAIRO)	1011.6	NNE	2	36.0	21	0	7
143	HELWĀN (CAIRO)	1011.1	NNE	6	37.3	8	0	6
144	SUEZ							
153	FAIYŪM	1011.2	NE	5	39.0	13	0	6
154	MINYA	1009.6	N	5	38.2	14	0	5
155	ASYŪT	1008.6	ESE	3	40.4	20	0	8
156	QENA	1008.4	E	1	40.0	19	2	8
157	LUXOR	1007.8	NNE	3	41.6	33	1	8
158	ASWĀN	1006.4	N	1	40.2	13	2	8
148	SĪWA	1013.8	—	0	39.5	30	0	6
149	BAHARĪYA	1011.8	ENE	4	39.2	21	0	9
151	KHĀRGA	1008.4	NE	1	39.2	37	0	9
152	DĀKHLA	1009.4	NNE	3	39.3	6	0	8
145	TŌR							
146	HURGHĀDA							
147	QUSEIR	1009.4	NNE	3	31.4	53	1	5
169	PORT SUDAN							
165	WĀDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTŪM							
170	KASSALA							
171	WAD MEDANI							
173	DUEIM							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FĀSHER							
176	MALAKĀL							
177	WĀU							
178	JŪBA							
179	Geneina							
180	Gallabat							

At 8h. on Friday 28th الساعة ٨ يوم الجمعة ٢٨-٥-٣٧

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Rainfall Total 1 Oct. to yesterday m.	Rainfall Normal 1 Oct. to yesterday m.
130	SALŪM	1015.9	+2.0	N	3	19.8	31	—	17	—	90	—	1	6	Cu	0	0	105	—
131	MATRŪH	1014.3	+0.7	NNW	3	22.1	26	0	21	+4	81	+8	4	6	Sc	2	0	182	158
150	DIKHEILA	—	—	NW	1	24.9	26	—	19	—	58	—	0	8	—	0	0	—	—
132	ALEXANDRIA	1013.0	-0.4	SE	1	24.4	31	+4	21	+2	55	-16	0	8	—	0	0	167	190
159	DAMIETTA	1013.3	—	SE	1	27.0	31	—	20	—	69	—	0	7	—	0	0	75	116
134	PORT SAÏD	1013.5	+1.7	ESE	3	25.8	28	+1	21	+1	76	+8	0	7	—	0	0	38	81
135	EL 'ARĪSH	1013.4	—	—	0	26.0	26	—	16?	—	62	—	0	7	—	0	0	—	—
136	DAMANHŪR	1013.4	0.0	SSE	2	28.1	36	+4	19	+3	49	-13	0	7	—	0	0	78	110
137	MANSŪRA	1012.4	—	SE	1	28.0	36	+3	19	+2	43	-20	0	8	—	0	0	45	57
138	TANTA	1013.1	-0.5	—	0	27.8	36	+2	18	+1	58	-1	0	7	—	0	0	54	48
139	ZAGĀZĪG	1013.3	—	ESE	1	28.9	34	+1	18	+2	43	-21	0	8	—	0	0	20	28
141	ALMĀZA (CAIRO)	1012.2	—	ESE	5	34.6	37	—	17	—	20	—	0	6	—	0	0	—	—
	EZBEKĪYA (CAIRO)	1011.8	-0.7	—	0	30.6	38	+5	19	+1	44	-18	0	—	—	0	0	18	33
	GĪZA (CAIRO)	1011.6	-1.5	NNW	1	36.9	36	+2	17	+1	49	-12	0	6	—	0	0	16	30
143	HELWĀN (CAIRO)	1011.5	-1.3	E	1	33.9	38	+5	21	+3	11	-40	0	7	—	0	0	17	35
144	SUEZ	1013.4	+1.2	—	0	27.8	38	+5	22	+2	69	+1	0	6	—	0	0	13	26
153	FAIYŪM	1012.4	-0.4	ENE	1	30.8	40	+5	18	0	31	-19	0	8	—	0	0	6	11
154	MINYA	1011.5	-0.3	NW	2	29.0	39	+4	20	+2	34	-22	0	8	—	0	0	16	—
155	ASYŪT	1011.1	-0.6	WSW	3	31.4	43	+7	20	0	21	-20	0	7	—	0	0	dr	5
156	QENA	1009.9	-0.2	NE	2	30.7	41	+2	24	+3	31	-7	0	7	—	0	0	dr	—
157	LUXOR	1010.2	—	NNE	1	30.4	43	—	18	—	41	—	0	8	—	0	0	dr	—
158	ASWĀN	1008.4	-1.8	NNW	2	31.0	42	+1	22	-1	14	-16	0	8	—	0	0	1	—
148	SĪWA	1013.4	+0.2	—	0	25.1	41	+6	19	+2	71	+18	0	6	—	0	0	29	7
149	BAHARĪYA	1011.7	—	0	31.1	40	—	22	—	37	—	0	9	—	0	0	26	—
151	KHĀRGA	1009.5	-1.2	NE	4	32.0	40	+1	24	+2	56	+17	0	9	—	0	0	0	0
152	DĀKHLA	1011.0	-0.7	—	0	31.8	40	+1	23	+3	25	-8	0	7	—	0	0	dr	—
145	TŌR	1010.0	+0.2	NW	2	27.6	31	-1	19	-2	63	-8	0	6	—	0	0	14	14
146	HURGHĀDA	1010.8	+0.5	NNW	2	29.5	32	-2	22	0	45	-3	0	7	—	0	0	dr	0
147	QUSEIR	1009.4	-1.8	NNW	2	30.4	33	+1	24	-1	55	+10	0	6	—	0	0	1	7
169	PORT SUDAN	1007.4	-1.0	NW	1	36.6	40	+3	25	+1	19	-22	0	—	—	0	0	42	109
165	WĀDI HALFA	1009.9	0.0	N	2	28.8	42	+2	23	+1	14	-7	0	8	—	0	—	—	—
166	KAREIMA	1006.5	-2.1	NNE	3	33.7	45	+2	30	+5	10	-7	2	8	Cs,Ac	0	0	1	4
167	'ATBARA	1008.6	+1.1	S	2	330	40	-2	30	+5	34	+19	0	—	—	0	0	5	7
168	KHARTŪM	1008.5	+0.4	SSW	6	39.5	41	-1	25	-1	46	+15	6	5	—	0	0	28	8
170	KASSALA	1008.4	+0.1	S	2	30.0	42	+2	25	0	47	+6	1	8	Cs,Ac	0	0	30	24
171	WAD MEDANI	1008.3	+0.1	SSW	5	30.0	39	-2	24	0	41	+8	2	—	—	0	0	89	25
173	DUEIM	1009.8	+0.9	SE	4	28.6	37	-3	25	+2	53	+16	0	—	—	0	0	47	23
182	RENK																		
172	ROSEIRES	1010.0	+0.1	WSW	2	24.4	35	-2	21	-2	72	+18	3	—	—	1	dr.	33	104
174	EL OBEID	1010.8	+1.1	S	2	25.2	35	-4	23	+1	76	+28	4	8	Ac	1	dr.	35	32
175	EL FĀSHER	—	—	W	1	27.0	41	+3	23	+2	60	+24	0	—	—	0	0	0	15
176	MALAKĀL	—	—	SSE	3	25.6	37	+2	21	-1	76	+5	4	8	Sc.	2	1	144	196
177	WĀU	1010.3	+0.2	NW	3	25.2	37	+3	23	+2	78	+2	3	—	—	1	0	356	363
178	JŪBA	1012.5	+0.5	SSW	4	25.3	36	+2	21	0	76	-6	3	8	Cs,Sc	1	0	526	389
179	Geneina	—	—	SW	2	23.0	40	—	20	—	74	—	4	8	Fn	2	0	—	—
180	Gallabat																		

Upper Wind Observations on 28th-5-37 ارصاد الرياح العليا يوم ٢٨-٥-٣٧

Height metres above M.S.L.	Dikheila 07 h. 30 m. Dir. E.of N.	Kms per hour	Almaza 07 h. 30 m. Dir. E.of N.	Kms per hour	Halfa 06 h. 00 m. Dir. E.of N.	Kms per hour	Khartoum 06 h. 00 m. Dir. E.of N.	Kms per hour	Kassala 06 h. 00 m. Dir. E.of N.	Kms per hour	Malakal 06 h. 00 m. Dir. E.of N.	Kms per hour	Juba 06 h. 00 m. Dir. E.of N.	Kms per hour	Geneina 06 h. 00 m. Dir. E.of N.	Kms per hour	Salam 27th 13 h. 00 m. Dir. E.of N.	Kms per hour	h. m. Dir. E.of N.	Kms per hour	h. m. Dir. E.of N.	Kms per hour	h. m. Dir. E.of N.	Kms per hour	h. m. Dir. E.of N.	Kms per hour	h. m. Dir. E.of N.	Kms per hour
200	140	30	130	38	10	26	—	—	—	—	—	—	—	—	—	—	0	17										
500	140	36	80	42	20	43	150	34	160	37	140	14	290	40	—	—	240	30										
1000	160	17	60	25	10	50	180	48	180	34	160	19	260	48	—	—	220	117?										
1500	240	12	40	27	0	21	300	32	240	16	200	18	180	5	20	24	230	66										
2000	230	10	40	23	280	8	50	16	330	24	190	14	170	16	170	34												
3000	240	23	60	33	250	16	230	16					180	27	0	34												
4000	260	36																										
5000																												
6000																												

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

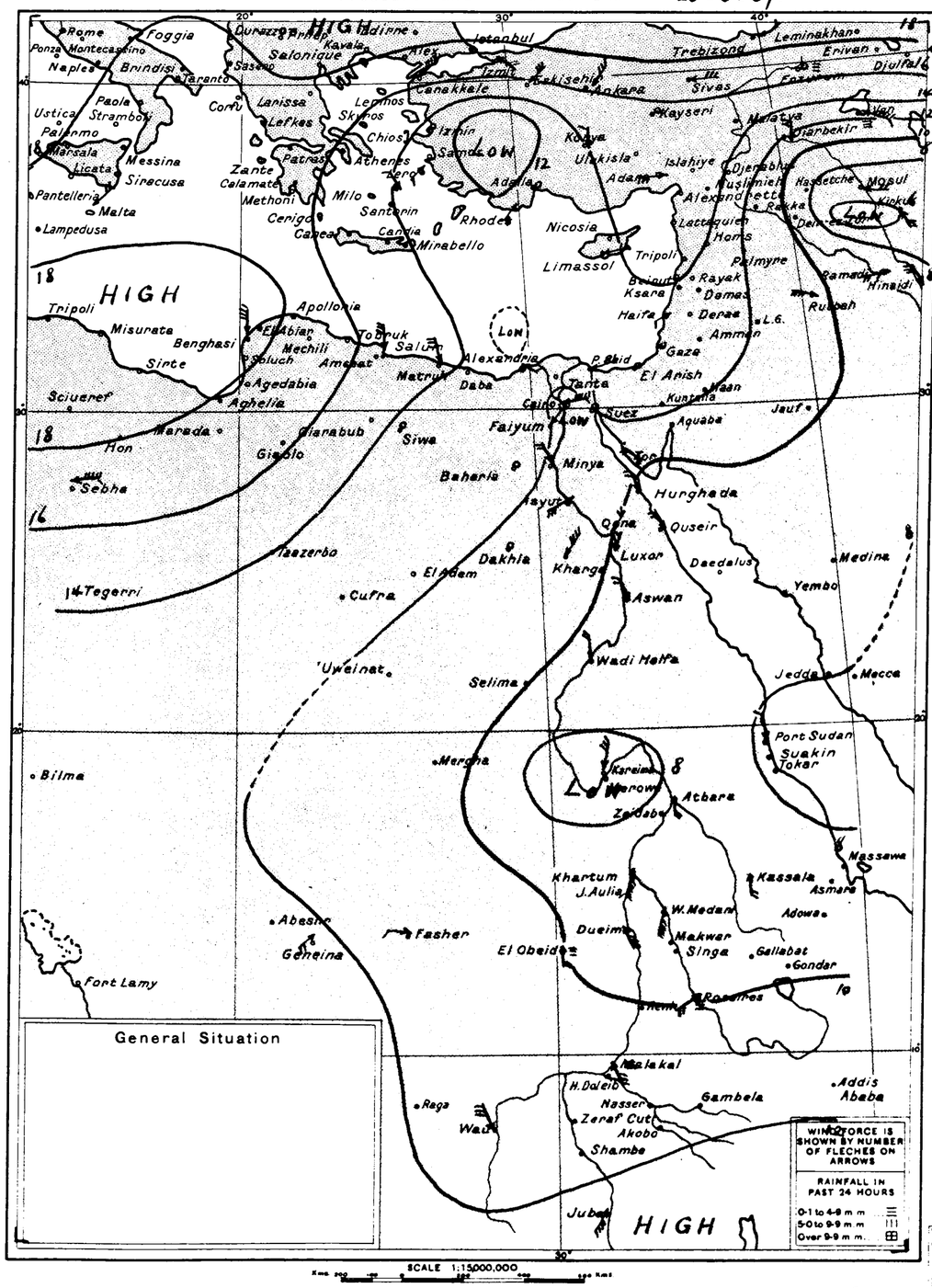
STATION	Mean of day: Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	78	+7	20.4	+2.4
Ezbekiya	37	-17	19.9	+0.2
Giza	47	-5	19.9	+0.7
Helwān	19	-20	17.0	+0.7

Gīza Grass minimum on 28th 13.6 °C

Discharges at Aswān measured by sluices m.³ per sec

DATE	1937	1936
28-5	1019	1277
27-5	1018	1268

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	28-5	13.45	-0.08	13.46	-0.08
Nāsser	27-5	7.32	+0.55	7.22	+0.52
Malakāl	28-5	10.52	+0.11	10.49	+0.11
Roseires	28-5	13.00	+0.67	12.27	+0.99
Sennār Res.	28-5	7.26	—	6.95	—
Khartūm	28-5	10.28	-0.09	10.27	-0.06
Kh. el Girba	28-5	10.80	+0.34	10.95	+0.51
'Atbara	28-5	9.93	-0.10	9.88	-0.12
Kajnarti	28-5	131.50	-0.45	131.51	-0.44
Wādi Halfa					
Aswān Res.	28-5	112.97	—	113.14	—
" D.S.	28-5	85.86	-0.09	85.86	-0.06
El Leisi	28-5	17.41	+0.49	17.35	+0.44
Rōda (Cairo)	28-5	15.75	+0.29	15.75	+0.28



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h. on 27-5-37. الساعة ٨ يوم ٢٧-٥-٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum To day °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Rainfall Total 1 Oct. to yesterday m.	Rainfall Normal 1 Oct. to yesterday m.	مرصد
Limasol	1015	+3	E	2	23	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.3	+4.2	NSW	1	24.7	26	-3	18	0	82	+18	0	—	—	—	0	365	644	حيفا
Gaza	1015.4	+4.4	—	0	22.2	29	+1	16	0	80	+16	0	9	—	0	0	395	376	غزة

ANNUAL SUBSCRIPTION

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CAIRO

Time of sunrise h. m. 04 55 — sunset h. m. 18 49

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

٢٩-٥-١٩٣٧

At 14h. on 28th — الساعة ١٤ يوم ٢٨ ; At 8h. on Saturday 29th — الساعة ٨ يوم السبت ٢٩

No.	Station	14h Bar. (m.b.)	14h Wind Dir.	14h Force	14h Temp. °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1016.3	NNE	5	21.6	85	1	8	1017.4	+3.5	NNE	2	19.9	23	—	17	—	84	—	1	5	Cu	1	0	105	—
131	MATRÛH	1015.1	NNW	3	22.8	78	3	6	1015.6	+2.1	NW	2	21.6	24	-2	20	+3	80	+6	0	6	—	0	0	182	158
150	DIKHEILA	—	NNE	4	25.3	75	0	8	—	—	N	4	23.0	27	—	21	—	82	—	2	8	Sc	0	0	—	—
132	ALEXANDRIA	1013.8	N	4	28.0	63	0	9	1015.1	+1.7	NE	2	23.5	29	+2	21	+2	78	+7	2	8	Cu	2	0	167	190
158	DAMIETTA								1013.8	—	N	2	27.0	34	—	20	—	70	—	0	8	—	0	0	75	116
134	PORT SAÏD	1013.0	NE	3	29.7	62	0	7	1013.8	+2.0	NNE	3	25.5	30	+3	23	+3	76	+8	0	7	—	0	0	38	81
135	EL ʿARÎSH	1012.3	NNW	3	29.4	62	0	7	1013.3	—	NNE	2	25.0	35	—	17	—	78	—	0	7	—	0	0	—	—
136	LOWER EGYPT: DAMANHÛR								1015.1	+1.7	NNE	3	25.3	32	0	20	+4	71	+9	0	8	—	0	0	78	110
137	MANSÛRA								1013.9	—	NE	1	25.9	40	+7	20	+3	68	+5	0	8	Ci	0	0	45	57
138	TANTA	1012.2	N	1	40.0	34	0	7	1014.7	+1.2	NNE	1	26.5	41	+7	18	+1	69	+10	0	7	—	0	0	54	48
139	ZAGÂZÎG	1011.6	ENE	1	38.6	18	0	8	1014.4	—	NNW	1	26.9	39	+6	18	+1	64	0	0	8	—	0	0	20	28
141	MIDDLE EGYPT: CAIRO ALMÂZA	1010.6	NNE	3	40.0	17	0	8	1014.2	—	NNE	2	24.8	40	—	18	—	67	—	0	8	—	0	0	—	—
	CAIRO EZBEKÎYA	1010.4	N	2	40.8	18	0	8	1013.6	+1.1	NNW	2	26.8	41	+8	19	+1	62	0	0	6	—	0	0	18	33
	CAIRO GÎZA	1009.8	NW	1	39.9	16	0	7	1013.8	+0.8	NNW	2	23.9	41	+7	19	+3	71	+10	0	6	—	0	0	16	30
143	HELWÂN	1009.6	ENE	2	40.2	8	0	6	1013.4	+0.6	N	3	27.0	41	+8	20	+2	41	-11	0	6	—	0	0	17	35
144	SUEZ								1013.3	+1.1	N	2	26.6	40	+7	22	+2	85	+17	0	6	—	0	0	13	26
153	UPPER EGYPT: FAIYÛM	1010.4	ENE	3	39.9	15	0	8	1014.0	+1.2	N	3	26.5	41	+6	21	+3	63	+13	0	8	—	0	0	6	11
154	MINYA								1012.3	+0.6	N	3	27.4	41	+6	23	+5	54	-2	0	7	—	0	0	16	—
155	ASYÛT	1008.5	NE	2	39.8	17	0	8	1011.6	0.0	[illegible]	3	28.0	43	+7	22	+2	44	+3	0	8	—	0	0	dr.	5
156	QENA	1008.0	ENE	1	41.2	23	0	8	1010.2	+0.2	NNE	1	32.9	42	+2	23	+2	30	-8	0	8	—	0	0	dr.	—
157	LUXOR	1007.5	ESE	1	41.4	16	0	8	1009.8	—	NE	3	33.4	44	—	20	—	40	—	0	8	—	0	0	dr.	—
158	ASWÂN	1006.2	NW	1	41.4	12	0	8	1009.5	-0.6	—	0	31.4	43	+2	24	+1	30	0	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1012.7	—	0	38.6	32	0	6	1017.0	+3.8	—	0	24.0	39	+4	19	+2	68	+15	0	6	—	0	0	29	7
149	BAHARÎYA	1011.1	NE	2	40.2	21	0	9	1013.9	—	ENE	2	26.3	41	—	21	—	65	—	0	9	—	0	0	26	—
151	KHÂRGA	1007.0	NE	1	41.8	30	0	9	1009.9	-0.7	NE	3	32.7	42	+3	26	+4	50	+11	0	9	—	0	0	0	0
152	DÂKHLA	1008.8	NNE	5	40.8	8	0	8	1011.4	-0.5	S	1	33.2	42	+3	27	+7	37	+4	0	6	—	0	0	dr.	—
145	RED SEA: TÔR								1010.3	+0.5	NW	3	26.0	33	+1	21	0	73	+2	0	6	—	0	0	14	14
146	HURGHÂDA								1011.6	+1.4	NNW	2	33.9	35	+1	23	+1	40	-8	0	6	—	0	0	dr	0
147	QUṢEIR	1009.3	N	3	29.9	65	0	6	1009.3	-1.8	N	2	33.4	35	+3	28	+3	49	+4	0	6	—	0	0	1	7
169	PORT SUDAN								1008.3	0.0	NW	2	36.5	44	+7	26	+1	13	-27	0	—	—	0	0	42	109
165	NORTH SUDAN: WÂDI HALFA								1009.7	-0.1	N	2	27.2	42	+2	21	-1	24	+3	2	8	Ci,Ac	1	—	—	—
166	KAREIMA								1006.1	-2.4	NE	2	34.9	45	+2	29	+4	15	-2	0	8	Ci	0	0	1	4
167	ʿATBARA								1007.6	+0.1	SW	3	36.0	43	+1	29	+4	25	+10	0	—	—	0	0	5	8
168	KHARṬÛM								1007.3	-0.8	S	4	31.8	39	-3	27	+1	33	+2	0	8	—	0	0	28	8
170	KASSALA								1008.6	+0.2	SE	4	29.8	40	0	26	+1	47	+6	0	8	—	0	0	30	24
171	CENTRAL SUDAN: WAD MEDANI								1008.6	+0.4	SSW	2	30.5	40	-1	26	+2	46	+12	2	—	—	0	0	89	26
173	DUEIM								1009.6	+0.6	SE	4	30.0	39	-1	26	+3	51	+13	0	—	0	0	0	47	23
	RENK														—		—		—							
172	ROSEIRES								1010.7	+0.7	SSW	2	24.8	39	+2	21	-2	76	+21	3	—	—	2	46	79	106
174	EL OBEID								1009.9	+0.1	SSW	3	28.8	37	-2	25	+3	58	+9	2	8	Ac	0	0	35	33
175	EL FÂSHER								—	—	SW	1	28.0	42	+3	22	+1	42	+5	0	—	—	0	0	0	15
176	S. SUDAN: MALAKÂL								—	—	NE	4	27.4	36	+2	24	+2	63	-8	4	8	Cu,Sc	0	dr.	144	199
177	WÂU								1010.4	+0.3	NW	3	25.0	36	+2	23	+2	80	+4	1	—	—	2	1	357	367
178	JÛBA								1012.1	0.0	SE	3	26.8	35	+2	23	+2	69	-13	2	8	Cu	1	0	526	593
179	Geneina								—	—	—	0	24.5	40	—	23	—	61	—	3	8	As	2	dr.	—	—
180	Gallabat																									

Upper Wind Observations on 29-5-1937

ارصاد الرياح العليا يوم ٢٩-٥-١٩٣٧

Dir. E. of N. / Kms. per hour

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms.	Matruh 07h.00m. Dir.	Kms.	Dikheila 08h.00m. Dir.	Kms.	Cairo 08h.00m. Dir.	Kms.	Helwan 08h45m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	Wadi Halfa 06h.00m. Dir.	Kms.	Kareima 05h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Geneina 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.
200	20	10	340	12	10	25	40	21	20	21	—	—	—	—	10	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	0	17	350	34	10	17	50	17	40	13	60	26	40	22	50	32	50	31	180	31	180	34	—	—	—	—	290	24	280	14
1000	Ent.	Cu.	220	28	320	17			80	20	40	24	60	37	50	40	50	31	200	48	190	45	230	47	—	—	350	11	280	10
1500			260	39	260	26			60	7	50	25	50	36	30	39	60	5	210	29	310	14	270	31	260	8	350	13	290	6
2000									330	7	40	18	50	30	50	8	—	—	160	14	0	21	280	14	0	18	270	5	310	3
3000									290	25					210	21	110	10	80	29	30	34	90	26	50	35	190	16		
4000									270	14							130	21			80	50			80	43				
5000																														
6000																														

Forecast for 24 hours from noon on 29th

Moderate winds between northwest and northeast.
Clear at first, occasional low cloud later.
Temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٩

رياح معتدلة ما بين الشمال الغربي والشمال الشرقي
السماء صحو أول الأمر ثم بعض السحاب المنخفض فيما بعد
ودرجة الحرارة حول المعدل.

Station	Mean of day: Humidity % on 28th	Diff. from normal	Wet bulb temp. °C on 28th	Diff. from normal
Alexandria	71	0	21.2	+2.6
Ezbekiya	38	-16	22.5	+2.3
Gîza	39	-13	20.7	+1.5
Helwân	9	-30	18.2	+1.8

Gîza Grass minimum on 29th 16.7 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
29-5	1019	1272
28-5	1019	1277

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	28-5	13.45	-0.08	13.46	-0.08
Nâsser	27-5	7.32	+0.55	7.22	+0.52
Malakâl	29-5	10.56	+0.13	10.52	+0.11
Roseires	29-5	13.22	+0.80	13.00	+0.67
Sennâr Res.	28-5	7.26	—	6.95	—
Khartûm	28-5	10.28	-0.09	10.27	-0.06
Kh. el Girba	28-5	10.80	+0.34	10.95	+0.51
ʿAtbara	29-5	9.95	-0.09	9.93	-0.10
Kajnarti	29-5	131.49	-0.46	131.50	-0.45
Wâdi Halfa					
Aswân Res.	29-5	112.80	—	112.97	—
,, D. S.	29-5	85.86	-0.11	85.86	-0.09
El Leisi	29-5	17.45	+0.53	17.41	+0.49
Rôda (Cairo)	29-5	15.79	+0.33	15.75	+0.29

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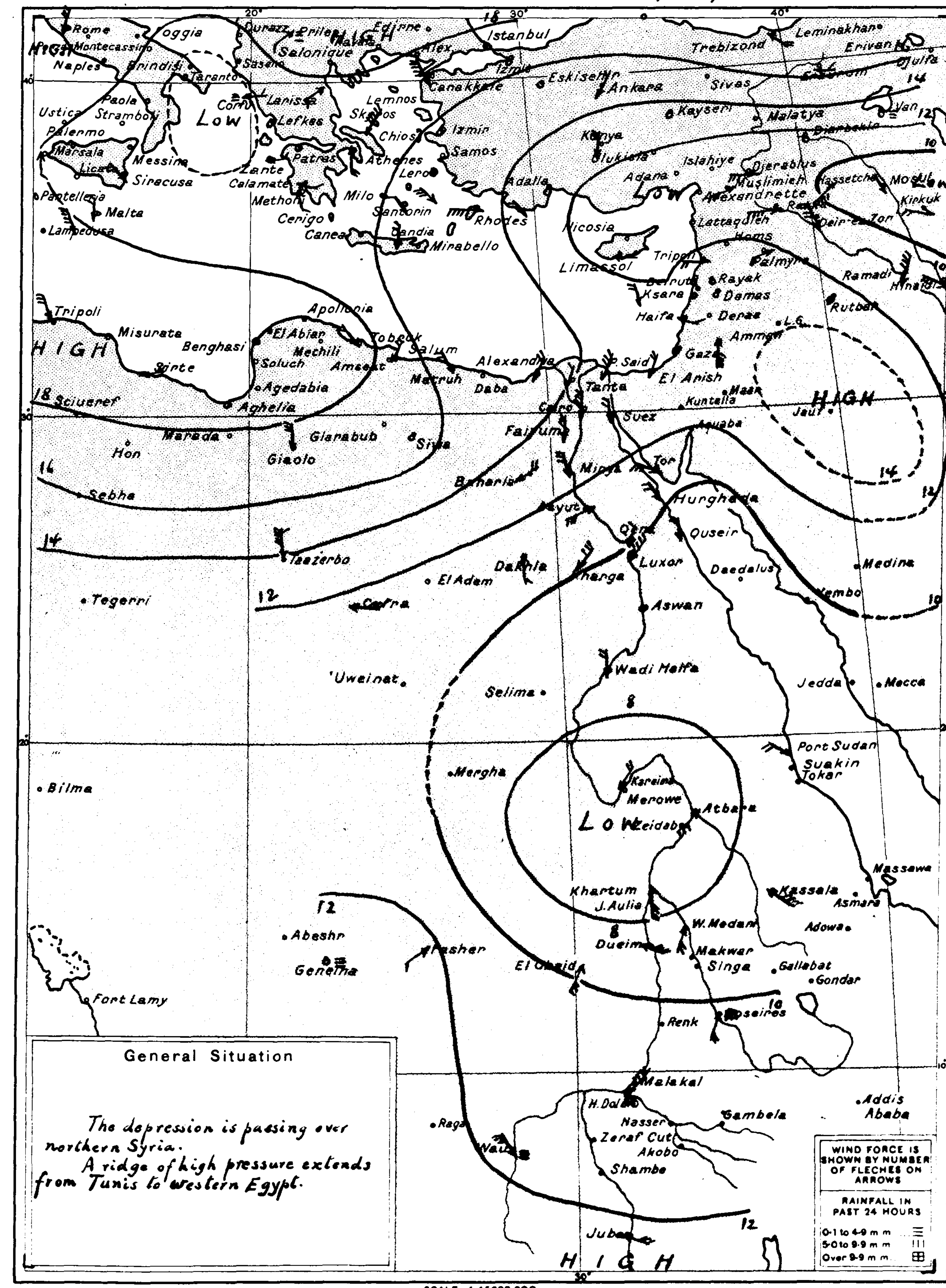
Pressure and Wind at 8 h. 29-5-37



General Situation

The depression is passing over northern Syria.
A ridge of high pressure extends from Tunis to western Egypt.

At 8 h on 28-5-37 — الساعة ٨ يوم ٢٨-٥-٣٧

Station	Bar. Reduced to M.S.L. m b	Diff. from normal m b	Wind Dir	Force	Dry Bulb °C	Max. Yesterday °C	Diff from norm. °C	Min. Today °C	Diff from norm. °C	Humidity %	Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m	Total fr. Oct 1 to yesterday m.m.	Normal fr. Oct 1 to yesterday m.m.	مرصد
Limasol	1013	+1	E	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.8	+3.7	[illegible]	1	25.3	27	-2	20	+2	90	+26	0	—	—	—	0	365	644	حيفا
Gaza	1013.4	+2.5	—	0	26.8	28	0	16	0	56	-8	0	9	—	0	0	396	376	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO :
Time of sunrise h. m. 04 55
sunset h. m. 18 50

Month *May* 1937 ١٩٣٧ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

			At 14h. on 29th (الساعة ١٤ يوم ٢٩)							At 8h. on Sunday 30th (الساعة ٨ يوم الأحد ٣٠)																	
			Barometric Pressure Reduced to M.S.L.	Wind		Temperature	Humidity	Present Weather	Visibility	Bar. Pressure		Wind		Temperature					Humidity		Present Weather	Visibility	Cloud Form	Past Weather	Rainfall		
	Station		m.b.	Dir.	Force	°C	%			Reduced to M.S.L. m.b.	Diff. from normal m.b.	Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	%	Diff. from norm. %					Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	MEDITERRANEAN	1018.0	NNE	3	21.4	85	1	6	1017.8	+4.0	N	2	20.0	24	—	18	—	84	—	0	5	Cu	1	0	105	—
131	MATRÛH	MEDITERRANEAN	1015.8	NNW	3	23.1	79	0	6	1016.3	+2.8	N	1	21.9	23	-3	18	+1	78	+4	2	6	Sc	1	0	182	158
150	DIKHEILA	MEDITERRANEAN	—	N	4	23.9	78	0	—	1016.0	—	N	1	23.5	24	—	18	—	73	—	1	7	St	2	0	—	—
132	ALEXANDRIA	MEDITERRANEAN	1015.1	NNE	5	25.2	70	0	8	1015.9	+2.6	—	0	23.3	27	0	19	0	75	+4	2	8	Cu	2	0	167	190
159	DAMIETTA	MEDITERRANEAN								1015.6	—	NNW	1	26.5	30	—	18	—	69	—	1	8	Ac	1	0	75	116
134	PORT SAÏD	MEDITERRANEAN	1014.0	NNE	4	26.6	72	2	7	1015.4	+3.6	NE	2	24.4	28	0	21	+1	72	+4	2	7	Cu	1	0	38	81
135	EL 'ARÎSH	MEDITERRANEAN	1012.8	NNE	3	26.7	79	0	7	1015.4	—	—	0	26.0	29	—	19	—	71	—	2	7	Cu	1	0	—	—
136	DAMANHÛR	LOWER EGYPT								1016.2	+2.9	NNE	2	23.6	31	-1	18	+2	73	+11	1	8	Cu	0	0	78	110
137	MANSÛRA	LOWER EGYPT								1015.1	—	NNE	1	24.3	33	0	17	0	70	+6	0	8	—	0	0	45	57
138	TANTA	LOWER EGYPT	1013.3	NW	1	33.0	55	0	7	1016.0	+2.5	NNE	1	24.0	33	-1	16	-1	75	+15	0	7	—	0	0	54	48
139	ZAGÂZÎG	LOWER EGYPT	1012.7	NNW	2	34.5	38	0	8	1015.5	—	ENE	2	24.9	35	+2	17	0	75	+11	0	8	Ci	1	0	20	28
141	CAIRO ALMÂZA	MIDDLE EGYPT	1013.0	NNW	3	35.9	17	0	8	1014.6	—	E	3	27.1	37	—	17	—	46	—	0	8	—	0	0	—	—
	CAIRO EZBEKÎYA	MIDDLE EGYPT	1011.9	N	1	36.3	33	0	9	1014.2	+1.8	NNW	2	26.5	37	+3	20	+2	57	-5	0	7	—	0	0	18	33
	CAIRO GÎZA	MIDDLE EGYPT	1011.4	NNE	1	36.0	37	0	7	1013.8	+0.8	NE	2	25.0	37	+3	19	+3	61	0	0	6	—	0	0	16	30
143	HELWÂN	MIDDLE EGYPT	1011.4	N	4	36.2	20	0	6	1013.3	+0.5	ENE	4	28.7	37	+4	20	+2	15	-37	0	7	—	0	0	17	35
144	SUEZ	MIDDLE EGYPT								1015.0	+2.9	NW	2	26.0	38	+5	21	+1	81	+12	0	6	—	0	0	13	26
153	FAIYÛM	UPPER EGYPT	1011.4	NNW	3	37.9	22	0	6	1014.3	+1.5	N	3	25.5	39	+4	20	+1	56	+6	0	8	—	0	0	6	11
154	MINYA	UPPER EGYPT	1010.4	NNW	4	38.5	28	0	6	1013.1	+1.4	NNW	2	26.0	40	+5	21	+3	59	+3	0	8	—	0	0	16	—
155	ASYÛT	UPPER EGYPT	1008.4	ESE	2	43.2	20	0	8	1011.9	+0.3	WSW	3	28.0	44	+8	24	+4	44	+3	0	8	—	0	0	dr.	5
156	QENA	UPPER EGYPT	1007.5	ENE	1	42.5	22	0	9	1010.0	+0.1	NW	1	31.2	43	+3	26	+5	41	+3	0	7	—	0	0	dr.	—
157	LUXOR	UPPER EGYPT	1007.2	NNW	1	43.2	44	0	8	1009.8	—	WSW	1	33.3	44	—	26	—	47	—	0	8	—	0	0	dr.	—
158	ASWÂN	UPPER EGYPT	1005.4	—	0	42.9	22	1	8	1008.4	-1.6	N	1	34.0	45	+4	26	+2	19	-11	1	8	Cu	1	0	1	—
148	SÎWA	WESTERN DESERT	1014.4	—	0	34.7	38	0	6	1016.8	+3.7	—	0	24.9	37	+2	19	+2	64	+11	4	6	—	1	0	29	7
149	BAHARÎYA	WESTERN DESERT	1011.4	NNW	1	38.8	33	0	9	1014.6	—	NE	2	27.2	40	—	19	—	50	—	0	9	—	0	0	26	—
151	KHÂRGA	WESTERN DESERT	1008.2	N	1	41.7	39	0	9	1010.7	+0.2	NNE	5	30.8	43	+4	27	+5	54	+15	0	9	—	0	0	0	0
152	DÂKHLA	WESTERN DESERT	1009.0	ENE	3	42.1	18	0	7	1012.0	+0.4	NNE	2	33.2	42	+3	27	+7	39	+6	0	6	—	0	0	dr.	—
145	TÔR	RED SEA								1010.4	+0.7	NW	5	25.0	32	0	23	+2	76	+6	0	6	—	0	0	14	14
146	HURGHÂDA	RED SEA								1010.4	+0.3	NW	5	29.4	36	+2	22	0	33	-15	0	6	—	0	0	dr	0
147	QUSEIR	RED SEA								1009.3	-1.7	NNW	3	30.7	36	+4	27	+2	62	+17	0	6	—	0	0	1	7
169	PORT SUDAN	RED SEA								1007.6	-0.6	N	3	35.5	44	+7	24	-1	24	-16	0	—	—	0	0	42	109
165	WÂDI HALFA	NORTH SUDAN								1008.5	-1.3	NNE	1	29.6	43	+3	25	+3	23	+2	1	7	Ci, Ac	0	—	—	—
166	KAREIMA	NORTH SUDAN								1006.9	-1.6	—	0	36.7	46	+3	31	+6	26	+9	2	8	Ac	2	0	1	4
167	'ATBARA	NORTH SUDAN								1007.0	-0.4	SSW	2	37.0	45	+3	30	+5	21	+6	1	—	—	0	0	5	8
168	KHARTÛM	NORTH SUDAN								1008.4	+0.3	SSE	3	33.8	42	0	28	+2	36	+5	6	6	Cs, Ac	0	0	28	8
170	KASSALA	NORTH SUDAN								1007.8	-0.6	S	1	31.6	41	+1	29	+4	49	+7	1	8	Ac	0	0	30	25
171	WAD MEDANI	CENTRAL SUDAN								1009.5	+1.3	SSW	5	31.3	41	0	25	+1	46	+11	1	—	—	0	0	89	26
173	DUEIM	CENTRAL SUDAN								1010.7	+1.7	SE	5	30.0	—	—	—	—	54	+16	0	—	—	—	0	47	24
182	RENK	CENTRAL SUDAN														—		—		—							
172	ROSEIRES	CENTRAL SUDAN								1009.6	-0.4	WSW	2	25.4	37	0	20	-3	64	+9	2	—	—	8	18	97	108
174	EL OBEID	CENTRAL SUDAN								1009.9	+0.1	SSW	3	27.5	39	0	25	+3	60	+11	2	8	Ci, Ac	0	3	38	33
175	EL FÂSHER	CENTRAL SUDAN								—	—	SW	1	29.0	43	+4	26	+5	52	+15	0	—	—	0	0	0	15
176	MALAKÂL	S. SUDAN								—	—	S	2	26.3	37	+3	23	+1	76	+5	4	8	St	0	1	145	201
177	WÂU	S. SUDAN								1012.0	+1.9	NW	3	24.3	36	+2	23	+2	89	+13	3	—	—	2	1	358	372
178	JÛBA	S. SUDAN								1013.6	+1.5	SSW	4	25.1	35	+2	21	0	76	-6	1	8	Cs, Ac	1	2	528	396
179 / 180	Geneina / Gallabat									—	—	SW	2	26.7	39	—	22	—	43	—	3	8	Cs	0	0	—	—

Upper Wind Observations on 30-5-1937 — ارصاد الرياح العليا يوم ٣٠-٥-١٩٣٧

Height in metres above M.S.L.; Dir. = E. of N.; Kms. per hour.

Height	Salum Dir. (07h.00m.)	Salum Kms	Matruh Dir. (07h.00m.)	Matruh Kms	Dikheila Dir. (07h.30m.)	Dikheila Kms	Almaza Dir. (07h.30m.)	Almaza Kms	Cairo Dir. (08h.00m.)	Cairo Kms	Helwan Dir. (08h.30m.)	Helwan Kms	Asyut Dir. (07h.00m.)	Asyut Kms	Aswan Dir. (07h.00m.)	Aswan Kms	Wadi Halfa Dir. (06h.00m.)	Wadi Halfa Kms	Kareima Dir. (05h.00m.)	Kareima Kms	Khartum Dir. (05h.00m.)	Khartum Kms	Kassala Dir. (07h.00m.)	Kassala Kms	El Obeid Dir. (06h.00m.)	El Obeid Kms	Malakal Dir. (06h.00m.)	Malakal Kms	Juba Dir. (05h.00m.)	Juba Kms
200	340	3	10	8	350	16	80	38	60	22	100	16	—	—	—	—	10	21	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	350	5	0	16	70	39	70	35	50	20	30	33	60	36	50	31	180	31	250	27	190	37	—	—	210	19	290	26
1000	0	20	Ent. Sc		310	8	0	40	20	28	10	31	10	60	70	44	70	27	180	31	250	34	230	24	210	24	180	24	280	23
1500	260	23			300	22	320	19	320	18	320	21			60	16	120	18	150	31	260	8	290	34	80	5	170	16	260	14
2000	250	26			290	32	280	18	300	18	290	18			50	23	140	24	150	19	20	11	180	3	60	24	150	29	250	18
3000					260	56	280	8			220	13					90	13	70	18	50	32			70	34	90	23	210	43
4000											210	18					230	18	50	16									190	45
5000																														
6000																														

Forecast for 24 hours from noon on 30th

Moderate to fresh winds between northwest and northeast.
Clear or occasional medium cloud.
Cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٣٠

رياح بين المعتدلة والشديدة نوعا وبين شمالية غربية وشمالية شرقية.
السماء صحو أو يظهر إلى بعض السحاب المتوسط الارتفاع احيانا. تهبط درجة الحرارة باكر

Station	Mean of day: Humidity % on 29th	Diff. from normal	Wet bulb temp. °C on 29th	Diff. from normal
Alexandria	79	+8	20.7	+2.0
Ezbekiya	53	-1	22.0	+1.8
Gîza	59	+7	21.7	+2.4
Helwân	41	+2	20.0	+3.5

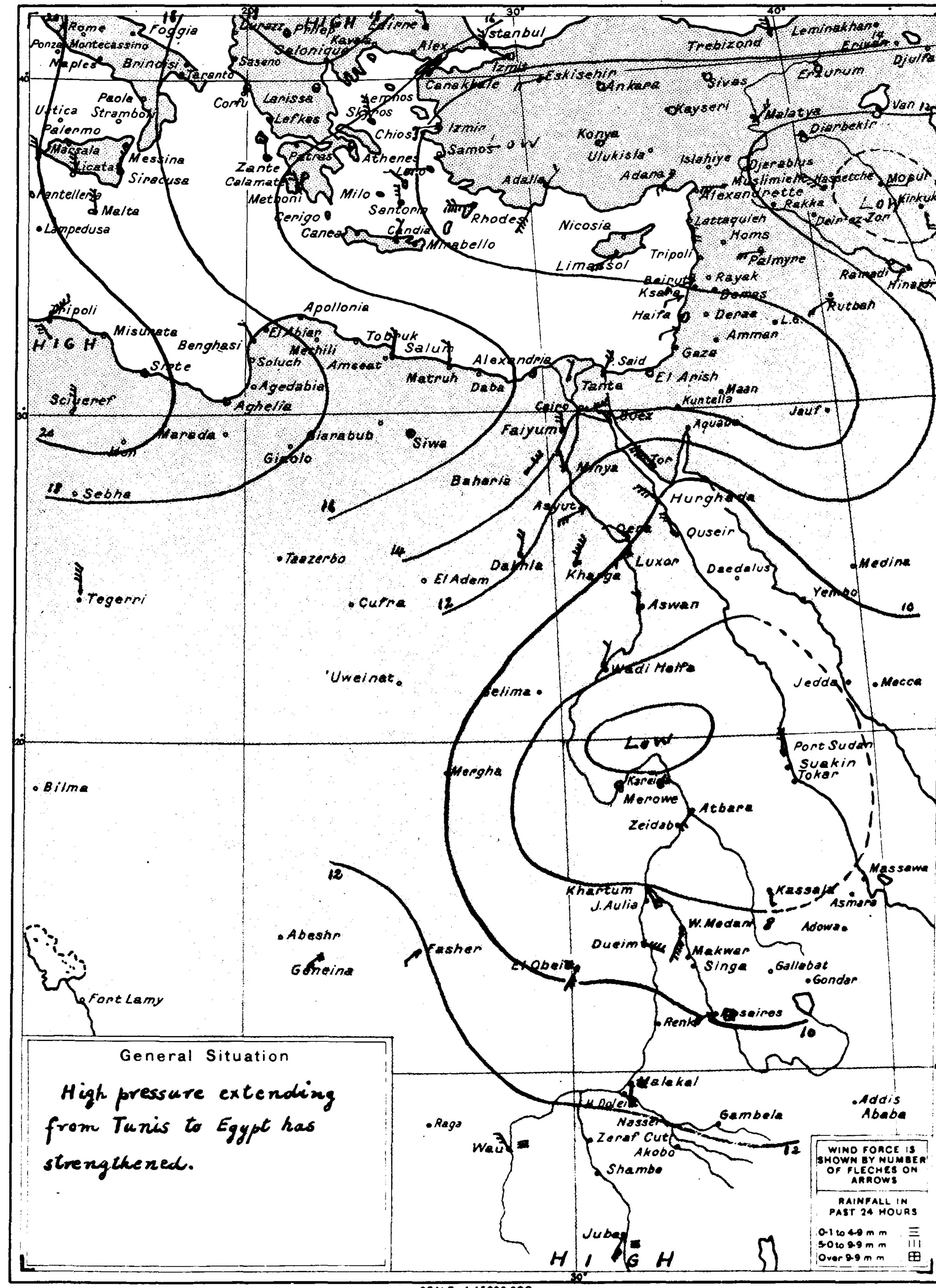
Gîza Grass minimum on 30th 17.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
30-5	1019	1271
29-5	1019	1272

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	30-5	13.46	-0.05	13.44	-0.08
Nâsser	28-5	7.40	+0.52	7.32	+0.55
Malakâl	30-5	10.60	+0.14	10.56	+0.13
Roseires	30-5	13.10	+0.73	13.22	+0.88
Sennâr Res.	29-5	7.33	—	7.26	—
Khartûm	29-5	10.22	-0.17	10.28	-0.09
Kh. el Girba	29-5	10.78	+0.32	10.80	+0.34
'Atbara	30-5	9.94	-0.12	9.95	-0.09
Kajnarti	30-5	131.48	-0.46	131.49	-0.46
Wâdi Halfa					
Aswân Res.	30-5	112.62	—	112.80	—
" D. S.	30-5	85.86	-0.13	85.86	-0.11
El Leisi	30-5	17.55	+0.62	17.45	+0.53
Rôda (Cairo)	30-5	15.79	+0.38	15.79	+0.53

١٩٣٧-٥-٣٠ Pressure and Wind at 8 h. 30-5-1937



SCALE 1.15,000,000

General Situation

High pressure extending from Tunis to Egypt has strengthened.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 29-5-37 — الساعة ٨ يوم ٢٩-٥-٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1012	0	E	1	24	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.3	+3.3	ESE	1	27.5	31	+2	19	+1	81	+17	0	—	—	—	0	365	645	حيفا
Gaza	1013.1	+2.3	—	0	25.9	30	+2	19	+3	76	+12	0	9	—	0	0	395	376	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post ... P.T. 100
Abroad ... P.T. 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise h. m. 04 55 — sunset h. m. 18 51 — Month *May* 1937 ١٩٣٧ شهر مايو

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

DAILY WEATHER REPORT ٣١-٥-٣٧

At 14h. on 30th الساعة ١٤ يوم ٣٠ — At 8h. on 31st الساعة ٨ يوم ٣١

No.	STATION	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1018.0	NNE	1	21.7	76	1	8	1019.2	+5.4	NNW	1	20.1	23	—	16	—	78	—	3	6	Cu	2	0	105	—
131	MATRÛH	1015.4	NNW	3	22.6	81	3	6	1017.2	+3.8	NNW	3	21.4	23	-3	18	+1	86	+12	4	6	Sc	2	0	182	158
150	DIKHEILA	1016.3	NNE	3	23.8	72	3	—	1016.9	—	—	0	23.8	24	—	19	—	73	—	2	7	St	0	0	—	—
132	ALEXANDRIA	1016.6	N	4	25.3	62	3	8	1016.8	+3.5	—	0	22.2	27	0	20	+1	81	+10	2	8	Cu	2	0	167	190
154	DAMIETTA								1016.6	—	NNW	1	26.9	29	—	19	—	64	—	0	7	—	0	0	75	116
134	PORT SAÏD	1014.8	NNE	4	26.2	64	0	7	1016.3	+4.6	NNW	2	24.7	28	0	20	0	71	+3	0	7	—	0	0	38	81
135	EL 'ARÎSH	1013.9	NNE	4	25.2	82	0	7	1015.8	—	—	0	25.5	28	—	18	—	72	—	0	7	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1017.0	+3.8	NNE	1	25.0	31	-1	19	+3	67	+5	0	7	—	0	0	78	110
137	MANSÛRA								1016.2	—	S	1	24.6	32	-1	18	+1	70	+6	0	8	—	0	0	45	57
138	TANTA	1014.3	NNE	2	32.0	54	0	7	1017.4	+4.0	—	0	25.5	32	-2	16	-1	72	+12	0	7	—	0	0	54	48
134	ZAGÂZÎG	1013.8	NNE	3	32.4	45	0	8	1016.4	—	NNW	1	24.9	32	-1	18	+1	70	+6	0	8	—	0	0	20	28
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1013.6	WNW	4	33.9	43	0	8	1016.3	—	NE	3	24.6	34	—	18	—	72	—	0	8	—	0	0	—	—
	CAIRO EZBEKÎYA	1013.1	N	3	34.7	35	0	8	1015.8	+3.4	NNE	3	25.0	35	+1	20	+2	63	+1	0	7	—	0	0	18	33
	CAIRO GÎZA	1012.7	NNE	2	33.8	40	0	7	1015.2	+2.3	NNE	1	24.6	34	0	19	+3	67	+6	0	6	—	0	0	16	30
143	HELWÂN	1011.9	N	5	35.0	11	0	7	1015.5	+2.8	NNE	3	24.9	37	+4	20	+1	49	-3	6	6	—	0	0	17	35
144	SUEZ								1015.6	+3.6	NNW	4	23.8	36	+2	20	0	91	+22	0	6	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1012.3	N	5	36.6	18	0	7	1015.8	+3.1	N	3	25.6	37	+2	20	+1	57	+7	0	7	—	0	0	6	11
154	MINYA	1011.0	N	4	38.4	23	0	5	1014.0	+2.4	NNE	3	25.0	39	+4	21	+3	61	+5	0	7	—	0	0	16	—
155	ASYÛT	1008.7	NNW	3	40.0	18	0	8	1013.4	+1.4	WNW	3	27.2	42	+6	21	+1	43	+2	0	8	—	0	0	dr	5
156	QENA	1007.9	SW	1	42.6	20	0	8	1010.8	+1.0	WSW	1	31.8	44	+4	27	+6	37	-1	0	7	—	0	0	dr	—
157	LUXOR	1007.2	NNW	1	42.3	42	0	8	1010.8	—	WNW	1	34.1	44	—	24	—	43	—	0	8	As	0	0	dr	—
158	ASWÂN	1005.6	NW	1	43.3	14	1	8	1009.6	-0.4	N	1	33.0	45	+4	28	+4	21	-9	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1014.8	—	0	36.3	43	2	6	1018.0	+5.0	—	0	25.1	36	+1	19	+2	69	+16	4	6	Sc	2	dr	29	7
149	BAHARÎYA	1012.0	NE	2	37.8	34	0	9	1015.8	—	NNE	2	25.5	38	—	19	—	60	—	0	9	—	0	0	26	—
151	KHÂRGA	1008.2	N	4	41.7	9	0	9	1011.4	+1.0	N	5	32.3	42	+3	29	+7	32	-7	0	9	—	0	0	•	•
152	DÂKHLA	1009.6	NNE	5	40.8	27	0	7	1013.4	+1.9	ENE	2	33.1	43	+4	25	+4	27	-6	0	6	—	0	0	dr	—
	RED SEA																									
145	TÔR								1011.1	+1.5	NW	6	24.9	34	+2	22	+1	74	+3	0	5	—	0	0	14	14
146	HURGHÂDA								1011.5	+1.5	NNW	3	29.4	34	0	24	+2	30	-18	0	6	—	0	0	dr	0
147	QUSEIR	1008.2	N	3	32.3	65	0	6	1009.5	-0.4	N	3	30.3	34	+1	27	+2	65	+20	0	6	—	0	0	1	7
164	PORT SUDAN								1007.5	-0.6	N	2	34.6	46	+9	23	-2	36	-4	0	—	—	0	0	42	109
	NORTH SUDAN																									
165	WÂDI HALFA								1009.6	0.0	NNE	3	32.1	45	+5	27	+5	22	+1	4	7	Ci, As	0	—	—	—
166	KAREIMA								1006.0	-2.5	SW	1	39.0	47	+4	33	+8	21	+4	2	7	Cs, Ac	2	dr	1	4
167	'ATBARA								1006.2	-1.2	SW	2	36.5	45	+3	28	+3	19	+4	0	—	—	0	0	5	8
168	KHARTÛM								1008.4	+0.3	SSW	3	31.9	42	0	26	0	38	+6	3	8	Ci	1	5	33	8
170	KASSALA								1008.3	-0.2	S	3	31.6	42	+2	28	+3	43	+1	0	8	—	0	0	30	25
	CENTRAL SUDAN																									
171	WAD MEDANI								1009.9	+1.6	S	2	30.2	41	0	23	-1	47	+12	1	—	—	0	6	75	27
173	DUEIM								1009.5	+0.5	ESE	4	31.2	39	-1	27	+4	44	+5	0	—	—	1	0	47	24
182	RENK									—					—		—		—							
172	ROSEIRES								1009.4	-0.7	WSW	2	28.7	35	-2	24	+1	58	+2	2	—	—	1	0	97	109
174	EL OBEID								1010.3	+0.5	S	4	27.7	37	-1	24	+2	57	+7	0	8	Ci	•	0	38	34
175	EL FÂSHER								—	—	W	1	29.0	42	+3	27	+6	52	+14	0	—	—	0	0	•	16
	S. SUDAN																									
176	MALAKÂL								—	—	SSW	4	26.9	35	+1	21	-1	64	-2	4	8	Cb	0	dr	145	204
177	WÂU								1011.2	+1.0	E	3	25.2	35	+1	23	+2	78	+2	1	—	—	1	0	358	376
178	JÛBA								1013.6	+1.5	SE	3	25.0	35	+2	20	-1	76	-6	3	8	Cu, Sc	4	1	529	400
179	Geneina								—	—	SE	3	23.6	40	—	23	—	67	—	4	8	St	5	dr	—	—
180	Gallabat																									

Upper Wind Observations on 31st ارصاد الرياح العليا يوم ٢١

Height metres above M.S.L.	Salum 07h 00m Dir.	Salum Kms. per hour	Matruh 07h 00m Dir.	Matruh Kms.	Dikheila 07h 15m Dir.	Dikheila Kms.	Almaza 07h 15m Dir.	Almaza Kms.	Cairo 08h 00m Dir.	Cairo Kms.	Helwan 08h 30m Dir.	Helwan Kms.	Asyut 07h 00m Dir.	Asyut Kms.	Aswan 07h 00m Dir.	Aswan Kms.	Wadi Halfa 06h 00m Dir.	Wadi Halfa Kms.	Kareima 05h 00m Dir.	Kareima Kms.	Khartum 05h 40m Dir.	Khartum Kms.	Kassala 07h 00m Dir.	Kassala Kms.	El Obeid 06h 00m Dir.	El Obeid Kms.	Malakal 06h 00m Dir.	Malakal Kms.	Juba 06h 00m Dir.	Juba Kms.
200	340	2	310	19	70	6	40	14	60	34	50	15	—	—	—	—	10	37	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	Ent	Sc.	20	17	50	24	50	30	50	22	40	34	60	37	40	51	350	14	350	14	200	24	—	—	150	14	260	21
1000	290	3			340	25	20	32	40	34	350	37	10	41	40	29	50	55	20	23	360	13	210	40	220	43	170	24	270	31
1500	260	23			320	41	10	36	340	43	320	26			60	16	60	48	30	21			260	18	200	6	170	24	240	27
2000	260	24			300	31			280	37	280	37			50	37	70	26	10	18			310	5	20	26	170	24	220	21
3000											270	47					80	31	50	16			260	10					190	50
4000																			60	13										
5000																														
6000																														

Forecast for 24 hours from noon on 31st

Moderate to fresh winds between northwest and northeast.
Clear or occasional medium cloud
Temperature slightly below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢١

رياح ما بين المعتدلة والشديدة نوعا شمالية غربية الى شمالية شرقية
السماء صحو او يظهر بها احيانا بعض السحاب المتوسط
ودرجة الحرارة دون المعدل بقليل.

STATION	Mean of day Humidity % on 30th	Diff. from normal	Wet Bulb Temp. °C on 30th	Diff. from normal
Alexandria	77	+6	20.1	+1.3
Ezbekiya	51	-3	21.3	+1.0
Gîza	57	+4	21.2	+1.8
Helwân	27	-12	17.6	+1.0

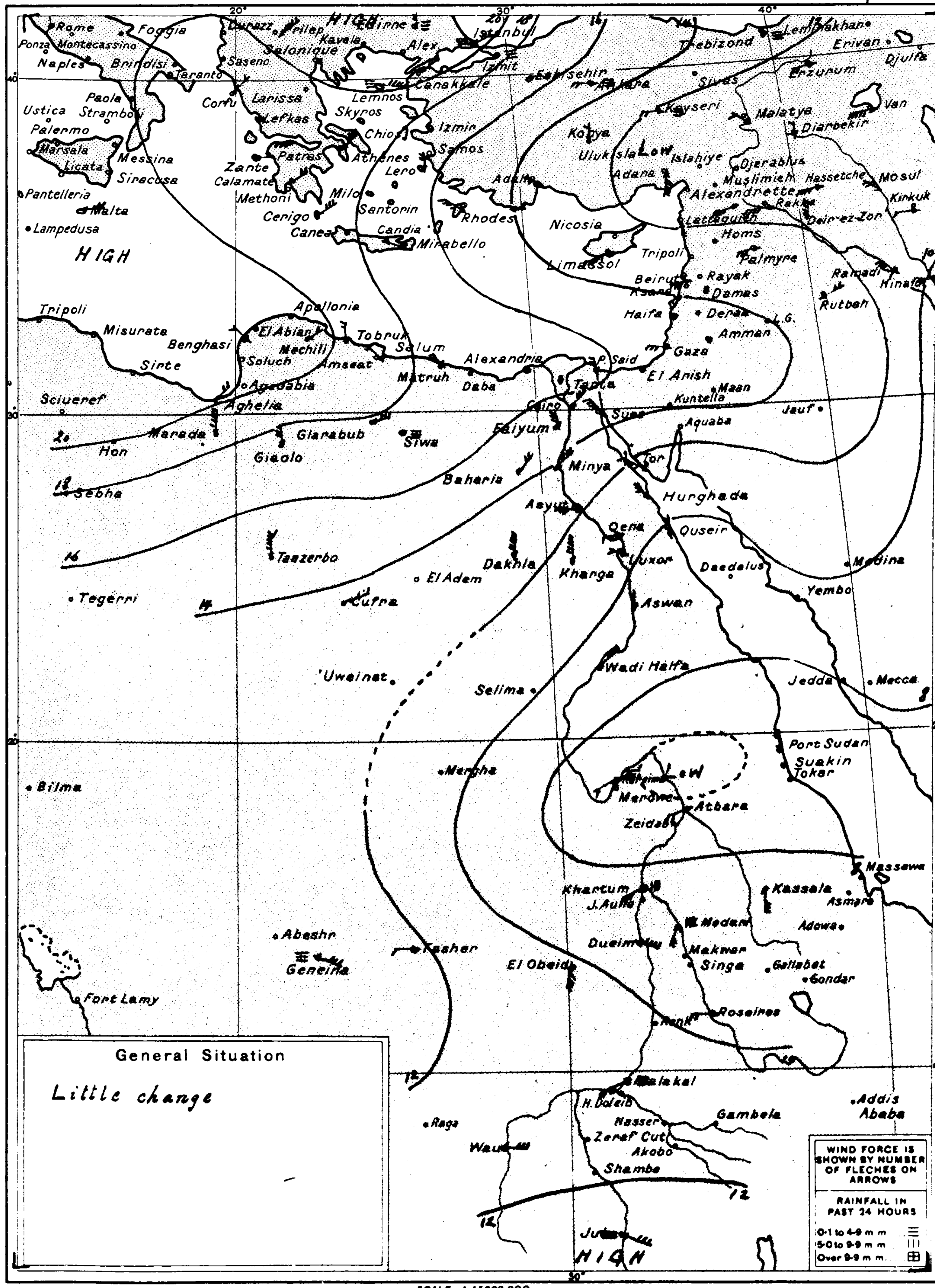
Gîza Grass minimum on 31st 16.8 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
31-5	1053	1273
30-5	1019	1271

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31-5	13.45	-0.05	13.46	-0.05
Nâsser	30-5	7.52	+0.55	7.50	+0.57
Malakâl	31-5	10.64	+0.16	10.60	+0.14
Roseires	31-5	13.35	+0.96	13.10	+0.73
Sennâr Res.	30-5	7.30	—	7.33	—
Khartûm	30-5	10.22	-0.19	10.22	-0.17
Kh. el Girba	30-5	10.82	+0.36	10.78	+0.32
Atbara	30-5	4.94	-0.12	4.95	-0.09
Kajnarti	30-5	131.48	-0.46	131.49	-0.46
Wâdi Halfa					
Aswân Res.	31-5	112.44	—	112.63	—
,, D. S.	31-5	85.91	-0.10	85.86	-0.13
El Leisi	31-5	17.58	+0.63	17.55	+0.62
Rôda (Cairo)	31-5	15.79	+0.33	15.79	+0.33

Pressure and Wind at 8h. 31-5-37.



General Situation

Little change

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS: 0·1 to 4·9 m m; 5·0 to 9·9 m m; Over 9·9 m m.

SCALE 1:15,000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear 0; ¼ Clouded 1; ½ Clouded 2; ¾ Clouded 3; Entirely clouded 4; Raining 5; Sand haze 6; Sand storm 7; Mist or Fog 8; Thunderstorm 9

VISIBILITY

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

CLOUD FORM

Cirrus Ci; Cirro-cumulus Cc; Cirro-stratus Cs; Alto-stratus As; Alto-cumulus Ac; Strato-cumulus Sc; Stratus St; Nimbus Nb; Nimbo-stratus Ns; Cumulus Cu; Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on 30th الساعة ٨ يوم ٣٠

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1013	+1	SW	3	24	—	—	—	—	—	—	J	—	—	—	—	—	—	ليماسول
Haifa	1015.1	+5.1	—	0	26.0	30	+1	19	+1	77	+12	0	—	—	—	0	365	645	حيفا
Gaza	1015.4	+4.6	—	0	24.1	34	+6	20	+4	82	+18	0	9	—	0	0	395	376	غزة

Remarks

ANNUAL SUBSCRIPTION — Inland Post P.T. 100; Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO. Time of sunrise h. m. 04 54 — sunset h. m. 18.51

Month *June* 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

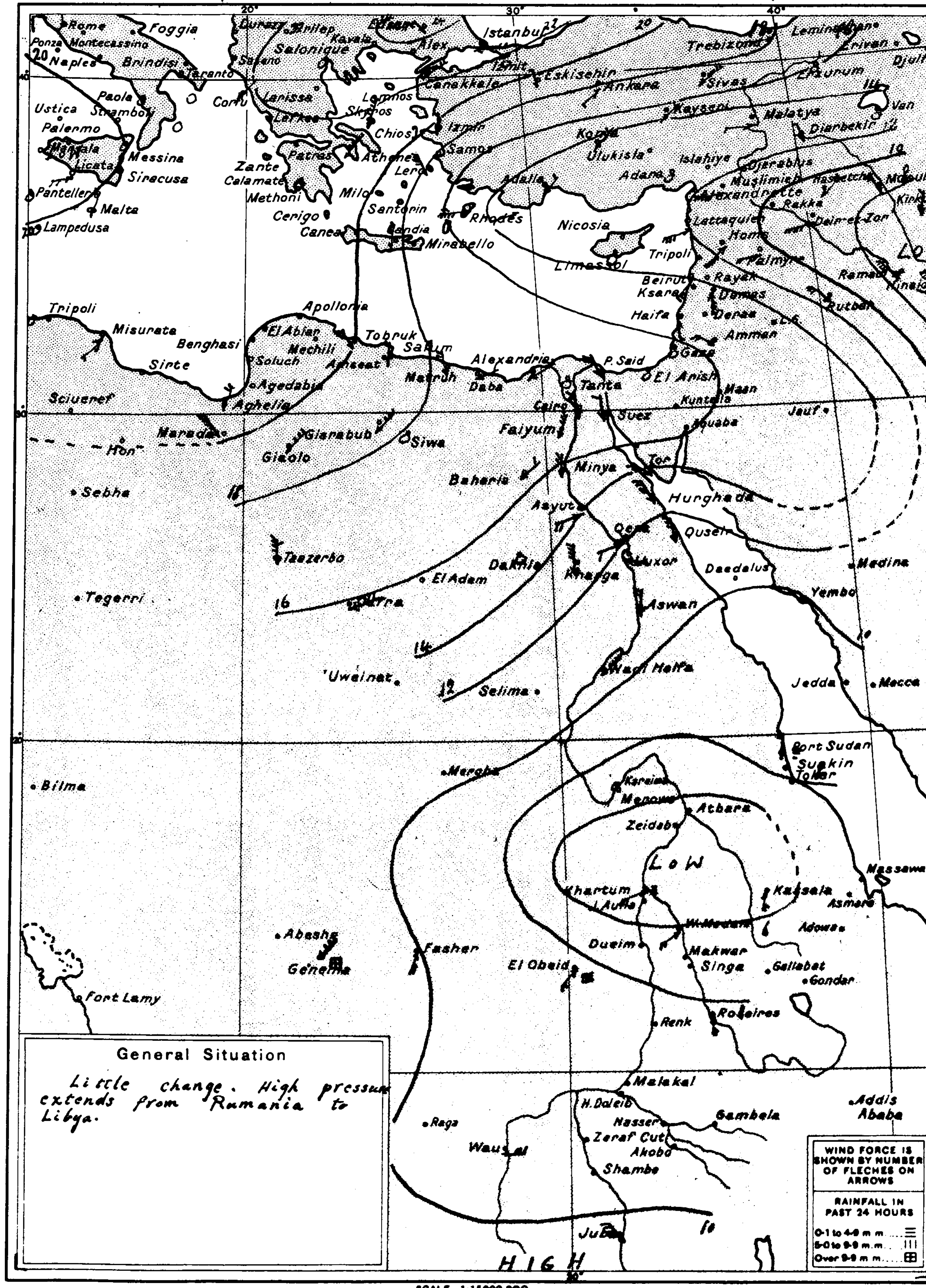
At 14h. on 31-5 الساعة ١٤ يوم ٣١-٥ — At 8h. on Tuesday 1st الساعة ٨ يوم الثلاثاء أول

Station	14h Bar. Pressure Reduced to M.S.L.	14h Wind Dir.	14h Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
[illegible]	[illegible]							[illegible]				[illegible]	33	—	16	—	81	—	1	6	Cu	0	0	105	—
[illegible]	[illegible]		3	[illegible]				[illegible]														1	0	182	158
[illegible]																						2	0	167	190
[illegible]																	[illegible]					0	0	75	116
[illegible]																		-6				0	0	38	81
[illegible]			3	24.5	80	[illegible]	[illegible]	[illegible]									8	—	2			1	0	—	—
[illegible]								1017.2	+4.0	NNE	2	23.7	30	-2	18	+2	66	+4	3	8	Cu	1	0	78	110
[illegible]								1016.6	—	NE	1	23.6	32	-1	17	0	66	+2	0	8	—	0	0	45	57
[illegible]	1015.6	NE	3	32.0	48	1	7	1016.8	+3.5	—	0	24.0	33	-1	16	-1	72	+12	1	7	Ac.	1	0	54	48
[illegible]ZIG	1015.4	NNW	3	33.2	34	0	8	1016.8	—	NE	1	24.2	33	0	16	-1	68	+4	0	8	Ci	1	0	20	28
MIDDLE EGYPT — CAIRO: Almâza	1015.4	NNW	3	32.9	23	0	7	1016.8	—	NE	2	22.9	33	—	17	—	67	—	0	8	—	0	0	—	—
CAIRO: Ezbekîya	1014.7	NE	3	33.6	30	0	8	1016.2	+3.9	N	2	25.3	35	+1	19	+1	64	+2	0	7	—	0	0	18	33
CAIRO: Gîza	1014.3	NNE	2	33.6	35	1	7	1016.2	+3.3	NE	1	23.0	34	0	18	+2	74	+12	0	6	—	0	0	16	30
143 Helwân	1014.6	NNW	6	32.4	21	0	6	1016.0	+3.3	N	2	23.7	34	0	19	0	57	+5	0	6	—	0	0	17	35
144 Suez								1016.3	+4.3	N	1	23.0	34	0	19	-1	96	+27	0	6	—	0	0	13	26
UPPER EGYPT — 153 Faiyûm	1014.4	N	5	33.7	22	0	8	1016.7	+4.0	NNE	3	25.1	35	0	20	+1	55	+4	0	8	—	0	0	6	11
154 Minya	1013.4	NNW	5	35.5	23	0	5	1015.6	+4.1	N	2	26.0	36	+1	20	+2	55	-1	0	9	—	0	0	16	—
155 Asyût	1011.5	NNW	3	38.0	13	0	8	1014.7	+3.3	WSW	2	29.0	40	+4	21	+1	44	+3	0	7	—	0	0	dr.	5
156 Qena	1009.1	NNE	2	43.0	12	2	7	1012.6	+2.9	WSW	1	31.1	44	+4	24	+2	37	-1	0	8	—	0	0	dr	—
157 Luxor	1008.8	NNE	2	42.9	34	2	8	1011.9	—	ESE	1	34.3	44	—	23	—	40	—	0	8	—	0	0	dr	—
158 Aswân	1006.8	N	3	43.5	13	1	8	1011.0	+1.0	N	2	33.0	45	+4	26	+2	22	-8	1	8	Cu	1	0	1	—
WESTERN DESERT — 148 Sîwa	1016.0	—	0	34.6	37	0	6	1017.8	+4.8	—	0	25.8	36	+1	19	+1	57	+4	0	6	—	0	0	29	7
149 Baharîya	1014.0	NE	1	35.6	37	0	9	1016.3	—	NE	1	26.0	36	—	20	—	57	—	0	9	—	0	0	26	—
151 Khârga	1010.4	N	3	40.3	14	0	9	1013.0	+2.6	N	4	30.6	41	+2	27	+5	46	+7	0	9	—	0	0	0	0
152 Dâkhla	1011.5	NNE	3	40.3	14	0	7	1014.3	+2.8	—	0	30.0	41	+1	25	+4	36	+3	0	8	—	0	0	dr	—
RED SEA — 145 Tôr								1013.4	+3.9	NW	3	25.6	34	+2	23	+2	63	-8	0	6	—	0	0	14	14
146 Hurghâda								1014.0	+4.0	NNW	4	29.0	35	+1	24	+2	60	+12	0	6	—	0	0	dr.	0
147 Quseir	1011.6	N	4	32.1	52	0	6	1011.8	+2.0	N	3	29.3	34	+1	26	+1	62	+17	0	6	—	0	0	1	7
169 Port Sudan								1008.4	+0.4	N	2	35.6	44	+7	26	+1	31	-9	0	—	—	0	dr.	42	109
NORTH SUDAN — 165 Wâdi Halfa								1010.8	+1.2	NNE	5	33.1	43	+3	29	+7	20	-1	6	6	Ci;Ac.	1	—	—	—
166 Kareima								1006.1	-2.3	—	0	36.0	47	+4	30	+5	35	+18	0	7	—	0	0	1	4
167 'Atbara																									
168 Khartûm								1004.7	-3.4	WSW	3	34.0	42	0	29	+3	33	+1	0	7	Ci	0	dr.	33	8
170 Kassala								1005.8	-2.8	S	2	33.5	42	+2	25	0	34	-8	0	8	—	0	0	30	25
CENTRAL SUDAN — 171 Wad Medani								1006.8	-1.5	WSW	2	32.8	41	0	24	0	39	+3	2	—	—	0	0	95	27
173 Dueim																									
182 Renk									—					—		—		—							
172 Roseires								1008.3	-1.9	SSE	2	30.9	37	0	24	+1	46	-11	2	—	—	0	0	97	111
174 El Obeid								1008.9	-0.9	SW	2	27.8	39	+1	20	-2	57	+7	1	8	Ci	0	19	57	34
175 El Fâsher								—	—	SSW	3	25.0	41	+2	24	+3	61	+23	2	1	—	0	0	0	16
S. SUDAN — 176 Malakâl																									
177 Wâu								1010.0	-0.2	E	3	27.4	36	+2	24	+3	74	-2	1	—	—	1	0	358	381
178 Jûba								1011.9	-0.2	NW	3	26.9	35	+2	23	+2	77	-5	3	8	Sc	1	0	529	403
179 Geneina / 180 Gallabat								—	+	NE	3	21.1	39	—	19	—	82	—	3	8	Ac	2	11	—	—

Upper Wind Observations on 1st — ارصاد الرياح العليا يوم أول

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Almaza 07h.15m. Dir.	Kms.	Cairo 07h.45m. Dir.	Kms.	Helwan 09h.15m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	Wadi Halfa 06h.00m. Dir.	Kms.	Kareima 08h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Kassala 06h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Geneina 06h.00m. Dir.	Kms.	Salum 12h.00m. Dir.	Kms.
200																														
[illegible]	[illegible]	[illegible]	[illegible]	10	70	14	50	10	340	13	—	—	—	—	30	37	—	—	—	—	—	—	—	—	—	—	—	—	40	18
[illegible]	[illegible]	[illegible]	[illegible]	10	50	20	40	17	20	6	30	26	30	37	60	60	60	18	270	24	200	16	—	—	290	8	—	—	—	—
[illegible]	[illegible]	[illegible]	[illegible]	6	340	24	0	29	350	27	350	30	40	48	70	58	50	24	290	19	180	5	260	21	290	8	—	—	290	26
[illegible]	[illegible]	[illegible]	[illegible]	Sc.	320	44			320	35	340	36	30	42	60	56	140	14	50	10	40	10	330	19	300	11	330	31	250	35
					300	54			300	42			30	36	80	45	140	27	70	11	50	27	40	11	300	8	350	14	260	20
					240	56											100	24					80	53	310	13	0	11		
																	100	29									30	37		
5000																														
6000																														

Pressure and Wind at 8h. 1-6-1937 ١-٦-١٩٣٧



General Situation

Little change. High pressure extends from Rumania to Libya.

WIND VELOCITY

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

PRESENT WEATHER

Clear 0; ¼ Clouded 1; ½ Clouded 2; ¾ Clouded 3; Entirely clouded 4; Raining 5; Sand haze 6; Sand storm 7; Mist or Fog 8; Thunderstorm 9

VISIBILITY

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

CLOUD FORM

Cirrus Ci; Cirro-cumulus Cc; Cirro-stratus Cs; Alto-stratus As; Alto-cumulus Ac; Strato-cumulus Sc; Stratus St; Nimbus Nb; Nimbo-stratus Ns; Cumulus Cu; Cumulo-nimbus Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Forecast for 24 hours from noon on 1st

Moderate northerly winds.
Clear or occasional medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر أول
رياح شمالية معتدلة
السماء صحو أو يظهر بها بعض السحاب المتوسط الارتفاع أحيانا
ولا تتغير درجة الحرارة إلا قليلا .

Station	Mean of day: Humidity % on 31-5	Diff. from normal	Wet bulb temp. °C on 31-5	Diff. from normal
Alexandria	77	+6	19.8	+0.9
Ezbekiya	54	0	20.8	+0.4
Gîza	60	+7	21.0	+1.6
Helwân	39	0	18.4	+1.7

Gîza Grass minimum on 1st 15.3 °C

Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
1-6	1100	1307
31-5	1053	1273

Gauge	Date 1937	Reading m.	Diff. from Normal m.	Previous day Reading m.	Previous day Diff. from Normal m.
Jûba	31-5	13.45	-0.05	13.46	-0.06
Nâsser	31-5	7.67	+0.53	7.52	+0.55
Malakâl	1-6	10.66	+0.16	10.64	+0.16
Roseires	1-6	13.16	+0.76	13.35	+0.96
Sennâr Res.	31-5	7.24	—	7.30	—
Khartûm	31-5	10.27	-0.16	10.22	-0.19
Kh. el Girba	31-5	10.61	+0.15	10.82	+0.36
'Atbara	31-5	9.94	-0.14	9.94	-0.12
Kajnarti	31-5	131.48	-0.46	131.48	-0.46
Wâdi Halfa					
Aswân Res.	1-6	112.24	—	112.44	—
,, D.S.	1-6	85.98	-0.05	85.91	-0.10
El Leisi	1-6	17.63	+0.69	17.58	+0.65
Rôda (Cairo)	1-6	15.79	+0.33	15.79	+0.33

At 8h. on 31-5-1937 الساعة ٨ يوم ٣١-٥-١٩٣٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rain Past 24 hours m.m.	Total fr. Oct. 1 m.m.	Normal fr. Oct. 1 m.m.	مرصد
Limassol	1013	+1	SW	5	24	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.6	+5.7	—	0	24.6	27	-2	20	+2	80	+15	0	—	—	—	0	366	645	حيفا
Gaza	1015.2	+4.5	—	0	24.0	32	+4	18	+1	77	+12	0	9	—	0	0	395	376	غزة
Ships	33321 — 26106 — 00000 — 19861 — 60000 — 52000																		سفن

Remarks

ANNUAL SUBSCRIPTION — Inland Post P.T. 100 — Abroad P.T. 150

[illegible] the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise h. m.

" sunset h. m.

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

Month *June* 1937 ١٩٣٧ شهر يونيه

DAILY WEATHER REPORT

١٩٣٧-٦-٢ Pressure and Wind at 8 h. *2. 6. 37*

At 14h. on *1st* الساعة ١٤ يوم ١ — At 8h. on *Wednesday 2nd* الساعة ٨ يوم الاربعاء ٢

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1019.2	NNE	3	22.1	64	0	8	1019.5	+5.8	N	4	20.6	25	—	16	—	68	—	3	7	Cu	2	0	105	—
131		MATRÛH	1017.4	NW	2	23.4	77	0	6	1016.8	+3.5	NW	4	21.3	24	-2	21	+4	78	+4	2	6	Cu	0	0	182	158
150		DIKHEILA														—		—		—							
132		ALEXANDRIA	1017.4	NW	4	26.3	60	0	8	1016.2	+3.0	NW	3	22.1	27	-1	20	+1	66	-5	2	8	Cu	2	0	167	190
159		DAMIETTA								1015.2	—	NNW	3	25.0	30	—	18	—	61	—	2	8	Cu	1	0	75	116
134		PORT SAÏD	1016.2	NNW	3	27.4	57	0	7	1015.2	+3.5	WNW	3	22.9	28	0	20	0	64	-4	1	7	Cu	1	0	38	81
135		EL 'ARÎSH	1015.0	NNW	4	24.8	77	0	7	1014.6	—	WSW	1	24.6	26	—	18	—	68	—	1	7	Cu	1	0	—	—
136	LOWER EGYPT	DAMANHÛR								1016.3	+3.2	NW	2	25.0	30	-2	17	0	56	-6	3	7	Cu	0	0	78	110
137		MANṢÛRA								1015.2	—	NNW	1	23.5	32	-2	16	-2	62	-2	1	7	Cs	1	0	45	57
138		ṬANṬA	1015.9	—	0	30.5	42	1	7	1016.0	+2.7	NW	1	24.0	32	-2	15	-3	67	+7	2	7	Ac	1	0	54	48
139		ZAGÂZÎG	1015.5	NNW	2	31.4	30	0	8	1016.2	—	NNW	2	23.9	31	-2	16	-1	57	-7	1	8	Cs	1	0	20	28
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1015.5	NNW	3	31.1	29	1	8	1016.4	—	NNE	3	22.9	32	—	16	—	66	—	2	8	Cu	1	0	—	—
	CAIRO	EZBEKÎYA	1015.1	NE	1	31.4	36	1	8	1015.8	+3.5	NNW	2	24.3	33	-1	19	+1	66	+4	2	7	Cu	1	0	18	33
	CAIRO	GÎZA	1014.4	N	2	31.8	34	0	7	1015.8	+3.0	NNE	1	22.8	32	-2	16	0	70	+8	2	5	Sc	1	0	16	30
143		ḤELWÂN	1014.4	NW	5	30.4	26	0	7	1015.8	+3.1	N	3	22.4	31	-3	18	-1	56	+4	0	6	Cu	0	0	17	35
144		SUEZ								1016.2	+4.2	N	2	23.5	32	-2	20	0	93	+24	0	6	Ci	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1014.8	N	2	32.2	26	1	8	1016.7	+4.0	NNE	3	23.7	33	-3	18	-1	58	+7	0	7	—	0	0	6	11
154		MINYA	1014.4	W	4	34.0	25	0	7	1015.1	+3.7	NNW	3	24.5	35	0	20	+2	55	-1	0	8	—	0	0	16	—
155		ASYÛṬ	1013.0	NW	3	36.0	17	0	8	1014.4	+3.0	N	3	28.0	38	+2	22	+1	39	-3	0	8	—	0	0	tr	5
156		QENA	1010.2	SW	2	40.6	21	0	9	1011.8	+2.2	WNW	1	30.6	42	+2	23	+1	33	-5	0	8	—	0	0	tr	—
157		LUXOR	1009.9	WSW	2	41.2	34	0	8	1011.5	—	ENE	1	33.8	43	—	22	—	40	—	0	8	—	0	0	tr	—
158		ASWÂN								1011.0	+1.1	NNE	1	32.0	44	+3	26	+2	28	-2	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1016.0	—	0	32.1	56	0	6	1018.4	+5.5	N	2	22.4	35	0	18	0	74	+21	0	6	—	0	0	29	7
149		BAḤARÎYA	1014.2	NNW	2	33.4	43	0	7	1016.8	—	NNE	2	24.0	35	—	19	—	60	—	0	7	—	0	0	26	—
151		KHÂRGA	1011.8	N	3	37.4	25	0	9	1012.8	+2.4	N	5	29.0	40	+1	25	+3	47	+8	0	9	—	0	0	0	0
152		DÂKHLA	1012.4	NE	1	37.0	24	0	7	1014.4	+3.0	—	0	29.0	40	0	24	+3	40	+9	0	8	—	0	0	tr	—
145	RED SEA	ṬÔR								1013.5	+4.1	NW	5	24.9	37	+5	23	+1	70	-2	0	6	—	0	0	14	14
146		HURGHÂDA								1013.5	+3.6	NNW	3	28.2	35	+1	23	+1	65	+17	0	7	—	0	0	tr	0
147		QUṢEIR	1012.8	NW	2	30.9	61	0	6	1013.4	+3.7	NNW	3	28.6	33	0	25	0	63	+18	0	6	—	0	0	1	7
169		PORT SUDAN								1007.0	-0.9	N	5	32.0	48?	+11	25	0	28	-12	6	—	—	—	0	42	109
165	NORTH SUDAN	WÂDI HALFA								1011.2	+1.6	NNE	3	31.4	43	+3	27	+5	27	+6	0	7	Ac	0	—	—	—
166		KAREIMA								1006.4	-2.0	ENE	4	36.0	46	+3	31	+6	10	-7	0	7	Cc	0	0	1	4
167		'AṬBARA								1005.6	-1.7	ENE	3	36.0	46	+4	29	+3	23	+8	0	—	—	0	0	5	8
168		KHARṬÛM								1006.4	-1.7	S	2	32.5	45	+4	29	+3	39	+7	6	6	—	0	0	33	8
170		KASSALA								1005.3	-3.4	—	0	35.7	43	+3	32	+7	20	-22	2	8	Ac	0	0	30	26
171	CENTRAL SUDAN	WAD MEDANI								1007.1	-1.2	—	0	32.8	43	+2	23	-1	33	-3	0	—	—	0	tr	95	28
173		DUEIM								1007.0	-2.0	NE	3	31.4	43	+3	25	+2	44	+3	0	—	—	0	0	47	25
182		RENK									—					—		—		—							
172		ROṢEIRES								1006.8	-3.4	W	2	30.8	40	+3	25	+2	46	-11	1	—	—	0	0	97	115
174		EL OBEID								1008.4	-1.5	SW	3	27.8	39	+1	23	+1	60	+9	0	8	—	9	9	66	35
175		EL FÂSHER								—	—	SE	3	26.0	42	+3	23	+2	44	+5	2	—	—	0	0	0	17
176	S. SUDAN	MALAKÂL								1007.9	-3.3	W	4	26.9	38	+4	24	+2	58	-14	3	8	Cu,Nb	0	0	145	212
177		WÂU								1008.6	-1.6	W	3	27.0	37	+3	23	+2	66	-10	1	—	—	1	0	358	387
178		JÛBA								1011.9	-0.3	SE	3	25.0	36	+3	22	+1	76	-6	4	8	Cu,Ci	1	0	529	408
179 180		*Geneina* *Gallabat*								—	—	W	1	24.7	36	—	19	—	61	—	2	8	Ci	2	0	—	—

Upper Wind Observations on *2nd* ارصاد الرياح العليا يوم ٢

Height metres above M.S.L.	*Salum* 07h. 00m. Dir. E. of N.	Kms. per hour	*Matruh* 07h. 00m. Dir.	Kms.	*Almaza* 07h. 15m. Dir.	Kms.	*Cairo* 08h. 00m. Dir.	Kms.	*Helwan* 08h. 30m. Dir.	Kms.	*Asyut* 07h. 00m. Dir.	Kms.	*Aswan* 07h. 00m. Dir.	Kms.	*W. Halfa* 06h. 00m. Dir.	Kms.	*Kareima* 05h. 00m. Dir.	Kms.	*Khartum* 05h. 00m. Dir.	Kms.	*Kassala* 07h. 00m. Dir.	Kms.	*El Obeid* 06h. 00m. Dir.	Kms.	*Malakal* 06h. 00m. Dir.	Kms.	*Juba* 06h. 00m. Dir.	Kms.	*Geneina* 06h. 00m. Dir.	Kms.
200	0	25	320	38	0	8	10	17	0	32	—	—	—	—	30	42	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	320	34	350	4	350	17	10	18	30	31	30	24	50	26	70	53	220	21	180	10	—	—	250	31	270	35	—	—
1000	340	30	320	26	330	25	330	19	30	16	0	39	10	32	50	60	80	63	200	24	160	11	260	24	230	34	270	47	—	—
1500	340	34	[illegible]		[illegible]		320	37	320	33	340	28	0	28	40	55	70	71	280	14	140	14	290	21	220	26	280	23	200	10
2000									300	47	320	31	10	30	40	43			120	8	120	24			200	14	270	5	0	19
3000																											190	19	0	48
4000																													50	47
5000																														
6000																														

Forecast for 24 hours from noon on *2nd*

Moderate winds between northwest and northeast, fresh at times. Occasional medium cloud. Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢
رياح معتدلة ما بين الشمالية الغربية والشمالية الشرقية تشتد أحيانا
ويظهر سحاب متوسط أحيانا
ويبقى الطقس مائلا للبرودة

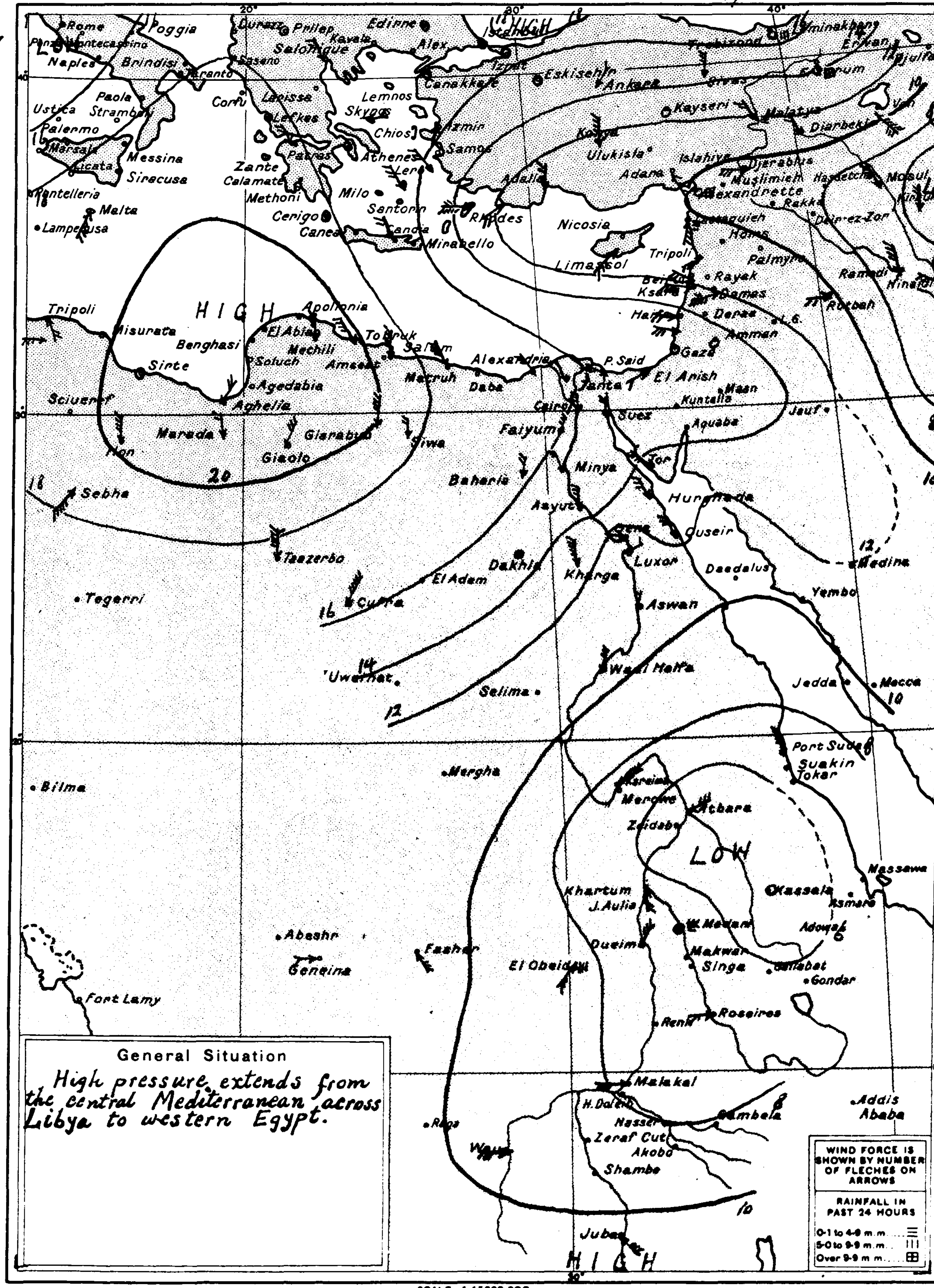
STATION	Mean of day Humidity % on *1st*	Diff. from normal	Wet Bulb Temp. °C on *1st*	Diff. from normal
Alexandria	71	-1	19.8	+0.8
Ezbekiya	58	+4	20.8	+0.3
Gîza	60	+7	19.8	+0.3
Helwân	44	+4	18.2	+1.4

Gîza Grass minimum on *2nd* *12.9* °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
2.6	110.1	133.1
1.6	110.0	130.7

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1.6	13.42	-0.08	13.45	-0.05
Nâṣser	1.6	7.74	+0.65	7.57	+0.52
Malakâl	2.6	10.67	+0.15	10.66	+0.16
Roseireș	2.6	12.80	+0.39	13.16	+0.76
Sennâr Res.	1.6	7.36	—	7.24	—
Kharṭûm	1.6	10.42	-0.03	10.27	-0.16
Kh. el Girba	1.6	10.50	+0.04	10.61	+0.15
'Aṭbara	2.6	9.92	-0.14	9.94	-0.15
Kajnarti	1.6	131.48	-0.45	131.47	-0.46
Wâdi Halfa					
Aswân Res.	2.6	112.02	—	112.24	—
" D. S.	2.6	86.00	-0.05	85.98	-0.05
El Leisi	2.6	17.60	+0.65	17.63	+0.69
Rôda (Cairo)	2.6	15.29	+0.33	15.29	+0.32



General Situation

High pressure extends from the central Mediterranean across Libya to western Egypt.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

At 8 h. on *1. 6. 37* الساعة ٨ يوم ١-٦-٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1013	+2	—	0	25	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.6	+5.8	SSE	1	25.4	27	-2	20	+2	82	+17	0	—	—	—	0	365	645	حيفا
Gaza	1015.8	+5.1	—	0	23.1	30	+2	18	+1	78	+13	2	5	—	1	0	395	376	غزة

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION

Inland Post P.T 100

Abroad P.T 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise h. 04 m. 53
sunset h. 18 m. 52

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

DAILY WEATHER REPORT

Month *June*, 1937 ١٩٣٧ شهر يونيه ١٩٣٧-٦-٣ Pressure and Wind at 8 h. *3-6-1937*

At 14h. on 2nd — الساعة ١٤ يوم ٢

		STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
130	MEDITERRANEAN	SALÛM	1018.8	NNE	5	22.4	71	1	8
131		MATRÛH	1017.1	NNW	4	22.8	70	1	6
150		DIKHEILA	1016.5	NW	4	23.0	60	1	—
132		ALEXANDRIA	1016.4	NW	5	23.8	54	0	8
159		DAMIETTA							
134		PORT SAÏD	1014.7	NW	6	26.1	54	0	7
135		EL 'ARÎSH	1014.2	NNW	3	25.0	74	0	7
136	LOWER EGYPT	DAMANHÛR							
137		MANSÛRA							
138		TANTA	1015.0	NW	3	27.3	42	0	7
139		ZAGÂZÎG	1014.4	NW	2	29.0	37	1	8
141	MIDDLE EGYPT	CAIRO ALMÂZA	1015.0	WNW	3	29.1	27	2	8
		CAIRO EZBEKÎYA	1013.8	NW	2	29.4	35	1	8
		CAIRO GÎZA	1013.6	NNW	2	30.0	32	1	7
143		HELWÂN	1013.5	NW	5	28.6	23	1	8
144		SUEZ							
153	UPPER EGYPT	FAIYÛM	1014.3	NNW	4	30.3	24	1	8
154		MINYA	1014.6	NNW	4	31.5	28	1	6
155		ASYÛT	1012.8	NW	3	32.8	20	2	8
156		QENA	1010.4	W	2	37.3	22	2	9
157		LUXOR	1009.6	WNW	3	37.5	35	2	8
158		ASWÂN							
148	WESTERN DESERT	SÎWA	1016.2	—	0	30.0	27	0	6
149		BAHARÎYA	1014.7	NNW	3	29.8	50	1	9
151		KHÂRGA	1011.1	N	3	35.8	35	0	9
152		DÂKHLA	1013.3	NNW	2	33.7	17	0	8
145	RED SEA	TÛR							
146		HURGHÂDA							
147		QUSEIR	1012.0	N	4	30.5	59	0	6
169		PORT SUDAN							
165	NORTH SUDAN	WÂDI HALFA	1008.8	N	6	39	—	0	7
166		KAREIMA	1003.5	NE	4	34	—	0	7
167		'ATBARA	1002.2	ENE	3	33.7	—	0	—
168		KHARTÛM	1002.0	NNW	4	43	—	0	8
170		KASSALA	1005.1	W	2	34	—	4	8
171	CENTRAL SUDAN	WAD MEDANI							
173		DUEIM	1003.8	NNE	3	39.0	—	0	—
182		RENK							
172		ROSEIRES	1003.9	NE	3	38.5	—	0	—
174		EL OBEID							
175		EL FÂSHER	—	N	1	41.0	—	0	—
176	S. SUDAN	MALAKÂL	1003.9	S	3	38	—	4	8
177		WÂU	1000.8	SE	3	36.5	—	1	—
178		JUBA	1006.9	SE	3	38	—	2	8
179		Genêina							
180		Gallabat	—	W	3	35.6	—	0	—

At 8h. on *Thursday 3rd* — الساعة ٨ يوم ٣

	STATION	BAR. PRESSURE Reduced to M.S.L. m.b.	BAR. PRESSURE Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM Today °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.
130	SALÛM	1018.3	+4.6	NW	3	19.0	26	—	15	—	87	—	0	5	—	4	0	105	—
131	MATRÛH	1016.3	+3.0	WNW	5	21.4	23	-3	18	+1	78	+4	3	6	Cu	1	0	182	158
150	DIKHEILA	1016.4	—	WNW	3	22.6	23	—	20	—	68	—	0	8	—	0	0	—	—
132	ALEXANDRIA	1016.4	+3.3	WNW	2	22.0	25	-3	20	+1	70	-1	0	9	—	0	0	167	190
159	DAMIETTA	1015.6	—	SW	1	23.9	27	—	17	—	61	—	2	8	Ac	1	0	75	116
134	PORT SAÏD	1015.9	+4.3	WSW	3	22.4	27	-1	19	-1	67	-1	1	7	Ac	1	0	38	81
135	EL 'ARÎSH	1015.6	—	WSW	1	23.3	26	—	18	—	72	—	4	6	Cu	1	0	—	—
136	DAMANHÛR	1016.3	+3.3	N	1	24.5	27	-5	16	-1	53	-9	0	7	Ci	0	0	78	112
137	MANSÛRA	1016.2	—	NW	1	22.6	29	-5	15	-3	60	-4	1	7	Cs	1	0	45	57
138	TANTA	1016.6	+3.4	—	0	23.9	29	-5	12	-6	54	-6	0	7	—	0	0	54	48
139	ZAGÂZÎG	1016.4	—	SW	1	22.9	29	-4	14	-3	60	-5	1	8	Cs	1	0	20	28
141	CAIRO ALMÂZA	1017.0	—	NW	2	21.4	30	—	14	—	59	—	3	8	Sc	2	0	—	—
	CAIRO EZBEKÎYA	1016.4	+4.1	—	0	23.6	30	-4	17	-1	56	-6	1	6	Ce	0	0	18	33
	CAIRO GÎZA	1016.4	+3.6	N	1	22.0	31	-3	13	-3	60	-2	3	5	Sc	2	0	16	30
143	HELWÂN	1016.7	+4.0	N	2	20.3	29	-5	16	-3	57	+5	0	6	Sc	0	0	17	35
144	SUEZ	1016.7	+4.8	N	1	22.0	31	-3	18	-2	81	+12	0	6	Ci	0	0	13	26
153	FAIYÛM	1017.8	+5.2	NNE	2	22.3	31	-5	15	-4	57	+5	2	8	Cu	1	0	6	11
154	MINYA	1016.7	+5.3	N	3	22.0	32	-3	17	-1	58	+2	0	8	—	0	0	16	—
155	ASYÛT	1016.3	+5.0	NW	2	24.0	33	-3	18	-3	42	0	0	8	—	0	0	dr	5
156	QENA	1014.0	+4.4	NNE	3	27.5	37	-3	20	-2	35	-3	1	7	Cu	1	0	dr	—
157	LUXOR	1013.8	—	NNW	3	28.7	39	—	21	—	48	—	1	8	Cu	1	0	dr	—
158	ASWÂN	1012.2	+2.4	N	5	28.0	41	0	24	0	33	+3	0	8	—	0	0	1	—
148	SÎWA	1018.3	+5.4	—	0	23.9	32	-3	15	-3	76	+23	0	6	—	0	0	29	7
149	BAHARÎYA	1017.8	—	N	2	20.4	31	—	15	—	73	—	0	9	—	0	0	26	—
151	KHÂRGA	1016.0	+5.7	N	4	25.8	36	-3	22	-1	56	+17	0	9	—	0	0	0	0
152	DÂKHLA	1017.0	+5.6	—	0	26.9	35	-5	21	0	33	0	0	8	—	0	0	dr	—
145	TÛR	1014.2	+4.9	NW	6	23.7	33	+1	23	+1	65	-7	0	6	—	0	0	14	14
146	HURGHÂDA	1014.6	+4.8	NNW	4	25.4	32	-2	21	-1	73	+25	0	6	—	0	0	dr	0
147	QUSEIR																		
169	PORT SUDAN	1007.4	-0.4	N	8	33.7	46	+9	24	-1	36	-4	7	—	—	—	0	42	109
165	WÂDI HALFA	1013.9	+4.4	N	6	28.2	40	0	24	+2	33	+12	0	5	—	0	—	—	—
166	KAREIMA	1007.6	-0.8	NE	4	34.0	45	+2	28	+3	27	+5	0	8	Ac	0	0	1	4
167	'ATBARA	1006.3	-0.9	NE	5	36.0	45	+3	28	+2	20	+5	0	—	—	0	0	5	8
168	KHARTÛM	1006.0	-2.1	WNW	2	32.9	45	+4	29	+3	34	+1	6	6	—	0	0	33	9
170	KASSALA	1004.3	-4.4	ESE	1	33.0	44	+4	26	+1	39	-4	0	8	Ac	0	0	30	27
171	WAD MEDANI	1006.0	-2.4	S	2	32.9	43	+2	28	+4	34	-3	1	—	—	0	0	95	30
173	DUEIM	1006.0	-3.0	SW	4	30.8	44	+4	27	+4	41	0	0	—	—	0	dr	47	26
182	RENK																		
172	ROSEIRES	1006.7	-3.6	WSW	2	28.2	40	+3	23	+1	55	-3	2	—	—	1	3	100	119
174	EL OBEID	1008.4	-1.5	SW	4	28.0	40	+2	23	+1	51	0	3	8	Cu Sc	1	dr	66	36
175	EL FÂSHER	—	—	SW	1	27.5	43	+4	25	+4	57	+18	0	—	—	0	0	0	17
176	MALAKÂL																		
177	WÂU	1009.8	-0.5	NW	3	22.5	37	+3	21	0	83	+6	5	—	—	6	21	379	392
178	JUBA																		
179	Genêina																		
180	Gallabat	—	—	S	3	24.6	35	—	22	—	61	—	3	8	Sc	2	0	—	—

Upper Wind Observations on 3rd — ارصاد الرياح العليا يوم ٣

Height metres above M.S.L.	Salum 07h.00m. Dir. E of N.	Kms. per hour	Matruh 07h.00m. Dir. E of N.	Kms. per hour	Dikheila 06h.15m. Dir. E of N.	Kms. per hour	Almaza 08h00m. Dir. E of N.	Kms. per hour	Cairo 08h.30m. Dir. E of N.	Kms. per hour	Helwan 08h30m. Dir. E of N.	Kms. per hour	Asyut 07h00m. Dir. E of N.	Kms. per hour	Aswan 07h00m. Dir. E of N.	Kms. per hour	Wadi Halfa 06h00m. Dir. E of N.	Kms. per hour	Khartum 06h00m. Dir. E of N.	Kms. per hour	Kassala 06h00m. Dir. E of N.	Kms. per hour	El Obeid 06h00m. Dir. E of N.	Kms. per hour	Genêina 06h00m. Dir. E of N.	Kms. per hour	Ismailia 03h00m. Dir. E of N.	Kms. per hour	Salum 2nd 13h00m. Dir. E of N.	Kms. per hour
200	320	10	300	19	300	24	0	12	340	10	10	24	—	—	—	—	30	24	—	—	—	—	—	—	—	—	280	8	20	34
500	—	—	310	29	330	20	350	14	340	7	0	10	0	46	0	46	10	43	250	26	110	14	—	—	—	—	300	6	—	—
1000	340	18	entered La		0	39	340	11	340	24	340	19	350	43	10	43	350	42	250	34	130	24	250	24	—	—	310	8	330	50
1500	320	38			290	31	340	21	350	23	10	10	0	30	0	84	330	58	240	24	—	—	270	13	330	27	340	24	310	44
2000	320	41			300	32	340	32	340	29	0	21					340	63	90	24	80	14	250	11	290	21				
3000					320	45	310	32			330	33											40	24	0	27				
4000											310	45													50	24				
5000																														
6000																														

Forecast for 24 hours from noon on 3rd

Moderate winds between northwest and northeast.
Occasional medium cloud
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٣
رياح معتدلة بين شمالية غربية وشمالية شرقية
نظم بعض السحاب المتوسط الارتفاع احيانا
ولا تتغير درجة الحرارة الا قليلا .

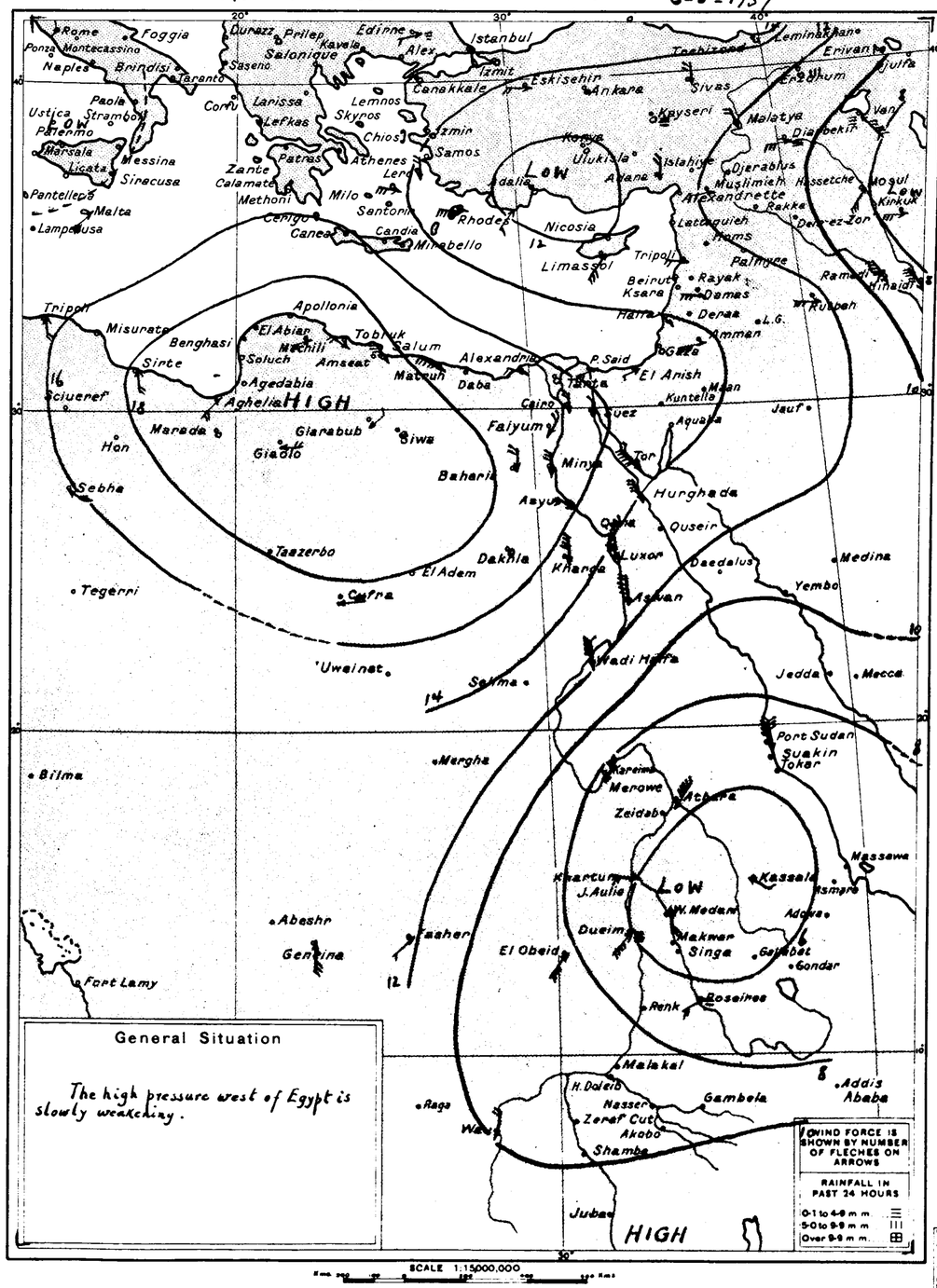
STATION	Mean of day HUMIDITY % on 2nd	Diff from normal	WET BULB TEMP. °C on 2nd	Diff from normal
Alexandria	63	-9	17.7	-1.4
Ezbekiya	57	+3	18.9	-1.7
Giza	58	+5	18.4	-1.2
Helwân	42	+2	16.2	-0.6

Giza Grass minimum on 3rd 9.8 °C

Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
3-6	1101	1356
2-6	1101	1331

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2-6	13.40	-0.10	13.42	-0.08
Nâsser	2-6	7.72	+0.56	7.74	+0.65
Malakâl	3-6	10.72	+0.17	10.87	+0.15
Roseires	3-6	12.64	+0.21	12.80	+0.39
Sennâr Res.	2-6	9.27	—	7.26	—
Khartûm	2-6	10.66	+0.18	10.42	-0.03
Kh. el Girba	2-6	10.68	+0.29	10.50	+0.04
'Atbara	3-6	9.90	-0.22	9.92	-0.16
Kajnarti	3-6	131.57	-0.40	131.48	-0.45
Wâdi Halfa	2-6	1.31	-0.04	1.31	-0.05
Aswân Res.	3-6	111.76	—	112.02	
" D.S.	3-6	86.00	-0.08	86.00	-0.05
El Leisi	3-6	17.58	+0.62	17.60	+0.65
Rôda (Cairo)	3-6	1.579	+0.32	1.579	+0.33



General Situation

The high pressure west of Egypt is slowly weakening.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0·1 to 4·9 m.m. ☰
5·0 to 9·9 m.m. III
Over 9·9 m.m. ⊞

STATION	BAR. PRESSURE Reduced to M.S.L. m.b	BAR. PRESSURE Diff. from normal m.b	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	MAXIMUM Yesterday °C	MAXIMUM Diff. from norm. °C	MINIMUM To day °C	MINIMUM Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 24 hours m.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1011	0	SW	3	24	—	—	—	—	—	—	0	—	—	—	—	—	—	لى سوله
Haifa	1013.1	+3.3	WNW	2	24.7	27	-2	20	+2	82	+17	0	—	—	—	0	365	645	حيفا
Gaza	1014.6	+3.9	—	0	23.8	29	+1	18	+1	68	+3	2	5	—	1	0	395	376	غزة
Ships	53121	46506	17400	04890	30000	30000	65307												سفن

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

The Readings of Wadi Halfa are now not affected by Aswan Reservoir. Its readings will therefore be published from June 1st onwards.

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible 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 FORM

Cirrus	Ci
Cirro-cumulus	Co
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	So
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

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CAIRO

Time of sunrise h. 04 m. 53
sunset h. 18 m. 53

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

Month *June* 1937 ١٩٣٧ شهر يونيه

DAILY WEATHER REPORT

No.	Region	Station	At 14h. on 3rd (الساعة ١٤ يوم): Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Friday 4th (الساعة ٨ يوم الجمعة): Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1017.1	NNE	3	24.5	59	0	9	1017.5	+3.9	N	1	22.0	28	—	17	—	56	—	0	6	—	0		105	—
131	Mediterranean	MATRÛH	1016.2	NNW	4	23.2	78	0	6	1016.4	+3.1	NW	2	21.3	24	-2	19	+1	85	+11	0	6	—	0	0	182	158
150	Mediterranean	DIKHEILA	1016.3	WNW	4	24.0	76	0	8	1016.3	—	NW	1	22.7	25	—	18	—	74	—	2	7	Cu	0	0	—	—
132	Mediterranean	ALEXANDRIA	1015.8	NW	5	25.3	63	1	9	1016.4	+3.3	NW	1	22.6	27	-1	19	0	74	+3	2	8	Cu	2	0	167	190
159	Mediterranean	DAMIETTA								1015.8	—	WSW	1	25.0	29	—	17	—	68	—	2	8	Cu	1	0	75	116
134	Mediterranean	PORT SAÎD	1015.1	NNW	4	27.3	52	0	7	1015.9	+4.3	NE	3	23.5	28	0	18	-2	56	-12	0	7	As	0	0	38	81
135	Mediterranean	EL 'ARÎSH	1015.6	NNW	3	24.3	76	0	7	1015.8	—	NNE	1	23.0	26	—	15	—	72	—	0	7	0	1	0	—	—
136	Lower Egypt	DAMANHÛR								1016.4	+3.5	NNE	1	24.3	29	-3	16	-1	66	+4	2	7	Cu	0	0	78	110
137	Lower Egypt	MANSÛRA								1015.8	—	NE	1	23.0	31	-3	16	-2	66	+2	1	7	Cc	1	0	45	57
138	Lower Egypt	TANTA	1015.9	NW	3	29.0	49	0	7	1016.0	+2.9	—	0	25.5	31	-3	18	0	65	+5	0	7	—	0	0	54	48
139	Lower Egypt	ZAGÂZÎG	1014.6	NNW	2	29.1	40	0	8	1016.2	—	NE	1	23.4	30	-3	16	-1	69	+4	0	8	Ci	1	0	20	28
·1	Middle Egypt (Cairo)	ALMÂZA	1015.0	WNW	3	29.8	32	0	8	1015.8	—	NE	3	23.1	31	—	15	—	47	—	1	8	Sc	1	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1014.2	NE	1	29.3	42	0	8	1015.4	+3.2	NE	2	24.6	32	-2	17	-1	48	-14	0	—	—	0	0	18	33
	Middle Egypt (Cairo)	GÎZA								1014.8	+2.1	NNE	2	22.8	31	-3	15	-1	51	-11	0	6	—	0	0	16	30
143	Middle Egypt	HELWÂN	1014.0	—	0	28.0	31	0	6	1015.6	+3.0	NNE	4	22.4	29	-5	17	-2	42	-10	0	7	—	0	0	17	35
144	Middle Egypt	SUEZ								1015.5	+3.6	NW	3	24.0	30	-4	19	-1	68	+17	0	6	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1014.6	NNW	2	29.5	28	1	8	1017.5	+4.9	NNE	3	23.9	31	-5	15	-4	47	-5	0	8	—	0	0	6	11
154	Upper Egypt	MINYA	1014.1	NE	4	29.5	29	2	7	1014.8	+3.5	NNW	3	23.3	31	-4	18	-1	54	-2	0	9	—	1	0	16	—
155	Upper Egypt	ASYÛT	1013.0	NW	3	30.6	17	0	8	1014.2	+2.9	NW	3	24.8	33	-3	17	-4	32	-15	0	8	—	0	0	dr.	5
156	Upper Egypt	QENA	1010.2	NE	3	35.2	13	2	9	1011.6	+2.1	W	1	26.0	37	-3	19	-3	30	-8	0	8	—	0	0	dr.	—
157	Upper Egypt	LUXOR	1009.9	NNE	2	35.8	33	1	8	1011.8	—	WNW	1	28.4	38	—	15	—	40	—	0	8	—	0	0	dr.	—
158	Upper Egypt	ASWÂN								1010.6	+0.9	N	3	28.0	37	-4	21	-3	23	-7	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1016.3	W	1	—	22	0	6	1018.4	+5.6	—	0	22.9	33	-2	14	-4	68	-15	0	6	—	0	0	29	7
149	Western Desert	BAHARÎYA	1014.8	NW	1	29.0	24	0	9	1016.2	—	NNW	1	22.2	31	—	15	—	51	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1012.2	N	4	32.0	47	0	9	1013.4	+3.2	N	5	27.3	33	-6	21	-2	62	+39	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1013.4	NNW	2	31.2	17	0	8	1015.4	+4.1	—	0	26.0	33	-7	19	-2	39	+6	0	8	—	0	0	dr.	—
145	Red Sea	TOR								1011.9	+2.7	NW	4	24.6	29	-3	22	0	63	-9	0	6	—	0	0	14	14
146	Red Sea	HURGHÂDA								1012.3	+2.6	NNW	4	26.4	30	-4	20	-2	42	-6	2	5	Cu	1	0	dr	0
147	Red Sea	QUSEIR	1012.4	N	4	28.5	66	0	6	1011.6	+2.1	N	4	28.0	30	-3	24	-1	64	+19	0	5	—	0	0	1	7
169	Red Sea	PORT SUDAN								1008.0	+0.3	N	2	32.0	—	—	23	-2	41	+1	0	—	—	0	0	42	109
165	North Sudan	WÂDI HALFA								1012.5	+3.0	N	6	25.6	39	-1	21	-1	26	+5	0	7	—	0	—	—	—
166	North Sudan	KAREIMA								1008.7	+0.3	N	4	31.0	42	-1	26	+1	9	-8	0	8	—	0	0	1	4
167	North Sudan	'ATBARA								1007.8	+0.6	N	3	33.0	44	+2	28	+2	29	+13	0	—	—	0	0	5	8
168	North Sudan	KHARTÛM								1007.7	-0.5	—	0	31.0	44	+3	27	+1	22	-11	2	8	Ci	1	0	33	9
170	North Sudan	KASSALA								1006.7	-2.1	SSE	5	32.0	42	+2	24	-1	28	-15	0	6	—	0	0	30	28
171	Central Sudan	WAD MEDANI								1008.3	-0.1	WSW	5	30.7	42	+1	26	+2	44	+6	1	—	—	0	0	95	31
173	Central Sudan	DUEIM								1009.4	+0.3	S	4	30.2	43	+3	27	+4	48	+6	0	—	—	0	0	47	27
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1011.4	+1.0	SW	2	25.4	39	+2	22	0	64	+6	3	—	—	1	0	100	123
174	Central Sudan	EL OBEID								1009.9	0.0	SW	4	28.0	42	+4	25	+3	63	+11	4	8	Cs.	1	0	66	37
175	Central Sudan	EL FÂSHER								—	—	SW	1	28.0	42	+3	24	+3	44	+4	0	—	—	0	0	0	18
176	S. Sudan	MALAKÂL								1011.2	-0.1	WSW	4	21.9	35	+1	21	-1	91	+18	4	8	Cb	8	42	192	222
177	S. Sudan	WÂU								1012.6	+2.3	NE	2	24.2	27	-7	21	0	82	+5	3	—	—	1	0	379	398
178	S. Sudan	JÛBA								1016.4	+4.2	E	4	21.7	25	-8	20	-1	91	+9	4				18	572	418
179		Geneina								—	—	SW	3	23.6	36	—	20	—	67	—	4	8	Cs	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 4th ارصاد الرياح العليا يوم ٤

Height metres above M.S.L.	Dikheila 07h.00m Dir. E. of N.	Kms per hour	Almaza 07h.15m Dir. E. of N.	Kms per hour	W.Halfa 06h.00m Dir. E. of N.	Kms per hour	Kareima 05h.00m Dir. E. of N.	Kms per hour	Khartum 05h.00m Dir. E. of N.	Kms per hour	Kassala 07h.00m Dir. E. of N.	Kms per hour	Obeid 06h.00m Dir. E. of N.	Kms per hour	Juba 07h.00m Dir. E. of N.	Kms per hour	Geneina 06h.00m Dir. E. of N.	Kms per hour
200	260	12	70	13	0	34	—	—	—	—	—	—	—	—	—	—	—	—
500	10	18	50	22	0	71	10	51	220	40	180	27	—	—	150	24	—	—
1000	10	24	350	18	10	63	20	35	210	34	220	43	240	56	150	42	—	—
1500	10	22	10	6	10	53	350	29	220	27	230	24	220	58	140	84	0	19
2000	320	22	330	6	40	42	0	47	230	27			50	24	160	50	80	40
3000	320	29	300	10	70	66	290	18	260	13							90	50
4000					50	31												
5000																		
6000																		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 3rd	Diff. from normal	Wet bulb temp. °C on 3rd	Diff. from normal
Alexandria	73	+1	19.4	+0.2
Ezbekiya	50	-4	19.3	-1.4
Giza	53	+2	18.8	-0.9
Helwân	41	+1	16.7	-0.2

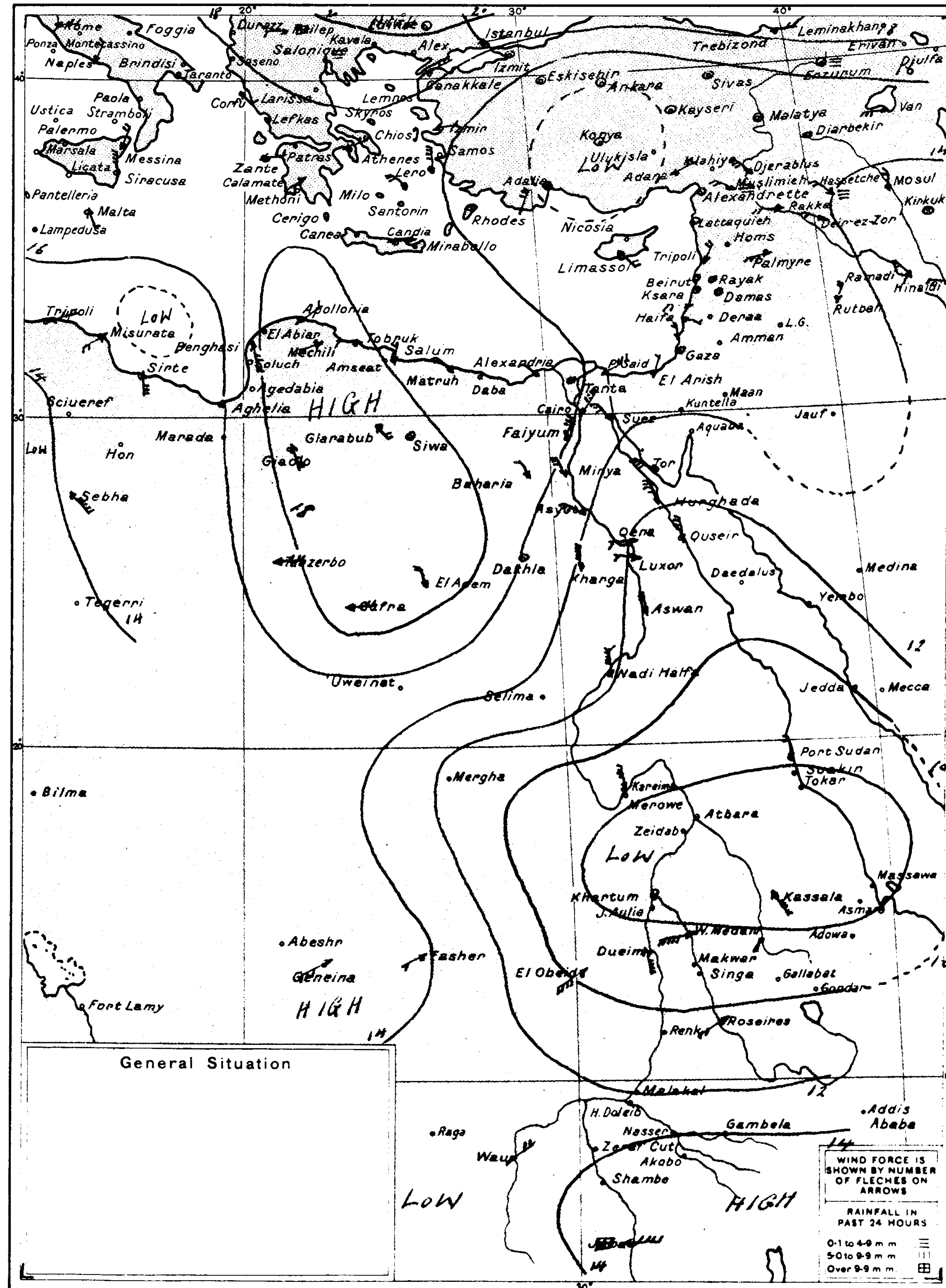
Giza Grass minimum on 4th 12.0°C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
4-6	1100	1351
3-6	1101	1356

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	4-6	13.40	-0.09	13.38	-0.11
Nâsser	4-6	7.82	+0.54	7.78	+0.53
Malakâl	4-6	10.76	+0.18	10.72	+0.17
Roseires	4-6	13.04	+0.57	12.64	+0.21
Sennâr Res.	4-6	7.26	—	7.32	—
Khartûm	4-6	10.81	+0.29	10.80	+0.30
Kh. el Girba	4-6	10.50	+0.04	10.56	+0.10
'Atbara	4-6	9.92	-0.21	9.90	-0.22
Kajnarti	4-6	131.50	-0.41	131.52	-0.40
Wâdi Halfa	4-6	1.32	-0.01	1.31	-0.03
Aswân Res	4-6	111.63	—	111.76	—
,, D. S.	4-6	86.00	-0.10	86.00	-0.08
El Leisi	4-6	17.58	+0.61	17.58	+0.62
Rôda (Cairo)	4-6	15.77	+0.30	15.79	+0.32

١٩٣٧.٦.٠٤ Pressure and Wind at 8 h. 4. 6. 1937



General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 3. 6. 1937 الساعة ٨ يوم ١٩٣٧.٦.٠٣

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1012	+1	SW	3	23	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.6	+5.9	WNW	1	24.2	27	-2	19	0	80	+15	0	—	—	—	0	365	645	حيفا
Gaza	1015.4	+4.8	—	0	22.6	27	-1	18	+1	68	+3	2	6	—	1	0	345	376	غزه
Qosseir	1014.4	+4.8	N	4	27.0	31	-2	25	0	56	+11	0	6	—	0	0	1	7	القصير

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO
Time of sunrise h. m. 04 53
" sunset h. m. 18 53

Month *June* 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 4th — الساعة ١٤ يوم ٤ | At 8h. on Saturday 5th — الساعة ٨ يوم السبت ٥

No.	Region	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1017.2	NNE	4	23.6	65	0	6	1018.6	+5.1	NNE	1	21.1	25	—	16	—	81	—	0	6	Cu	1	0	105	—
131	Mediterranean	MATRÛH	1015.9	NNW	2	23.6	74	0	6	1017.0	+3.8	N	2	22.1	24	-2	21	+3	81	+7	2	6	Cu	1	0	182	158
150	Mediterranean	DIKHEILA	1016.0	NNW	3	23.9	71	3	8	1016.0	—	NNE	3	22.0	25	—	20	—	66	—	2	8	Sc	2	0	—	—
132	Mediterranean	ALEXANDRIA	1015.9	NNE	2	25.5	62	2	8	1016.2	+3.2	NE	2	22.4	27	-1	19	0	66	-5	2	8	Cu	2	0	167	190
159	Mediterranean	DAMIETTA								1014.6	—	N	1	25.9	29	—	18	—	63	—	0	8	—	1	0	75	116
134	Mediterranean	PORT SAÏD	1015.0	NNW	3	26.5	50	0	7	1015.1	+3.6	NE	2	24.3	27	-1	20	0	67	-1	0	7	—	1	0	38	81
135	Mediterranean	EL ʿARÎSH	1013.9	NNE	3	24.2	66	0	7	1013.8	—	NNW	1	24.2	24	—	18	—	66	—	0	7	Cu	1	0	—	—
136	Lower Egypt	DAMANHÛR								1015.5	+2.7	NNE	3	23.7	29	-3	18	+1	60	-2	0	7	Ci	0	0	78	110
137	Lower Egypt	MANSÛRA								1015.2	—	NE	2	22.5	31	-3	18	0	68	+3	1	7	Cc	1	0	45	57
138	Lower Egypt	TANTA	1014.2	—	0	30.0	50	0	7	1015.0	+1.9	NNE	1	23.5	30	-4	14	-4	67	+7	0	7	—	0	0	54	48
139	Lower Egypt	ZAGÂZÎG	1013.8	WNW	2	30.0	35	0	8	1015.1	—	NE	2	22.9	30	-3	17	0	62	-3	1	8	Cs	1	0	20	28
141	Middle Egypt (Cairo)	ALMÂZA	1013.5	NNE	4	30.0	35	0	8	1015.0	—	NNE	3	21.8	31	—	15	—	69	—	2	8	Cu	1	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1013.3	WSW	2	30.3	36	0	8	1014.2	+2.0	NW	2	23.9	32	-2	17	-1	62	-1	1	7	Cu	0	0	18	33
	Middle Egypt (Cairo)	GÎZA	1012.7	N	2	30.4	38	0	7	1013.8	+1.1	NNE	2	22.0	31	-4	16	0	72	+10	1	6	Cc	1	0	16	30
143	Middle Egypt	HELWÂN	1013.0	NNW	4	29.4	23	0	6	1014.2	+1.7	N	5	21.6	31	-3	17	-2	62	+9	0	6	—	0	0	17	35
144	Middle Egypt	SUEZ								1014.4	+2.6	N	3	22.3	32	-2	19	-1	96	+27	0	6	Ci	0	0	13	26
153	Upper Egypt	FAIYÛM	1012.8	N	5	31.3	25	0	8	1014.0	+1.5	N	4	22.8	32	-4	17	-2	95	+7	0	7	—	0	0	6	11
154	Upper Egypt	MINYA	1012.?	N	4	31.5	23	0	7	1013.1	+1.8	N	4	22.4	32	-4	19	0	63	+6	0	8	—	0	0	16	—
155	Upper Egypt	ASYÛT	1011.6	NW	3	32.8	18	0	8	1012.4	+1.2	NNW	3	23.8	34	-2	18	-3	51	+9	0	8	—	0	0	dr.	5
156	Upper Egypt	QENA	1009.3	W	1	37.3	17	0	9	1010.6	+1.2	W	2	27.2	38	-2	22	0	35	-4	0	8	—	0	0	dr.	—
157	Upper Egypt	LUXOR	1009.0	NNW	2	37.7	32	0	8	1010.6	—	—	0	30.1	39	—	17	—	43	—	0	8	—	0	0	dr.	—
158	Upper Egypt	ASWÂN								1010.2	+0.5	NNE	1	26.4	39	-2	20	-4	34	+4	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1015.2	—	0	31.1	63	0	6	1018.7	+5.9	NE	1	22.8	35	-1	17	-1	70	+17	0	6	—	0	0	29	7
149	Western Desert	BAHARÎYA	1014.0	NW	2	29.0	29	0	9	1015.9	—	NNE	2	20.3	32	—	15	—	—	—	—	—	—	—	0	26	—
151	Western Desert	KHÂRGA	1010.4	N	3	34.6	28	0	9	1012.4	+2.3	N	3	25.5	35	-4	21	-2	64	+25	0	9	—	—	0	0	0
152	Western Desert	DÂKHLA	1013.3	NNW	2	32.8	21	0	8	1014.6	+3.3	NNW	2	26.9	34	-6	20	-1	28	-5	0	8	—	0	0	dr.	—
145	Red Sea	TÔR								1009.0	-0.1	NW	6	23.8	29	-3	22	0	75	+3	0	5	—	0	0	14	14
146	Red Sea	HURGHÂDA								1009.?	-0.3	NNW	3	27.2	31	-3	21	-2	41	-7	0	7	—	0	0	dr.	0
147	Red Sea	QUSEIR	1010.6	N	4	30.0	51	0	6	1009.4	-0.1	NW	3	28.8	31	-2	23	-2	45	0	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN	1006.0	N	3	35.3	—	1	—	1009.1	+1.5	SW	1	31.9	—	—	23	-2	47	+8	1	—	—	0	0	42	109
165	North Sudan	WÂDI HALFA	1009.9	NNW	5	35.2	—	0	8	1012.8	+3.4	N	3	25.2	36	-4	20	-2	34	+13	0	8	—	0	—	—	—
166	North Sudan	KAREIMA	1006.3	NNW	3	40.0	—	0	8	1008.9	+0.5	N	5	31.1	41	-2	23	-2	13	-4	0	8	—	0	0	1	4
167	North Sudan	ʿATBARA	1003.2	NW	2	43.2	—	0	—																		
168	North Sudan	KHARTÛM	1004.3	SW	3	41.0	—	0	7	1010.5	+2.3	S	4	28.8	43	+2	25	-1	52	+19	0	7	—	0	0	33	9
170	North Sudan	KASSALA	1001.6	S	5	38.3	—	0	8	1009.5	+0.6	SE	2	29.8	39	-1	25	0	47	+4	0	8	—	0	0	30	29
171	Central Sudan	WAD MEDANI	1004.3	SW	4	38.0	—	1	—	1010.4	+1.9	SSW	4	28.3	39	-2	24	0	55	+17	0	—	—	0	0	95	32
173	Central Sudan	DUEIM								1011.2	+2.1	SE	3	27.2	42	+2	24	0	65	+23	0	—	—	0	0	47	28
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES	1008.3	NW	2	34.3	—	2	—	1010.4	0.0	SSW	2	27.3	34	-2	23	+1	57	-2	2	—	—	1	0	100	126
174	Central Sudan	EL OBEID	1007.2	W	3	35.0	—	4	8	1010.5	+0.5	S	3	26.7	38	0	23	+1	56	+3	3	8	Ac,As	0	0	66	38
175	Central Sudan	EL FÂSHER	1006.7	SSW	3	37.4	—	1	—	—	—	NW	1	27.5	40	+1	22	0	24	-16	0	—	—	0	0	0	18
176	S. Sudan	MALAKÂL	1013.1	SE	4	25.1	—	4	8																		
177	S. Sudan	WÂU	1009.6	W	3	31.8	—	1	—	1012.8	+2.5	S	3	22.3	32	-2	19	-2	84	+7	3	—	—	2	30	409	403
178	S. Sudan	JÛBA	1011.8	NW	3	29.4	—	4	8	1015.7	+3.5	NNW	3	22.9	31	-2	20	-1	83	+1	4	7	Cs,Cu	1	1	573	423
179		Geneina	—	SE	2	33.2	—	4	8	—	—	—	0	24.1	35	—	21	—	60	—	0	7	—	0	0	—	—
180		Gallabat	—	W	3	32.6	—	1	—																		

Upper Wind Observations on 5th — ارصاد الرياح العليا يوم ٥

Dir. E. of N. / Kms per hour; height in metres above M.S.L.

Height	Salum 07h00m Dir.	Kms	Matruh 07h00m Dir.	Kms	Dikheila 07h15m Dir.	Kms	Cairo 08h00m Dir.	Kms	Helwan 08h30m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	W. Halfa 06h00m Dir.	Kms	Kareima 05h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 07h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Geneina 06h00m Dir.	Kms	Ismailia R.A.F. 07h00m Dir.	Kms	Abukir R.A.F. 07h00m Dir.	Kms
200	200	5	0	30	20	20	30	25	20	12	—	—	—	—	0	18	—	—	—	—	—	—	—	—	—	—	20	21	30	19
600	10	34	350	34	20	17	30	35	50	28	350	40	0	31	0	43	0	55	260	19	210	14	—	—	—	—	40	26	40	23
1000	350	42	30	39			70	34	40	20	350	37	20	18	350	47	0	39	260	19	220	27	310	23	—	—	60	29	50	32
1500	340	34	20	36			40	11	—	0	330	23	220	5	320	19			260	23	210	37	30	24	190	14	30	18		
2000	310	41	ent. Cu.						30	10			240	14	30	2			250	26	270	24	40	31	140	35	180	8		
3000									160	5					350	8			200	24	50	18	60	47			200	5		
4000									340	11											40	31					250	8		
5000									330	19											70	37					210	21		
6000									320	21																	190	18		
7000									280	21																				

Forecast for 24 hours from noon on 5th

Moderate to fresh north to northeast winds.
Clear or occasional medium cloud.
Temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٥

رياح معتدلة إلى شديدة نوعا شمالية إلى شمالية شرقية
السماء صحو او يظهر بعض السحاب الوسط أحيانا
ودرجة الحرارة حول المعدل

Station	Mean of day: Humidity % on 4th	Diff. from normal	Wet bulb temp. °C 4th	Diff. from normal
Alexandria	72	0	19.7	+0.4
Ezbekiya	48	-6	19.1	-1.7
Gîza	48	-5	18.8	-0.9
Helwân	37	-3	16.5	-0.5

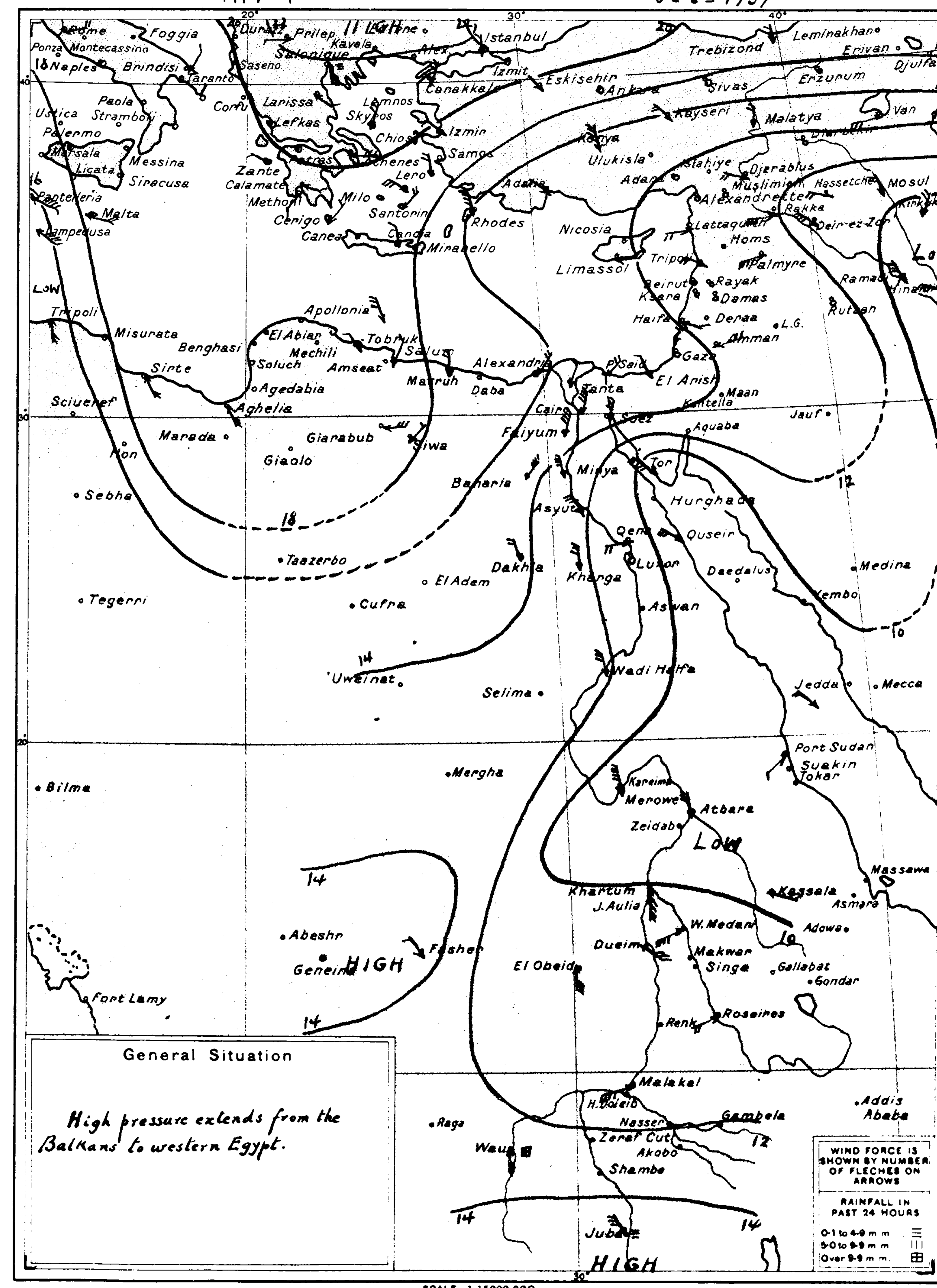
Gîza Grass minimum on 5th 13.1°c

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
5-6	1077	1353
4-6	1100	1351

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	4-6	13.40	-0.09	13.38	-0.11
Nâṣṣer	4-6	7.82	+0.54	7.78	+0.53
Malakâl	5-6	10.79	+0.20	10.76	+0.18
Roṣeires	5-6	12.74	+0.22	13.04	+0.57
Sennâr Res.	4-6	7.26	—	7.32	—
Khartûm	4-6	10.81	+0.29	10.80	+0.30
Kh. el Girba	4-6	10.50	+0.04	10.56	+0.10
ʿAtbara	4-6	9.94	-0.21	9.90	-0.22
Kajnarti	5-6	131.50	-0.40	131.50	-0.41
Wâdi Halfa	5-6	1.30	+0.02	1.32	-0.01
Aswân Res.	5-6	111.44	—	111.63	—
" D. S.	5-6	85.99	-0.12	86.00	-0.10
El Leisi	5-6	17.58	+0.60	17.58	+0.61
Rôda (Cairo)	5-6	15.77	+0.29	15.77	+0.30

١٩٣٧-٦-٥ Pressure and Wind at 8h. 5-6-1937



General Situation

High pressure extends from the Balkans to western Egypt.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

At 8h on 4th — الساعة ٨ يوم ٤

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr Oct 1 to yesterday m.m.	Normal fr Oct 1 to yesterday m.m.	محطة
Limasol	1016	+5	SE	2	22	—	—	—	—	—	—	0	—	—	—	—			ليماسول
Haifa	1015.9	+6.3	ESE	1	24.6	27	-2	18	-1	83	+18	0	—	—	—	0	365	645	حيفا
Gaza	1015.5	+5.0	—	0	22.2	29	+1	14	-3	69	+4	0	9	—	0	0	395	376	غزة

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO

Time of sunrise h. 04 m. 53
sunset h. 18 h. 54 m.

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

DAILY WEATHER REPORT

Month June 1937 ١٩٣٧ شهر يونيه

١٩٣٧-٦-٦ Pressure and Wind at 8 h. 6-6-1937

		STATION	At 14 h. on 5th (الساعة ١٤ يوم) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8 h. on Sunday 6th (الأحد ٦) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1018.7	N	3	25.6	49	0	8	1017.2	+3.7	NNW	2	23.7	27	—	17	—	57	—	0	7	—	0	0	105	—
131		MATRÛH	1016.8	NNW	3	23.8	77	0	6	1015.4	+2.3	NW	4	22.1	25	-2	19	+1	90	+16	0	6	—	0	0	182	158
150		DIKHEILA	1015.9	NNW	4	23.6	72	0	—	1014.7	—	NNW	4	23.0	24	—	21	—	83	—	2	7	St	1	0	—	—
132		ALEXANDRIA	1015.2	NNE	4	24.9	68	0	9	1014.3	+1.3	NNE	2	23.0	26	-2	21	+1	82	+11	1	8	Cu	0	0	167	190
159		DAMIETTA								1013.0	—	N	1	27.5	30	—	19	—	70	—	0	8	—	1	0	75	116
134		PORT SAÏD	1014.0	NE	5	26.2	71	0	7	1013.6	+2.1	NW	2	24.2	27	-1	21	+1	76	+8	2	7	Ci	1	0	38	81
135		EL 'ARÎSH	1012.7	NNW	3	25.0	74	0	7	1012.7	—	—	0	24.0	25	—	17	—	67	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1014.0	+1.3	NE	1	25.2	30	-2	17	0	69	+8	0	7	—	0	0	78	110
137		MANSÛRA								1013.1	—	NNE	1	24.6	31	-3	18	0	70	+5	0	8	—	0	0	45	57
138		TANTA	1012.8	WNW	3	30.8	34	0	7	1013.5	+0.5	—	0	24.5	32	-3	16	-2	75	+15	0	7	—	0	0	54	48
139		ZAGÂZÎG	1013.3	NE	4	31.4	35	0	8	1013.5	—	NNW	1	23.9	31	-3	14	-3	76	+11	0	8	—	0	0	20	28
141	MIDDLE EGYPT	CAIRO: ALMÂZA	1013.3	NNE	3	31.0	39	0	8	1014.0	—	N	2	20.8	32	—	15	—	84	—	4	7	Sc	2	0	—	—
		CAIRO: EZBEKÎYA	1012.0	NNE	3	32.1	32	0	8	1013.4	+1.3	NNE	2	21.5	33	-1	18	-1	82	+19	4	5	Sc	0	0	18	33
		CAIRO: GÎZA	1011.4	NNE	2	31.6	40	0	7	1012.7	+0.1	N	2	21.8	32	-3	14	-2	85	+23	4	5	Sc	2	0	16	30
143		HELWÂN	1011.4	N	5	31.2	24	0	7	1013.1	+0.6	N	4	20.8	32	-2	18	-1	79	+26	1	6	Cu	0	0	17	35
144		SUEZ								1013.3	+1.6	N	2	23.0	32	-2	18	-2	97	+28	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM																									
154		MINYA	1011.1	WNW	5	31.0	33	0	6	1011.8	+0.6	NNE	4	23.0	32	-4	19	0	65	+8	0	7	—	0	0	16	—
155		ASYÛT	1010.4	NW	4	31.8	27	0	8	1011.4	+0.2	WNW	3	23.2	33	-4	17	-4	50	+8	0	8	—	0	0	dr.	5
156		QENA	1007.8	W	3	38.0	16	0	9	1009.4	+0.1	WNW	3	27.1	39	-1	22	0	38	-1	0	8	—	0	0	dr.	—
157		LUXOR	1008.0	WSW	3	37.0	35	0	8	1009.1	—	SE	1	31.0	39	—	18	—	50	—	0	8	—	0	0	dr.	—
158		ASWÂN								1008.7	-0.9	—	0	29.3	40	-1	22	-2	44	+14	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1015.4	N	1	33.9	29	0	6	1016.2	+3.5	—	0	26.2	35	-1	18	0	63	+10	0	6	—	0	0	29	7
149		BAHARÎYA	1013.4	N	5	31.0	—	0	9	1015.0	—	NNW	2	22.9	33	—	17	—	29	—	0	9	—	0	0	26	—
151		KHÂRGA								1011.8	+1.7	N	2	25.4	35	-4	20	-3	60	+21	0	9	—	0	0	0	0
152		DÂKHLA	1011.6	NW	5	33.5	24	0	6	1013.5	+2.3	NNE	4	25.9	35	-5	21	-1	29	-4	0	9	—	0	0	dr.	—
145	RED SEA	TÛR								1008.4	-0.6	NW	5	24.2	34	+2	24	+2	72	0	0	6	—	0	0	14	14
146		HURGHÂDA																									
147		QUSEIR	1008.6	N	2	30.0	57	0	6	1008.8	-0.4	NNW	3	26.6	31	-2	24	-1	46	0	0	6	—	0	0	1	7
169		PORT SUDAN								1009.0	+1.6	NW	1	32.8	—	—	25	0	49	+10	1	—	—	0	0	42	109
165	NORTH SUDAN	WÂDI HALFA								1012.0	+2.7	NE	3	25.8	36	-5	20	-2	30	+9	0	7	—	0	—	—	—
166		KAREIMA								1008.9	+0.6	N	4	32.0	40	-3	23	-2	14	-3	0	8	—	0	0	1	4
167		'ATBARA								1007.6	+0.5	N	3	33.5	42	0	24	-2	21	+5	0	—	—	0	0	5	8
168		KHARTÛM								1009.1	+0.9	NNW	1	29.5	41	0	23	-3	14	-19	0	8	—	0	0	33	9
170		KASSALA								1008.2	-0.7	S	3	30.1	40	0	27	+2	47	+3	0	8	—	0	0	30	30
171	CENTRAL SUDAN	WAD MEDANI								1008.4	-0.1	SSW	4	31.2	40	-1	26	+2	41	+2	0	—	—	0	0	95	33
173		DUEIM								1009.4	+0.3	E	3	30.2	41	+1	25	+1	51	+8	0	—	—	0	0	47	28
182		RENK								—																	
172		ROSEIRES								1009.0	-1.5	WSW	2	27.7	38	+2	23	+1	58	-1	2	—	—	2	0	100	130
174		EL OBEID								1010.3	+0.3	NE	2	28.5	39	+1	22	0	20	-33	0	8	—	0	0	66	39
175		EL FÂSHER								—	—	NW	1	26.0	41	+2	18	-4	16	-25	0	—	—	0	0	0	19
176	S. SUDAN	MALAKÂL																									
177		WÂU								1009.6	-0.8	NNW	3	26.0	—	—	—	—	78	+1	1	—	—	—	21	430	409
178		JUBA								1011.5	-0.8	SSW	4	24.1	32	-1	21	0	83	+1	0	8	—	0	0	573	428
179		Geneina								—	—	E	3	23.9	36	—	20	—	60	—	0	8	Ci	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 6th (ارصاد الرياح العليا يوم ٦)

Height metres above M.S.L.	Salum 07 h.00 m. Dir. E. of N.	Kms. per hour	Matruh 07 h.00 m. Dir. E. of N.	Kms. per hour	Dikheila 07 h.00 m. Dir. E. of N.	Kms. per hour	Almaza 08 h.45 m. Dir. E. of N.	Kms. per hour	Cairo 08 h.00 m. Dir. E. of N.	Kms. per hour	Helwan 08 h.45 m. Dir. E. of N.	Kms. per hour	Asyut 07 h.00 m. Dir. E. of N.	Kms. per hour	Aswan 07 h.00 m. Dir. E. of N.	Kms. per hour	W. Halfa 06 h.00 m. Dir. E. of N.	Kms. per hour	Kareima 05 h.00 m. Dir. E. of N.	Kms. per hour	Khartum 05 h.00 m. Dir. E. of N.	Kms. per hour	Kassala 06 h.00 m. Dir. E. of N.	Kms. per hour	El Obeid 06 h.00 m. Dir. E. of N.	Kms. per hour	Juba 06 h.00 m. Dir. E. of N.	Kms. per hour	Geneina 06 h.00 m. Dir. E. of N.	Kms. per hour
200	320	12	340	22	0	23	20	19	30	12	0	24	—	—	—	—	70	27	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	0	36	40	28	30	17	10	26	40	20	350	34	20	23	70	53	350	47	260	8	170	34	—	—	300	24	—	—
1000	30	12	0	26	30	35	20	45	0	26	30	55	20	17	10	21	50	45	350	40	330	3	210	34	10	56	240	18	—	—
1500	30	23	10	24			70	32			80	34	20	20			40	14	330	13	90	5	230	21	40	24	270	14	70	32
2000	20	24	20	11			90	25					10	17			20	21	330	8			250	21	80	8	0	8	90	31
3000	90	16																	220	34			20	23	90	11	70	13	160	11
4000																			220	21							100	11		
5000																														
6000																														

Forecast for 24 hours from noon on 6th

Moderate winds, northerly on the coast, north to northeast inland. Clear or occasional high cloud. Slightly warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٦

رياح معتدلة شمالية على الساحل وبيه شمالية وشمالية شرقية في الداخل
السماء صحو أو تظهر بها بعض السحب العالي احيانا
ترتفع درجة الحرارة قليلا

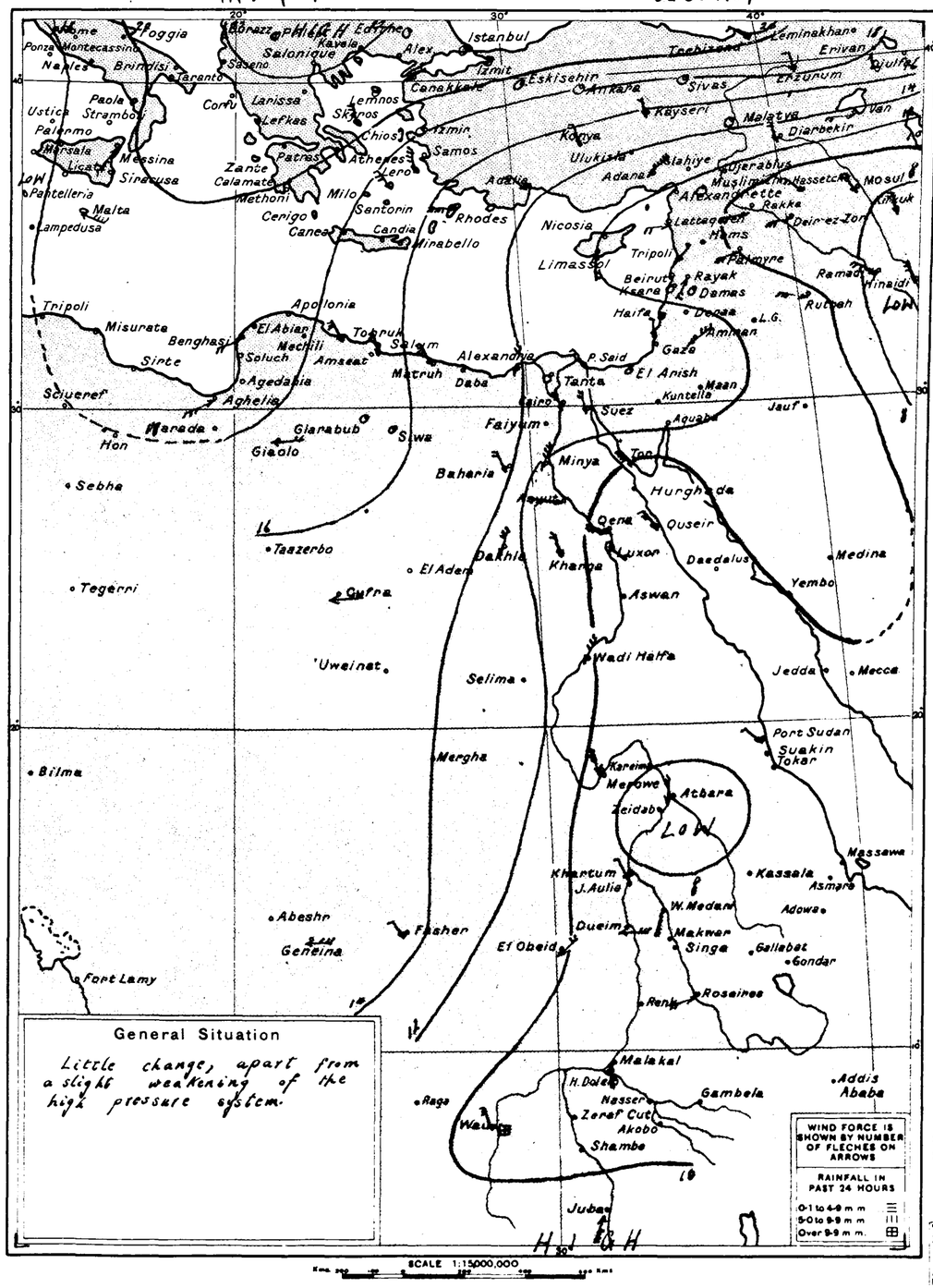
STATION	Mean of day: Humidity % on 5th	Humidity Diff. from normal	Wet Bulb Temp. °C on 5th	Wet Bulb Temp. Diff. from normal
Alexandria	75	+3	19.6	+0.2
Ezbekiya	54	0	19.5	-1.3
Giza	58	+5	19.7	-0.1
Helwân	43	+3	17.3	+0.3

Giza Grass minimum on 6th 10.6 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
6-6	1123	1351
5-6	1099	1353

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-6	13.42	-0.07	13.40	-0.09
Nâsser	5-6	7.85	+0.49	7.82	+0.54
Malakâl	6-6	10.82	+0.20	10.79	+0.20
Roseires	6-6	12.80	+0.20	12.74	+0.22
Sennâr Res.	5-6	7.16	—	7.26	—
Khartûm	5-6	10.85	+0.31	10.81	+0.29
Kh. el Girba	5-6	10.48	+0.02	10.50	+0.01
'Atbara	6-6	10.05	-0.11	9.97	-0.17
Kajnarti	6-6	131.52	+0.37	131.50	+0.40
Wâdi Halfa	6-6	1.31	0.00	1.30	-0.02
Aswân Res.	6-6	111.21	—	111.44	—
" D.S.	6-6	86.03	-0.10	85.99	-0.12
El Leisi	6-6	17.57	+0.58	17.58	+0.60
Rôda (Cairo)	6-6	15.75	+0.27	15.77	+0.29



STATION	At 8 h. on 5-6-1937 (١٩٣٧-٦-٥ الساعة ٨ يوم) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مصر
Limassol	1015	+4	E	2	25	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.6	+5.0	ESE	1	24.9	26	-3	21	+2	81	+15	0	—	—	—	0	365	646	حيفا
Gaza	1013.6	+3.1	—	0	24.9	28	0	20	+3	64	-1	1	7	—	1	0	395	376	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. 04 m. 53
" sunset h. 18 m. 54

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month *June* 1937 ١٩٣٧ شهر يونيه

At 14h. on *6th* الساعة ١٤ يوم ٦ — At 8h. on *Monday 7th* الساعة ٨ يوم الاثنين ٧

No.	Station	14h Bar. Pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1016.6	N	4	25.8	45	0	8	1016.3	+2.8	NNW	3	23.3	28	—	17	—	73	—	0	6	—	0	0	105	—
131	MATRÛH	1014.7	NW	3	24.4	80	0	6	1014.7	+1.6	WNW	3	22.4	25	-2	21	+3	89	+15	0	6	—	0	0	182	158
150	DIKHEILA	1013.6	NNW	4	24.4	84	2	—	1013.3	—	NNW	3	23.9	25	—	22	—	84	—	6	7	—	0	0	—	—
152	ALEXANDRIA	1013.1	NE	4	25.5	74	0	8	1013.1	+0.2	N	2	23.7	27	-1	22	+2	81	+10	0	9	—	0	0	167	190
159	DAMIETTA								1011.9	—	N	1	29.2	30	—	21	—	58	—	0	8	—	0	0	75	116
134	PORT SAÏD	1012.2	NW	4	27.8	66	0	7	1012.0	+0.6	NE	2	26.2	29	+1	22	+2	72	+4	0	8	—	0	0	38	81
135	EL 'ARÎSH	1010.2	NNW	3	25.0	68	0	7	1010.8	—	WSW	2	26.0	26	—	17	—	65	—	0	7	—	0	0	—	—
136	LOWER EGYPT: DAMANHÛR								1012.8	+0.2	NNW	2	26.8	32	0	18	+1	59	-2	0	8	—	0	0	78	110
137	MANSÛRA								1011.9	—	N	1	25.8	33	-1	20	+2	70	+5	0	8	—	0	0	45	57
138	TANTA	1011.2	NNW	2	34.0	36	0	7	1012.6	-0.3	NE	1	27.5	34	-1	16	-2	63	+3	0	7	—	0	0	54	48
139	ZAGÂZÎG	1010.7	NNW	4	32.8	30	0	8	1012.6	—	NNW	1	25.4	33	-1	17	0	73	+8	0	8	—	0	0	20	28
141	MIDDLE EGYPT: CAIRO ALMÂZA	1012.2	NNW	3	32.9	34	0	9	1013.0	—	NNE	2	23.0	34	—	17	—	80	—	1	7	St	2	0	—	—
	CAIRO EZBEKÎYA	1011.1	N	2	35.1	27	0	8	1012.3	+0.2	NNW	1	24.7	35	+1	19	0	72	+9	0	6	—	1	0	18	33
	CAIRO GÎZA	1009.3	NNE	2	34.0	35	0	7	1012.2	-0.4	N	2	22.0	35	0	17	+1	87	+24	0	6	—	1	0	16	30
143	HELWÂN	1009.3	N	5	33.1	21	0	6	1011.9	-0.5	N	3	23.7	34	0	19	0	61	+8	0	6	—	0	0	17	35
144	SUEZ								1012.3	+0.6	N	2	24.0	34	0	19	-1	98	+29	0	6	Ci	0	0	13	26
153	UPPER EGYPT: FAIYÛM	1009.8	NNE	3	34.4	19	0	6	1012.2	-0.2	N	5	25.0	35	-1	19	0	64	+11	0	7	—	0	0	6	11
154	MINYA	1009.5	N	4	33.5	22	0	7	1010.6	-0.6	NNW	3	25.0	35	-1	19	0	58	+1	0	9	—	0	0	16	—
155	ASYÛT	1008.6	NW	3	34.0	24	0	8	1010.6	-0.5	WNW	3	24.0	36	-1	20	-1	60	+17	0	7	—	0	0	dr	5
156	QENA	1007.0	W	1	38.5	26	0	9	1008.8	-0.4	WSW	3	29.0	—	—	22	0	35	-4	0	8	—	0	0	dr.	—
157	LUXOR	1006.6	—	0	39.2	33	0	8	1008.3	—	SE	1	32.3	41	—	19	—	44	—	0	8	—	0	0	dr.	—
158	ASWÂN	1004.8	—	0	40.0	25	0	8	1007.9	-1.6	—	0	30.6	41	0	22	-2	39	+9	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1014.3	—	0	35.0	32	0	6	1015.1	+2.4	—	0	23.3	36	0	19	+1	73	+20	0	6	—	0	0	29	7
149	BAHARÎYA	1011.6	N	5	33.2	30	—	9	1013.5	—	NNE	1	23.8	34	—	18	—	57	—	0	9	—	0	0	26	—
151	KHÂRGA	1009.3	N	2	32.9	46	0	9	1010.4	+0.4	N	3	28.0	35	-5	22	-1	65	+25	0	9	—	0	0	0	0
152	DÂKHLA	1010.3	NNE	3	34.8	24	0	8																		—
145	RED SEA: TÔR								1008.2	-0.7	NW	4	25.1	29	-3	23	+1	69	-3	0	6	—	0	0	14	14
146	HURGHÂDA								1008.3	-1.1	NNW	3	29.6	31	-3	19	-4	41	-7	0	7	—	0	0	dr.	0
147	QUSEIR	1008.4	N	3	29.9	58	0	6	1008.7	-0.4	NNW	3	28.8	30	-3	24	-1	47	+1	0	6	—	0	0	1	7
169	PORT SUDAN								1006.9	-0.4	NW	1	29.0	—	—	25	0	51	+12	1	—	—	0	0	42	109
165	NORTH SUDAN: WÂDI HALFA								1011.3	+2.0	—	0	25.6	37	-4	20	-2	32	+11	0	7	—	0	—	—	—
166	KAREIMA								1008.8	+0.5	NNW	2	31.0	41	-2	22	-3	22	+5	0	8	—	0	0	1	4
167	'ATBARA																									
168	KHARTÛM								1007.5	-0.7	N	4	28.5	41	0	24	-2	19	-15	0	8	Ac	0	0	33	10
170	KASSALA								1005.4	-3.6	S	4	32.7	41	+1	28	+3	39	-5	1	8	Cs	0	0	30	31
171	CENTRAL SUDAN: WAD MEDANI								1007.0	-1.5	WNW	2	34.0	41	+1	25	+1	9	-30	1	—	—	0	0	95	35
173	DUEIM								1007.8	-1.3	NW	3	32.8	41	+1	24	0	54	+11	0	—	—	0	0	47	29
182	RENK																									
172	ROSEIRES								1007.8	-2.7	SSW	2	28.7	37	+1	25	+3	55	-5	3	—	—	1	0	100	134
174	EL OBEID								1008.9	-1.1	N	3	30.0	39	+1	23	+1	25	-28	0	8	Sc	0	0	66	41
175	EL FÂSHER								—	—	NW	1	25.0	41	+2	16	-6	19	-23	0	—	-	0	0	0	19
176	S. SUDAN: MALAKÂL								1009.4	-2.0	SSW	1	27.9	38	+4	23	+1	63	-11	3	8	Ac,Sc	0	0	192	237
177	WÂU								1009.6	-0.8	SW	3	23.5	35	+1	23	+2	96	+19	1	—	—	1	0	430	414
178	JÛBA								1012.5	+0.2	S	4	25.1	35	+2	22	+1	76	-6	1	6	Sc	0	0	573	433
179 / 180	*Geneina* / *Gallabat*								—	—	SE	2	23.2	37	—	18	—	18	—	2	8	Ci	0	0	—	—

Upper Wind Observations on *7th* ارصاد الرياح العليا يوم ٧

Height metres above M.S.L.	*Salum* 07h.00m. Dir. E.of N.	Kms per hour	*Matruh* 07h.00m. Dir.	Kms	*Dikheila* 07h.15m. Dir.	Kms	*Almaza* 07h.45m. Dir.	Kms	*Cairo* 08h.00m. Dir.	Kms	*Helwan* 08h.30m. Dir.	Kms	*Asyut* 07h.00m. Dir.	Kms	*Aswan* 07h.00m. Dir.	Kms	*W. Halfa* 06h.00m. Dir.	Kms	*Kareima* 05h.00m. Dir.	Kms	*Khartum* 04h.00m. Dir.	Kms	*Kassala* 07h.00m. Dir.	Kms	*El Obeid* 06h.00m. Dir.	Kms	*Juba* 06h.00m. Dir.	Kms	*Geneina* 06h.00m. Dir.	Kms
200	320	13	310	18	20	26	20	12	60	22	0	15	—	—	—	—	0	11	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	20	26	30	19	40	26	70	35	40	30	0	19	0	34	10	37	350	47	340	51	190	34	—	—	280	32	—	—
1000	30	22	20	35	30	18	40	38	20	28	60	58	350	17	10	22	10	34	350	37	350	50	210	37	10	40	280	31	—	—
1500	30	31	30	23	30	22	60	44	320	18	80	38	10	20	340	7	310	11	320	11	320	14	240	13	40	27	270	27	70	48
2000			40	17	30	22	50	19	300	18	50	19	70	13	40	12	170	10	230	14	80	13	160	6	80	5	250	16	80	50
3000							280	4									180	21	210	14	110	14			80	16	230	14	60	34
4000																	140	21											9	27
5000																														
6000																														

Forecast for 24 hours from noon on 7th

Moderate north to northeast winds, fresh at times.
Mainly clear.
Temperature slightly above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٧

رياح معتدلة شمالية الى شمالية شرقية تشتد نوعا أحيانا
السماء صحو فى الغالب
ودرجة الحرارة فوق المعدل بقليل

Station	Mean of day: Humidity % on 6th	Diff. from normal	Wet bulb temp. °C on 6th	Diff. from normal
Alexandria	80	+8	21.4	+1.9
Ezbekiya	62	+7	20.2	-0.6
Gîza	64	+11	20.9	+1.1
Helwân	47	+7	18.0	+0.9

Gîza Grass minimum on 7th 13.6 °c

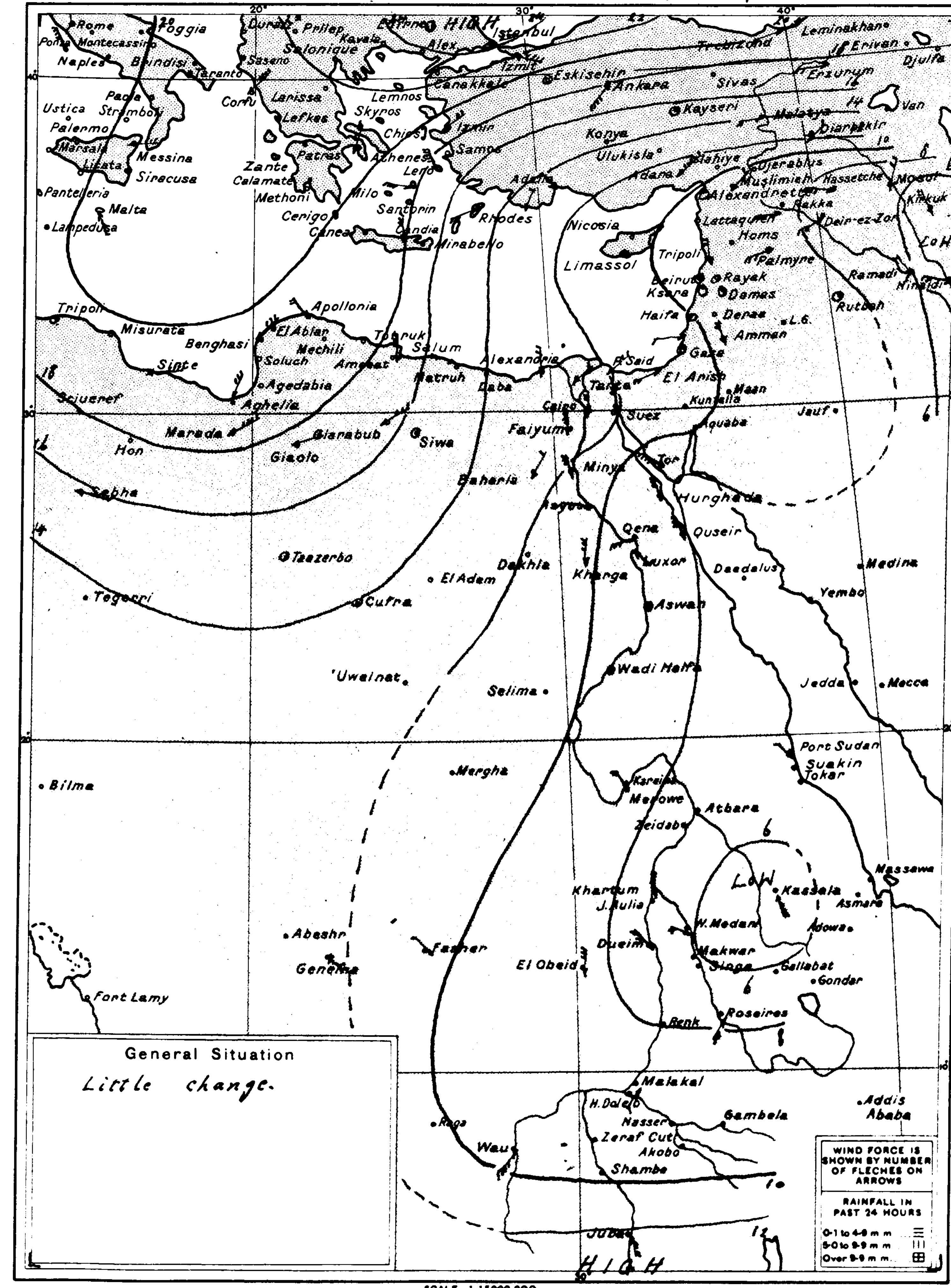
Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
7-6	1122	1356
6-6	1123	1351

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6-6	13.41	-0.08	13.42	-0.07
Nâsser	6-6	7.86	+0.43	7.85	+0.49
Malakâl	7-6	10.84	+0.21	10.82	+0.20
Roseires	7-6	12.95	+0.26	12.80	+0.20
Sennâr Res.	6-6	7.10	—	7.16	—
Khartûm	6-6	10.48	-0.08	10.85	+0.31
Kh. el Girba	6-6	10.42	-0.03	10.48	+0.02
'Atbara	6-6	10.05	-0.11	9.97	-0.17
Kajnarti	6-6	131.52	-0.37	131.50	-0.40
Wâdi Halfa	7-6	1.33	+0.03	1.31	0.00
Aswân Res.	7-6	110.98	—	111.21	—
.. D.S.	7-6	86.03	-0.12	86.03	-0.10
El Leisi	7-6	17.56	+0.56	17.57	+0.58
Rôda (Cairo)	7-6	15.73	+0.24	15.75	+0.27

Printed by the Survey of Egypt. 1936. (36/530)

١٩٣٧-٦-٧ Pressure and Wind at 8h. *7-6-1937*



General Situation

Little change.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h. on — الساعة ٨ يوم

Station	Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct 1 to yesterday m.m.	Normal fr. Oct 1 to yesterday m.m.	مرصد
Faiyûm	1012.6	+0.1	NNE	4	23.6	33	-3	17	-2	65	+13	3	6	—	1	0	6	11	الفيوم
Hurghâda	1009.3	-0.2	NNW	3	27.8	31	-3	23	0	35	-13	0	7	—	0	0	dr	0	الغردقة
Limassol	1012	+1	S	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.0	+4.5	—	0	25.6	26	-3	21	+2	80	+16	0	—	—	—	0	365	645	حيفا
Gaza	1012.3	+1.9	—	0	25.0	29	+1	17	0	75	+7	0	9	—	0	0	396	376	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

CAIRO
Time of sunrise 04 h. 53 m.
sunset 18 h. 54 m.

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

DAILY WEATHER REPORT

Month June, 1937 ١٩٣٧ شهر يونيه

At 14h. on 7th الساعة ١٤ يوم ٧ — At 8h. on Tuesday 8th الساعة ٨ يوم الثلاثاء ٨

No.	Region	STATION	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m. 3	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1016.4	NNE	3	26.9	31	0	9	1016.0	+2.6	N	2	23.6	29	—	17	—	56	—	0	6	—	0	0	105	
131		MATRÛH	1014.7	WNW	4	24.8	77	0	6	1013.6	+0.8	NW	3	23.0	26	-1	21	+3	77	+3	0	6	—	0	0	182	158
150		DIKHEILA																									
132		ALEXANDRIA	1013.0	NW	5	26.1	74	0	9	1012.4	-0.4	NNE	2	23.6	27	-1	22	+2	85	+13	0	9	—	0	0	167	190
159		DAMIETTA								1011.4	—	NNE	1	28.5	34	—	20	—	70	—	0	8	—	0	0	75	116
134		PORT SAÎD	1011.8	NNW	3	29.9	59	0	8	1011.5	+0.2	NE	2	25.8	31	+3	21	0	79	+11	0	7	—	0	0	38	81
135		EL 'ARÎSH	1010.6	NNW	2	27.0	64	0	7	1010.8	—	—	0	27.0	29	—	18	—	63	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1011.9	-0.6	N	2	27.3	34	+2	18	+1	57	-4	0	8	—	0	0	78	110
137		MANSÛRA								1011.5	—	NE	1	26.2	36	+2	19	+1	67	+2	0	8	—	0	0	45	57
138		TANTA	1010.8	NNE	2	35.0	32	0	7	1011.8	-1.1	NW	1	26.5	36	+1	19	+1	73	+13	0	7	—	0	0	54	48
139		ZAGÂZÎG	1010.8	NE	4	34.9	26	0	8	1011.8	—	NE	1	25.9	35	+1	18	0	78	+12	0	8	Ci	1	0	20	28
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1011.2	NNE	3	34.7	22	0	8	1012.2	—	N	1	22.8	36	—	19	—	71	—	0	7	—	2	0	—	—
		EZBEKÎYA	1010.0	N	2	35.9	30	0	8	1011.6	-0.4	N	1	24.8	37	+3	21	+2	70	+7	0	6	—	1	0	18	33
		GÎZA	1009.3	N	2	35.2	34	0	7	1011.2	-1.3	NNE	1	23.3	36	+1	19	+3	80	+17	0	6	—	1	0	16	30
143		HELWÂN	1009.6	N	5	35.5	14	0	7	1011.5	-0.8	WNW	1	22.7	36	+2	19	0	70	+17	6	5	—	0	0	17	35
144		SUEZ								1011.2	-0.4	NNW	2	25.1	36	+2	20	0	91	+22	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1008.7	NNE	4	35.6	19	0	8	1011.6	-0.8	N	4	25.3	37	+1	20	+1	64	+11	0	7	—	0	0	6	11
154		MINYA	1008.8	NNW	4	35.6	25	0	7	1010.4	-0.7	NNE	3	25.5	37	+1	21	+2	63	+6	0	8	—	0	0	16	—
155		ASYÛT	1007.9	NW	3	37.0	18	0	8	1009.8	-1.3	NE	2	26.8	38	+1	21	0	40	-3	0	7	—	0	0	dr.	5
156		QENA	1006.8	WSW	1	40.0	18	0	9	1007.6	-1.6	WNW	2	29.5	40	0	23	+1	37	-2	0	8	—	0	0	dr.	—
157		LUXOR	1006.7	—	0	41.2	31	0	8	1007.5	—	—	0	32.0	42	—	20	—	45	—	0	8	—	0	0	dr.	—
158		ASWÂN	1004.8	NW	2	41.0	22	0	8	1006.0	-3.5	NNE	2	30.8	43	+2	22	-2	35	+5	0	8	—	0	0	1	
148	WESTERN DESERT	SÎWA	1013.6	—	0	35.0	35	0	6	1015.5	+2.9	—	0	25.1	37	+1	20	+2	64	+11	0	6	—	0	0	29	7
149		BAHARÎYA	1010.8	NNW	7	35.0	—	0	9	1012.7	—	NNW	1	23.4	36	—	19	—	74	—	0	9	—	0	0	26	—
151		KHÂRGA	1008.2	N	2	36.9	41	0	9	1008.7	-1.3	N	5	30.2	37	-3	26	+3	45	+5	0	9	—	0	0	0	0
152		DÂKHLA	1009.8	NNW	4	35.1	25	0	7	1011.4	+0.3	NNE	3	30.3	37	-3	24	+2	32	-1	0	8	—	0	0	dr.	—
145	RED SEA	TÔR								1007.6	-1.2	NW	3	25.3	32	-1	23	+1	79	+7	0	6	—	0	0	14	14
146		HURGHÂDA								1007.8	-1.5	NNW	3	28.7	33	-1	24	+1	51	+3	0	6	—	1	0	dr.	0
147		QUSEIR	1007.9	NNE	2	29.8	64	0	6	1007.8	-1.2	N	3	30.0	30	-3	24	-2	48	+2	0	5	—	0	0	1	7
169		PORT SUDAN								1006.6	-1.6	N	1	35.0	—	—	25	0	26	-13	1	—	—	0	0	42	109
165	NORTH SUDAN	WÂDI HALFA								1009.9	+0.7	NNW	1	27.5	38	-3	23	0	35	+14	0	7	—	0	—	—	—
166		KAREIMA								1007.2	-1.0	NNW	2	31.8	42	-1	24	-1	24	+7	0	8	—	0	0	1	4
167		'ATBARA								1004.4	-2.6	NW	3	36.0	43	0	26	0	18	+2	1	—	—	0	0	5	9
168		KHARTÛM								1007.2	-1.0	N	1	30.3	42	+1	25	-1	25	-9	0	8	—	0	0	33	10
170		KASSALA								1005.9	-3.1	S	4	29.6	42	+2	27	+2	53	+9	0	8	—	0	0	30	32
171	CENTRAL SUDAN	WAD MEDANI								1007.2	-1.4	WSW	3	31.8	42	+2	26	+2	36	-4	0	—	—	0	0	95	36
173		DUEIM								1007.9	-1.3	S	3	30.4	43	+3	24	0	41	-3	0	—	—	0	0	47	30
182		RENK																									
172		ROSEIRES								1008.8	-1.8	SSW	2	25.6	39	+3	23	+1	74	+14	3	—	—	1	dr.	100	138
174		EL OBEID								1008.9	-1.1	SSW	2	28.2	40	+2	24	+2	44	-10	2	8	Cs.	0	0	66	42
175		EL FÂSHER								—	—	NW	1	25.0	41	+2	18	-4	19	-23	0	—	—	0	0	0	20
176	S. SUDAN	MALAKÂL																									
177		WÂU								1011.2	+0.8	S	3	23.2	35	+1	22	+1	89	+12	4	—	—	2	1	431	420
178		JÛBA																									
179		Gereina								—	—	SE	2	20.7	40	—	16	—	20	—	1	8	Ci	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 8th ارصاد الرياح العليا يوم ٨

Height metres above M.S.L.	Salum 07h.00m Dir. E.of N.	Salum Kms per hour	Matruh 07h.00m Dir.	Matruh Kms	Almaza 07h.30m Dir.	Almaza Kms	Cairo 08h.00m Dir.	Cairo Kms	Helwan 08h.30m Dir.	Helwan Kms	Asyut 07h.00m Dir.	Asyut Kms	Aswan 07h.00m Dir.	Aswan Kms	W. Halfa 06h.00m Dir.	W. Halfa Kms	Kareima 05h.00m Dir.	Kareima Kms	Khartum 06h.00m Dir.	Khartum Kms	Kassala 06h.00m Dir.	Kassala Kms	El Obeid 06h.00m Dir.	El Obeid Kms	Geneina 06h.00m Dir.	Geneina Kms	Abukir R.A.F. 07h.00m Dir.	Abukir Kms	Salum 7th 13h.00m Dir.	Salum 7th Kms
200	320	12	320	26	60	20	20	9	0	10	—	—	—	—	350	16	—	—	—	—	—	—	—	—	—	—	20	21	0	17
500	—	—	0	26	30	17	0	17	40	25	10	60	10	40	0	35	350	40	310	14	190	40	—	—	—	—	40	23	—	—
1000	60	7	10	23	40	33	50	36	50	37	340	45	20	17	350	29	0	42	320	29	210	43	270	5	—	—	30	19	350	17
1500	20	39	30	17	40	37	40	40	40	35			140	11	340	24	350	21	350	37	260	21			60	60	0	21	20	16
2000	30	26	70	16	40	55	40	26	40	31			190	14	230	14	300	24	350	27	70	21			10	31	0	27		
3000													220	47	180	71	180	19	350	19					270	24				
4000																	150	31												
5000																														
6000																														

Forecast for 24 hours from noon on 8th

Moderate north to northeast winds, fresh at times.
Clear or occasional high cloud.
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٨

رياح معتدلة بين شمالية وشمالية شرقية تشتد نوعا احيانا
السماء صحو أو يظهر بها بعض السحاب العالى احيانا
ولا تتغير درجة الحرارة إلا قليلا.

STATION	Mean of day Humidity % 7th	Humidity Diff from normal	Wet Bulb Temp. °C 7th	Wet Bulb Diff from normal
Alexandria	83	+11	22.0	+2.4
Ezbekiya	57	+2	21.7	+0.8
Gîza	65	+12	21.7	+1.8
Helwân	40	0	18.7	+1.5

Gîza Grass minimum on 8th 15.9 °C

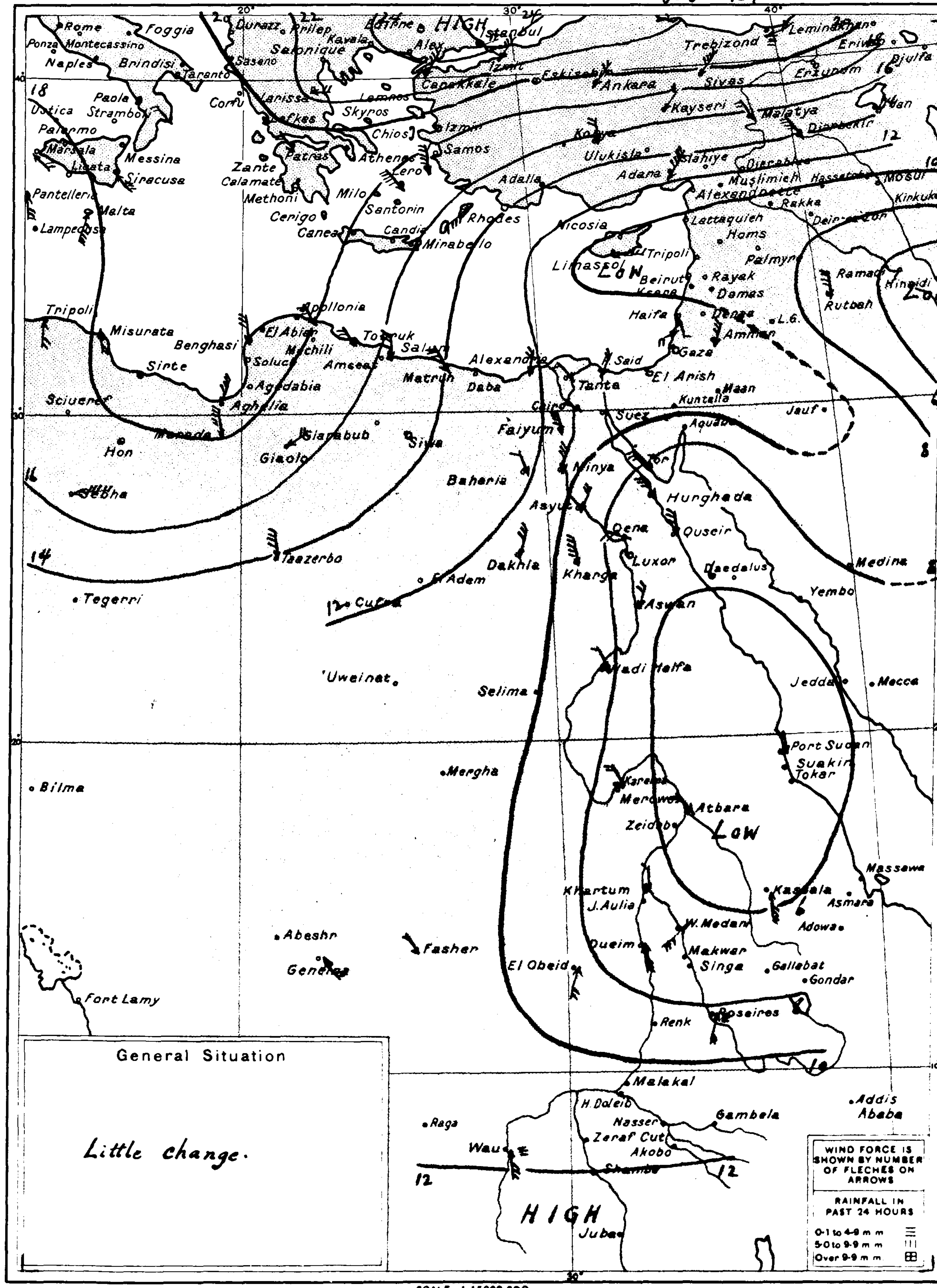
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
8-6	1123	1355
7-6	1122	1356

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8-6	13.38	-0.11	13.44	-0.05
Nâsser	7-6	7.89	+0.41	7.86	+0.43
Malakâl	8-6	10.86	+0.21	10.84	+0.21
Roseires	8-6	12.76	-0.01	12.95	+0.26
Sennâr Res.	7-6	7.15	—	7.10	—
Khartûm	7-6	10.86	+0.28	10.48	-0.08
Kh. el Girba	7-6	10.40	-0.05	10.42	-0.03
'Atbara	8-6	10.16	-0.03	10.10	-0.08
Kajnarti	8-6	131.68	-0.19	131.58	-0.30
Wâdi Halfa	8-6	1.39	+0.09	1.33	+0.03
Aswân Res.	8-6	110.77	—	110.98	—
,, D.S.	8-6	86.43	-0.14	86.03	-0.12
El Leisi	8-6	17.56	+0.56	[illegible]	[illegible]
Rôda (Cairo)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Printed by the Survey of Egypt. 1936. (36/530)

Pressure and Wind at 8h. 8-6-1937 ١٩٣٧-٦-٨



General Situation

Little change.

At 8h on 7th الساعة ٨ يوم ٧

STATION	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m. 3	Total fr. Oct 1 to yesterday m.m.	Normal fr. Oct 1 to yesterday m.m.	مرصد
Dakhla	1012.7	+1.6	NNW	4	26.3	35	-5	23	+1	38	+5	0	8	—	0	0	dr	—	الداخلة
Limassol	1011	0	—	0	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.3	+0.9	—	0	28.4	30	+1	23	+4	78	+12	0	—	—	—	0	365	645	حيفا
Gaza	1011.0	+0.7	—	0	24.9	30	+2	19	+2	80	+14	0	9	—	0	0	395	376	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

※ Khartum River Gauge Readings for 26.5.37 published on 27.5.37 should read 10.33 instead of 10.43 m.

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise h. m. 04 53
" sunset h. m. 18. 55

Month June, 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 8th — الساعة ١٤ يوم ٨ | At 8h. on Wednesday 9th — الساعة ٨ يوم الاربعاء ٩

No.	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1015.8	NNE	5	25.0	59	0	7	1015.9	+2.5	N	2	20.7	27	—	17	—	83	—	1	5	Cu	1	0	105	
131	MATRÛH	1014.2	NNW	4	24.2	75	0	6	1013.9	+0.9	NNW	3	22.2	25	-2	21	+3	83	+9	2	6	Cu	1	0	182	158
150	DIKHEILA	1012.9	NNW	3	24.7	88	0	—	1012.3	—	N	3	24.0	25	—	21	—	83	—	3	7	Sc	2	0	—	—
132	ALEXANDRIA	1012.4	NNW	5	25.5	79	0	8	1012.4	-0.4	NE	2	23.6	28	0	21	+1	81	+9	0	9	—	0	0	167	190
159	DAMIETTA								1011.8	—	NNE	1	28.8	34	—	21	—	65	—	0	8	—	0	0	75	116
134	PORT SAÏD	1011.8	NNW	3	30.2	54	0	8	1012.0	+0.7	NE	2	25.6	31	+3	22	+1	73	+5	0	8	—	0	0	38	81
135	EL 'ARÎSH	1010.0	NNW	2	29.2	54	0	7	1011.0	—	—	0	26.0	30	—	18	—	70	—	0	7	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1012.0	-0.5	N	2	26.5	34	+2	19	+2	63	+2	0	7	—	0	0	78	110
137	MANSÛRA								1011.4	—	NE	1	26.2	36	+2	20	+2	69	+4	0	8	—	0	0	45	57
138	TANTA	1010.4	N	2	35.0	35	0	7	1012.0	-0.8	—	0	26.0	36	+1	18	0	73	+13	0	7	—	0	0	54	48
139	ZAGÂZÎG	1010.2	NNW	2	34.8	28	0	8	1012.0	—	NNW	1	24.4	35	+1	18	0	81	+15	0	8	Ci	1	0	20	28
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1010.6	ENE	3	35.3	17	0	8	1012.0	—	NNW	1	23.7	36	—	18	—	75	—	2	7	St	4	0	—	—
	CAIRO EZBEKÎYA	1009.8	NNE	2	34.9	29	0	8	1011.5	-0.5	NW	2	24.1	37	+3	21	+2	79	+16	3	6	Sc	2	0	18	33
	CAIRO GÎZA	1009.3	NE	1	35.7	27	0	7	1011.2	-1.3	NNW	2	23.2	36	+1	19	+3	86	+23	3	5	Sc	2	0	16	30
143	HELWÂN	1009.5	N	5	34.8	14	0	7	1011.4	-0.9	NNW	4	23.2	36	+2	20	+1	73	+19	0	6	—	1	0	17	35
144	SUEZ								1010.7	-0.8	NNW	3	26.0	36	+2	22	+1	88	+19	0	6	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1009.4	N	4	36.1	17	0	8	1011.8	-0.5	N	4	25.0	37	+1	20	+1	62	+8	0	7	—	0	0	6	11
154	MINYA	1008.8	NNW	4	34.7	26	0	7	1010.6	-0.4	N	3	25.0	36	0	21	+2	64	+7	0	9	—	0	0	16	—
155	ASYÛT	1007.9	WNW	3	35.6	18	0	8	1009.4	-1.6	NW	2	27.2	37	0	21	0	42	-1	0	8	—	0	0	dr.	5
156	QENA	1005.9	W	2	41.0	18	0	9	1007.1	-2.0	WSW	1	29.5	41	+1	23	+1	37	-2	0	8	—	0	0	dr.	—
157	LUXOR	1005.6	—	0	41.8	35	0	8	1007.1	—	—	0	32.3	43	—	19	—	44	—	0	8	—	0	0	dr.	—
158	ASWÂN	1003.6	—	0	41.6	16	0	8	1006.0	-3.4	N	1	30.7	43	+2	24	0	26	-4	0	8	—	0	0	1	
	WESTERN DESERT																									
148	SÎWA	1012.8	N	2	35.5	37	0	6	1013.8	+1.3	—	0	22.9	37	+1	18	0	75	+22	0	6	—	0	0	29	7
149	BAHARÎYA	1010.7	NNW	1	35.0	48	—	9	1013.3	—	NNW	1	22.5	36	—	19	—	78	—	0	9	—	0	0	26	—
151	KHÂRGA	1007.8	N	3	36.8	36	0	9	1009.0	-0.9	N	5	30.3	38	-2	22	-1	48	+8	0	9	—	0	0	0	0
152	DÂKHLA	1009.8	NNW	4	35.0	31	0	8	1010.7	-0.4	—	0	30.5	36	-4	22	0	34	+2	0	8	—	0	0	dr.	—
	RED SEA																									
145	TÔR								1007.5	-1.2	NW	5	25.9	33	0	23	+1	70	-2	0	6	—	0	0	14	14
146	HURGHÂDA								1007.8	-1.4	NNW	3	29.0	33	-1	22	-1	40	-8	0	7	—	0	0	dr.	0
147	QUSEIR	1007.5	N	2	32.0	44	0	6	1007.5	-1.4	N	3	29.0	33	0	25	-1	52	+6	0	6	—	0	0	1	7
169	PORT SUDAN	1004.3	NE	3	41.5	—	0	—	1005.4	-1.7	N	2	34.0	—	—	25	0	42	+3	3	—	—	0	0	42	109
	NORTH SUDAN																									
165	WÂDI HALFA								1010.1	+1.0	NW	1	28.1	39	-2	23	0	28	+7	0	7	—	0	—	—	—
166	KAREIMA								1007.1	-1.1	NW	2	32.2	43	0	26	0	14	-3	1	8	Sc	1	0	1	4
167	'ATBARA								1004.2	-2.8	NW	5	37.0	45	+2	30	+4	16	0	0	—	—	0	0	5	9
168	KHARTÛM								1007.4	-0.8	NNW	3	29.9	43	+2	25	-1	21	-14	3	8	Ac,As	1	0	33	10
170	KASSALA								1006.3	-2.8	S	5	31.3	41	+1	28	+3	53	+8	0	7	—	0	0	30	33
	CENTRAL SUDAN																									
171	WAD MEDANI								1007.6	-1.0	WSW	4	32.6	43	+3	25	+1	30	-11	0	—	—	0	0	95	37
173	DUEIM	—	WSW	3	36.3	—	1	—	1008.3	-0.9	S	3	31.6	43	+3	24	0	34	-10	0	—	—	0	0	47	30
182	RENK																									
172	ROSEIRES								1008.3	-2.4	W	2	29.7	37	+1	24	+2	55	-5	0	—	—	1	0	100	142
174	EL OBEID								1009.7	-0.4	SSW	2	28.6	39	+1	24	+2	52	-2	4	8	Sc	0	0	66	43
175	EL FÂSHER								—	—	NW	1	29.0	41	+2	19	-3	9	-34	0	—	—	0	0	0	21
	S. SUDAN																									
176	MALAKÂL								1010.4	-1.1	SSW	4	25.6	33	0	23	+1	76	+2	3	8	Ac	1	0	—	247
177	WAU								1010.4	-0.1	SW	3	24.8	34	0	23	+2	77	0	2	—	—	2	0	431	426
178	JÛBA								1015.3	+3.0	ESE	3	23.9	33	+1	22	+1	91	+9	8	3	Sc	4	dr.	—	442
179	Geneina								—	—	W	1	21.1	39	—	16	—	27	—	1	8	Ci	0	0	—	—
180	Gallabat																									

Upper Wind Observations on 9th — ارصاد الرياح العليا يوم ٩

(Dir. E. of N. / Kms. per hour)

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms	Mutruh 07h.00m. Dir.	Kms	Dikheila 07h.00m. Dir.	Kms	Almaza 07h.30m. Dir.	Kms	Cairo 08h.00m. Dir.	Kms	Helwan 08h.30m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	W.Halfa 06h.00m. Dir.	Kms	Kareima 05h.00m. Dir.	Kms	Khartum 04h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Juba 06h.00m. Dir.	Kms	Geneina 06h.00m. Dir.	Kms
200	340	8	350	22	350	20	330	11	10	15	340	13	—	—	—	—	0	19	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	0	23	40	8	30	9	20	15	50	28	0	41	340	26	10	40	20	37	330	31	190	43	—	—	130	24	—	—
1000	30	22	ent. Cu.				50	28	ent. Cu.		40	26	350	61	10	21	0	47	10	43	330	40	200	56	270	43	160	13	—	—
1500	20	35					30	33			30	38	320	36	220	5	340	27	350	34	320	23	290	48	340	31			210	14
2000	0	19					20	33			30	37			240	12	240	8			320	21			350	24			80	13
3000							10	19									210	43							350	13			50	8
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 9th

Moderate north to northeast winds, fresh at times.
Clear or occasional medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٩

رياح معتدلة مابين الشمالية والشمالية الشرقية وتشتد نوعا احيانا
السماء صحو أو تظهر بعض السحاب الوسط
ودرجة الحرارة كما هي تقريبا

Station	Mean of day Humidity % on 9th	Diff from normal	Wet bulb temp. °C on 9th	Diff. from normal
Alexandria	86	+14	22.1	+2.4
Ezbekiya	56	+1	21.4	+0.5
Giza	59	+5	21.1	+1.2
Helwan	43	+3	18.4	+1.2

Giza Grass minimum on 9th 15.7 °C

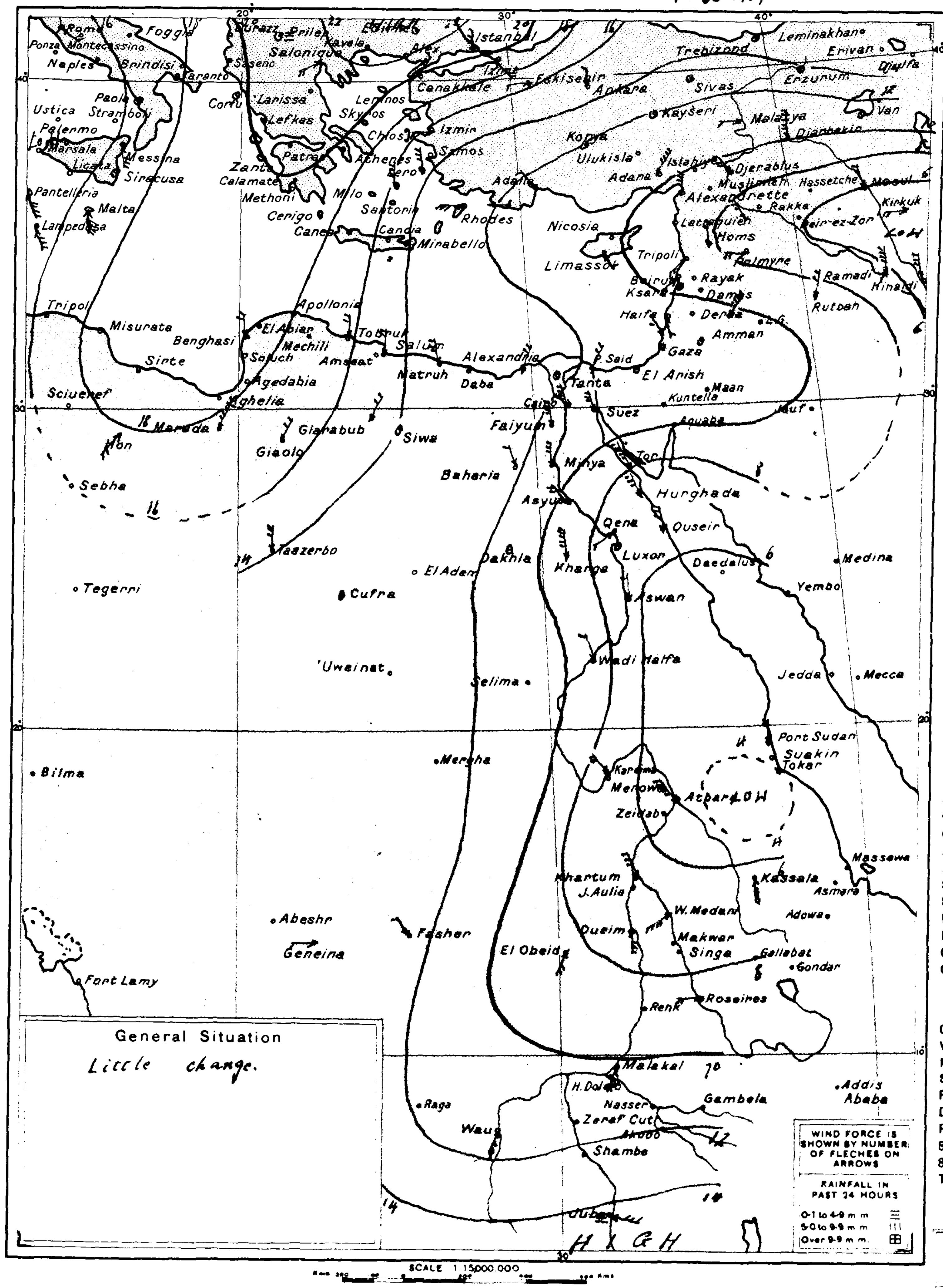
Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
9-6	1123	1353
8-6	1123	1355

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m
Jûba	9-6	13.42	-0.07	13.38	-0.11
Nâsser	8-6	7.93	+0.41	7.89	+0.41
Malakâl	9-6	10.88	+0.21	10.86	+0.21
Roseires	9-6	12.86	+0.01	12.76	-0.01
Sennâr Res.	8-6	7.12	—	7.15	—
Khartûm	8-6	10.85	+0.24	10.86	+0.28
Kh. el Girba	8-6	10.30	-0.16	10.40	-0.05
'Atbara	9-6	10.18	-0.02	10.16	-0.03
Kajnarti	8-6	131.68	-0.19	131.58	-0.30
Wâdi Halfa	8-6	1.39	+0.09	1.33	+0.13
Aswân Res	9-6	110.64	—	110.77	—
D. S.	9-6	86.03	-0.15	86.03	-0.14
El Leisi	9-6	17.57	+0.56	17.56	+0.56
Rôda (Cairo)	9-6	15.73	+0.23	15.73	+0.24

Printed by the Survey of Egypt 1936. (36/530)

١٩٣٧-٦-٩ Pressure and Wind at 8 h. 9-6-1937



General Situation

Little change.

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

PRESENT WEATHER	
Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

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

CLOUD FORM	
Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 9th — الساعة ٨ يوم ٩

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1009	-2	E	4	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.0	+0.6	SSE	1	28.7	32	+3	22	+3	69	+3	0	—	—	—	0	365	645	حيفا
Gaza	1010.8	+0.6	—	0	25.1	32	+4	20	+3	72	+6	0	9	—	0	0	345	376	غزه
Ships	43283 - 32206 - 30500 - 07826 - 617X0 - 12000 -																		سفن

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO
Time of sunrise 04 h. 53 m.
sunset 18 h. 55 m.

Month *June* 1937 ١٩٣٧ شهر يونيه

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

DAILY WEATHER REPORT ١٩٣٧-٦-١٠

No.	Region	STATION	At 14h. on 9th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 10th — Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1015.5	NNE	3	24.0	57	0	8	1015.6	+2.2	NNW	2	22.3	26	—	15	—	50	—	0	7	—	0	0	105	—
131		MATRÛH								1014.3	+1.4	NNW	2	22.8	25	-2	18	0	75	+1	0	6	—	0	0	182	158
150		DIKHEILA	1012.3	NNW	3	25.6	82	2	—	1013.2	—	NNW	2	23.4	25	—	22	—	79	—	3	7	Sc	1	0	—	—
132		ALEXANDRIA	1012.3	N	2	25.6	75	1	8	1013.4	+0.7	N	1	23.3	28	0	21	+1	78	+6	3	8	Cu	2	0	167	190
159		DAMIETTA								1012.2	—	NNW	1	28.3	32	—	20	—	64	—	0	8	—	0	0	75	116
134		PORT SAÏD	1011.6	NE	3	28.3	59	0	7	1012.2	+0.9	N	2	25.2	29	+1	23	+2	70	+2	0	8	—	0	0	38	81
135		EL 'ARÎSH	1010.4	NNW	3	26.2	66	0	7	1011.8	—	NNW	1	26.2	27	—	17	—	67	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1013.0	+0.6	N	1	26.7	33	0	19	+2	58	-3	0	8	—	0	0	78	110
137		MANSÛRA								1012.4	—	NNE	1	26.4	35	+1	19	+1	53	-12	0	8	—	0	0	45	57
138		TANTA	1010.7	NW	2	33.0	42	2	7	1012.7	0.0	—	0	26.0	34	-1	16	-2	69	+8	0	7	—	0	0	54	48
139		ZAGÂZÎG	1010.6	NNE	4	33.4	31	0	8	1012.8	—	NNW	1	24.4	33	-1	16	-2	78	+12	0	8	—	0	0	20	28
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1010.8	NNW	3	33.9	25	0	8	1012.8	—	NNE	2	23.3	35	—	16	—	74	—	2	7	St	0	—	—	—
		EZBEKÎYA	1009.5	NNE	2	34.2	30	0	8	1012.4	+0.5	NNE	2	24.8	36	+2	19	0	77	+7	2	6	Cu	1	0	18	33
		GÎZA	1009.1	NNE	2	34.1	31	0	7	1012.0	-0.4	N	2	22.8	35	0	17	+1	80	+17	1	6	Sc	1	0	16	30
143		HELWÂN	1009.1	NNE	5	34.1	15	0	7	1012.6	+0.4	NNW	3	23.9	34	0	18	-1	57	+3	0	5	Cu	0	0	17	35
144		SUEZ								1012.2	+0.7	N	2	25.0	35	+1	20	-1	85	+16	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1009.5	NNE	4	34.9	20	0	8	1012.6	+0.3	NNE	4	25.6	36	0	20	+1	61	+7	0	8	—	0	0	6	11
154		MINYA	1009.6	N	4	34.3	26	0	7	1011.2	+0.3	NNE	3	26.7	35	-1	21	+2	43	-15	0	8	—	0	0	16	—
155		ASYÛT	1007.9	WNW	3	35.2	15	0	8	1010.7	-0.2	W	2	28.2	37	0	20	-1	35	-8	0	8	—	0	0	dr.	5
156		QENA	1005.8	WSW	1	40.0	25	0	9	1008.8	-0.2	WSW	1	29.0	41	+1	22	0	40	+1	0	8	—	0	0	dr.	—
157		LUXOR	1005.5	NW	1	40.3	34	0	8	1008.7	—	SW	1	32.3	42	—	20	—	43	—	0	8	—	0	0	dr.	—
158		ASWÂN	1003.2	—	0	41.3	17	0	8	1007.6	-1.7	N	2	31.5	44	+3	26	+1	29	-1	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1011.9	—	0	33.9	42	0	6	1014.8	+2.3	—	0	21.6	36	0	16	-3	78	+25	0	6	—	0	0	29	7
149		BAHARÎYA	1010.0	NNW	1	34.0	28	0	9	1013.6	—	NE	1	23.6	35	—	19	—	77	—	0	9	—	0	0	26	—
151		KHÂRGA	1007.4	N	4	37.6	31	0	9	1010.8	+1.0	N	3	29.7	38	-2	21	-2	48	+8	0	9	—	0	0	0	0
152		DÂKHLA	1009.4	NNW	4	35.8	34	0	6	1011.9	+0.9	—	0	29.6	37	-3	22	0	37	+5	0	8	—	0	0	dr.	—
145	RED SEA	TÔR								1008.2	-0.4	NW	5	25.6	31	-2	22	0	58	-14	0	6	—	0	0	14	14
146		HURGHÂDA								1007.9	-1.3	NNW	4	29.7	33	-1	22	-1	30	-18	0	6	—	0	0	dr.	0
147		QUSEIR	1007.1	N	3	31.0	49	0	6	1008.3	-0.5	NNW	3	30.0	33	0	25	-1	47	+1	0	6	—	0	0	1	7
169		PORT SUDAN	1004.6	NE	2	37.2	—	2	—																		
165	NORTH SUDAN	WÂDI HALFA	1008.0	NW	5	37	—	0	7	1011.3	+2.2	NNW	3	28.0	39	-2	23	0	27	+6	0	7	Ci	0	—	—	—
166		KAREIMA	1004.1	NW	3	42	—	1	8	1008.0	-0.2	NNW	3	31.7	44	+1	24	-2	19	+2	0	8	Ac	0	0	1	4
167		'ATBARA	1001.1	N	2	44.1	—	0	—																		
168		KHARTÛM	1002.5	NNW	3	41	—	1	8	1008.8	+0.6	SW	2	31.2	43	+2	30	+4	22	-13	0	8	Ac	0	0	33	10
170		KASSALA	1000.8	S	2	39	—	0	8	1007.9	-1.2	S	5	30.8	42	+2	28	+3	53	+8	0	8	—	0	0	30	34
171	CENTRAL SUDAN	WAD MEDANI	1001.8	ENE	3	42.2	—	0	—																		
173		DUEIM	1003.5	SW	3	41.6	—	0	—																		
182		RENK	—	SSW	3	36.0	—	3	—																		
172		ROSEIRES	1007.0	ESE	2	30.6	—	2	—																		
174		EL OBEID	1006.1	NNE	3	37	—	3	8																		
175		EL FÂSHER								—	—	SW	3	28.0	42	+3	23	+1	42	-1	0	—	—	0	0	0	21
176	S. SUDAN	MALAKÂL	1008.4	SW	4	32	—	4	8																		
177		WÂU																									
178		JÛBA																									
179		Geneina	—	SE	3	37	—	2	8	—	—	S	2	25.2	39	—	18	—	11	—	2	8	Cs	0	0	—	—
180		Gallabat	—	W	3	34.9	—	1	—																		

الساعة ١٤ يوم ٩ — الساعة ٨ يوم الخميس ١٠

Upper Wind Observations on 10th — ارصاد الرياح العليا يوم ١٠

Dir. E. of N. / Kms per hour

Height metres above M.S.L.	Salum 07h00m. Dir.	Kms	Matruh 07h00m. Dir.	Kms	Almaza 07h15m. Dir.	Kms	Cairo 08h00m. Dir.	Kms	Helwan 08h30m. Dir.	Kms	Asyut 07h00m. Dir.	Kms	Aswan 07h00m. Dir.	Kms	Kareima 05h00m. Dir.	Kms	Khartum 07h00m. Dir.	Kms	Kassala 06h00m. Dir.	Kms	Geneina 06h00m. Dir.	Kms	Ismailia R.A.F. 07h00m. Dir.	Kms	Abukir R.A.F. 07h00m. Dir.	Kms	Heliopolis R.A.F. 07h00m. Dir.	Kms	Salum 9th 13h00m. Dir.	Kms
200	320	9	350	13	30	12	20	14	0	27	10	46	350	29	—	—	—	—	—	—	—	—	20	18	330	14	40	11	20	16
500	—	—	20	28	40	20	40	20	40	35	0	45	330	17	10	43	—	0	190	32	—	—	20	27	340	14	30	24	—	—
1000	0	29	30	12	30	25	30	22	40	19					10	60	50	24	210	53	—	—	30	21	350	13	30	31	330	11
1500	10	32	310	8	0	40			10	44					0	50	30	37	230	63	250	29	0	21	330	18	350	27	10	24
2000	340	28	340	24	10	27			10	25					320	37			260	27	260	37	350	27	330	18			350	19
3000			340	24	230	3			330	10											260	34	210	8						
4000					240	5			230	14																				
5000									230	31																				
6000									220	74																				
7000									230	84																				

Forecast for 24 hours from noon on 10th

Moderate north to northeast winds, fresh at times.
Mainly clear.
Normal temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٠

رياح معتدلة بين شمالية وشمالية شرقية تشتد قوتها أحيانا

السماء صحو على العموم

درجة الحرارة حوالى المعدل

STATION	Mean of day — Humidity % 9th	Diff. from normal	Wet bulb temp. °C 9th	Diff. from normal
Alexandria	83	+11	21.9	+2.1
Ezbekiya	58	+3	21.3	+0.3
Gîza	64	+10	21.5	+1.5
Helwân	45	+5	18.6	+1.3

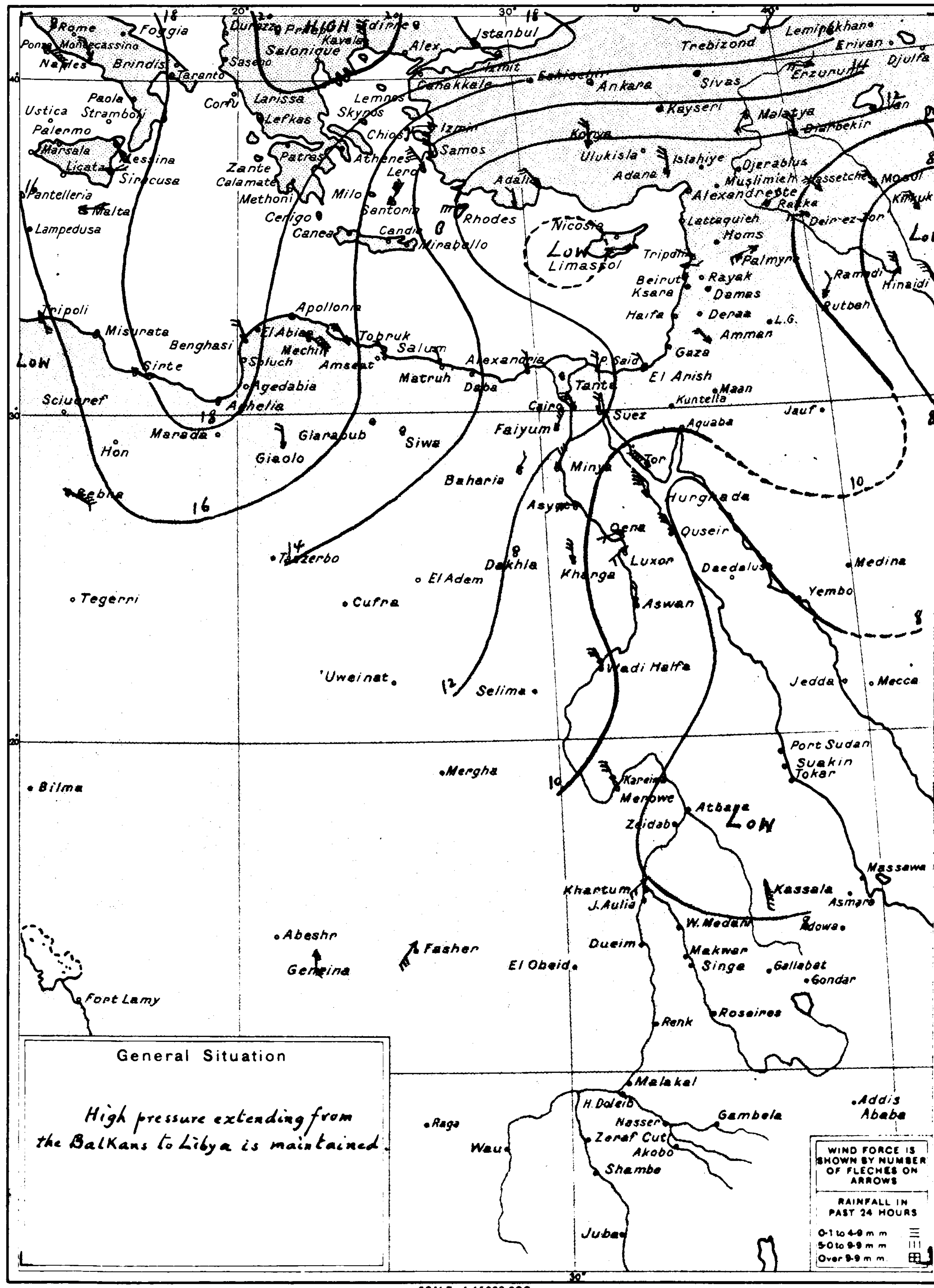
Gîza Grass minimum on 10th 14.4°C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
10-6	1157	1358
9-6	1123	1353

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9-6	13.42	+0.07	13.38	-0.11
Nâsser	9-6	7.96	+0.37	7.93	+0.41
Malakâl	10-6	10.89	+0.20	10.88	+0.21
Roseires	10-6	12.75	-0.16	12.86	+0.01
Sennâr Res.	9-6	7.14	—	7.12	—
Khartûm	9-6	10.80	+0.17	10.85	+0.24
Kh. el Girba	9-6	10.30	-0.20	10.30	-0.15
'Atbara	10-6	10.18	-0.03	10.18	-0.02
Kajnarti	9-6	131.78	-0.13	131.68	-0.19
Wâdi Halfa	9-6	1.45	+0.14	1.39	+0.09
Aswân Res.	10-6	110.31	—	110.54	—
,, D. S.	10-6	86.08	-0.12	86.03	-0.15
El Leisi	10-6	17.60	+0.58	17.67	+0.56
Rôda (Cairo)	10-6	15.75	+0.25	15.73	+0.23

Pressure and Wind at 8 h. 10-6-1937



General Situation

High pressure extending from the Balkans to Libya is maintained.

STATION	At 8h. on 9th — Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1011	0	SE	1	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.7	+1.4	SSE	1	29.7	32	+3	23	+4	67	+1	0	—	—	—	0	365	646	حيفا
Gaza	1010.8	+0.6	—	0	26.9	35	+7	18	+1	62	-4	0	9	—	0	0	395	376	غزة

الساعة ٨ يوم ٩

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post ... P.T 100
Abroad ... P.T 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO
Time of sunrise h. 04 m. 53
sunset h. 18 m. 56

Month *June* 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 10th — الساعة ١٤ يوم ١٠ | At 8h. on Friday 11th — الساعة ٨ يوم الجمعة ١١

No.	Region	Station	14h. Barometric Pressure Reduced to M.S.L. m.b.	14h. Wind Dir.	14h. Wind Force	14h. Temperature °C	14h. Humidity %	14h. Present Weather	14h. Visibility	8h. Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1015.2	NE	2	24.2	47	0	8	1016.0	+2.7	NNW	3	22.0	26	—	16	—	70	—	0	7	—	0	0	105	—
131		MATRÛH								1014.4	+1.5	NW	3	22.6	25	-2	17	-1	84	+9	1	6	Cu	1	0	182	158
150		DIKHEILA	1012.4	NNW	4	24.0	82	0	—	1013.2	—	NW	4	23.0	25	—	21	—	77	—	3	7	Sc	2	0	—	—
132		ALEXANDRIA	1013.0	N	5	25.4	69	2	8	1013.1	+0.5	N	4	23.0	27	-1	21	+1	73	+1	2	8	Cu	2	0	167	190
154		DAMIETTA								1012.0	—	WNW	1	26.3	31	—	18	—	70	—	1	8	Ac.	1	0	75	116
134		PORT SAÏD	1012.0	NE	3	28.6	59	0	7	1012.4	+1.2	SW	2	25.0	30	+2	21	0	70	+2	2	8	Cc.	2	0	38	81
135		EL ʻARÎSH	1010.6	NNW	2	26.0	69	0	7	1011.8	—	WSW	1	25.5	28	—	17	—	65	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1012.8	+0.6	NNW	2	25.0	31	-2	17	-1	67	+6	0	7	—	0	0	78	110
137		MANSÛRA								1012.4	—	N	1	23.9	34	0	18	0	70	+5	1	7	Cs.	1	0	45	57
138		TANTA	1011.4	N	3	32.0	43	1	7	1013.3	+0.7	NW	2	23.0	33	-2	16	-2	74	+13	3	7	Ac.	1	0	54	48
139		ZAGÂZÎG	1011.2	NNW	1	32.8	30	0	8	1013.3	—	WNW	1	24.9	33	-1	19	+1	68	+2	0	8	Ci	1	0	20	28
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1011.8	NNW	3	32.8	24	0	8	1013.3	—	NNW	3	23.2	34	—	17	—	66	—	2	8	Sc	2	0	—	—
	CAIRO	EZBEKÎYA	1010.6	N	2	32.9	30	0	8	1012.8	+1.0	NNW	2	24.7	35	+1	20	+1	64	0	2	—	Sc	2	0	18	33
	CAIRO	GÎZA								1012.3	-0.1	NNW	2	22.4	34	-1	18	+1	76	+12	2	5	Sc	2	0	16	30
143		HELWÂN	1010.3	NW	4	31.9	16	0	6	1013.1	+0.9	NNW	3	21.9	33	-1	19	0	68	+14	6	7	Se	1	0	17	35
144		SUEZ								1012.2	+0.8	NW	2	23.8	34	-1	20	-1	94	+24	0	6	Ci	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1010.4	NNW	4	33.0	21	0	8	—	—	NNW	3	23.5	34	-2	19	-1	62	+8	0	7	—	0	0	6	11
154		MINYA	1010.2	N	4	33.2	20	0	7	1012.2	+1.3	NNW	3	24.7	34	-2	20	+1	63	+5	0	9	—	0	0	16	—
155		ASYÛT	1009.5	NNW	3	34.0	18	0	8	1012.2	+1.3	WSW	3	26.0	35	-2	20	-1	55	+12	0	8	—	0	0	dr	5
156		QENA	1007.2	W	3	38.5	22	0	9	1010.4	+1.5	WNW	1	27.5	40	0	22	-1	39	0	0	8	—	0	0	dr	—
157		LUXOR	1007.1	NNW	3	38.4	35	0	8	1010.4	—	NE	1	31.7	40	—	21	—	41	—	0	8	—	0	0	dr	—
158		ASWÂN	1005.5	N	2	39.5	13	0	8	1010.0	+0.8	NNW	2	31.7	44	+3	23	-2	25	-5	0	8	—	0	0	1	
148	WESTERN DESERT	SÎWA	1012.8	--	0	33.5	35	0	6	1015.0	+2.6	NE	2	24.1	35	-1	18	-1	69	+15	0	6	—	0	0	29	7
149		BAHARÎYA	1011.6	NW	1	33.0	58	—	9	1013.9	—	NNE	1	23.0	34	—	17	—	66	—	0	9	—	0	0	26	—
151		KHÂRGA	1009.1	N	4	37.0	32	0	9	1011.9	+2.2	NE	3	24.0	37	-3	21	-2	54	+14	0	9	—	0	0	0	0
152		DÂKHLA	1010.6	NNW	3	35.0	37	0	6	1011.9	+1.0	—	0	30.5	36	-4	21	-1	37	+5	0	9	—	0	0	dr.	—
145	RED SEA	TÔR								—	—	NW	5	26.0	31	-2	22	-1	59	-14	0	6	—	0	0	14	14
146		HURGHÂDA								1010.3	+1.1	NNW	3	29.3	34	0	20	-3	33	-15	0	7	—	0	0	dr.	0
147		QUSEIR	1007.8	N	3	30.9	48	0	6	1009.3	+0.6	N	3	30.2	32	-1	24	-2	46	0	0	6	—	0	0	1	7
169		PORT SUDAN								1007.2	+0.3	SW	1	34.8	—	—	26	+1	38	-1	0	—	—	0	0	42	109
165	NORTH SUDAN	WÂDI HALFA								1012.4	+3.4	NNW	2	27.5	38	-3	21	-2	24	+3	—	7	—	0	—	—	—
166		KAREIMA								1009.2	+1.1	NNE	3	33.0	44	+1	24	-2	21	+3	0	8	—	0	0	1	4
167		ʻATBARA								1007.4	+0.5	NW	5	35.0	44	+1	27	+1	18	+1	0	—	—	0	0	5	9
168		KHARTÛM								1010.2	+2.0	NNW	2	29.4	42	+1	24	-2	24	-11	0	8	—	0	0	33	11
170		KASSALA								1009.3	+0.1	SE	5	27.6	40	+1	25	0	57	+12	0	8	—	0	0	30	35
171	CENTRAL SUDAN	WAD MEDANI								1008.4	-0.3	SSW	5	31.2	40	0	25	+1	43	+1	0	—	—	0	0	95	40
173		DUEIM								1009.8	+0.5	S	3	31.2	42	+2	25	+1	43	-2	0	—	—	0	0	47	32
		RENK																									
172		ROSEIRES								1011.1	+0.3	NW	2	27.7	37	+1	25	+3	53	-8	2	—	—	2	dr.	100	150
174		EL OBEID								1010.5	+0.4	SSW	2	29.8	39	+1	25	+3	53	-2	0	8	Ci	0	0	66	45
175		EL FÂSHER								—	—	NNW	1	30.0	41	+2	24	+2	33	-11	0	—	—	0	0	0	22
176	S. SUDAN	MALAKÂL								1011.4	-0.2	S	3	27.3	33	0	24	+2	69	-6	4	8	Sc	1	0	210	257
177		WÂU								1012.2	+1.6	SW	1	24.8	32	-2	21	0	89	+11	4	—	—	1	0	451	437
178		JÛBA								1014.8	+2.5	SW	3	22.9	34	+2	20	-1	91	+9	4	6	Sc	2	8	581	452
179		Geneina								—	—	—	0	25.2	39	—	18	—	54	—	2	8	Ci	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 11th — ارصاد الرياح العليا يوم ١١

Height metres above M.S.L.	Dikheila 07h.30m. Dir. E. of N.	Dikheila Kms per hour	Almaza 7h.30m. Dir.	Almaza Kms	W. Halfa 06h.00m. Dir.	W. Halfa Kms	Kareima 06h.00m. Dir.	Kareima Kms	Khartum 05h.00m. Dir.	Khartum Kms	Kassala 07h.00m. Dir.	Kassala Kms	Obeid 06h.00m. Dir.	Obeid Kms	Malakal 06h.00m. Dir.	Malakal Kms	Juba 06h.00m. Dir.	Juba Kms	Geneina 07h.00m. Dir.	Geneina Kms
200	330	35	320	16	30	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—
500	340	29	330	11	20	39	10	50	20	23	190	31	--	—	170	27	220	21	—	—
1000	340	19	0	11	10	37	0	53	20	40	200	63	250	34	180	27	250	19	250	19
1500	20	20	340	22	330	34	0	37	0	40	230	37	320	21	200	13	260	14	0	14
2000	0	19	330	23	300	40	310	43	0	18	250	50	30	31	10	10	220	14	0	11
3000			300	17			290	24	30	11					340	14	250	21	0	16
4000									40	14							290	13		
5000																	180	3		
6000																				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 10th	Diff from normal	Wet bulb temp. °C on 10th	Diff from normal
Alexandria	78	+6	20.7	+0.8
Ezbekiya	60	+5	21.1	0.0
Giza	66	+11	21.4	+1.3
Helwân	45	+5	18.4	1.0

Gîza Grass minimum on 11th 15.4°C

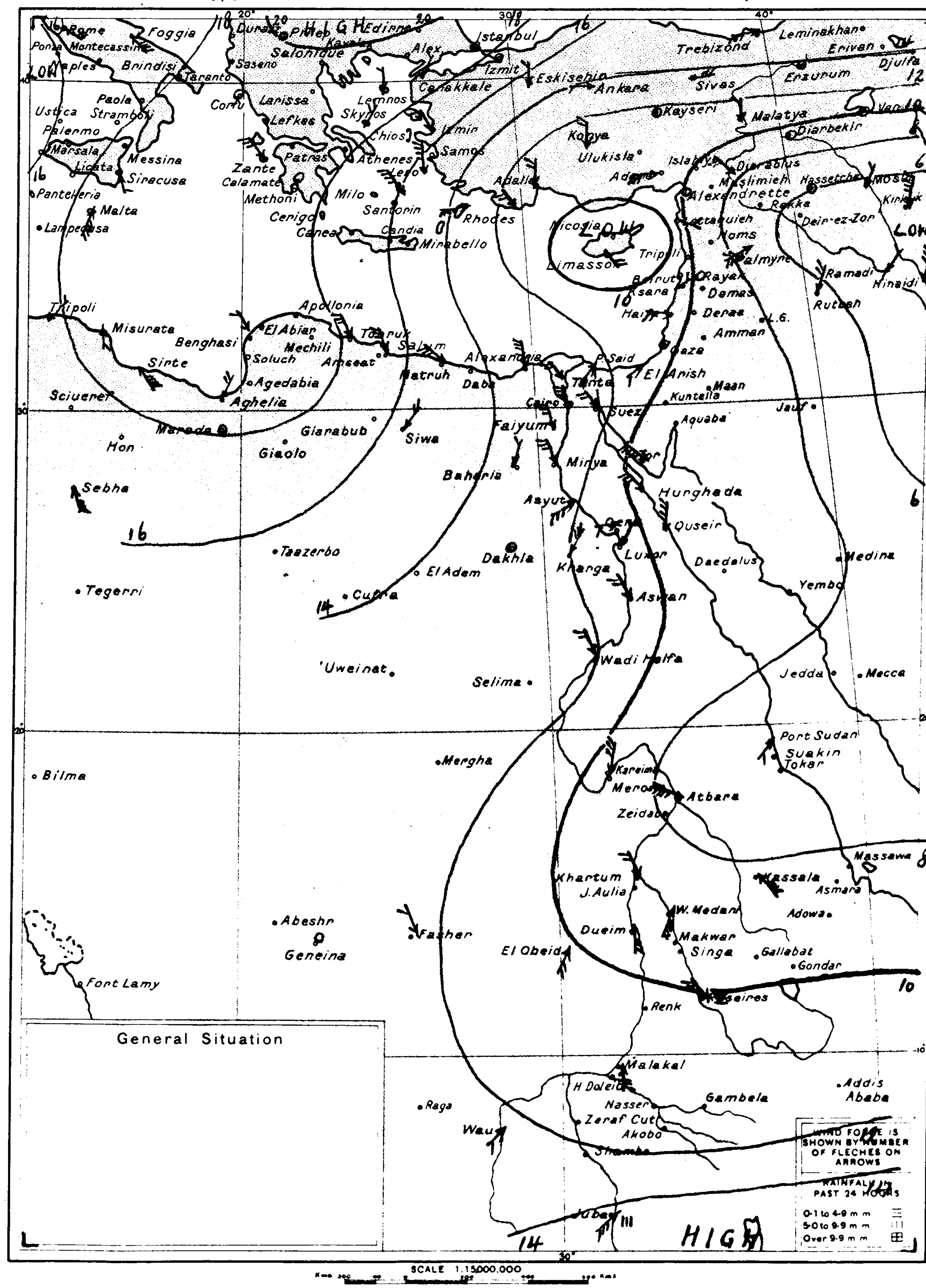
Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
11.6	1169	1377
10.6	1157	1358

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	11.6	13.44	-0.04	13.43	-0.06
Nâsser	10.6	7.96	+0.32	7.96	+0.37
Malakâl	11.6	10.90	+0.19	10.89	+0.20
Roseires	11.6	12.75	-0.20	12.75	-0.16
Sennâr Res.	11.6	7.12	—	7.18	—
Khartûm	11.6	10.74	+0.05	10.75	+0.09
Kh. el Girba	11.6	10.29	-0.33	10.30	-0.25
ʻAtbara	11.6	10.18	-0.04	10.18	-0.03
Kajnarti	11.6	131.81	-0.18	131.82	-0.13
Wâdi Halfa	11.6	1.50	+0.14	1.49	+0.16
Aswân Res.	11.6	110.08	—	110.31	—
D. S.	11.6	86.10	-0.12	86.08	-0.12
El Leisi	11.6	17.62	+0.59	17.60	+0.58
Rôda (Cairo)	11.6	15.75	+0.24	15.75	+0.25

Printed by the Survey of Egypt. 1936. (36/530)

١١-٦-١٩٣٧ Pressure and Wind at 8h. 11.6.1937.



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8h on 10.6.1937. — الساعة ٨ يوم ١٠-٦-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm. °C	Min. To day °C	Min. Diff from norm. °C	Humidity %	Humidity Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr Oct 1 to yesterday m.m.	Rainfall Normal fr Oct 1 to yesterday m.m.		مرصد
Limasol	1011	0	E	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	—	ليماسول
Haifa	1010.8	+1.6	SSW	1	26.9	30	+1	20	+1	81	+15	0	—	—	—	0	365	648	—	حيفا
Gaza	1011.1	+1.0	—	0	24.6	31	+3	18	0	74	+7	0	9	—	0	0	395	376	—	غزه

Remarks

ANNUAL SUBSCRIPTION

Inland Post	P.T. 100
Abroad	P.T. 150

CAIRO
Time of sunrise h. m. 04 53
sunset h. m. 18·56

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

DAILY WEATHER REPORT

Month *June* 1937 ١٩٣٧ شهر يونيه — ١٩٣٧-٦-١٢

No.	Region	STATION	At 14h. on 11th (الساعة ١٤ يوم ١١) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Saturday 12th (الساعة ٨ يوم السبت ١٢) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1016.2	NNE	4	24.9	58	0	8	1015.6	+2.3	NNW	3	22.9	27	—	17	—	65	—	0	7	—	0	0	105	—
131	MEDITERRANEAN	MATRÛH								1013.6	+0.8	WNW	5	23.2	25	-2	18	0	87	+12	0	6	—	0	0	182	158
150	MEDITERRANEAN	DIKHEILA	1012.3	NW	5	24.2	75	1	8	1011.3	—	NW	4	24.2	25	—	21	—	78	—	2	8	Cu	0	0	—	—
132	MEDITERRANEAN	ALEXANDRIA	1012.6	NNW	5	25.3	69	1	9	1012.0	-0.5	NNW	4	23.5	27	-1	21	+1	77	+5	2	8	Cu	2	0	167	190
159	MEDITERRANEAN	DAMIETTA								1010.6	—	WSW	2	25.5	31	—	19	—	74	—	2	8	Cu	1	0	75	116
134	MEDITERRANEAN	PORT SAÏD	1011.9	SW	4	28.0	65	0	8	1011.1	-0.1	SW	2	25.2	29	0	21	0	71	+3	2	8	As	4	0	38	81
135	MEDITERRANEAN	EL 'ARÎSH	1011.0	NNW	2	26.2	66	0	7	1010.4	—	WSW	1	25.7	27	—	18	—	67	—	1	7	Cu	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1011.9	-0.3	W	4	26.0	30	-3	18	0	66	+5	2	7	Cu	2	0	78	110
137	LOWER EGYPT	MANSÛRA								1011.1	—	NW	1	24.5	33	-1	21	+3	72	+6	1	7	Cc	1	0	45	57
138	LOWER EGYPT	TANTA	1012.3	N	4	31.0	50	2	7	1011.8	-0.7	NW	4	24.4	32	-3	19	+1	80	+19	3	6	Cu	1	0	54	48
139	LOWER EGYPT	ZAGÂZÎG	1011.1	NNW	1	32.1	35	0	8	1011.9	—	WNW	1	24.8	32	-2	20	+2	72	+6	0	8	Ci	1	0	20	28
141	MIDDLE EGYPT	CAIRO ALMÂZA	1011.4	NNW	3	31.1	33	0	8	1012.4	—	W	3	23.1	32	—	18	—	74	—	2	8	St	2	0	—	—
	MIDDLE EGYPT	CAIRO EZBEKÎYA	1010.7	NNW	2	31.9	37	0	8	1011.8	0.0	W	2	24.9	34	-1	21	+2	68	+4	2	6	Cu	1	0	18	33
	MIDDLE EGYPT	CAIRO GÎZA	1010.3	NNW	2	32.2	37	0	7	1011.2	-1.1	NNW	2	23.2	34	-1	19	+2	75	+11	1	6	Sc	1	0	16	30
143	MIDDLE EGYPT	HELWÂN	1010.6	NNW	4	30.0	58	0	6	1012.2	+0.1	NW	2	22.0	32	-2	20	0	72	+18	0	6	Cu	1	0	17	35
144	MIDDLE EGYPT	SUEZ								1011.4	+0.1	N	1	24.0	33	-2	19	-2	91	+21	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1010.6	NNW	4	30.9	31	0	8	1012.6	+0.4	NW	1	24.2	34	-2	19	-1	66	+11	0	7	—	0	0	6	11
154	UPPER EGYPT	MINYA	1011.2	NNW	4	32.7	31	0	8	1012.0	+1.1	N	3	23.6	33	-3	19	-1	69	+11	0	9	—	0	0	16	—
155	UPPER EGYPT	ASYÛT	1010.4	NW	4	33.0	21	0	8	1011.8	+1.0	WNW	3	25.0	34	-3	20	-1	61	+17	0	8	—	0	0	dr.	5
156	UPPER EGYPT	QENA	1007.9	WNW	3	38.0	22	0	9	1009.3	+0.5	ENE	2	28.6	39	-1	21	-2	41	+2	0	8	—	0	0	dr.	—
157	UPPER EGYPT	LUXOR	1008.0	NNW	4	37.2	38	0	8	1009.8	—	WNW	1	31.6	38	—	19	—	40	—	0	8	—	0	0	dr.	—
158	UPPER EGYPT	ASWÂN	1007.4	N	4	37.0	16	0	8	1009.3	+0.1	—	0	30.0	39	-2	23	-2	38	+8	0	8	—	0	0	1	
148	WESTERN DESERT	SÎWA	1015.2	--	0	31.6	44	0	6	1014.4	+2.1	—	0	25.0	35	-1	17	-2	65	+11	0	6	—	0	0	29	7
149	WESTERN DESERT	BAHARÎYA	1011.9	NNW	5	33.0	—	0	9	1013.8	—	N	1	23.5	34	—	19	—	70	—	0	9	—	0	0	26	—
151	WESTERN DESERT	KHÂRGA	1009.5	N	1	37.4	33	0	9	1011.0	+1.4	N	3	28.8	37	-3	21	-2	57	+17	0	9	—	0	0	0	0
152	WESTERN DESERT	DÂKHLA	1011.2	NNW	3	35.5	21	0	7	1012.8	+1.9	SE	1	28.5	36	-4	22	0	31	-1	0	9	—	0	0	dr	—
145	RED SEA	TÔR								1009.4	+0.9	NW	4	24.8	31	-2	20	-3	69	-4	0	6	—	0	0	14	14
146	RED SEA	HURGHÂDA								1009.8	+0.7	NNW	3	28.3	34	0	22	-1	38	-10	0	6	—	0	0	dr.	0
147	RED SEA	QUSEIR	1008.2	N	3	30.7	40	0	6	1009.4	+0.8	NW	3	29.2	32	-1	24	-2	51	+5	0	6	—	0	0	1	7
169	RED SEA	PORT SUDAN	1005.6	NNE	3	35.1	—	3	—	1007.2	+0.4	NW	2	34.5	—	—	25	0	28	-11	0	—	—	0	0	42	109
165	NORTH SUDAN	WÂDI HALFA	1010.5	NW	6	37.0	—	6	7	1011.2	+2.3	NNW	3	27.8	37	-4	21	-2	33	+12	0	7	—	0	—	—	—
166	NORTH SUDAN	KAREIMA	1007.1	NNW	5	40.0	—	0	8	1008.5	+0.4	NE	2	32.0	41	-2	23	-3	14	-4	0	8	—	0	0	1	4
167	NORTH SUDAN	'ATBARA	1004.3	NNW	2	42.0	—	0	—	1006.4	-0.4	N	4	33.7	42	-1	23	-3	22	+5	0	—	—	0	0	5	9
168	NORTH SUDAN	KHARTÛM	1006.2	NW	3	43.7	—	0	8	1007.9	-0.4	S	1	29.0	42	+1	25	-1	24	-12	0	8	—	0	0	33	11
170	NORTH SUDAN	KASSALA	—	S	4	37.6	—	0	8	1006.4	-2.8	SE	3	29.8	39	0	25	0	47	+1	1	8	Cc	0	0	30	36
171	CENTRAL SUDAN	WAD MEDANI	1006.5	SW	1	39.0	—	1	—	1006.6	-2.1	W	3	34.0	41	+1	25	+1	27	-16	0	—	—	0	0	95	41
173	CENTRAL SUDAN	DUEIM	1006.8	N	2	39.4	—	0	—	1007.6	-1.7	S	3	32.4	41	+1	25	+1	40	-5	0	—	—	0	0	47	32
182	CENTRAL SUDAN	RENK																									
172	CENTRAL SUDAN	ROSEIRES								1007.9	-2.9	SW	2	29.0	40	+4	25	+3	53	-9	3	—	—	2	dr.	100	154
174	CENTRAL SUDAN	EL OBEID	1007.1	NNW	3	38.9	—	2	8	1008.9	-1.2	W	2	30.3	39	+1	23	+1	25	-30	2	8	Cs	0	0	66	46
175	CENTRAL SUDAN	EL FÂSHER	—	E	1	40.5	—	0	—	—	—	WNW	1	28.0	42	+3	23	+1	17	-27	0	—	—	0	0	0	22
176	S. SUDAN	MALAKÂL	1008.7	S	2	34.8	—	4	8	1009.0	-2.6	SSW	3	27.6	35	+2	23	+1	63	-12	2	8	Ac	0	0	210	262
177	S. SUDAN	WÂU	1009.1	SW	3	32.2	—	3	—	1010.0	-0.6	WSW	3	24.9	32	-2	22	+1	77	-1	2	—	—	9	0	451	442
178	S. SUDAN	JÛBA	1009.9	ENE	3	32.8	—	3	7																		
179		Geneina	—	SE	2	37.3	—	2	8	—	—	SW	4	24.7	38	—	20	—	47	—	2	8	Ci	0	0	—	—
180		Gallabat	—	W	2	40.3	—	0	—																		

Upper Wind Observations on 12th
ارصاد الرياح العليا يوم ١٢

Height metres above M.S.L.	Salum 07h 00m Dir. E. of N.	Salum Kms per hour	Matruh 07h 00m Dir.	Matruh Kms	Dikheila 07h 30m Dir.	Dikheila Kms	Cairo 07h 45m Dir.	Cairo Kms	Helwan 08h 30m Dir.	Helwan Kms	Asyut 07h 00m Dir.	Asyut Kms	Aswan 07h 00m Dir.	Aswan Kms	W. Halfa 06h 00m Dir.	W. Halfa Kms	Kareima 05h 00m Dir.	Kareima Kms	Khartum 04h 00m Dir.	Khartum Kms	Kassala 07h 00m Dir.	Kassala Kms	El Obeid 06h 00m Dir.	El Obeid Kms	Malakal 06h 00m Dir.	Malakal Kms	Geneina 06h 00m Dir.	Geneina Kms	Ismailia R.A.F. 07h 00m Dir.	Ismailia Kms
200	330	14	320	42	300	26	310	18	310	22	—	—	—	—	50	21	—	—	—	—	—	—	—	—	—	—	—	—	270	19
500	—	—	340	51	300	30	310	14	320	14	0	31	350	37	30	40	10	43	0	40	180	34	—	—	220	21	—	—	250	11
1000	30	19	350	51	320	39	320	26	330	29	340	34	340	32	20	34	0	37	350	34	190	31	60	21	210	23	—	—	310	6
1500	20	31	350	66	330	34	300	28	310	25			320	44	0	14	10	26	10	19	210	31	50	47	190	13	280	14	320	11
2000	10	30			320	34			300	29					320	18	310	24	30	11	240	21	50	37	80	16	0	8	330	14
3000									340	24							270	10	110	24					130	13	150	10	300	21
4000																	170	39											290	18
5000																														
6000																														

Forecast for 24 hours from noon on 12th

Moderate northwest to north winds.
Clear or occasional medium cloud.
Normal temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٢

رياح معتدلة بين شمالية غربية وشمالية
السماء صحو أو نظر به بقطع السحاب المتوسط الارتفاع أحيانا
ودرجة الحرارة حوالى المعدل

STATION	Mean of day: Humidity % on 11th	Diff from normal	Wet bulb temp. °C on 11th	Diff from normal
Alexandria	78	+6	20.7	+0.7
Ezbekiya	56	+1	21.0	-0.1
Gîza	64	+10	21.0	+0.8
Helwân	51	+10	18.6	+1.2

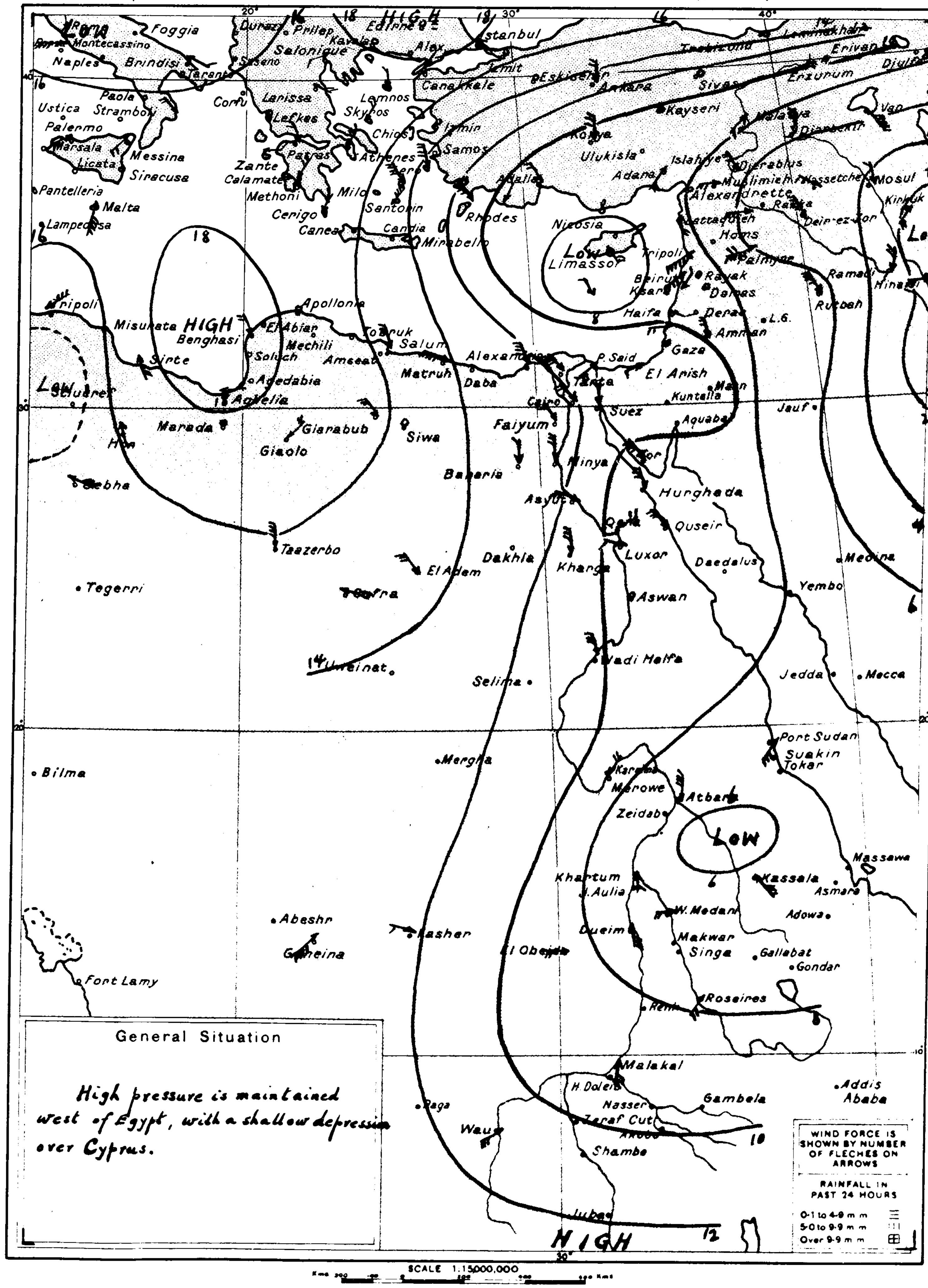
Gîza Grass minimum on 12th 17.0°C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
12.6	1169	1387
11.6	1169	1377

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	11-6	13.44	-0.04	13.43	-0.06
Nâsser	10-6	7.96	+0.32	7.96	+0.37
Malakâl	12-6	10.92	+0.20	10.90	+0.19
Roseires	12-6	13.16	+0.16	12.75	-0.20
Sennâr Res.	11-6	7.12	—	7.18	—
Khartûm	12-6	10.74	+0.02	10.74	+0.05
Kh. el Girba	11-6	10.29	-0.33	10.30	-0.25
'Atbara	12-6	10.18	-0.05	10.18	-0.04
Kajnarti	11-6	131.81	-0.18	131.82	-0.17
Wâdi Halfa	11-6	1.50	+0.14	1.49	+0.16
Aswân Res.	12-6	109.87	—	110.08	—
" D. S.	12-6	86.10	-0.14	86.10	-0.12
El Leisi	12-6	17.64	+0.59	17.62	+0.59
Rôda (Cairo)	12-6	15.75	+0.24	15.75	[illegible]

Pressure and Wind at 8 h. 12-6-1937



General Situation

High pressure is maintained west of Egypt, with a shallow depression over Cyprus.

At 8 h on 11th (الساعة ٨ يوم ١١) STATION	Bar. Pressure Reduced to M.S.L. m b	Diff. from Normal m b	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff from norm. °C	Minimum Today °C	Diff from norm. °C	Humidity %	Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m	Total fr Oct 1 to yesterday m m	Normal fr Oct 1 to yesterday m m	مرصد
Limassol	1009	-2	SE	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.6	+1.5	WNW	2	25.4	30	+1	21	+2	93	+27	0	—	—	—	0	365	646	حيفا
Gaza	1011.1	+1.1	—	0	25.3	31	+3	18	0	75	+8	2	6	—	1	0	395	376	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

Printed by the Survey of Egypt. 1936. (36/530)

CAIRO

Time of sunrise h. m. 04 53
sunset h. m. 18 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month June 1937 ١٩٣٧ شهر يونيه

١٣-٦-١٣ Pressure and Wind at 8 h. 13-6-37

1417 F.C.

At 14h. on 12th (الساعة ١٤ يوم ١٢)

	Station	Barometric Pressure Reduced to M.S.L. m.b	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	SALÛM	1015.4	NNE	4	27.3	55	0	9
131	MATRÛH	1013.6	NNW	5	24.7	80	0	6
150	DIKHEILA	1011.2	NW	5	24.3	76	0	—
132	ALEXANDRIA	1011.9	NW	5	25.8	67	0	8
159	DAMIETTA							
134	PORT SAID	1011.0	NE	3	27.8	67	0	8
135	EL 'ARÎSH	1010.0	NNW	2	26.9	65	0	7
136	DAMANHÛR							
137	MANSÛRA							
138	TANTA	1010.3	NNW	5	31.5	51	3	7
139	ZAGÂZÎG	1010.7	NNW	4	32.4	41	0	8
141	CAIRO: ALMÂZA	1011.0	W	3	32.4	33	0	8
	EZBEKÎYA	1009.9	W	2	32.9	32	0	8
	GÎZA	1009.3	NNE	3	33.6	30	0	7
143	HELWÂN	1010.3	NW	3	31.6	24	0	8
144	SUEZ							
153	FAIYÛM	1010.7	NNW	3	32.8	26	0	8
154	MINYA	1011.4	N	4	33.0	26	0	8
155	ASYÛT	1010.2	NW	3	33.4	19	0	8
156	QENA	1007.5	WSW	2	37.8	24	0	9
157	LUXOR							
158	ASWÂN	1006.6	N	3	37.5	19	0	8
148	SÎWA	1013.5	N	2	35.1	43	0	6
149	BAHARÎYA	1011.9	NW	7	33.0	8	—	9
151	KHÂRGA	1009.3	N	3	34.8	36	0	9
152	DÂKHLA	1011.5	NNW	4	33.5	8	0	8
145	TÛR							
146	HURGHÂDA							
147	QUSEIR	1008.6	N	4	29.9	51	0	6
149	PORT SUDAN							
165	WÂDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTÛM							
170	KASSALA							
171	WAD MEDANI							
173	DUEIM							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	MALAKÂL							
177	WÂU							
178	JÛBA							
179	Geneina							
180	Gallabat							

At 8h. on Sunday 13th (الساعة ٨ يوم الاحد ١٣)

	Station	Bar. Pressure Reduced to M.S.L. m.b	Diff. from normal m.b	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m	Total from Oct. 1 to yesterday m.m	Normal from Oct. 1 to yesterday m.m
130	SALÛM	1015.6	+2.4	NNW	3	22.9	29	—	18	—	78	—	0	6	—	0	0	105	—
131	MATRÛH	1014.2	+1.4	WNW	3	23.3	25	-2	20	+2	89	+14	2	6	Cu	1	0	182	158
150	DIKHEILA	1012.8	—	NNW	4	23.2	26	—	21	—	75	—	0	8	Cu	0	0	—	—
132	ALEXANDRIA	1012.8	+0.4	NNW	3	23.0	27	-1	21	+1	74	+2	0	—	—	0	0	167	190
159	DAMIETTA	1011.9	—	N	1	26.8	32	—	21	—	68	—	1	8	Cu	1	0	75	116
134	PORT SAID	1011.9	+0.8	NW	2	24.2	29	0	22	+1	76	+8	4	8	Cu	4	0	38	81
135	EL 'ARÎSH	1011.8	—	WSW	1	25.7	27	—	20	—	66	—	1	7	Cu	0	0	—	—
136	DAMANHÛR	1012.7	+0.6	N	2	25.0	30	-3	18	0	64	+3	2	7	Cu	1	0	78	110
137	MANSÛRA	1011.8	—	N	1	25.0	34	0	19	0	67	+1	1	7	Cc	1	0	45	57
138	TANTA	1012.6	+0.1	NW	3	24.0	32	-3	16	-2	75	+14	3	7	Cu	1	0	54	48
139	ZAGÂZÎG	1012.7	—	NW	1	24.4	32	-2	19	+1	73	+6	1	8	Cs	1	0	20	28
141	CAIRO: ALMÂZA	1013.3	—	NW	3	23.1	33	—	18	—	73	—	3	7	Cu	2	0	—	—
	EZBEKÎYA	1013.0	+1.3	NW	1	24.3	34	-1	20	+1	66	+2	4	5	Cu	0	0	18	33
	GÎZA	1012.3	0.0	NNW	2	23.2	34	-1	19	+2	75	+11	3	5	Sc	2	0	16	30
143	HELWÂN	1013.4	+1.4	—	0	22.0	33	-1	19	-1	74	+19	3	6	Cu	2	0	17	35
144	SUEZ	1012.6	+1.3	—	0	25.2	34	-2	20	-1	87	+17	0	6	—	0	0	13	26
153	FAIYÛM	1013.4	+1.3	NNW	3	23.4	34	-2	17	-3	59	+4	1	6	Cu	0	0	6	11
154	MINYA	1013.3	+2.5	NNE	3	23.5	34	-2	18	-2	59	+1	0	9	—	0	0	16	—
155	ASYÛT	1013.1	+2.3	WNW	3	23.4	35	-2	19	-2	59	+15	0	7	—	0	0	dr	5
156	QENA	1010.7	+1.9	WNW	4	28.8	39	-1	22	-1	40	+1	0	7	—	0	0	dr	—
157	LUXOR	1011.0	—	NNW	1	31.2	38	—	20	—	43	—	0	8	—	0	0	dr	—
158	ASWÂN	1010.0	+0.9	NNE	3	29.7	39	-2	22	-3	32	+2	0	8	—	0	0	1	—
148	SÎWA	1015.4	+3.1	—	0	27.0	36	0	18	-1	60	+6	0	6	—	0	0	29	7
149	BAHARÎYA	1014.4	—	NNE	2	24.8	34	—	19	—	61	—	0	9	—	0	0	26	—
151	KHÂRGA	1012.7	+3.1	N	4	27.2	36	-4	23	0	56	+16	0	9	—	0	0	0	0
152	DÂKHLA	1014.0	+3.2	NNE	2	27.7	35	-3	20	-2	27	-5	0	8	—	0	0	dr	—
145	TÛR	1010.0	+1.6	NW	4	25.4	33	0	23	0	71	-2	0	6	—	0	0	14	14
146	HURGHÂDA																		
147	QUSEIR	1010.0	+1.5	NNW	3	29.3	32	-1	25	-1	66	+10	0	6	—	0	0	t	7
149	PORT SUDAN	1006.6	-0.1	N	2	34.5	—	—	26	+1	24	-15	1	—	—	0	0	42	109
165	WÂDI HALFA	1012.3	+3.4	N	3	27.4	38	-3	21	-2	37	+16	0	7	—	0	—	—	—
166	KAREIMA	1008.0	-0.1	N	5	33.0	41	-2	27	+1	12	-6	0	7	—	0	0	1	4
167	'ATBARA	1005.9	-0.9	N	4	34.5	42	-1	29	+3	22	+5	0	—	—	0	0	5	9
168	KHARTÛM	1006.5	-1.8	N	4	32.3	43	+2	27	+1	19	-17	2	7	Ci	0	0	33	11
170	KASSALA	1004.7	-4.6	SE	5	32.0	42	+3	31	+6	49	+3	0	8	Ac	0	0	30	37
171	WAD MEDANI	1007.5	-1.2	WSW	1	34.0	42	+2	22	-2	17	-26	0	—	—	0	0	95	43
173	DUEIM	1007.4	-1.9	SE	2	31.4	42	+2	24	0	13	-33	0	—	—	0	0	47	33
182	RENK																		
172	ROSEIRES	1008.2	-2.7	SSW	2	27.8	37	+2	26	+4	48	-15	2	—	—	1	0	100	157
174	EL OBEID	1006.1	-2.1	SSE	3	30.0	39	+1	24	+2	41	-15	2	8	Ac, As	0	0	66	47
175	EL FÂSHER	—	—	W	1	27.0	42	+3	20	-2	18	-27	0	—	—	0	0	0	23
176	MALAKÂL	1009.1	-2.5	S	2	26.3	36	+3	23	+1	69	-6	3	8	Cb	1	dr	210	267
177	WÂU	1010.0	-0.6	NW	3	25.3	34	+1	23	+2	70	-8	1	—	—	1	0	451	448
178	JÛBA																		
179	Geneina	—	—	E	1	23.7	38	—	18	—	26	—	2	8	Ci	0	0	—	—
180	Gallabat																		

Upper Wind Observations on 13th (ارصاد الرياح العليا يوم ١٣)

Height above M.S.L.	Salum 7h00m Dir. E of N	Kms per hour	Matruh 7h00m Dir. E of N	Kms per hour	Dikheila 7h30m Dir. E of N	Kms per hour	Almaza 7h30m Dir. E of N	Kms per hour	Cairo 7h45m Dir. E of N	Kms per hour	Helwan 9h30m Dir. E of N	Kms per hour	Asyut 7h00m Dir. E of N	Kms per hour	Aswan 7h00m Dir. E of N	Kms per hour	Wadi Halfa 6h00m Dir. E of N	Kms per hour	Kassala 5h00m Dir. E of N	Kms per hour	Khartum 6h00m Dir. E of N	Kms per hour	Kassala 6h00m Dir. E of N	Kms per hour	El Obeid 6h00m Dir. E of N	Kms per hour	Geneina 6h00m Dir. E of N	Kms per hour	Gallabat 6h00m Dir. E of N	Kms per hour
200	330	15	320	17	310	19	320	6	340	17	300	9	—	—	—	—	120	27	—	—	—	—	—	—	—	—	—	—	—	—
500	—	—	Ent. Cu.		340	18	340	13	350	19	310	10	30	15	350	46	20	60	10	50	10	47	180	31	—	—	—	—	—	—
1000	10	17			340	22	340	15	350	17	0	20	350	31	10	37	20	50	10	43	10	60	210	34	70	14	—	—	330	21
1500	0	39			0	8	340	17	Ent. Cu.		0	17			0	11	350	34	20	27	10	48	170	14	30	43	60	39	190	14
2000	0	28			0	17	320	17			340	15					320	31	330	10	350	31	250	11	40	27	80	93	240	11
3000					340	24	350	24			10	20					270	45			10	23			50	19	110	42		
4000							Ent. Cu.				330	8																		
5000																														
6000																														

Forecast for 24 hours from noon on 13th

Light to moderate northwesterly winds.
Clear or occasional medium cloud.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٣
رياح شمالية غربية بين الخفيفة والمعتدلة
السماء صحو او تظهر بها بعض السحاب المتوسط لا ترتفع احيانا
ولا تتغير درجة الحرارة الا قليلا

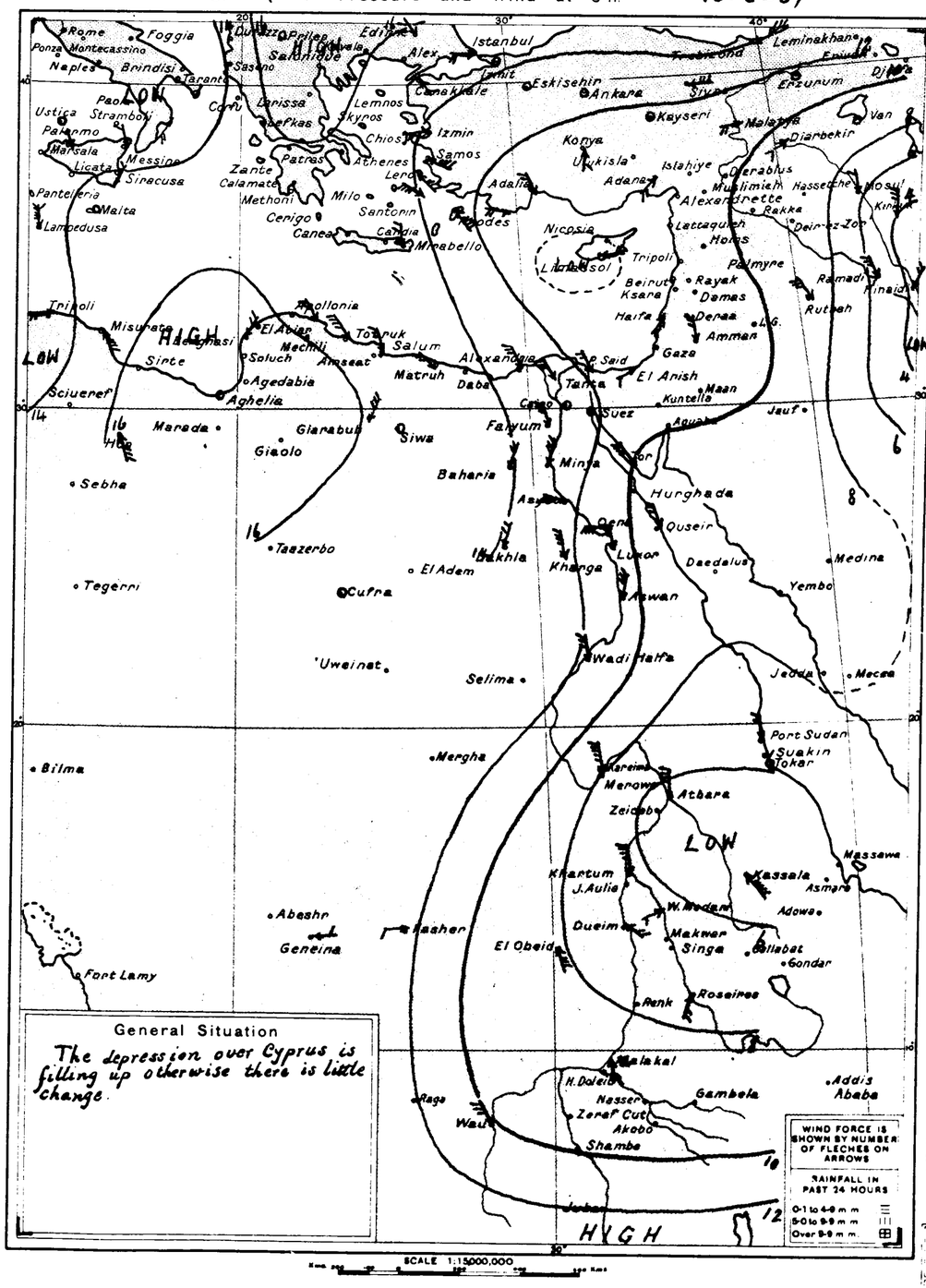
Station	Mean of day Humidity % at 12h	Diff. from normal	Wet Bulb Temp. °C at 12h	Diff. from normal
Alexandria	74	+2	20.6	+0.5
Ezbekiya	58	+3	21.0	-0.2
Giza	65	+11	20.9	+0.7
Helwân	55	+14	18.9	+1.4

Giza Grass minimum on 13th 16.9 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
13-6	11.68	1388
12-6	11.69	1387

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	13-6	13.41	-0.07	13.44	-0.04
Nâsser	12-6	7.92	+0.16	7.98	+0.22
Malakâl	13-6	10.73	+0.19	10.72	+0.20
Roseires	13-6	13.38	+0.36	13.16	+0.16
Sennâr Res.	12-6	7.12	—	7.12	—
Khartûm	13-6	10.73	+0.02	10.74	+0.02
Kh. el Girba	12-6	10.26	-0.43	10.27	-0.33
Atbara	13-6	10.18	-0.07	10.13	-0.05
Kajnarti	13-6	131.76	-0.32	131.79	-0.24
Wâdi Halfa	13-6	1.48	+0.05	1.49	+0.10
Aswân Res.	13-6	109.64	—	109.87	—
" D.S.	13-6	86.10	-0.15	86.10	-0.14
El Leisi	13-6	17.64	+0.58	17.64	+0.57
Rôda (Cairo)	13-6	16.75	+0.38	16.75	+0.26



General Situation

The depression over Cyprus is filling up otherwise there is little change.

WIND FORCE IS SHOWN BY NUMBER OF FLECHES ON ARROWS

RAINFALL IN PAST 24 HOURS
0-1 to 4-9 m.m
5-0 to 9-9 m.m
Over 9-9 m.m

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

Station	At 8h. on 12.6.1937. Bar. Pressure Reduced to M.S.L. m.b	Diff. from normal m.b	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m	Total from Oct. 1 to yesterday m.m	Normal from Oct. 1 to yesterday m.m	معد
Limassol	1008	-3	SE	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.6	+2.6	ESE	1	25.5	29	0	20	+1	69	+2	0	—	—	—	0	365	646	حيفا
Gaza	1010.8	+0.9	—	0	24.8	32	+3	17	-1	77	+10	1	7	—	1	0	395	376	غزة

ANNUAL SUBSCRIPTION
Inland Post ..... P.T. 100
Abroad ..... P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO
Time of sunrise h. m. 04 53
sunset h. m. 18 57

Month June 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	STATION	At 14h. on 13th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Monday 14th — Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total 1st Oct. to yesterday m.m.	Normal 1st Oct. to yesterday m.m.
130	MEDITERRANEAN SALÛM								1016.2	+3.0	N	1	22.3	27	—	18	—	78	—	0	6	Sc	4	0	105	—
131	MATRÛH	1013.9	NW	4	25.1	76	0	6	1014.8	+2.1	NNW	2	23.6	26	-1	19	0	72	-3	0	6	—	0	0	182	158
150	DIKHEILA	1012.5	NW	5	24.3	76	0	—	1013.9	—	NNW	2	24.0	25	—	21	—	77	—	3	8	Sc	1	0	—	—
132	ALEXANDRIA	1012.8	NNW	4	25.3	68	0	9	1014.2	+1.8	NE	1	23.2	27	-1	21	+1	79	+7	3	8	Cu	2	0	167	190
159	DAMIETTA								1012.7	—	N	1	28.5	31	—	20	—	76	—	0	8	—	0	0	75	116
134	PORT SAÏD	1011.8	NE	4	27.0	52	0	8	1013.0	+2.0	NE	3	25.6	29	0	22	+1	73	+5	0	8	—	0	0	38	81
135	EL 'ARÎSH	1011.1	NNW	3	27.0	66	0	7	1012.3	—	NNW	1	25.0	27	—	18	—	71	—	0	7	Cu	0	0	—	—
136	LOWER EGYPT DAMANHÛR								1013.6	+1.6	NNW	2	25.0	30	-3	17	-1	70	+9	0	8	—	1	0	78	110
137	MANSÛRA								1012.7	—	SW	1	24.9	33	-1	19	0	73	+7	0	8	Ci	1	0	45	57
133	TANTA	1011.0	N	1	31.4	38	0	7	1013.3	+0.9	NE	1	24.5	33	-2	17	-1	76	+14	1	7	Ac	1	0	54	48
139	ZAGÂZÎG	1010.8	NE	1	32.1	42	0	8	1013.8	—	NNW	1	24.4	32	-2	18	0	81	+14	1	8	Cs	1	0	20	28
141	MIDDLE EGYPT CAIRO ALMÂZA	1011.8	NW	3	32.6	33	0	9	1013.5		NE	3	23.0	33	—	17	—	79	—	3	7	Sc	2	0	—	—
	CAIRO EZBEKÎYA	1010.2	—	0	33.0	32	0	8	1012.8	+1.1	NNW	2	24.4	35	0	19	0	74	+9	3	5	Cu	1	0	18	33
	CAIRO GÎZA	1010.0	N	1	32.0	44	0	7	1012.6	+0.4	N	2	22.2	33	-2	19	+2	87	+23	3	5	Sc	2	0	16	30
143	HELWAN	1010.6	WNW	3	30.2	34	6	7	1012.8	+0.8	NNE	4	24.0	32	-2	19	-1	61	+6	0	5	St	1	0	17	35
144	SUEZ								1011.1	-0.1	N	3	25.0	34	-1	21	0	92	+22	0	6	—	0	0	13	26
153	UPPER EGYPT FAIYUM	1010.8	NNW	3	31.6	29	0	8	1012.6	+0.6	NNE	4	24.8	33	-3	20	0	64	+8	0	8	—	0	0	6	11
154	MINYA	1011.1	NNW	3	31.5	31	0	9	1010.6	-0.1	N	3	24.7	33	-3	21	+1	68	+9	0	8	—	0	0	16	—
155	ASYUT	1010.4	WSW	3	32.0	14	0	8	1011.4	+0.7	WNW	3	25.0	33	-4	20	-1	58	+14	0	7	—	0	0	dr.	5
156	QENA	1007.5	NNW	2	37.9	17	0	8	1009.8	+1.1	WSW	3	28.0	39	-1	23	0	37	-2	0	8	—	0	0	dr.	—
157	LUXOR	1007.6	NNW	3	37.0	37	0	8	1009.5	—	WSW	1	30.1	39	—	18	—	48	—	0	8	—	0	0	dr.	—
158	ASWÂN	1005.8	NNW	3	37.8	18	0	8	1008.4	-0.6	N	3	29.0	39	-2	22	-3	34	+4	0	8	—	0	0	1	—
148	WESTERN DESERT SÎWA	1012.7	—	0	33.9	56	0	6	1014.7	+2.5	—	0	25.7	36	0	17	-2	53	-1	0	6	—	0	0	29	7
149	BAHARIYA	1011.8	NNW	3	32.6	22	0	9	1014.2		N	2	21.5	33	—	19	—	75	—	0	7	As	2	0	26	—
151	KHARGA	1010.4	N	4	34.3	43	0	9	1011.6	+2.1	E	1	27.7	36	-4	20	-3	63	+23	0	9	—	0	0	0	0
152	DÂKHLA	1010.8	NNW	4	34.0	11	0	6	1012.7	+1.9	NW	1	27.0	35	-5	20	-3	43	+11	0	8	—	0	0	dr.	—
145	RED SEA TOR								1009.3	+1.0	NW	5	25.5	31	-2	22	-1	77	+4	0	6	—	0	0	14	14
146	HURGHÂDA								1009.1	+0.2	NNW	3	28.5	32	-2	20	-3	50	+2	0	6	—	0	0	dr.	0
147	QUSEIR	1008.8	N	4	30.0	57	0	6	1009.4	+1.0	N	3	29.5	32	-1	25	-1	54	+8	0	6	—	0	0	1	7
169	PORT SUDAN	1005.1	W	4	35.5	—	2	—	1006.2	-0.4	N	1	34.4	—	—	26	+1	27	-12	3	—	—	1	0	42	109
165	NORTH SUDAN WÂDI HALFA	1008.8	WSW	—	36	—	0	6	1010.9	+2.1	NW	4	27.6	37	-4	21	-2	29	+8	2	8	Ci	0	—	—	—
166	KAREIMA								1007.6	-0.5	NNW	6	31.5	42	-1	25	-1	12	-6	0	7	Sc	0	0	1	4
167	'ATBARA	—	NNW	2	42.8	—	2	—	1005.6	-1.2	N	3	35.3	43	0	28	+2	20	+3	0	—	—	0	0	5	9
168	KHARTÛM								1007.1	-1.2	N	2	31.9	43	+2	27	+1	24	-12	3	8	Cs	1	0	33	11
170	KASSALA	1001.4	SE	4	—	—	2	8	1006.4	-2.9	S	3	31.0	41	+2	25	0	48	+2	2	8	—	0	0	30	38
171	CENTRAL SUDAN WAD MEDANI	1002.4	N	2	42.0	—	2	—	1007.1	-1.7	SSW	3	31.5	44	+4	28	+4	40	-4	2	—	—	0	0	95	44
173	DUEIM	1006.2	—	0	42.9	—	0	—	1006.7	-2.7	SE	3	32.6	43	+3	26	+2	25	-21	0	—	—	0	0	47	34
182	RENK	—	SSW	3	37.0	—	0	—																		
172	ROSEIRES	1004.6	NNW	2	33.8	—	2	—	1008.4	-2.6	SW	2	28.3	39	+4	26	+4	60	-3	2	—	—	1	dr.	100	161
174	EL OBEID	1003.8	N	2	41.4	—	3	—	1009.5	-0.7	SSW	3	28.8	41	+3	25	+3	34	-22	4	8	Cs	1	0	66	48
175	EL FÂSHER	—	S	2	38.2	—	—	—	—	—	SW	1	26.0	41	+2	22	0	24	-21	0	—	—	0	0	0	23
176	S. SUDAN MALAKÂL																									
177	WAU								1009.1	-1.6	SW	3	25.0	32	-1	23	+2	84	+6	3	—	—	1	0	451	453
178	JÛBA	1013.5	WSW	4	—	—	2	8	1012.9	+0.5	SW	3	24.1	33	+1	20	0	83	+1	0	7	Sc	2	0	581	467
179	Geneina								—	—	W	1	26.3	39	—	23	—	55	—	2	8	Ac As	0	0	—	—
180	Gallabat	—	W	3	44.1	—	1	—																		

Upper Wind Observations on 14th ارصاد الرياح العليا يوم ١٤

Height metres above M.S.L.	Salum 07h 00m Dir. E of N	Salum Kms per hour	Matruh 07h 00m Dir. E of N	Matruh Kms per hour	Almaza 08h 00m Dir. E of N	Almaza Kms per hour	Cairo 07h 45m Dir. E of N	Cairo Kms per hour	Helwan 08h 30m Dir. E of N	Helwan Kms per hour	Asyut 07h 00m Dir. E of N	Asyut Kms per hour	Aswan 07h 00m Dir. E of N	Aswan Kms per hour	Kareima 05h 00m Dir. E of N	Kareima Kms per hour	Khartum 04h 00m Dir. E of N	Khartum Kms per hour	Kassala 07h 00m Dir. E of N	Kassala Kms per hour	Juba 06h 00m Dir. E of N	Juba Kms per hour	Ismailia R.A.F. 07h 00m Dir. E of N	Ismailia Kms per hour	Abukir 07h 00m Dir. E of N	Abukir Kms per hour	Ramleh R.A.F. 07h 00m Dir. E of N	Ramleh Kms per hour	Amman R.A.F. 07h 00m Dir. E of N	Amman Kms per hour
200	330	8	340	16	10	18	20	11	20	37	—	—	—	—	—	—	—	—	—	—	—	—	30	21	20	10	20	10	—	—
500	—	—	0	24	40	16	ent. Cu.		30	63	20	22	350	46	0	55	30	18	190	18	290	16	50	26	50	10	20	23	—	—
1000	10	25	0	38	ent. SC				—	0	340	24	10	32	20	37	40	16	220	37	340	5	50	27			10	31	160	3
1500	0	41	0	30					70	30	20	15	340	18	310	18	30	23	230	29	320	5	70	21			340	10	150	5
2000			0	18					60	15					340	19	40	27	320	10	30	5	130	14			220	27	210	31
3000									20	7					240	13	120	11			240	11	310	8			240	31	250	31
4000									—	0											170	14	250	18					230	31
5000									210	24																			220	13
6000									240	21																				
7000									10	30																				

Forecast for 24 hours from noon on 14th

Moderate to fresh north to northeast winds.
Mainly clear.
Becoming warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٤
رياح بين المعتدلة والشديدة نوعا وبين شمالية وشمالية شرقية
والسماء صحو على العموم
سترتفع درجة الحرارة.

STATION	Mean of day — Humidity % on 13th	Diff. from normal	Wet bulb temp. °C on 13th	Diff. from normal
Alexandria	79	+7	20.7	+0.6
Ezbekiya	54	-1	20.7	-0.5
Giza	64	+10	21.6	+1.3
Helwân	53	+12	19.4	+1.8

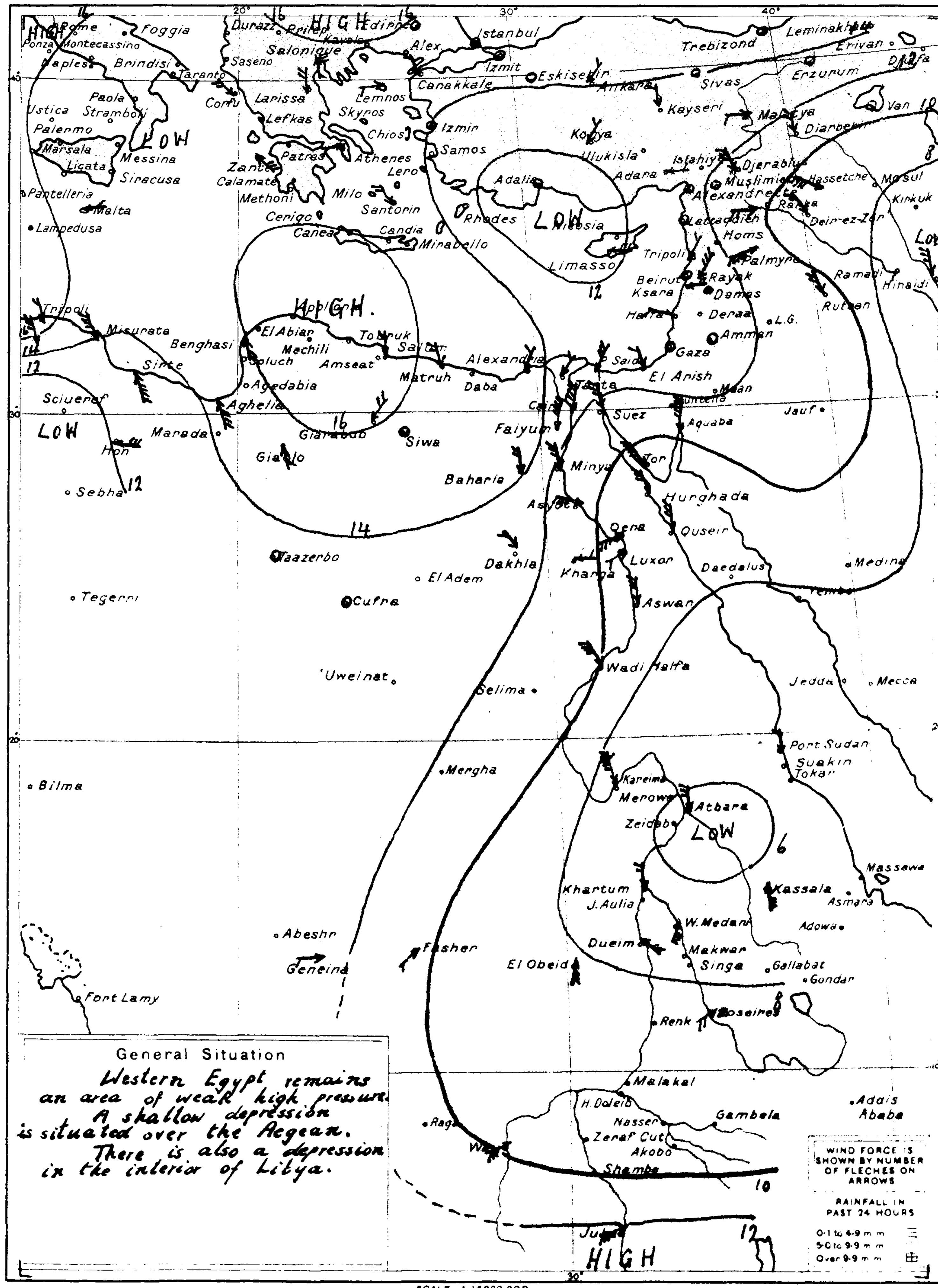
Giza Grass minimum on 14th 16.7 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
14-6	467	1389
13-6	468	1388

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	13-6	13.41	-0.07	13.44	-0.04
Nâsser	13-6	7.94	+0.14	7.92	+0.16
Malakâl	14-6	10.94	+0.18	10.93	+0.19
Roseires	14-6	13.64	+0.58	13.38	+0.36
Sennâr Res.	12-6	7.12	—	7.12	—
Khartûm	14-6	10.77	-0.02	10.73	-0.02
Kh. el Girba	13-6	10.15	-0.62	10.26	-0.43
'Atbara	13-6	10.18	-0.07	10.18	-0.05
Kajnarti	14-6	131.76	-0.36	131.76	-0.32
Wâdi Halfa	14-6	1.47	+0.01	1.48	+0.05
Aswân Res.	14-6	109.41	—	109.64	—
D.S.	14-6	86.10	-0.16	86.10	-0.15
El Leisi	14-6	17.65	+0.58	17.64	+0.68
Rôda (Cairo)	14-6	15.77	+0.25	15.75	+0.23

١٩٣٧-٦-١٤ Pressure and Wind at 8h. 14-6-1937



General Situation

Western Egypt remains an area of weak high pressure. A shallow depression is situated over the Aegean. There is also a depression in the interior of Libya.

At 8h. on 13th الساعة ٨ يوم ١٣ STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total 1st Oct. to yesterday m.	Normal 1st Oct. to yesterday m.	مرصد
Hurghada	1009.5	+0.5	NW	4	27.8	33	-1	23	0	55	+7	0	7	—	0	0	dr	0	الغردقة
Limassol	1011	0	E	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.4	+2.5	SSW	1	27.1	30	+1	20	0	83	+16	0	—	—	—	0	365	646	حيفا
Gaza	1011.6	+1.9	—	0	26.1	31	+2	17	-1	67	0	0	9	—	0	0	395	376	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

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

DAILY WEATHER REPORT ١٥-٦-١٩٣٧

Time of sunrise h. m. 04 53
sunset h. m. 18 57

Month *June* 1937 ١٩٣٧ شهر يونيه

At 14h. on 14th — الساعة ١٤ يوم ١٤ ; At 8h. on *Tuesday 15th* — الساعة ٨ يوم الثلاثاء ١٥

At 14h. on 14th

No.	Region	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN	SALŪM	1015.5	NNE	3	25.4	58	0	8
131		MATRŪH	1014.3	NNW	3	25.0	76	0	6
150		DIKHEILA	1013.2	NNW	4	24.8	77	0	8
132		ALEXANDRIA	1013.1	N	3	26.9	64	0	9
159		DAMIETTA							
134		PORT SAĪD	1012.6	NE	4	28.2	65	0	8
135		EL 'ARĪSH	1011.2	NNW	3	26.2	75	0	7
136	LOWER EGYPT	DAMANHŪR							
137		MANSŪRA							
138		TANTA	1011.4	NNE	2	33.0	34	0	7
139		ZAGĀZĪG	1011.4	NNW	1	32.2	34	0	8
141	MIDDLE EGYPT (CAIRO)	ALMĀZA	1011.9	N	2	33.0	34	0	8
		EZBEKĪYA	1010.0	NNE	2	33.9	30	0	8
		GĪZA	1009.9	NNE	2	34.1	38	0	7
143		HELWĀN	1009.8	N	4	34.3	14	0	8
144		SUEZ							
153	UPPER EGYPT	FAIYŪM	1010.3	NNE	4	32.7	25	0	8
154		MINYA	1010.2	N	4	33.7	30	0	7
155		ASYŪT	1009.0	NW	3	33.8	27	0	8
156		QENA	1006.7	WNW	2	39.1	19	0	9
157		LUXOR	1006.6	NW	1	39.2	33	0	8
158		ASWĀN	1005.3	N	2	40.5	25	0	8
148	WESTERN DESERT	SĪWA	1012.8	NW	1	33.3	22	0	6
149		BAHARĪYA	1011.1	N	2	33.4	25	0	9
151		KHĀRGA	1008.7	N	2	35.3	29	0	9
152		DĀKHLA	1010.2	NNW	5	34.0	14	0	6
145	RED SEA	TŌR							
146		HURGHĀDA							
147		QUSEIR	1008.8	NNE	3	29.2	63	0	6
169		PORT SUDAN	1004.3	ENE	3	—	—	1	—
165	NORTH SUDAN	WĀDI HALFA	1008.6	NNW	4	34	—	0	8
166		KAREIMA	1005.2	NW	5	41	—	2	8
167		'ATBARA	1003.0	N	2	43.0	—	0	—
168		KHARTŪM	1003.1	NNW	2	41	—	4	8
170		KASSALA	1000.0	ESE	2	41	—	2	8
171	CENTRAL SUDAN	WAD MEDANI	1003.1	ENE	3	36.7	—	1	—
173		DULIM	1003.0	NW	3	41.2	—	0	—
182		RENK							
172		ROSEIRES	1005.8	WSW	2	36.8	—	3	—
174		EL OBEID	1005.3	NNW	3	38	—	4	8
175		EL FĀSHER	—	NW	1	—	—	4	—
176	S. SUDAN	MALAKĀL	1007.2	SW	2	32	—	3	—
177		WAU	1007.5	SW	3	32.0	—	2	—
178		JUBA	1007.7	E	3	32	—	4	7
179		Geneina	—	SE	4	32	—	3	8
180		Gallabat							

At 8h. on Tuesday 15th

No.	Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	SALŪM	1015.2	+2.1	—	0	25.3	27	—	18	—	50	—	0	6	—	0	0	105	
131	MATRŪH	1013.8	+1.1	WNW	3	23.0	26	-1	19	0	91	+16	0	6	—	0	0	182	158
150	DIKHEILA	1012.7	—	N	2	24.3	25	—	22	—	79	—	0	—	—	0	0	—	—
132	ALEXANDRIA	1012.8	+0.5	NE	1	23.8	28	-1	21	+1	83	+11	0	8	—	0	0	167	190
159	DAMIETTA	1012.2	—	N	1	29.0	32	—	20	—	64	—	0	8	—	0	0	75	116
134	PORT SAĪD	1012.3	+1.3	NE	2	26.0	29	0	22	+1	73	+5	0	8	—	0	0	38	81
135	EL 'ARĪSH	1011.5	—	—	0	27.0	27	—	17	—	69	—	0	7	—	0	0	—	—
136	DAMANHŪR	1012.6	+0.7	NNE	1	26.5	33	0	19	+1	59	-2	0	8	—	0	0	78	110
137	MANSŪRA	1012.2	—	NE	1	26.5	33	-1	20	+1	54	-12	0	8	—	0	0	45	57
138	TANTA	1012.3	0.0	NNE	1	25.5	34	-1	16	-3	65	+3	0	7	—	0	0	54	48
139	ZAGĀZĪG	1011.2	—	NNW	1	25.3	32	-2	17	-1	71	+4	0	8	—	0	0	20	28
141	ALMĀZA	1012.6	—	NE	3	24.6	34	—	17	—	70	—	0	7	St	2	0	—	—
	EZBEKĪYA	1011.9	+0.3	NNE	1	25.7	35	0	19	0	72	+7	0	7	—	1	0	18	33
	GĪZA	1011.6	-0.5	NNE	1	23.6	35	0	17	0	83	+18	1	6	Sc	1	0	16	30
143	HELWĀN	1011.8	-0.1	NNE	4	26.3	35	0	20	0	36	-19	0	6	—	0	0	17	35
144	SUEZ	1011.8	-0.7	N	2	25.2	35	0	22	+1	93	+23	0	6	—	0	0	13	26
153	FAIYŪM	1010.4	-1.6	N	4	24.4	35	-1	19	-1	66	+10	0	6	—	0	0	6	11
154	MINYA	1010.3	-0.4	NNW	3	24.5	35	-1	20	0	64	+5	0	9	—	0	0	16	—
155	ASYŪT	1010.0	-0.6	NW	3	25.0	36	-1	19	-2	47	+3	0	8	—	0	0	dr.	5
156	QENA	1007.9	-0.8	NNW	3	29.1	40	-1	23	0	34	-5	0	8	—	0	0	dr.	—
157	LUXOR	1007.6	—	—	0	31.6	41	—	20	—	47	—	1	8	As	1	0	dr.	—
158	ASWĀN	1006.6	-2.4	W	1	31.3	42	0	22	-3	39	+9	0	8	—	0	0	1	
148	SĪWA	1013.4	+1.3	—	0	25.0	36	0	18	-1	62	+8	0	6	—	0	0	29	7
149	BAHARĪYA	1013.0	—	N	2	24.1	34	—	19	—	55	—	0	9	—	0	0	26	—
151	KHĀRGA	1009.3	-0.1	N	4	30.0	36	-4	22	-1	49	+8	0	9	—	0	0	0	0
152	DĀKHLA	1011.8	+1.1	—	0	28.0	36	-5	21	-2	—	—	0	8	—	0	0	dr.	—
145	TŌR	1007.9	-0.3	NW	4	25.5	32	-1	22	-1	72	-1	0	6	—	0	0	14	14
146	HURGHĀDA	1008.0	-0.8	NNW	4	28.8	33	-1	24	+1	36	-12	0	6	—	0	0	dr.	0
147	QUSEIR	1007.5	-0.8	N	3	29.2	32	-1	26	0	51	+5	0	6	—	0	0	1	7
169	PORT SUDAN	1004.6	-1.8	SW	1	37.5	—	—	26	+1	17	-22	1	—	—	0	0	42	109
165	WĀDI HALFA	1010.0	+1.2	N	2	28.0	39	-2	23	0	30	+9	0	8	Ci	0	—	—	—
166	KAREIMA	1006.8	-1.3	NNW	4	32.0	42	-1	24	-2	11	-7	1	8	Ci	0	0	1	4
167	'ATBARA	1004.4	-2.4	N	5	36.0	43	0	28	+2	15	-2	0	—	—	0	0	5	9
168	KHARTŪM	1006.5	-1.8	NNW	3	30.2	43	+2	25	-1	21	-16	4	8	Cs	1	0	33	12
170	KASSALA	1004.8	-4.6	S	6	31.7	41	+2	28	+3	49	+2	2	8	Cs	0	0	30	39
171	WAD MEDANI	1006.8	-2.0	SSW	2	32.3	41	+1	26	+2	40	-5	0	—	—	0	0	95	45
173	DULIM	1007.6	-1.8	NE	3	32.4	41	+1	25	+1	43	-4	0	—	—	0	0	47	34
182	RENK																		
172	ROSEIRES																		
174	EL OBEID	1007.7	-2.6	S	1	30.5	41	+3	22	0	22	-34	2	8	Cs	1	0	66	49
175	EL FĀSHER	—	—	NW	1	26.0	49	+11	19	-3	21	-25	0	—	—	0	0	0	24
176	MALAKĀL	1010.2	-1.5	SSW	3	24.1	33	0	22	0	83	+7	4	8	Sc	1	dr.	222	277
177	WAU	—	—	SW	3	26.8	32	-1	24	+3	75	-3	1	—	—	1	0	451	459
178	JUBA	1012.7	+0.3	SSE	4	22.8	35	+3	21	+1	91	+9	—	7	Sc	5	24	605	472
179	Geneina	—	—	E	2	24.4	38	—	19	—	53	—	2	8	Ac	0	0	—	—
180	Gallabat																		

Upper Wind Observations on 15th
ارصاد الرياح العليا يوم ١٥

Height metres above M.S.L.; Dir. E. of N.; Kms per hour

Height	Salum 07h 00m Dir	Kms	Matruh 07h 00m Dir	Kms	Almaza 08h 00m Dir	Kms	Cairo 07h 45m Dir	Kms	Helwan 08h 30m Dir	Kms	Asyut 07h 00m Dir	Kms	Aswan 07h 00m Dir	Kms	W. Halfa 06h 00m Dir	Kms	Kareima 05h 00m Dir	Kms	Khartum 05h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Juba 06h 00m Dir	Kms	Ismailia R.A.F. 07h 00m Dir	Kms	Salum 14th 13h 00m Dir	Kms
[illegible]	290	7	340	21	40	18	30	17	30	42	—	—	—	—	10	34	—	—	—	—	—	—	—	—	—	—	10	19	20	8
[illegible]	—	—	20	36	30	38	40	37	30	17	0	36	350	40	10	42	0	48	340	32	180	22	180	24	270	24	20	26	—	—
1000	10	29	20	36	30	37	30	35	30	46	350	26	350	28	350	40	10	39	350	72	220	51	110	27	260	24	20	23	350	22
1500	20	36	10	42	70	25			70	25	20	7	210	23	300	18	40	19	350	39	240	21	230	21	200	18	50	19	350	52
2000	10	45	0	36	40	12			30	23			210	32	290	18			20	19	230	11	230	8	150	5	210	14	0	52
3000					280	17			340	11					290	14			40	27	190	8	70	26	280	6	250	10		
4000									270	13															150	23	130	19		
5000									230	24																				
6000									240	54																				

Forecast for 24 hours from noon on 15th

Moderate north to northeast winds.
Mainly clear.
Temperature slightly above normal.

تنبؤات الطقس المنتظر في ٢٤ ساعة من ظهر يوم ١٥
رياح معتدلة بين شمالية وشمالية شرقية
السماء صحو على العموم
ودرجة الحرارة فوق المعدل قليلا

Station	Mean of day: Humidity on 14th %	Diff. from normal	Wet bulb temp. on 14th °C	Diff. from normal
Alexandria	81	+9	21.4	+1.2
Ezbekiya	56	+1	20.9	-0.4
Giza	67	+13	21.6	+1.2
Helwan	41	0	18.3	+0.7

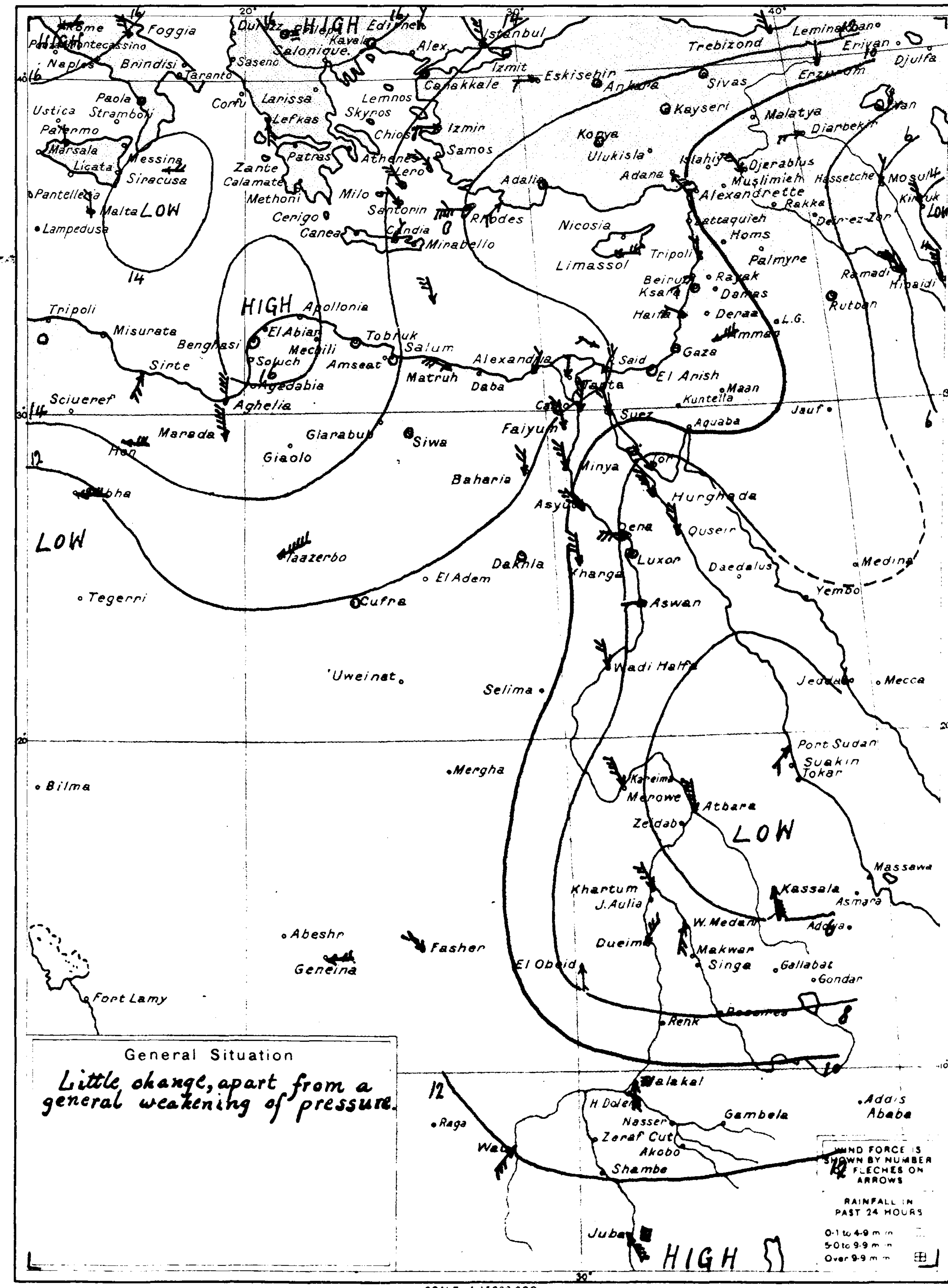
Giza Grass minimum on 15th 14.0°C

Discharges at Aswan measured by sluices m³ per sec

Date	1937	1936
15-6	1263	1391
14-6	1167	1389

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	14-6	13.40	-0.08	13.41	-0.07
Nāsser	14-6	7.96	+0.10	7.94	+0.14
Malakāl	15-6	10.95	+0.17	10.94	+0.18
Roseires	15-6	13.40	+0.29	13.64	+0.58
Sennār Res.	14-6	7.10	—	7.09	—
Khartūm	14-6	10.77	-0.02	10.73	-0.02
Kh. el Girba	14-6	10.22	-0.61	10.15	-0.62
Atbara	14-6	10.19	-0.08	10.18	-0.07
Kajnarti	15-6	131.78	-0.37	131.76	-0.36
Wādi Halfa	15-6	1.47	+0.01	1.47	+0.01
Aswān Res.	15-6	109.17	—	109.41	—
D.S	15-6	86.15	-0.13	86.10	-0.16
El Leisi	15-6	17.65	+0.56	17.65	+0.58
Roda (Cairo)	15-6	15.73	+0.21	15.77	+0.25

Pressure and Wind at 8h. 15-6-1937



General Situation

Little change, apart from a general weakening of pressure.

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h. on 14th — الساعة ٨ يوم ١٤

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.		مرصد
Limassol	1012	+2	E	3	27	—	—	—	—	—	—	0	—	—	—	—	—	—	—	ليماسول
Haifa	1012.3	+3.5	WNW	1	26.7	29	0	21	+1	83	+16	0	—	—	—	0	365	646	—	حيفا
Gaza	1012.0	+2.4	—	0	24.7	32	+3	16	-2	77	+9	0	9	—	0	0	395	376	—	غزة

Ships 33332 - 26706 - 30300 - 14975 - 30000 - 50000 - 76300 سفن

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt 1936 (36/530)

CAIRO

Time of sunrise h. m. 04 54
sunset h. m. 18 58

Month JUNE 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ١٦-٦-٣٧

At 14h. on 15th الساعة ١٤ يوم ١٥ — At 8h. on Wednesday 16th الساعة ٨ يوم الاربعاء ١٦

	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALŪM	1015.4	NNE	3	27.0	47	0	9	1015.8	+2.8	—	0	27.2	29	—	20	—	41	—	0	7	—	0	0	105	—
131	MATRŪH	1014.2	NW	2	25.2	83	0	6	1014.6	+2.0	WNW	3	24.1	26	-1	20	+1	88	+13	0	6	—	0	0	182	158
150	DIKHEILA	1012.8	NW	4	24.8	83	0	—	1013.3	—	NW	3	25.0	26	—	23	—	76	—	0	8	—	0	0	—	—
132	ALEXANDRIA	1013.1	NNW	4	26.9	72	0	9	1012.3	+0.1	NW	2	23.3	28	-1	22	+2	84	+12	0	9	—	0	0	167	190
159	DAMIETTA								1012.2	—	NNW	1	29.0	32	—	21	—	70	—	0	8	—	0	0	75	116
134	PORT SAĪD	1010.6	NE	2	29.6	58	0	8	1012.7	+1.8	NW	3	26.0	31	+2	22	+1	78	+10	0	8	—	0	0	38	81
135	EL 'ARĪSH	1010.8	NNW	2	27.0	71	0	7	1012.3	—	WSW	1	27.2	27	—	18	—	68	—	0	7	—	0	0	—	—
136	LOWER EGYPT: DAMANHŪR								1013.1	+1.2	NW	2	28.0	33	0	20	+2	52	-10	0	7	—	0	0	78	110
137	MANSŪRA								1012.4	—	NE	1	27.0	35	+1	21	+2	63	-3	0	8	—	0	0	45	57
138	TANTA								1012.8	+0.6	—	0	26.5	34	-1	17	-2	66	+4	0	7	—	0	0	54	48
139	ZAGĀZĪG								1013.5	—	NNE	1	25.2	34	0	16	-2	81	+14	0	8	—	0	0	20	28
141	MIDDLE EGYPT: CAIRO ALMĀZA	1011.5	N	3	33.8	33	0	8	1013.3	—	NNE	2	22.6	34	—	18	—	84	—	3	8	St	2	0	—	—
	CAIRO EZBEKĪYA	1010.2	N	2	34.7	28	0	8	1012.8	+1.3	NNE	2	22.2	36	+1	20	+1	87	+22	4	5	Sc	2	0	18	33
	CAIRO GĪZA	1010.4	NE	2	34.1	26	0	7	1012.6	+0.6	N	1	22.5	35	0	17	0	88	+23	3	5	Sc	2	0	16	30
143	HELWĀN	1009.6	NNW	5	33.6	17	0	7	1012.7	+0.9	NNW	3	24.0	35	0	19	-1	65	+10	0	6	—	0	0	17	35
144	SUEZ								1012.8	+1.8	N	2	25.5	35	0	21	0	90	+20	0	6	—	0	0	13	26
153	UPPER EGYPT: FAIYŪM	1010.2	N	3	34.0	19	0	7	1012.8	+0.9	NNE	4	25.3	35	-1	20	0	68	+12	0	6	—	0	0	6	11
154	MINYA	1008.7	WNW	4	35.0	26	0	7	1011.0	-0.4	N	4	24.6	35	-1	20	0	59	0	0	8	—	0	0	16	—
155	ASYŪT	1008.2	WSW	3	35.0	28	0	8	1010.2	-0.3	WNW	3	25.6	38	+1	19	-2	40	-4	0	8	—	0	0	dr	5
156	QENA	1005.6	SW	1	40.5	21	0	9	1009.3	+0.7	WNW	2	29.1	42	+1	23	0	34	-5	0	8	—	0	0	dr	—
157	LUXOR	1005.5	SW	2	41.2	35	0	8	1007.2	—	WSW	1	30.9	42	—	20	—	46	—	0	8	—	0	0	dr	—
158	ASWĀN	1004.2	—	0	41.3	32	0	8	1006.2	-2.7	N	1	31.4	44	+2	26	+1	41	+10	1	8	Ci	1	0	1	—
148	WESTERN DESERT: SĪWA	1012.6	—	0	35.0	38	0	6	1014.8	+2.7	—	0	25.6	37	0	18	-1	60	+6	0	6	—	0	0	29	7
149	BAHARĪYA	1011.1	NNE	2	34.0	20	0	9	1013.9	—	N	2	24.5	35	—	19	—	64	—	0	9	—	0	0	26	—
151	KHĀRGA	1007.2	N	4	37.2	36	0	9	1009.5	+0.1	N	4	30.0	38	-2	19	-4	46	+5	0	9	—	0	0	0	0
152	DĀKHLA	1009.5	NW	1	35.7	12	0	8	1012.0	+1.4	NNW	1	28.0	37	-3	22	-1	30	-2	0	9	—	0	0	dr	—
145	RED SEA: TŌR								1010.0	+1.9	NW	4	26.0	33	0	23	0	69	-4	0	6	—	0	0	14	14
146	HURGHĀDA								1008.3	-0.4	NNW	4	29.5	32	-2	21	-3	40	-8	0	6	—	0	0	dr	0
147	QUSEIR	1007.8	NNW	3	31.0	53	0	6	1007.9	-0.3	N	4	29.9	32	-1	26	0	41	-5	0	6	—	0	0	1	7
169	PORT SUDAN								1004.0	-2.3	SW	1	37.1	—	—	26	0	21	-17	2	—	—	0	0	42	109
165	NORTH SUDAN: WĀDI HALFA								1009.7	+1.0	NNE	1	28.8	39	-2	24	+1	29	+8	0	8	Ci	1	—	—	—
166	KAREIMA	1004.3	SSW	2	42	—	4	8	1006.1	-2.0	N	4	34.0	43	0	27	+1	10	-8	1	8	Ac	0	0	1	4
167	'ATBARA	1002.2	E	2	44.0	—	1	—	1004.6	-2.1	N	4	35.0	45	+2	30	+4	18	0	0	—	—	0	0	5	10
168	KHARTŪM	1002.2	N	1	43	—	4	8	1006.0	-2.3	SSW	2	32.5	43	+2	27	+1	16	-21	3	8	Cs	1	0	33	12
170	KASSALA	1002.3	SE	1	41	—	3	8	1005.6	-3.8	S	4	31.5	42	+3	27	+2	48	+1	2	8	Ci	0	0		
171	CENTRAL SUDAN: WAD MEDANI	1003.1	SSE	2	41.4	—	4	—	1006.3	-2.6	SW	4	31.0	43	+3	29	+5	39	-6	2	—	—	0	0	95	46
173	DUEIM	1003.8	—	0	36	—	4	—	1007.4	-2.1	SE	4	30.8	43	+3	26	+2	46	-1	0	—	—	0	0	47	35
182	RENK	—	SSW	3	—	—	—	—																		
172	ROSEIRES	1004.2	WSW	2	37.2	—	1	—	1006.7	-4.4	SSW	2	29.3	38	+3	24	+2	55	-9	2	—	—	1	16	116	169
174	EL OBEID	1004.1	NW	2	38	—	2	8	1009.5	-0.8	S	2	27.9	40	+2	24	+2	33	-24	4	8	Cs	1	0	66	50
175	EL FĀSHER	—	WSW	1	31.4	—	0	—	—	—	NW	1	28.0	42	+4	20	-2	17	-29	0	—	—	0	0	0	24
176	S. SUDAN: MALAKĀL	1009.6	SSE	4	35	—	4	8	1010.7	-1.1	WNW	1	23.8	35	+2	21	0	83	+7	4	8	Sc	1	dr	222	282
177	WAU	1005.1	S	3	35.0	—	2	—	1009.8	-1.0	SW	3	24.0	36	+3	21	0	79	+1	1	—	—	1	4	455	464
178	JŪBA								1012.4	-0.1	SE	4	24.5	33	+1	21	+1	84	+2	4	7	Cu Sc	1	0	605	477
179									—	—	E	1	24.4	36	—	19	—	26	—	3	8	Ci	0	0	—	—
180		—	NW	3	35.0	—	—	—																		

Upper Wind Observations on 16th ارصاد الرياح العليا يوم ١٦

Height metres above M.S.L.	Salum 07h 00m Dir. E. of N.	Salum Kms per hour	Matruh 07h 00m Dir.	Matruh Kms	Dikheila 07h 30m Dir.	Dikheila Kms	Helwan 08h 45 Dir.	Helwan Kms	Asyut 07h 00m Dir.	Asyut Kms	Aswan 07h 00m Dir.	Aswan Kms	W. Halfa 06h 00m Dir.	W. Halfa Kms	Khartum 07h 00m Dir.	Khartum Kms	Kassala 07h 00m Dir.	Kassala Kms	Malakal 06h 00m Dir.	Malakal Kms	Juba 06h 00m Dir.	Juba Kms	Ismailia 07h 00m R.A.F. Dir.	Ismailia Kms	Abukir 07h 00m R.A.F. Dir.	Abukir Kms	Ramleh 07h 00m R.A.F. Dir.	Ramleh Kms	Salum 15th 13h 00m Dir.	Salum 15th Kms
200	—	0	340	17	340	35	0	18	—	—	—	—	0	31	—	—	—	—	—	—	—	—	30	10	350	31	240	10	30	10
500	—	—	10	22	10	28	30	30	0	42	350	28	10	29	10	39	180	31	170	16	290	19	20	24	350	34	330	8	—	—
1000	0	22	10	34	0	42	30	37	0	23	330	8	0	27	330	24	200	24	190	21	290	23	10	24	0	34	350	24	0	16
1500	0	28	0	39	0	30	30	45			160	18	40	32	40	16	240	40	180	27	330	2	20	21	0	47	20	24	350	36
2000	340	35	0	48			20	30			190	7	0	16	340	10	250	14	140	16	230	14	350	13			340	11		
3000							250	9							100	8	60	35			210	23	250	5			250	35		
4000							250	4									90	42			190	35	270	11						
5000							250	33													200	43								
6000							250	60													200	42								

Forecast for 24 hours from noon on 16th

Moderate northerly winds, fresh at times.
Mainly clear.
Temperature remaining slightly above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٦
رياح شمالية معتدلة تشتد نوعا احيانا
السماء صحو على العموم
تستمر درجة الحرارة فوق المعدل قليلا.

Mean of day

Station	Humidity % on 15th	Humidity Diff. from Normal	Wet Bulb Temp. °C on 15th	Wet Bulb Diff. from Normal
Alexandria	81	+9	22.2	+1.9
Ezbekiya	52	-3	20.8	-0.5
Giza	59	+5	20.4	0.0
Helwān	24	-17	17.2	-0.5

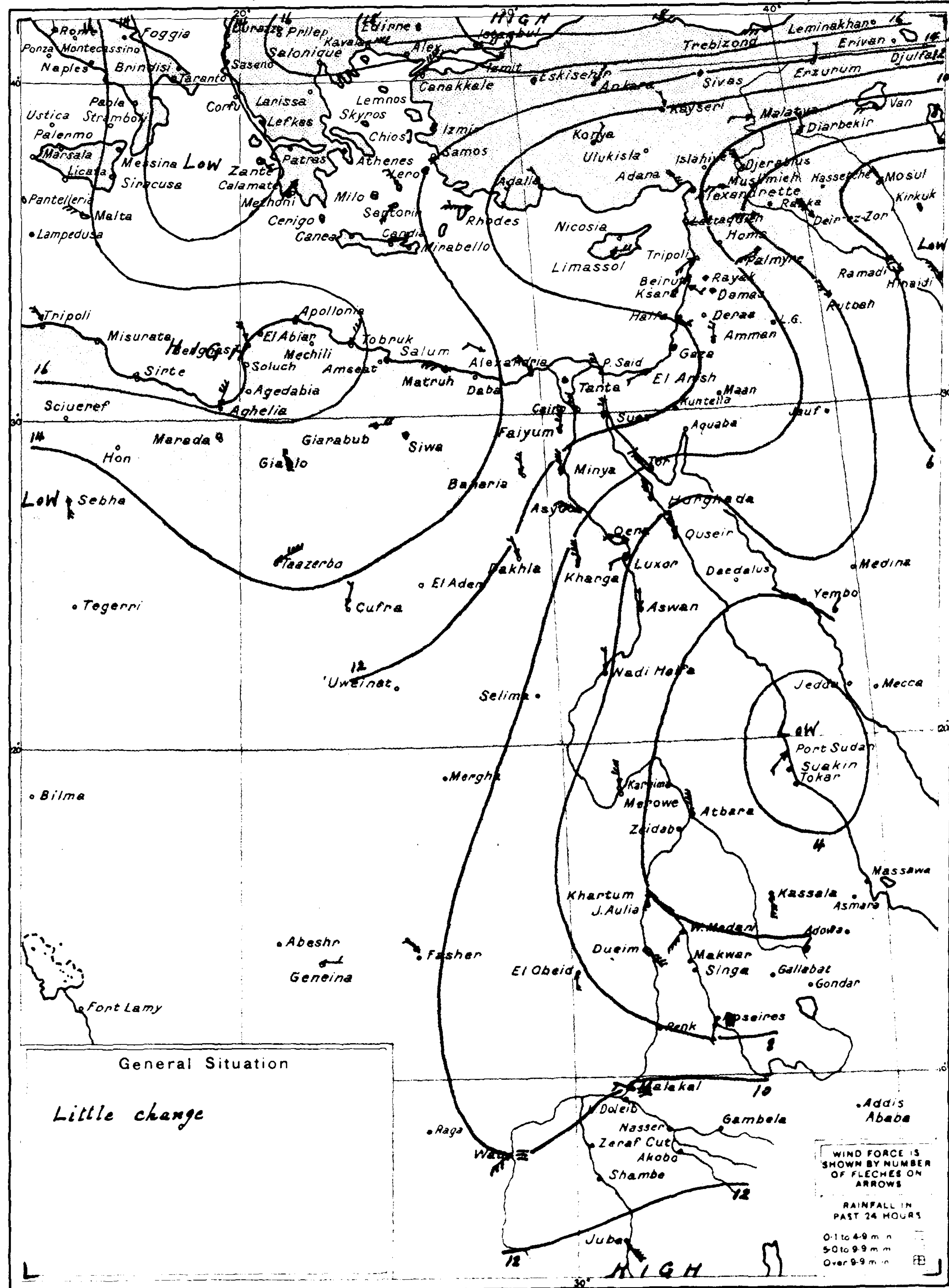
Giza Grass minimum on 16th 14.2°C

Discharges at Aswan measured by sluices m.³ per sec

Date	1937	1936
16-6	1237	1424
15-6	1203	1391

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	15-6	13.68	+0.19	13.40	-0.08
Nāsser	15-6	7.96	+0.08	7.96	+0.10
Malakāl	16-6	10.95	+0.15	10.95	+0.17
Roseires	16-6	13.42	+0.24	13.40	+0.29
Sennār Res.	15-6	7.24	—	7.10	—
Khartūm	16-6	10.78	-0.11	10.78	-0.06
Kh. el Girba	15-6	10.50	-0.39	10.22	-0.61
Atbara	15-6	10.20	-0.09	10.19	-0.08
Kajnarti	16-6	131.84	-0.34	131.78	-0.37
Wādi Halfa	16-6	1.49	-0.01	1.47	-0.01
Aswān Res.	16-6	108.90	—	109.17	—
D.S.	16-6	86.21	-0.09	86.15	-0.13
El Leisi	16-6	17.65	+0.55	17.65	+0.56
Rōda (Cairo)	16-6	15.73	+0.20	15.73	+0.21

Pressure and Wind at 8 h. 16-6-37



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

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

General Situation

Little change

At 8h. on 15th الساعة ٨ يوم ١٥

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1011	+1	E	3	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.2	+2.5	WNW	1	27.6	29	0	21	+1	83	+16	0	—	—	—	0	365	646	حيفا
Gaza	1011.1	+1.6	—	0	25.2	32	+3	18	0	77	+9	0	9	—	0	0	395	376	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt 1936 (ob/530)

CAIRO

Time of sunrise h. m. 04 54
sunset h. m. 18 58

Month JUNE 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٧-٦-٣٧

1417 F.C.

At 14h. on 16th — الساعة ١٤ يوم ١٦ ; At 8h. on Thursday 17th — الساعة ٨ يوم الخميس ١٧

No.	Region	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1015.8	NNE	3	28.0	55	0	8	1016.4	+3.4	NW	1	26.8	32	—	21	—	44	—	0	7	—	0	0	105	—
131		MATRÛH	1014.8	NW	3	25.6	86	0	6	1015.0	+2.5	WNW	3	24.7	26	-1	20	+1	87	+12	0	6	—	0	0	182	158
150		DIKHEILA	1013.2	NNW	5	26.0	78	0	8	1013.3	—	NW	3	25.3	27	—	23	—	82	—	0	8	—	0	0	—	—
132		ALEXANDRIA	1013.3	N	4	27.5	69	0	8	1013.9	+1.8	N	1	25.2	29	0	23	+3	74	+2	0	9	—	0	0	167	190
159		DAMIETTA								1013.0	—	N	1	29.9	32	—	22	—	65	—	0	8	—	0	0	75	116
134		PORT SAÏD	1012.2	NW	4	28.2	71	0	7	1013.3	+2.5	NE	2	26.4	30	+1	22	0	78	+10	0	7	—	0	0	38	82
135		EL 'ARÎSH	1010.8	NNW	2	27.0	77	0	7	1012.4	—	—	0	26.6	28	—	20	—	72	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1013.9	+2.1	W	1	28.0	33	0	20	+2	63	+1	0	7	—	0	0	78	110
137		MANSÛRA								1012.8	—	NE	1	27.4	35	+1	20	+1	64	-3	0	8	—	0	0	45	57
138		TANTA	1011.6	N	2	34.0	35	0	7	1013.0	+0.8	N	1	27.5	35	0	18	-1	65	+3	0	7	—	0	0	54	48
139		ZAGÂZIG	1011.2	NNW	1	34.9	38	0	8	1013.4	—	WNW	1	26.8	35	+1	18	0	69	+2	0	8	—	0	0	20	28
141	MIDDLE EGYPT (CAIRO)	ALMÂZA	1011.4	NNW	3	34.3	29	0	9	1013.5	—	NNE	2	25.2	35	—	18	—	74	—	0	7	—	1	0	—	—
		EZBEKÎYA	1010.4	N	1	35.9	27	0	8	1013.0	+1.6	NW	1	27.0	36	+1	22	+2	69	+3	0	6	—	0	0	18	34
		GÎZA	1010.0	NNE	2	35.6	28	0	7	1012.3	+0.3	NNE	2	24.8	36	+1	19	+2	77	+11	0	6	—	0	0	16	31
143		HELWÂN	1010.0	NNW	5	35.2	15	0	7	1013.0	+1.2	—	0	26.0	36	+1	21	+1	56	0	0	6	—	0	0	17	35
144		SUEZ								1012.7	+1.8	NNW	2	26.2	36	+1	21	0	90	+20	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1010.2	N	4	35.7	21	0	7	—	—	N	4	26.2	37	+1	20	0	64	+7	0	6	—	0	0	6	11
154		MINYA	1009.3	N	6	35.0	21	0	5	1011.6	+1.0	NNE	4	26.3	36	0	21	+1	60	+1	0	7	—	0	0	16	—
155		ASYÛT	1017.6	NW	4	37.0	14	0	8	1010.7	+0.2	NNW	3	27.2	39	+2	21	0	42	-2	0	7	—	0	0	dr	5
156		QENA	1005.4	WSW	3	42.1	16	2	8	1007.8	-0.7	SW	2	29.7	43	+2	23	0	35	-4	0	8	—	0	0	dr	—
157		LUXOR	1005.3	SW	1	42.2	38	2	8	1007.1	—	—	0	33.7	43	—	19	—	40	—	0	8	—	0	0	dr	—
158		ASWÂN	1003.1	NNE	2	43.8	26	1	8	1005.9	-2.9	N	2	31.6	45	+3	26	+1	35	+4	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1013.1	—	0	37.0	27	0	6	1015.1	+3.1	—	0	29.3	40	+3	20	+1	56	+2	0	6	—	0	0	29	7
149		BAHARÎYA	1011.1	NE	6	36.3	24	0	9	1013.6	—	N	2	27.8	37	—	21	—	48	—	0	7	—	0	0	26	—
151		KHÂRGA	1008.2	N	3	37.5	33	0	9	1009.6	+0.3	N	4	29.8	39	-1	25	+2	51	+10	0	9	—	0	0	0	0
152		DÂKHLA	1009.3	NNE	4	37.5	3	0	7	1012.7	+2.1	NNW	3	27.1	38	-2	23	0	34	+2	0	7	—	0	0	dr	—
145	RED SEA	TOR								1008.3	+0.3	NW	4	26.5	33	0	21	-2	73	0	0	6	—	0	0	14	14
146		HURGHÂDA								1007.9	-0.7	NNW	4	30.0	32	-2	25	+1	36	-12	0	5	—	0	0	dr	0
147		QUSEIR	1007.2	N	4	32.4	49	0	6	1007.0	-1.2	N	3	29.6	33	0	26	0	49	+3	0	6	—	0	0	1	7
169		PORT SUDAN								1003.9	-2.3	SW	1	36.0	—	—	27	+1	31	-7	1	—	—	0	0	42	109
165	NORTH SUDAN	WÂDI HALFA								1008.8	+0.1	NW	6	30.1	41	0	25	+2	30	+9	2	7	—	1	—	—	—
166		KAREIMA								1005.5	-2.6	—	0	34.1	46	+3	27	+1	13	-5	2	7	Ci,Ac	0	0	1	4
167		'ATBARA								1004.4	-2.3	S	2	36.3	45	+3	29	+3	14	-4	0	—	—	0	0	5	10
168		KHARTÛM								1005.8	-2.5	S	3	30.3	45	+4	28	+2	41	+3	4	7	Cs,Sc	1	0	33	12
170		KASSALA								1006.0	-3.5	S	5	32.0	41	+2	29	+4	54	+6	0	8	—	0	0	30	42
171	CENTRAL SUDAN	WAD MEDANI								1005.9	-3.0	SSW	4	32.3	42	+3	28	+4	40	-6	0	—	—	0	0	95	48
173		DUEIM								1006.7	-2.8	SE	5	31.4	40	+1	27	+3	42	-6	1	—	—	0	0	47	36
182		RENK																									
172		ROSEIRES								1007.6	-3.5	WSW	2	29.9	38	+3	25	+3	33	-31	1	—	—	0	0	116	173
174		EL OBEID								1008.4	-2.0	SW	3	29.8	40	+3	25	+3	27	-30	3	8	Cc,As	1	0	66	52
175		EL FÂSHER								—	—	E	1	29.0	43	+5	21	-1	16	-31	0	—	—	0	0	0	25
176	S. SUDAN	MALAKÂL								1009.8	-2.0	SSW	2	26.0	32	-1	23	+2	84	+8	4	8	Sc	1	0	222	288
177		WAU								1009.5	-1.3	SW	3	26.2	32	-1	23	+2	79	0	3	—	—	1	0	455	470
178		JUBA								1013.6	+1.1	SE	3	24.3	34	+2	20	0	83	+1	3	8	Cb	1	3	608	482
179		Geneina																									
180		Gallabat								—	—	SW	2	27.0	39	—	20	—	49	—	3	8	Cs	0	0	—	—

Upper Wind Observations on 17th — ارصاد الرياح العليا يوم ١٧

Height metres above M.S.L.; Dir. E. of N.; Kms per hour

Height	Salum 07h 00m Dir.	Kms	Matruh 07h 00m Dir.	Kms	Dikheila 07h 15m Dir.	Kms	Cairo 08h 00m Dir.	Kms	Helwan 08h 30m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Aswan 07h 00m Dir.	Kms	Wadi Halfa 07h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Kassala 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Juba 06h 00m Dir.	Kms	Geneina 06h 00m Dir.	Kms	Ismailia (R.A.F.) 07h 00m Dir.	Kms	Salum 16th 13h 00m Dir.	Kms
200	330	3	330	30	0	30	0	9	10	17	—	—	—	—	350	23	—	—	—	—	—	—	—	—	—	—	10	8	40	6
500	—	—	330	18	0	37	30	36	20	31	10	42	10	29	10	47	210	27	180	32	180	24	250	26	—	—	10	18	—	—
1000	330	16	340	27	0	41	20	40	20	47	10	42	90	3	20	56	270	16	200	48	200	19	270	42	—	—	350	24	320	17
1500	300	33	0	33	350	51			10	52			310	19	320	39	230	31	270	14	190	16	60	8	310	11	0	34	320	17
2000	290	37	330	45	0	48							280	37	250	77			320	14	50	5	180	18	50	37	350	37	330	29
3000															200	55					20	13	170	21	60	56	10	10	330	48
4000																									50	24	270	10		
5000																														
6000																														

Forecast for 24 hours from noon on 17th

Moderate to fresh north to northeast winds.

Mainly clear.

Temperature remaining above normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٧

رياح بين المعتدلة إلى الشديدة نوعا ما بحرية شمالية وشمالية شرقية

السماء صحو على العموم

تستمر درجة الحرارة فوق المعدل.

Station	Mean of day Humidity % on 16th	Diff. from normal	Wet bulb temp. °C on 16th	Diff. from normal
Alexandria	81	+9	22.2	+1.8
Ezbekiya	65	+10	26.4	+0.1
Giza	68	+14	21.5	+1.0
Helwân	47	+6	19.6	+1.8

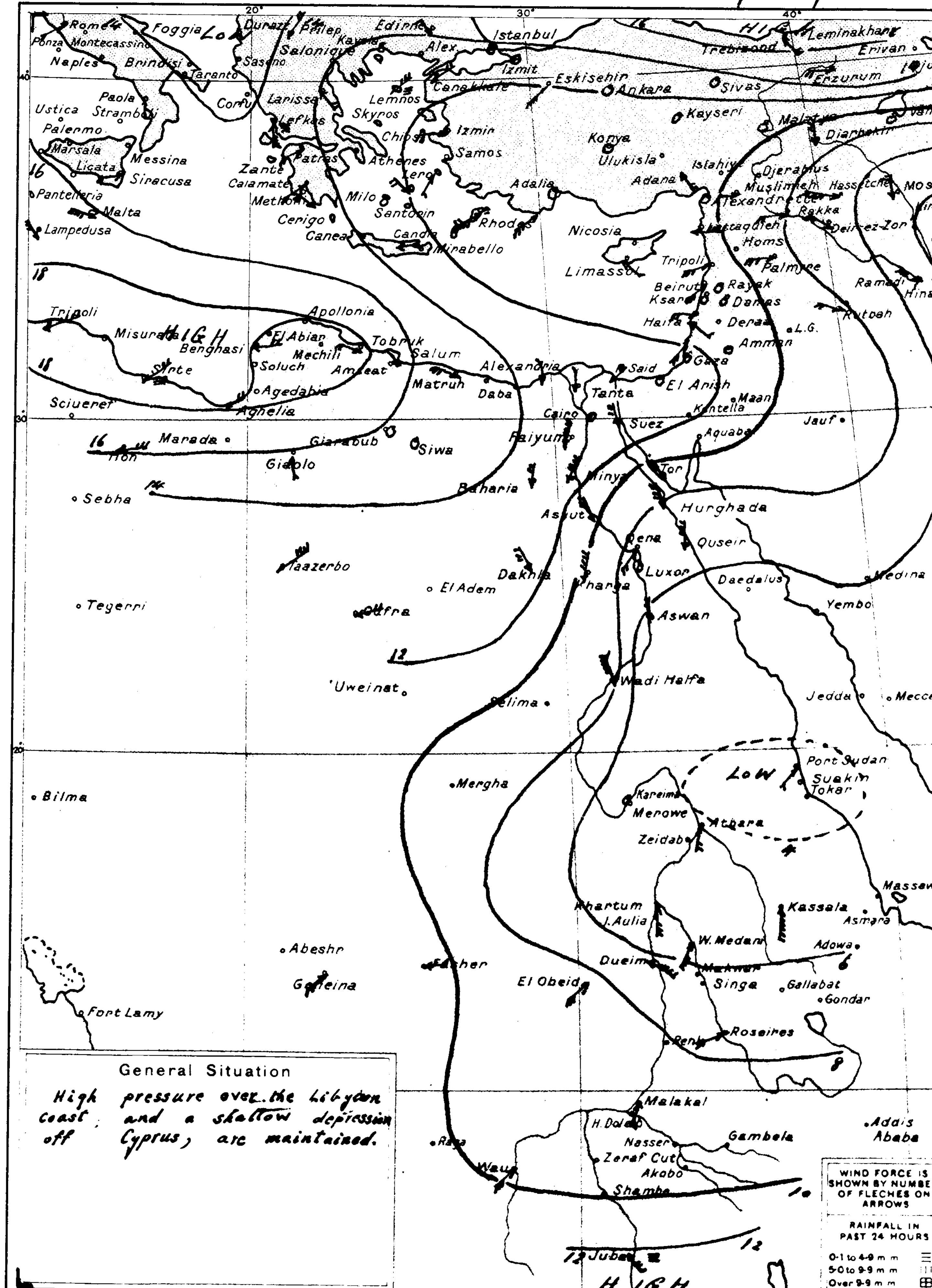
Giza Grass minimum on 17th 15.3 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
17-6	1261	1442
16-6	1237	1424

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	16-6	13.53	+0.04	13.68	+0.19
Nâsser	16-6	7.97	+0.02	7.96	+0.08
Malakâl	17-6	10.96	+0.14	10.95	+0.15
Roseires	17-6	13.15	-0.09	13.42	+0.24
Sennâr Res.	16-6	7.38	—	7.24	—
Khartûm	17-6	10.80	-0.14	10.78	-0.11
Kh. el Girba	16-6	10.50	-0.46	10.50	-0.39
'Atbara	17-6	10.20	-0.13	10.20	-0.11
Kajnarti	17-6	131.92	-0.30	131.84	-0.34
Wâdi Halfa	17-6	1.52	0.00	1.49	-0.01
Aswân Res.	17-6	108.61	—	108.40	—
D. S.	17-6	86.25	-0.07	86.21	-0.09
El Leisi	17-6	17.65	+0.54	17.65	+0.56
Rôda (Cairo)	17-6	15.70	+0.17	15.73	+0.20

Pressure and Wind at 8 h. 17-6-37



General Situation

High pressure over the Libyan coast, and a shallow depression off Cyprus, are maintained.

At 8 h. on 16th — الساعة ٨ يوم ١٦

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from Normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. To day °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1011	+1	E	2	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.6	+2.0	ESE	1	27.6	31	+1	22	+2	75	+8	0	—	—	—	0	365	646	حيفا
Gaza	1012.2	+2.8	—	0	25.1	36	+7	19	+1	77	+9	0	9	—	0	0	395	376	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO
Time of sunrise h. m. 04 54
sunset h. m. 18 58

Month *June* 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ١٨-٦-٣٧ Pressure and Wind at 8 h. 18-6-37

At 14h. on 17th — الساعة ١٤ يوم ١٧ | At 8h. on Friday 18th — الساعة ٨ يوم الجمعة ١٨

No.		STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1016.3	NNE	5	26.0	78	0	9	1015.9	+3.0	NNW	2	23.2	31	—	19	—	78	—	0	7	—	0	0	105	
131		MATRÛH	1016.4	NW	3	26.3	82	0	6	1014.6	+2.2	NNW	3	24.0	27	0	21	+2	88	+13	0	6	—	0	0	182	158
150		DIKHEILA								1014.3	—	NNW	3	23.9	27	—	22	—	86	—	3	7	Sc	1	0	—	—
132		ALEXANDRIA	1013.9	NW	3	27.9	71	0	9	1013.8	+1.8	NNW	3	24.3	29	0	22	+1	80	+8	3	8	Cu	2	0	167	190
169		DAMIETTA								1013.0	—	NNW	1	28.2	28	—	25	—	73	—	1	8	Ac	1	0	75	116
134		PORT SAÎD	1012.6	NE	2	30.2	61	0	8	1012.8	+2.1	NW	2	26.0	31	+2	23	+1	76	+8	0	8	—	1	0	38	82
135		EL 'ARÎSH	1011.4	NNW	3	27.2	79	0	7	1011.8	—	NNW	1	27.0	29	—	21	—	72	—	2	6	Cu	1	0	—	—
136	LOWER EGYPT	DAMANHÛR								1013.6	+1.9	N	3	26.2	34	+1	19	+1	69	+7	0	8	—	0	0	78	110
137		MANSÛRA								1013.3	—	N	1	25.6	37	+3	21	+2	74	+7	0	8	—	0	0	45	57
138		TANTA	1012.3	NNW	5	36.0	29	0	7	1013.6	+1.5	NNW	3	25.5	36	+1	18	-1	76	+13	3	6	Cu	1	0	54	48
139		ZAGÂZÎG	1011.5	NNW	2	35.8	25	0	8	1013.6	—	NNW	1	25.9	36	+2	17	-1	76	+8	1	8	Cs	1	0	20	28
141	MIDDLE EGYPT	CAIRO ALMÂZA	1012.2	N	4	35.8	28	0	7	1013.9	—	NNE	2	23.0	37	—	18	—	84	—	5	6	St	5	tr.	—	—
		CAIRO EZBEKÎYA	1011.2	N	2	36.3	29	0	9	1013.5	+2.2	NNW	2	24.0	38	+3	21	+1	78	+12	4	—	Sc	2	0	18	34
		CAIRO GÎZA	1010.3	NE	2	36.2	29	0	7	1012.3	+0.4	NNE	2	22.8	37	+2	20	+3	84	+18	3	5	Sc	2	0	16	31
143		HELWÂN	1010.7	N	5	36.4	14	0	6	1013.4	+1.7	N	4	23.2	37	+2	20	0	73	+17	0	6	Sc	1	0	17	35
144		SUEZ								1012.8	+2.0	N	3	26.0	36	+1	22	+1	71	+1	0	6	Ci	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1010.7	N	5	36.6	21	0	6	1012.6	+0.9	NNE	4	25.1	37	+1	20	0	67	+10	0	7	—	0	0	6	11
154		MINYA	1009.4	N	7	36.5	24	0	4	1012.0	+1.5	NNW	3	26.5	37	0	21	+1	56	-4	0	8	—	0	0	16	
155		ASYÛT	1008.2	NNW	4	36.8	17	0	8	1011.2	+0.7	NSW	3	26.0	39	+2	21	0	55	+10	0	7	—	0	0	dr.	5
156		QENA	1005.5	SSW	2	42.7	16	0	8	—	—	N	1	31.5	44	+3	25	+2	31	-8	0	8	—	0	0	dr.	—
157		LUXOR	1005.6	NSW	2	42.4	33	0	8	1007.8	—	NSW	1	32.2	44	—	22	—	39	—	0	8	—	0	0	dr.	—
158		ASWÂN	1003.6	N	3	42.6	9	0	8	1006.4	-2.3	N	4	32.8	45	+3	27	+2	21	-10	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1013.6	—	0	39.7	29	0	6	1014.7	+2.7	—	0	31.2	41	+4	21	+2	65	+11	0	6	—	0	0	29	7
149		BAHARÎYA	1012.2	NNE	4	37.4	25	0	9	1014.0	—	N	1	26.3	38	—	20	—	51	—	0	9	—	0	0	26	—
151		KHÂRGA	1008.0	N	5	39.2	33	0	9	1010.7	+1.4	N	5	30.0	40	0	26	+3	51	+10	0	7	—	0	0	0	0
152		DÂKHLA	1010.0	NNE	8	39.0	13	7	3	1012.6	+2.1	NNW	1	29.0	40	0	21	-2	39	+7	0	8	—	0	0	dr.	—
145	RED SEA	TÔR								1008.7	+0.8	NW	5	26.0	37	+4	21	-2	76	+8	0	6	—	0	0	14	14
146		HURGHÂDA								1007.9	-0.6	NNW	4	29.7	34	0	22	-2	43	-5	0	5	—	0	0	dr.	0
147		QUSEIR	1007.2	NNW	4	32.3	52	0	6	1006.7	-1.4	NNW	3	30.6	33	0	27	+1	50	+4	0	6	—	0	0	1	7
169		PORT SUDAN	1002.7	NE	3	37.9	—	1	—	1004.0	-2.0	SW	1	35.7	—	—	27	+1	24	-14	2	—	—	1	0	42	109
165	NORTH SUDAN	WÂDI HALFA	1006.3	NW	4	41	—	1	8	1009.2	+0.6	NNE	4	29.8	43	+2	27	+4	25	+4	6	6	—	0	—	—	—
166		KAREIMA	1002.1	NE	4	46	—	2	8	1004.5	-3.5	NE	4	35.3	47	+4	29	+3	12	-6	0	7	Ac	1	0	1	4
167		'ATBARA	1000.7	S	2	—	—	0	—	1004.0	-2.7	SW	5	36.5	45	+3	29	+3	18	0	0	—	—	0	0	5	10
168		KHARTÛM	1000.8	NE	2	44	—	2	7	1006.0	-2.3	S	6	32.2	46	+6	30	+4	38	0	6	4	Ci, Ac	0	0	33	13
170		KASSALA	1000.2	S	3	40	—	2	8	1005.6	-3.9	S	5	30.0	42	+3	27	+2	53	+5	2	8	Ci	0	0	30	43
171	CENTRAL SUDAN	WAD MEDANI								1004.7	-4.2	SW	4	32.6	43	+4	25	+2	33	-14	1	—	—	0	1	96	49
173		DUEIM	1002.8	S	2	40.8	—	—	—	1006.4	-3.2	SE	6	31.4	43	+4	28	+4	43	-5	1	—	—	1	0	47	37
182		RENK																									
172		ROSEIRES	1004.8	N	2	—	—	1	—	1008.4	-2.8	NSW	2	26.4	39	+4	22	0	53	-12	3	—	—	1	0	116	117
175		EL OBEID	1004.1	NW	3	40	—	3	8	1009.1	-1.3	S	4	27.8	42	+5	25	+3	33	-25	3	8	Cs	0	0	66	53
175		EL FÂSHER								—	—	SW	1	28.0	43	+5	21	-1	22	-25	0	—	—	0	0	0	26
176	S. SUDAN	MALAKÂL	1006.6	SSW	3	34	—	3	8	1013.3	+1.4	ENE	3	24.9	35	+2	22	+1	76	-1	4	8	Cu, Sc	1	0	222	293
177		WÂU	1006.7	S	3	34.8	—	0	—	1010.4	-0.4	SW	3	23.0	34	+1	21	0	88	+9	2	—	—	1	6	461	476
178		JÛBA	1009.2	SSE	3	33	—	2	8	1013.7	+1.2	SSE	3	23.9	36	+1	23	+3	—	—	4	9	Cu, Sc	1	0	608	487
179		Geneina	—	E	3	37	—	2	8	—	—	S	3	27.6	40	—	20	—	43	—	5	8	Sc	2	0	—	—
180		Gallabat								—	—	NSW	2	24.6	36	—	19	—	90	—	0	—	—	0	19	—	—

Upper Wind Observations on 18-6-37 — ارصاد الرياح العليا يوم ١٨/٦/٣٧

Height metres above M.S.L.	Dikheila 07h.30m Dir. E.of N.	Kms per hour	Wadi Halfa 06h.00m Dir.	Kms per hour	Kareima 05h.00m Dir.	Kms per hour	Khartum 05h.00m Dir.	Kms per hour	Kassala 07h.00m Dir.	Kms per hour	Juba 06h.00m Dir.	Kms per hour	Geneina 06h.00m Dir.	Kms per hour	Salum 17th 15h.00m Dir.	Kms per hour	Malakal 06h.00m Dir.	Kms per hour
200	320	23	20	27	—	—	—	—	—	—	—	—	—	—	30	20	—	—
500	340	29	20	60	30	47	190	85	170	32	290	16	—	—	240	11	250	31
1000	340	29	30	60	40	66	190	121	170	32	300	16	—	—	300	26	210	24
1500			350	26	30	48	210	61	220	13	270	11	240	19	280	43	180	26
2000			310	35	30	18			240	11	260	14	0	16	300	46	270	6
3000											220	19	0	21			50	18
4000											210	27	50	10				
5000											180	39						
6000																		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

—

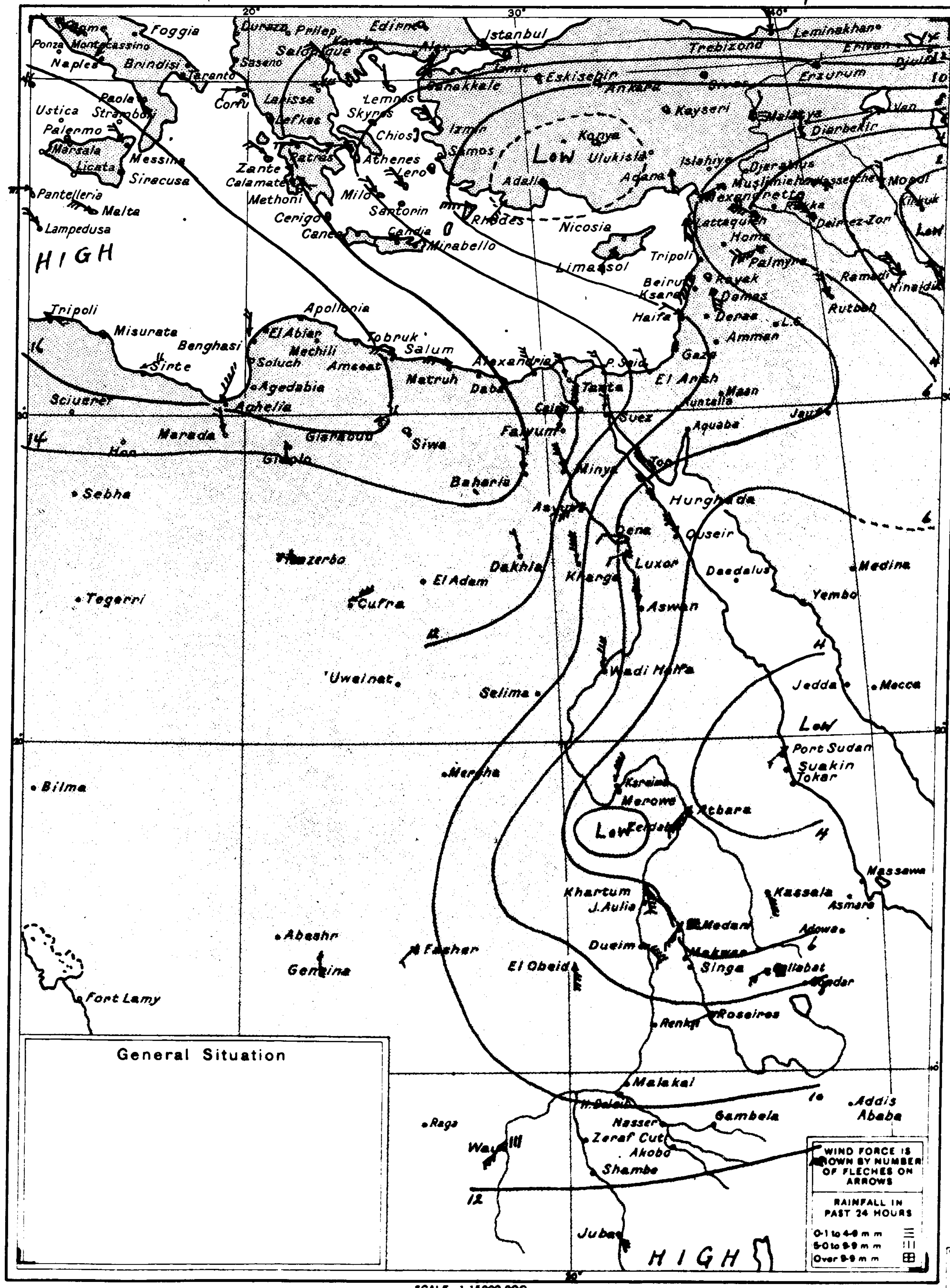
STATION	Mean of day: Humidity % on 17th	Diff from normal	Wet bulb temp. °C on 17th	Diff. from normal
Alexandria	80	+8	22.9	+2.5
Ezbekiya	54	-1	22.5	+1.1
Gîza	58	+3	21.9	+1.4
Helwân	39	-2	19.6	+1.7

Gîza Grass minimum on 18th 16.3 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
18-6	1262	1446
17-6	1261	1442

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18-6	13.47	-0.03	13.51	+0.02
Nâṣṣer	18-6	7.96	-0.06	7.97	-0.02
Malakâl	18-6	10.96	+0.12	10.96	+0.14
Roṣeireṣ	18-6	13.42	+0.15	13.15	-0.09
Sennâr Res.	18-6	7.35	—	7.43	—
Khartûm	18-6	10.86	-0.11	10.80	-0.14
Kh. el Girba	18-6	10.46	-0.65	10.52	-0.50
'Atbara	18-6	10.22	-0.13	10.20	-0.13
Kajnarti	18-6	132.04	-0.22	131.92	-0.30
Wâdi Halfa	18-6	1.58	+0.44	1.52	0.00
Aswân Res.	18-6	108.30	—	108.61	—
,, D. S.	18-6	86.26	-0.07	86.25	-0.07
El Leisi	18-6	17.65	+0.53	17.65	+0.54
Rôda (Cairo)	18-6	15.73	+0.20	15.70	+0.17



General Situation

SCALE 1:15,000,000

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h on 17-6-37 — الساعة ٨ يوم ١٧-٦-٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm. °C	Min. To day °C	Min. Diff. from norm. °C	Humidity %	Diff from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1011	+1	SE	1	31	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.6	+3.0	ESE	1	27.2	30	0	23	+2	80	+13	0	—	—	—	0	365	646	حيفا
Gaza	1012.4	+3.1	—	0	25.8	36	+7	20	+2	79	+10	2	6	—	1	0	395	376	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T 100
Abroad P.T 150

Printed by the Survey of Egypt, 1936. (36/530)

CAIRO

Time of sunrise 04 h. 54 m.

sunset 18 h. 58 m.

Month *June* 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩-٦-٣٧

At 14h. on 18th — الساعة ١٤ يوم ١٨ — At 8h. on Saturday 19th — الساعة ٨ يوم السبت ١٩

No.	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1015.6	NNE	1	26.5	75	0	8	1013.6	+0.8	NNW	3	23.0	30	—	19	—	80	—	1	7	Cu	1	0	105	—
131	MATRÛH	1014.2	WNW	4	25.4	90	0	6	1012.2	-0.2	WNW	4	23.9	26	-1	23	+4	86	+11	2	6	Cu	1	0	182	158
150	DIKHEILA	1013.8	NW	5	25.1	83	2	8	1011.5	—	NW	4	24.0	26	—	22	—	86	—	2	7	Cu	2	0	—	—
132	ALEXANDRIA	1013.0	NW	5	26.8	69	2	8	1010.7	-1.2	NNW	4	23.8	28	-1	22	+1	81	+9	3	8	Cu	2	0	167	190
[illegible]	DAMIETTA								1009.8	—	NNW	2	27.0	32	—	20	—	68	—	0	8	Ci	1	0	75	116
[illegible]	PORT SAÏD	1012.3	NW	3	30.1	59	0	8	1010.6	+0.1	NW	4	26.2	30	+1	23	+1	65	-3	2	8	Ac	2	0	38	82
[illegible]	EL 'ARÎSH	1010.6	NNW	2	27.2	77	0	7	1009.9	—	NNW	1	26.2	27	—	20	—	62	—	1	6	Cu	2	0	—	—
[illegible]	LOWER EGYPT: DAMANHÛR								1011.2	-0.4	WNW	2	26.0	30	-3	19	+1	67	+5	1	8	Ci	1	0	78	110
137	MANSÛRA								1010.2	—	NNW	1	24.9	34	-1	20	+1	65	-2	1	7	Cs	1	0	45	57
138	TANTA	1011.1	NW	4	34.0	36	0	7	1011.0	-1.0	NW	2	24.5	34	-1	17	-2	72	+9	1	7	Ac	2	0	54	48
139	ZAGÂZÎG	1011.1	NNW	2	33.8	34	0	8	1010.8	—	NNW	1	24.9	34	0	18	0	68	0	1	8	Ci	1	0	20	28
141	MIDDLE EGYPT: CAIRO ALMÂZA	1011.4	NNW	4	34.3	36	0	7	1011.4	—	NNW	3	24.1	35	—	19	—	72	—	2	8	Sc	2	0	—	—
	CAIRO EZBEKÎYA	1010.2	NNE	2	35.1	28	0	8	1010.4	-0.8	NNW	1	25.9	36	+1	21	+1	59	-7	2	6	Cu	1	0	18	34
	CAIRO GÎZA	1009.8	NNE	1	35.3	28	0	7	1010.0	-1.8	N	2	24.6	36	+1	20	+3	65	-1	3	5	Sc	2	0	16	31
143	HELWÂN	1010.2	NNW	5	33.4	27	6	5	1010.8	-0.8	N	3	22.8	35	0	21	+1	65	+9	2	5	Sc	2	0	17	35
144	SUEZ								1010.8	+0.1	NNW	2	24.8	35	0	22	+1	88	+17	4	6	Ac	2	0	13	26
153	UPPER EGYPT: FAIYÛM	1010.0	N	4	31.0	36	0	7	1010.7	-1.0	N	4	24.8	37	+1	19	-1	61	+3	1	6	Cu	3	0	6	11
154	MINYA	1009.8	N	4	35.3	26	0	7	1010.0	-0.4	N	4	24.0	36	-1	19	-1	67	+7	0	8	Cu	1	0	16	—
155	ASYÛT	1008.2	NNW	4	36.0	19	0	8	1009.8	-0.6	NW	3	23.2	38	+1	18	-4	73	+28	0	7	—	0	0	dr	5
156	QENA	1004.7	N	2	42.4	18	0	9	1007.0	-1.3	W	2	32.0	43	+2	24	+1	30	-9	0	8	—	0	0	dr	—
157	LUXOR	1004.3	NNE	3	40.6	33	0	8	1006.7	—	NE	1	31.2	43	—	23	—	45	—	0	8	—	0	0	dr	—
158	ASWÂN	1004.8	N	4	41.0	15	0	8	1006.4	-2.2	N	3	31.0	43	+1	26	+1	28	-3	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1013.5	NE	1	36.0	46	0	6	1013.3	+1.4	NE	1	24.9	40	+3	20	+1	82	+27	0	6	—	0	0	29	7
149	BAHARÎYA	1011.5	NNE	3	36.0	29	0	9	1012.6	—	N	3	23.6	37	—	19	—	70	—	0	9	—	0	0	26	—
151	KHÂRGA	1007.4	N	7	38.8	35	7	5	1009.8	+0.6	N	3	28.7	40	0	26	+3	49	+8	0	9	—	0	0	0	0
152	DÂKHLA	1009.9	NNW	6	39.0	16	7	6	1011.2	+0.8	NNW	1	28.7	40	0	24	+1	20	-12	0	8	—	0	0	dr	—
145	RED SEA: TÔR								1006.0	-1.8	NW	5	26.0	41	+8	26	+3	69	-4	0	6	—	0	0	14	14
146	HURGHÂDA								1006.2	-2.2	NNW	5	28.0	39	+5	24	0	46	-3	0	5	—	0	0	dr	0
147	QUSEIR	1005.5	N	5	31.9	53	0	6	1006.0	-2.0	NNW	3	29.9	34	+1	27	+1	53	+7	0	6	—	0	0	1	7
169	PORT SUDAN	1002.7	NE	3	28.5	—	4	—	1004.7	-1.3	NE	2	34.6	—	—	26	0	34	-4	2	—	—	0	0	42	109
165	NORTH SUDAN: WÂDI HALFA	1009.0	WNW	2	30.1	—	3	5	1010.0	+1.4	NNW	4	28.5	41	0	25	+2	31	+10	6	5	—	0	—	—	—
166	KAREIMA								1006.3	-1.7	N	3	33.0	46	+3	28	+2	16	-2	6	5	—	0	0	1	4
167	'ATBARA	1000.7	NW	2	35.0	—	0	—	1003.0	-3.7	NNW	2	36.0	45	+3	30	+4	11	-7	0	—	—	0	0	5	10
168	KHARTÛM	1002.1	W	3	41.3	—	6	5	1006.2	-2.2	SW	3	32.5	42	+1	29	+3	43	+4	0	8	Cc	0	0	33	13
178	KASSALA								1006.0	-3.6	S	5	30.2	41	+2	27	+3	47	-2	0	8	Ci	0	0	30	44
171	CENTRAL SUDAN: WAD MEDANI								1007.2	-1.8	SSW	5	30.2	41	+2	26	+3	50	+2	1	—	—	0	dr	96	50
173	DUEIM								1007.5	-2.1	SE	4	31.0	41	+2	28	+4	49	0	0	—	—	1	0	47	37
182	RENK																									
172	ROSEIRES	1005.9	WNW	2	35.8	—	0	—	1008.3	-2.9	SSW	2	28.8	36	+1	24	+2	51	-14	3	—	—	0	0	116	181
174	EL OBEID								1008.7	-1.8	SSW	5	29.8	38	+1	26	+4	36	-23	3	8	Cs	2	0	66	54
175	EL FÂSHER	—	SSE	1	35.4	—	0	—	—	—	N	1	31.0	42	+4	23	+1	15	-33	0	—	—	0	0	0	26
176	S. SUDAN: MALAKÂL								1009.9	-2.0	SSW	2	26.5	34	+2	21	0	63	-14	4	8	Sc	1	0	222	298
177	WAU								1009.6	-1.3	SW	2	27.0	34	+1	24	+3	78	-1	1	—	—	1	0	461	481
178	JÛBA	1008.1	SW	2	—	—	2	8	1012.8	+0.3	SSW	3	25.3	34	+2	21	+1	76	-6	4	9	Cu, Ci	2	8	616	492
179	Geneina								—	—	SW	2	24.9	41	—	21	—	40	—	3	6	Cs	4	0	—	—
180	Gallabat	—	WSW	2	34.3	—	0	—																		

Upper Wind Observations on 19th — ارصاد الرياح العليا يوم ١٩

Height metres above M.S.L.	Salum 07h 00m Dir. E of N	Salum Kms per hour	Matruh 07h 00m Dir. E of N	Matruh Kms per hour	Cairo 08h 00m Dir. E of N	Cairo Kms per hour	Helwan 08h 15m Dir. E of N	Helwan Kms per hour	Asyut 07h 00m Dir. E of N	Asyut Kms per hour	Aswan 07h 00m Dir. E of N	Aswan Kms per hour	W. Halfa 06h 00m Dir. E of N	W. Halfa Kms per hour	Kareima 05h 00m Dir. E of N	Kareima Kms per hour	Khartum 05h 00m Dir. E of N	Khartum Kms per hour	Kassala 07h 00m Dir. E of N	Kassala Kms per hour	Malakal 06h 00m Dir. E of N	Malakal Kms per hour	Juba 06h 00m Dir. E of N	Juba Kms per hour	Geneina 06h 00m Dir. E of N	Geneina Kms per hour	Ismailia 07h 00m Dir. E of N	Ismailia Kms per hour	Abu [illegible] 07h Dir. E of N	Abu [illegible] Kms per hour
200	330	16	310	28	20	11	350	22	—	—	—	—	350	34	—	—	—	—	—	—	—	—	—	—	—	—	130	18	320	[illegible]
500	—	—	320	31	0	25	10	18	330	32	350	56	350	66	10	58	220	39	190	31	180	27	260	32	—	—	340	13		
1000	Ext. Cu		350	31	Ext. Cu		10	24	350	53	0	62	10	77	20	56	230	27	210	39	190	21	270	42	—	—	10	24		
1500			Ext. Cu				20	18			290	15	350	68	30	34	230	31	250	27	230	13	290	18	50	27	340	13		
2000							Ext. Cu								40	21	240	16	290	23	230	3	270	19	60	47	330	18		
3000																	280	8	300	18	40	21	240	8			290	27		
4000																							150	13			290	32		
5000																							180	27			300	47		
6000																							160	27						

Forecast for 24 hours from noon on 19th

Moderate winds northwesterly on the coast, northerly inland.
Clear or occasional medium cloud.
Normal temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ١٩

رياح معتدلة شمالية غربية على الساحل وشمالية في الداخل

السماء صحو او يظهر بها السحاب المتوسط الارتفاع احيانا

درجة الحرارة حول المعدل

STATION	Mean of day Humidity on 18th	Diff. from normal	Wet bulb temp. on 18th	Diff. from normal
Alexandria	79	+7	21.9	+1.4
Ezbekiya	64	+9	21.4	0.0
Giza	66	+11	21.3	+0.7
Helwân	53	+12	20.1	+2.1

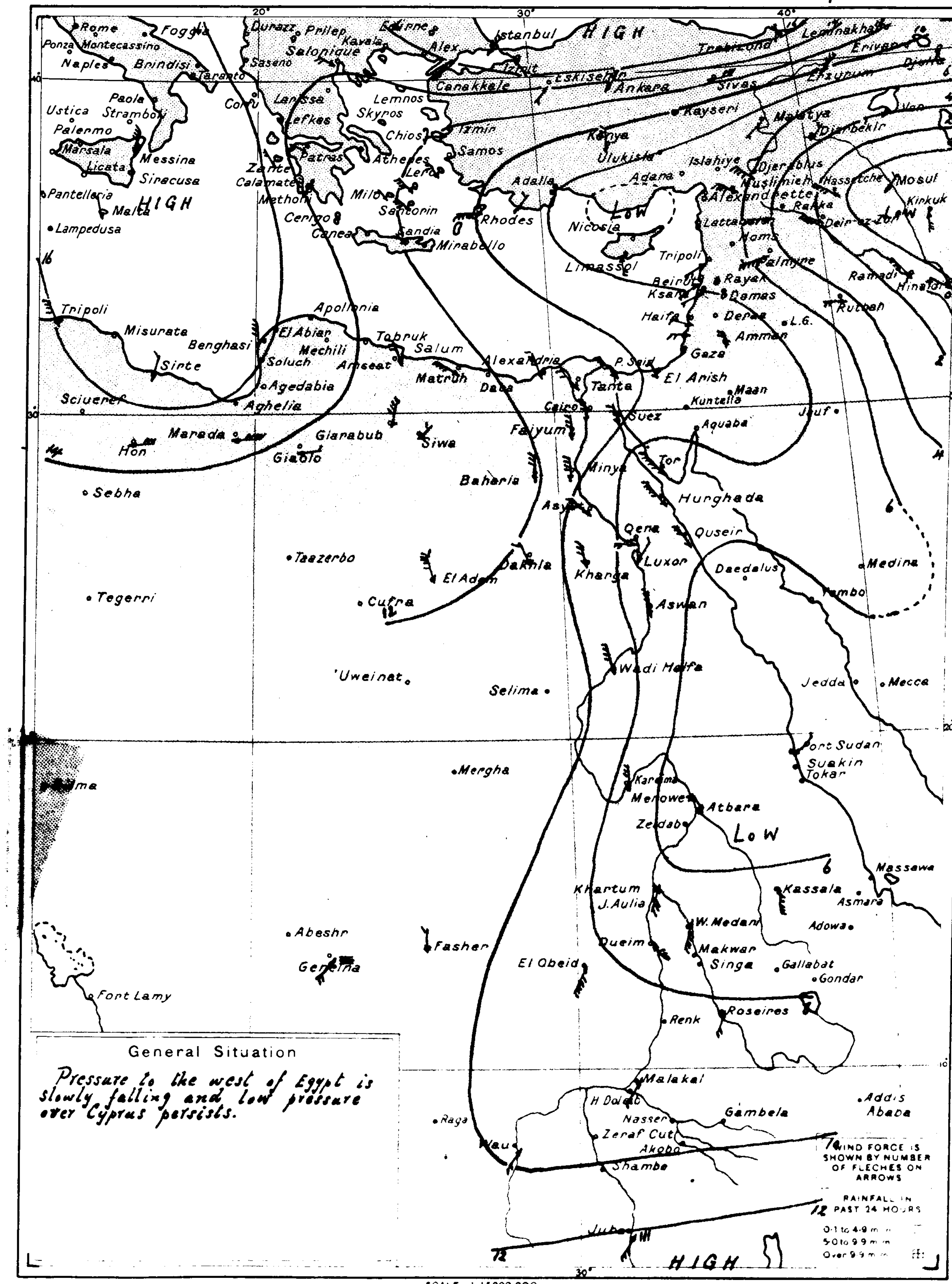
Giza Grass minimum on 19th 17.9°C

Discharges at Aswan measured by sluices m³ per sec

DATE	1937	1936
19-6	1261	1446
18-6	1262	1646

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	18-6	13.47	-0.03	13.51	+[illegible]
Nâsser	18-6	7.96	-0.06	7.97	-[illegible]
Malakâl	19-6	10.97	+0.11	10.96	+[illegible]
Roseires	19-6	13.28	-0.04	13.42	+[illegible]
Sennâr Res.	18-6	7.33	—	7.43	—
Khartûm	18-6	10.86	-0.11	10.80	-[illegible]
Kh. el Girba	18-6	10.46	-0.63	10.52	-[illegible]
'Atbara	19-6	10.24	-0.13	10.22	-[illegible]
Kajnarti	19-6	132.14	-0.15	132.04	-[illegible]
Wâdi Halfa	19-6	1.65	+0.09	1.58	+[illegible]
Aswân Res.	19-6	107.97	—	108.30	
D. S.	19-6	86.26	-0.09	86.26	-[illegible]
El Leisi	19-6	17.68	+0.55	17.65	+[illegible]
Rôda (Cairo)	19-6	15.75	+0.21	15.73	+[illegible]

Pressure and Wind at 8 h. 19-6-37.



General Situation

Pressure to the west of Egypt is slowly falling and low pressure over Cyprus persists.

At 8h. on 18th — الساعة ٨ يوم ١٨

STATION	مرصد	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
Limassol	ليماسول	1009	-1	SW	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—
Haifa	حيفا	1011.5	+3.0	WNW	1	27.8	31	+1	23	+2	80	+13	0	—	—	—	0	365	646
Gaza	غزة	1011.9	+2.7	—	0	26.0	35	+6	20	+2	79	+10	2	5	—	1	0	395	376

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Prin[illegible]

CAIRO
Time of sunrise 4 h. 55 m.
sunset 18 h. 59 m.

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

Month *June* 1937 ١٩٣٧ شهر يونيه

DAILY WEATHER REPORT ٢٠-٦-٣٧

At 14h. on 19th — الساعة ١٤ يوم ١٩ ; At 8h. on Sunday 20th — الساعة ٨ يوم الاحد ٢٠

No.	Region	Station	14h 19th Bar. (m.b.)	Wind Dir.	Force	Temp. °C	Humidity %	Present weather	Visibility	8h 20th Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1013.8	NNE	6	25.3	81	0	9	1012.0	-0.7	NW	5	23.6	29	—	20	—	80	—	0	6	—	0	0	105	—
131		MATRÛH	1011.8	WNW	4	25.0	87	0	6	1010.2	-2.1	WNW	4	24.0	26	-1	21	+2	80	+4	3	6	Sc	1	0	182	158
150		DIKHEILA								1009.1	—	WNW	4	25.0	26	—	23	—	—	—	0	7	—	0	0	—	—
132		ALEXANDRIA	1010.6	NW	5	26.7	75	3	8	1008.7	-3.0	NW	4	24.2	28	-1	22	+1	83	+11	0	9	—	0	0	167	190
159		DAMIETTA								1007.4	—	NNW	2	28.7	32	—	22	—	71	—	0	8	Ci	1	0	75	116
134		PORT SAÏD	1009.9	NW	3	28.4	65	0	8	1007.6	-2.9	NW	2	26.2	29	0	23	+1	77	+9	2	7	Cu	2	0	38	82
135		EL 'ARÎSH	1008.2	NNW	2	26.3	69	0	7	1007.1	—	WSW	2	26.6	27	—	21	—	72	—	2	7	Cu	1	0	—	—
136	LOWER EGYPT	DAMANHÛR								1008.3	-3.2	W	3	27.0	31	-2	20	+2	63	+1	0	8	—	0	0	78	110
137		MANSÛRA								1007.4	—	NNW	1	26.5	33	-2	22	+3	69	+2	0	8	Ci	1	0	45	57
138		TANTA	1009.0	NNW	4	31.0	48	0	7	1008.2	-3.7	NNW	2	26.0	32	-3	20	+1	76	+13	0	7	—	0	0	54	48
139		ZAGÂZÎG	1008.7	NNW	1	32.8	36	0	8	1008.3	—	NNW	1	26.4	33	-1	22	+4	73	+5	0	8	Ci	1	0	20	28
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1007.0	NNE	4	32.4	40	0	8	1009.0	—	NNW	3	25.4	33	—	20	—	75	—	2	7	Sc	2	0	—	—
	CAIRO	EZBEKÎYA	1008.3	N	2	32.6	32	0	9	1008.2	-2.9	WNW	2	27.1	35	0	22	+2	68	+1	2	6	Cu	1	0	18	34
	CAIRO	GÎZA	1007.9	NNW	1	33.3	33	0	7	1007.8	-3.9	NNW	2	24.8	34	-1	22	+5	77	+10	2	6	Sc	2	0	16	31
143		HELWÂN	1007.9	NW	5	31.7	25	6	6	1008.2	-3.3	NNW	2	23.9	33	-2	21	+1	74	+18	1	5	Sc	1	0	17	35
144		SUEZ								1008.4	-2.1	N	2	25.0	34	-1	22	0	91	+20	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1008.7	N	4	33.4	24	0	8	1009.0	-2.6	N	3	25.0	35	-1	21	+1	70	+12	1	6	Cu	1	0	6	11
154		MINYA	1008.7	N	4	32.3	38	0	7	1008.4	-1.9	NNE	3	24.5	34	-3	21	+1	69	+9	0	4	—	1	0	16	—
155		ASYÛT	1007.5	NW	4	31.6	39	0	8	1007.9	-2.4	NNW	3	24.2	34	-3	21	-1	74	+29	1	7	Cu	1	0	dr	5
156		QENA	1003.8	N	1	40.2	19	0	9	1006.0	-2.3	W	3	28.4	40	-1	18	-5	49	+10	0	8	—	0	0	dr	—
157		LUXOR	1004.3	NW	3	42.2	27	0	8	1005.1	—	NNW	2	30.1	38	—	21	—	49	—	0	8	—	0	0	dr	—
158		ASWÂN	1002.7	N	4	40.0	12	0	8	1005.1	-3.4	N	2	29.6	41	-1	22	-3	35	+4	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1011.6	NNW	3	36.1	40	0	6	1011.2	-0.7	N	1	23.7	38	+1	20	0	86	+31	0	6	—	0	0	29	7
149		BAHARÎYA	1009.8	NNW	4	33.4	39	0	9	1010.4		N	2	25.8	35	—	19	—	61	—	0	9	—	0	0	26	—
151		KHÂRGA	1007.0	N	5	36.6	39	0	4	1008.0	-1.1	N	4	27.2	37	-3	23	0	65	+24	0	9	—	0	0	0	0
152		DÂKHLA	1009.3	NNW	6	36.5	6	7	4	1010.0	-0.4	NNW	2	26.0	37	-3	23	0	26	-6	0	7	—	0	0	dr	—
145	RED SEA	TOR								1004.4	-3.3	NW	4	26.5	33	0	24	+1	59	-14	0	6	—	0	0	14	14
146		HURGHÂDA								1005.0	-3.3	NNW	4	27.8	32	-2	22	-2	58	+9	0	5	—	0	0	dr	0
147		QUSEIR	1004.0	N	3	30.8	58	0	6	1004.0	-3.9	N	3	29.7	32	-2	26	0	52	+5	0	6	—	0	0	1	7
169		PORT SUDAN	1003.1	ENE	2	36.2	30	2	—	1004.0	-2.0	N	1	34.0	—	—	27	+1	34	-4	2	—	—	0	0	42	109
165	NORTH SUDAN	WÂDI HALFA	1006.5	NNW	7	38.4	10	7	3	1008.8	+0.2	N	5	28.6	39	-2	27	+4	31	+10	4	7	Cs	1	—	—	—
166		KAREIMA	1004.3	N	5	42.8	5	0	7	1006.4	-1.6	NNW	4	31.0	43	0	25	-1	13	-6	6	4	—	0	0	1	4
167		'ATBARA	1001.1	N	2	44.8	20	0	—	1005.5	-1.2	W	2	35.5	45	+3	29	+3	13	-6	0	—	—	0	0	5	10
168		KHARTÛM	1002.3	SSW	2	41.2	15	6	7	1006.4	-2.0	S	5	31.0	44	+4	28	+2	48	+9	1	6	Cs	1	0	33	13
170		KASSALA	1004.4	SW	4	39.0	21	2	7	1006.4	-3.2	S	4	27.5	40	+2	22	-2	56	+7	2	8	—	0	11	41	45
171	CENTRAL SUDAN	WAD MEDANI								1006.2	-2.8	S	5	29.8	40	+1	26	+3	49	0	2	—	—	0	0	96	52
173		DUEIM	1003.0	S	3	40.0	10	1	—																		
182		RENK	—	SSW	3	31.8	50	1	—																		
172		ROSEIRES								1009.8	-1.5	SSW	2	23.7	39	+5	20	-2	84	+18	3	—	—	6	24	140	184
174		EL OBEID	1004.3	SW	4	39.0	24	4	8	1008.8	-1.7	SW	3	29.0	41	+4	25	+3	34	-25	4	8	Cs	1	0	66	55
175		EL FÂSHER	—	E	3	41.0	10	0	—	—	—	NNW	1	24.5	43	+5	20	-2	30	-19	0	—	—	0	0	0	27
176	S. SUDAN	MALAKÂL	1007.0	SSW	4	34.3	40	4	8	1009.3	-2.6	SSW	3	27.4	35	+3	23	+2	77	0	3	8	Sc	1	0	222	303
177		WAU	1007.6	W	2	32.4	50	1	—	1012.2	+1.3	W	3	22.0	34	+1	21	0	82	+3	2	—	—	1	0	461	487
178		JÛBA	1008.8	SE	3	32.0	43	4	7	1013.9	+1.4	E	4	21.2	33	+1	20	0	100	+18	8	3	—	8	10	626	497
179		Geneina	—	E	3	37.3	14	0	6	—	—	N	1	26.5	41	—	24	—	20	—	0	6	—	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 20th — ارصاد الرياح العليا يوم ٢٠

Height metres above M.S.L. — for each station: Dir. E. of N / Kms per hour

Height	Salum 07h 00m Dir	Kms	Matruh 07h 00m Dir	Kms	Cairo 08h 00m Dir	Kms	Helwan 08h 45m Dir	Kms	Asyut 07h 00m Dir	Kms	Aswan 07h 00m Dir	Kms	Kareima 05h 00m Dir	Kms	Khartum 05h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Ismailia 07h 00m (R.A.F.) Dir	Kms	Abu Kir 07h 00m (R.A.F.) Dir	Kms	Heliopolis 07h 00m (R.A.F.) Dir	Kms	Geneina 06h 40m Dir	Kms	Salum 19th 13h 00m Dir	Kms
200	310	15	240	24	340	18	320	12	—	—	—	—	—	—	—	—	—	—	—	—	280	13	310	31	320	11	—	—	20	31
500	—	—	300	28	350	26	350	19	340	25	350	43	350	47	140	43	170	34	210	24	280	13	330	42	340	21	—	—	—	—
1000	340	31			10	36	10	31			20	42	350	37	150	34	180	45	210	34	330	26	330	27	0	27	—	—	330	13
1500	330	46			Ent. Cu.		20	18			350	13	320	21	160	27	230	31	210	32	0	26	330	18	50	18	80	37	320	41
2000							50	12							150	21	260	43	50	10			170	14	50	16	70	50		
3000							320	28											50	26			320	21			70	45		
4000							310	33															310	27						
5000							290	34																						
6000																														

Forecast for 24 hours from noon on 20th

Forecasts will not be issued during the Summer unless exceptional weather is expected.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢٠

لا يصدر التنبؤ خلال فصل الصيف الا اذا طرأت حالة جوية غير عادية

Station	Mean of day Humidity on 19th	Diff. from normal	Wet bulb temp. on 19th	Diff. from normal
Alexandria	81	+9	22.4	+1.8
Ezbekiya	58	+3	21.6	+0.1
Giza	60	+5	21.4	+0.8
Helwan	55	+14	19.5	+1.5

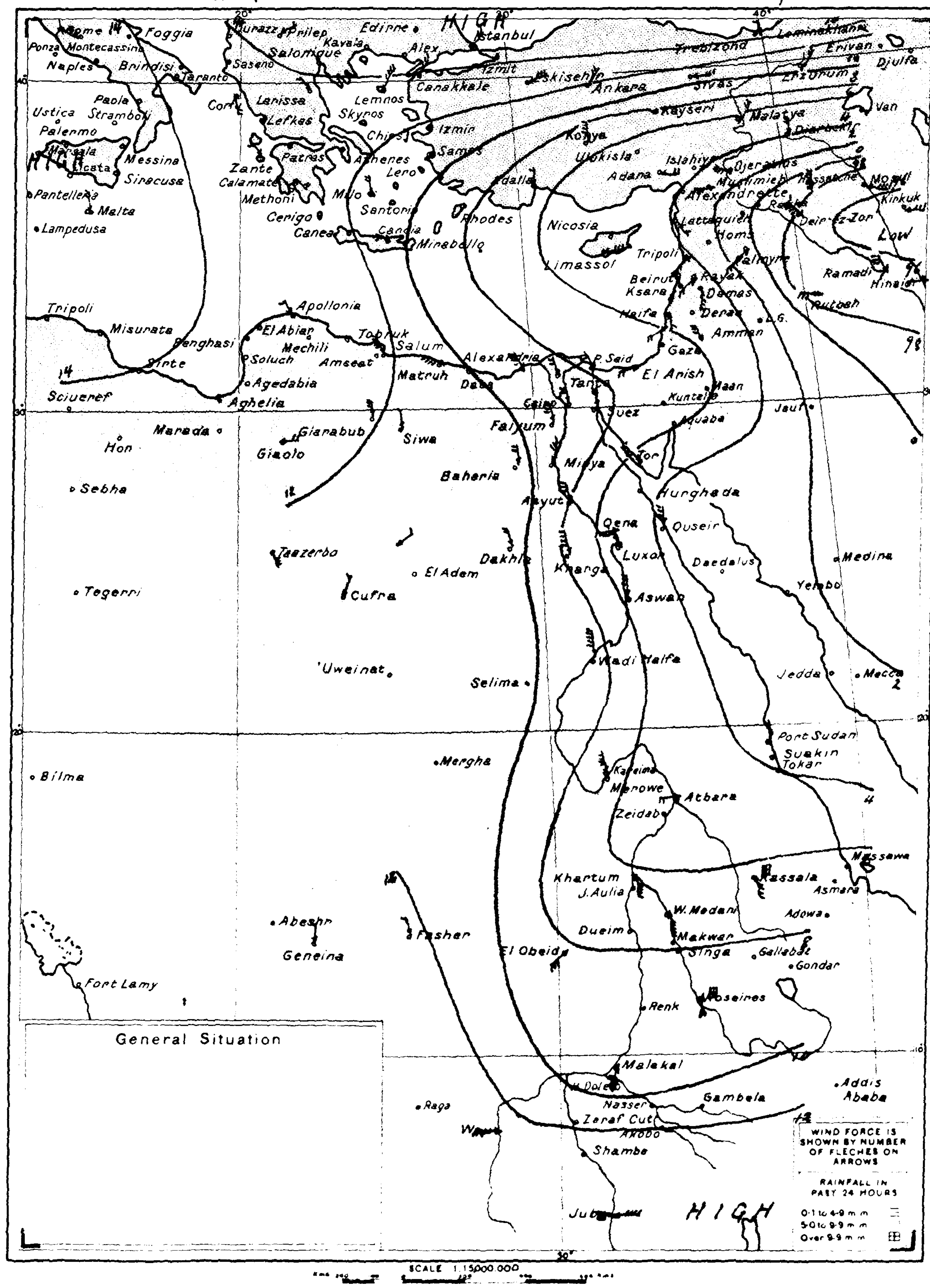
Giza Grass minimum on 20th 17.3

Discharges at Aswan measured by sluices m.³ per sec

Date	1937	1936
20-6	1295	1446
19-6	1261	1446

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	20-6	13.45	-0.05	13.41	-0.04
Nâsser	19-6	7.97	-0.11	7.96	-0.06
Malakâl	20-6	10.48	+0.10	10.47	+0.11
Roseires	20-6	13.30	-0.06	13.28	-0.04
Sennâr Res.	19-6	7.29	—	7.33	—
Khartûm	20-6	11.06	0.00	10.91	-0.12
Kh. el Girba	19-6	10.48	-0.65	10.46	-0.63
Atbara	20-6	10.26	-0.14	10.24	-0.13
Kajnarti	19-6	132.14	-0.15	132.04	-0.22
Wâdi Halfa	20-6	1.71	+0.14	1.65	+0.09
Aswân Res.	20-6	107.70	—	107.97	—
,, D.S.	20-6	86.30	-0.07	86.26	-0.09
El Leisi	20-6	17.70	+0.55	17.62	+0.55
Rôda (Cairo)	20-6	15.75	+0.21	15.75	+0.21

Pressure and Wind at 8 h. 20-6-37



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY
Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

At 8 h. on 19th — الساعة ٨ يوم ١٩

Station	Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.	مرصد
Limassol	1008	-3	S	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.7	+4.3	WNW	1	28.1	31	+1	24	+3	85	+18	0	—	—	—	0	365	646	حيفا
Gaza	1009.4	+0.4	—	0	25.7	33	+4	20	+2	68	-1	2	5	—	1	0	395	376	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO
Time of sunrise h. m. 04 55
sunset h. m. 18 59

Month *June* 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 20th — الساعة ١٤ يوم ٢٠ ; At 8h. on Monday 21st — الساعة ٨ يوم الاثنين ٢١

No.	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Diff. from normal m.b.	8h Wind Dir.	8h Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.
130	**Mediterranean** SALÛM	1011.2	NNW	4	29.0	55	0	8	1011.2	-1.4	NNW	5	23.6	32	—	21	—	84	—	0	7	—	0	0	105	—
131	MATRÛH	1009.6	NW	5	25.3	81	0	6	1009.5	-2.7	NW	4	24.2	26	-2	23	+4	84	+8	3	6	Cu	1	0	182	158
150	DIKHEILA	1008.7	WNW	5	26.3	83	0	8	1008.9	—	WNW	4	24.2	27	—	22	—	88	—	2	7	Cu	0	0	—	—
132	ALEXANDRIA	1008.4	NW	5	27.2	71	0	8	1008.6	-3.1	NW	4	24.1	28	-1	22	+1	83	+10	2	9	Cu	2	0	167	190
159	DAMIETTA								1007.0	—	SW	2	27.5	31	—	20	—	70	—	2	8	Ci	1	0	75	116
134	PORT SAÏD	1007.9	NW	3	30.2	61	0	8	1008.2	-2.2	NW	3	25.5	31	+2	23	+1	75	+7	4	7	Cb	2	0	38	82
135	EL 'ARÎSH	1005.9	NNW	3	28.2	70	0	7	1007.4	—	WSW	1	26.6	29	—	22	—	72	—	2	6	Cu	1	0	—	—
136	**Lower Egypt** DAMANHÛR								1008.3	-3.1	NW	2	26.5	31	-2	19	+1	66	+4	0	7	Cc	1	0	78	110
137	MANSÛRA								1007.4	—	N	2	25.8	36	+1	20	+1	69	+1	1	7	Cs	1	0	45	57
138	TANTA	1006.7	NW	7?	32.2	50	0	7	1008.3	-3.5	NW	7?	25.0	33	-2	18	-1	80	+17	2	7	Cu	1	0	54	48
139	ZAGÂZÎG	1006.4	NNW	1	34.4	38	0	8	1008.7	—	NNW	1	25.4	34	0	19	+1	74	+6	1	8	Cs	1	0	20	28
141	**Middle Egypt** Cairo: ALMÂZA	1007.0	WNW	3	34.3	39	0	7	1009.1	—	NNW	1	24.0	35	—	19	—	80	—	3	7	Sc	2	0	—	—
	Cairo: EZBEKÎYA	1006.2	NNW	2	35.3	33	0	9	1008.6	-2.4	NNW	1	24.3	37	+2	21	+1	72	+4	2	5	Cu	1	0	18	34
143	Cairo: GÎZA	1005.6	NNW	2	36.0	29	0	7	1008.0	-3.6	NNW	2	24.1	36	+1	21	+3	78	+11	2	6	Sc	2	0	16	31
[illegible]	HELWÂN	1005.6	NW	5	33.9	28	6	7	1008.4	-3.0	NW	3	23.0	35	0	20	0	74	+17	1	5	Sc	1	0	17	35
144	SUEZ								1008.3	-2.1	N	2	25.0	37	+2	22	0	89	+18	0	6	—	0	0	13	26
153	**Upper Egypt** FAIYÛM	1006.7	N	4	35.3	25	0	8	1009.1	-2.4	NNE	4	24.8	37	+1	19	-1	67	+9	0	7	—	0	0	6	11
154	MINYA	1006.4	NNW	4	35.3	28	0	8	1008.0	-2.2	N	3	25.7	36	-1	19	-1	60	0	0	8	—	0	0	16	—
155	ASYÛT	1005.5	NW	3	35.0	28	0	8	1007.8	-2.5	WSW	3	26.0	37	0	21	-1	48	+3	0	7	—	0	0	dr	5
156	QENA	1003.2	SW	2	38.3	25	0	9	1006.3	-1.9	NNE	1	30.4	40	-1	25	+2	45	+6	0	8	—	0	0	dr	—
157	LUXOR	1004.6	NNW	1	39.2	34	0	8	1005.3	—	—	0	33.5	40	—	22	—	44	—	0	8	—	0	0	dr	—
158	ASWÂN	1004.6	N	1	39.0	17	0	8	1005.1	-3.3	N	3	31.2	40	-2	24	-1	33	+2	0	8	—	0	0	1	—
148	**Western Desert** SÎWA	1009.6	NW	1	35.9	30	0	6	1012.4	+0.6	NW	2	24.6	38	+1	20	0	78	+23	0	6	—	0	0	29	7
149	BAHARÎYA	1008.4	WNW	3	34.3	35	0	9	1010.2		ENE	1	26.3	35	—	19	—	63	—	0	9	—	0	0	26	—
151	KHÂRGA	1005.6	N	4	35.4	39	0	9	1007.1	-2.0	N	3	28.9	38	-2	26	+3	61	+20	0	9	—	0	0	0	0
152	DÂKHLA	1007.2	NNW	4	35.3	6	0	7	1009.4	-0.9	WNW	1	28.5	37	-3	23	0	28	-4	0	8	—	0	0	dr	—
145	**Red Sea** TOR								1005.3	-2.3	NW	5	26.0	32	-2	24	+1	76	+3	0	6	—	0	0	14	14
146	HURGHADA								1005.1	-3.1	NNW	4	29.2	32	-2	25	+1	53	+4	0	5	—	0	0	dr	0
147	QUSEIR	1003.8	N	3	30.9	62	0	6	1004.7	-3.1	NNW	2	30.7	32	-2	26	0	54	+7	0	6	—	0	0	1	7
169	PORT SUDAN								1004.0	-1.9	N	1	35.4	—	—	23	-3	26	-12	0	—	—	0	0	42	109
165	**North Sudan** WÂDI HALFA								1008.5	0.0	NNW	1	28.6	38	-3	22	-1	31	+10	1	7	Ci	1	—	—	—
166	KAREIMA								1006.9	-1.1	—	0	31.0	40	-3	23	-3	17	-2	1	7	Ci	0	0	1	4
167	'ATBARA								1006.3	-0.4	NNW	2	34.0	42	0	26	0	16	-3	0	—	—	0	0	5	10
168	KHARTÛM								1007.3	-1.1	S	3	34.8	41	+1	27	+1	28	-12	4	7	Ci	0	0	33	13
170	KASSALA								1007.9	-1.8	S	5	29.7	38	0	26	+2	47	-2	0	6	—	0	0	41	46
171	**Central Sudan** WAD MEDANI								1009.3	+0.3	SSW	5	27.7	40	+1	25	+2	49	-1	1	—	—	0	0	96	53
173	DUEIM								1009.0	-0.6	E	4	29.0	42	+3	25	+1	45	-5	0	—	—	0	0		39
182	RENK																									
172	ROSEIRES								1011.9	+0.6	SSW	2	24.8	33	-1	23	+1	75	+8	3	—	—	1	0	140	188
174	EL OBEID								1010.0	-0.6	SW	4	28.0	40	+3	25	+3	33	-27	4	8	Cs	1	0	66	56
175	EL FÂSHER								—	—	SW	1	28.0	41	+3	20	-2	20	-29	0	—	—	0	0	0	27
176	**S. Sudan** MALAKÂL								1012.4	+0.4	NW	1	22.8	34	+2	21	0	83	+5	4	8	Cb, Sc	8	13	235	308
177	WAU								1013.0	+2.1	SE	1	24.0	31	-2	22	+1	86	+7	4	→	→	2	0	461	492
178	JÛBA								1015.7	+3.2	NNW	3	21.8	29	-3	21	+1	91	+19	8	3	Cb	8	1	687	502
179	Geneina								—	—	W	2	23.0	40	—	19	—	44		2	7	Ci	0	0	—	—
180	Gallabat																									

Upper Wind Observations on 21st — ارصاد الرياح العليا يوم ٢١

Height metres above M.S.L.	Salum 07h00m Dir. E of N	Salum Kms per hour	Matruh 07h00m Dir.	Matruh Kms	Dikheila 07h15m Dir.	Dikheila Kms	Cairo 08h15m Dir.	Cairo Kms	Helwan 08h30m Dir.	Helwan Kms	Asyut 07h00m Dir.	Asyut Kms	Aswan 07h00m Dir.	Aswan Kms	Kareima 05h00m Dir.	Kareima Kms	Khartum 05h00m Dir.	Khartum Kms	Kassala 07h00m Dir.	Kassala Kms	Malakal 06h00m Dir.	Malakal Kms	Geneina 06h00m Dir.	Geneina Kms	Ismailia R.A.F. 07h00m Dir.	Ismailia Kms	Salam 20th 13h00m Dir.	Salam Kms	Abugaze 20th 12h30m Dir.	Abugaze Kms
200	330	33	310	41	300	22	—	—	300	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	280	11	310	24	350	11
500	10	38	310	32	320	34	340	17	0	13	0	35	350	5	330	26	230	27	220	31	230	10	—	—	290	21	340	27	320	15
1000	0	31	Ent Cu		330	26	330	29	340	27	330	57	100	10	330	31	280	8	260	39	200	6	—	—	280	27	330	28	330	25
1500	350	35			340	23			330	6	320	33	340	13	310	27	340	31	230	37	230	19	50	5					350	20
2000					310	19			250	12			20	10	230	14	330	21	270	19	300	19	0	32						
3000									320	13					240	19	230	8	0	11			260	47						
4000									240	18					230	43														
5000									270	33																				
6000																														

Forecast for 24 hours from noon

Station	Mean of day Humidity 20th	Diff. from Normal	Wet bulb temp. 20th	Diff. from Normal
Alexandria	83	+11	22.7	+2.0
Ezbekiya	59	+4	22.6	+1.0
Giza	62	+7	22.0	+1.3
Helwan	55	+14	20.7	+2.6

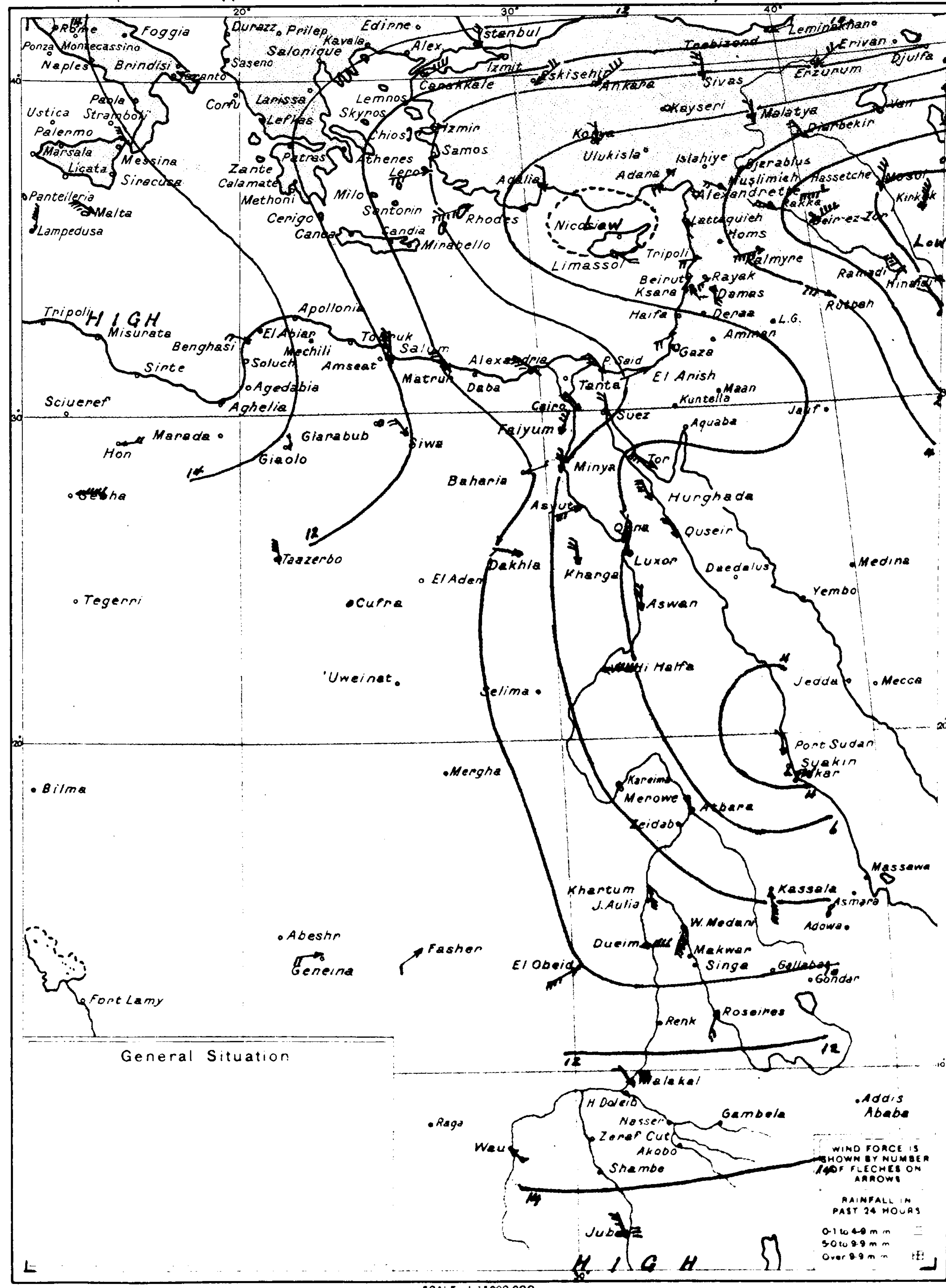
Giza minimum 21st 17.7 °C

Discharges at Aswan:

Date	1937	1936
21.6	1330	1454
20.6	1295	1446

Gauge	Date 1937	Reading m	Diff. from Normal m	Previous day Reading m	Previous day Diff. from Normal m
Juba	20.6	13.45	-0.05	13.44	-0.09
Nasser	20.6	7.98	-0.14	7.97	-0.11
Malaka	21.6	11.02	+0.12	10.98	+0.10
Roseires	21.6	13.30	-0.07	13.30	-0.06
Sennar Res	20.6	7.22	—	7.29	—
Khartum	20.6	11.06	0.00	10.91	-0.12
Khashm el Girba	20.6	10.50	-0.68	10.48	-0.60
Atbara	20.6	10.26	-0.14	10.24	-0.13
Kajnarti	20.6	132.21	-0.11	132.14	-0.15
Wadi Halfa	21.6	1.73	+0.14	1.71	+0.14
Aswan Res	21.6	107.38	—	107.70	—
D S	21.6	86.36	-0.03	86.30	-0.07
El Leis	21.6	17.70	+0.59	17.70	+0.55
Roda (Cairo)	21.6	15.75	+0.21	15.75	+0.21

Pressure and Wind at 8h. 21.6.1937 ١٩٣٧-٦-٢١



General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY — Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

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

Remarks

At 8h. on 20.6.1937 — الساعة ٨ يوم ٢٠-٦-١٩٣٧

Station	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from Normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.	مرصد
Limassol	1005	-5	E	3	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1005.3	-3.0	SSE	1	27.8	30	0	24	+3	77	+10	0	—	—	—	0	365	646	حيفا
Gaza	1007.8	-1.0	—	0	27.2	32	+3	23	+5	77	+8	0	9	—	0	0	395	376	غزة

ANNUAL SUBSCRIPTION	
Inland Post	P.T. 100
Abroad	P.T. 150

Printed by the Survey of Egypt 1936

CAIRO

Time of sunrise h. m. 04 55

sunset h. m. 18 59

Month *June* 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

• DAILY WEATHER REPORT

No.	STATION	At 14h. on 21st (الساعة ١٤ يوم ٢١) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Tuesday 22nd (الساعة ٨ يوم الثلاثاء ٢٢) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALÛM	1011.9	NNE	5	27.7	76	0	8	1012.7	+0.3	NW	3	23.6	32	—	18	—	81	—	1	7	Cu	1	0	105	—
131	MATRÛH	1010.6	NW	4	26.0	79	1	6	1010.8	-1.3	WNW	4	24.1	26	-2	21	+2	84	+8	1	6	Cu	1	0	182	158
150	DIKHEILA														—		—		—							—
132	ALEXANDRIA	1009.0	NW	4	26.9	70	0	8	1010.4	-1.2	W	4	24.9	28	-1	23	+2	83	+10	3	7	Cu	2	0	167	190
189	DAMIETTA								1008.4	—	NNW	2	28.0	32	—	20	—	61	—	0	8	—	1	0	75	116
134	PORT SAÎD	1008.2	NW	3	29.5	64	0	8	1009.4	-0.9	SW	4	26.2	30	0	23	+1	72	+3	0	8	—	0	0	38	82
135	EL 'ARÎSH	1006.8	NNW	3	28.0	71	0	7	1008.8	—	WSW	1	27.0	28	—	22	—	68	—	0	7	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1010.2	-1.1	W	3	27.3	31	-2	19	+1	66	+4	0	8	—	0	0	78	110
137	MANSÛRA								1009.1	—	NW	1	26.3	34	-1	19	0	64	-4	0	8	—	0	0	45	57
138	TANTA	1007.5	N	3	32.2	49	0	7	1010.0	-1.7	WNW	2	26.0	33	-2	17	-2	76	+12	0	7	—	0	0	54	48
139	ZAGÂZIG	1007.5	NNW	2	33.8	39	0	8	1010.3	—	NNW	1	26.9	34	0	20	+2	69	+1	0	8	—	0	0	20	28
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1007.8	NNW	3	34.1	23	0	7	1010.6	—	NNW	2	24.8	35	—	19	—	69	—	0	7	St	2	0	—	—
	CAIRO EZBEKÎYA	1006.8	NNW	3	34.4	30	0	9	1010.0	-0.9	NW	1	26.7	36	+1	22	+2	66	-2	0	6	—	0	0	18	34
	CAIRO GÎZA	1006.2	NNW	2	34.8	27	0	7	1009.4	-2.1	NNW	1	24.5	36	+1	21	+3	76	+9	0	6	—	0	0	16	31
143	HELWAN	1006.8	NW	4	32.7	23	0	6	1010.3	-1.1	NW	1	23.4	34	-1	21	+1	78	+21	0	4	—	0	0	17	35
144	SUEZ								1009.8	-0.5	NNW	1	26.0	37	+2	22	0	85	+14	0	6	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYUM	1007.6	NNW	4	34.8	21	0	8	1010.6	-0.8	N	4	24.7	36	0	20	0	69	+11	0	8	—	0	0	6	11
154	MINYA	1007.6	NNW	3	34.0	29	0	8	1010.0	-0.2	NNE	3	25.0	35	-2	21	+1	68	+8	0	9	—	1	0	16	—
155	ASYUT	1006.7	NW	3	34.4	20	0	8	1010.0	-0.2	NW	3	25.0	36	-1	20	-2	64	+19	0	7	—	0	0	dr.	5
156	QENA	1004.4	W	2	40.0	22	0	9	1007.2	-0.9	W	3	30.2	40	-1	25	+2	39	0	0	8	—	0	0	dr.	—
157	LUXOR	1004.4	—	0	39.8	37	0	8	1007.2	—	SSW	1	33.2	41	—	20	—	47	—	0	8	—	0	0	dr.	—
158	ASWÂN	1002.4	NNE	3	40.0	18	0	8	1007.8	-0.5	NNW	2	31.6	42	0	25	0	29	-2	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1010.0	WNW	1	36.0	30	0	6	1013.0	+1.2	—	0	26.3	38	+1	20	0	85	+30	0	6	—	0	0	29	7
149	BAHARÎYA	1008.4	NW	2	34.0	36	0	9	1012.2		ENE	1	26.3	35	—	20	—	55	—	0	9	—	0	0	26	—
151	KHÂRGA	1006.8	N	4	36.8	41	0	9	1009.8	+0.8	N	5	29.3	37	-3	25	+2	50	+9	0	9	—	0	0	0	0
152	DÂKHLA	1008.3	NNW	4	35.1	9	0	7	1011.5	+1.2	NNE	2	28.0	37	-3	22	-1	27	-5	0	8	—	0	0	dr.	—
	RED SEA																									
145	TÔR								1007.1	-0.4	NW	5	27.0	31	-3	25	+2	66	-7	0	6	—	0	0	14	14
146	HURGHÂDA								—	—	NNW	4	29.6	33	-1	25	+1	58	+9	0	5	—	0	0	dr.	0
147	QUSEIR	1004.7	NNE	2	31.8	60	0	6	1006.3	-1.5	NNW	3	30.9	33	-1	27	+1	57	+10	0	6	—	0	0	1	7
169	PORT SUDAN								1005.0	-0.9	SW	4	38.6	—	—	24	-2	21	-17	0	—	—	0	0	42	109
	NORTH SUDAN																									
165	WADI HALFA								1010.4	+1.9	NW	1	27.8	39	-2	21	-2	35	+14	1	8	Ci	0	—	—	—
166	KAREIMA								1008.4	+0.4	—	0	31.0	41	-2	22	-4	22	+3	0	8	—	0	0	1	4
167	'ATBARA								1008.2	+1.4	S	3	32.6	42	0	24	-2	17	-2	0	—	—	0	0	5	10
168	KHARTÛM								1009.4	+1.0	S	3	30.0	40	0	26	0	47	+7	6	8	—	0	0	33	14
170	KASSALA								1010.4	+0.6	S	4	27.0	37	-1	24	0	63	+13	4	8	As,Ac	1	0	41	47
	CENTRAL SUDAN																									
171	WAD MEDANI								1010.7	+1.6	S	4	29.2	38	-1	25	+2	54	+3	2	—	—	0	0	96	54
173	DUEIM								1010.4	+0.8	E	3	28.8	41	+2	26	+2	58	+8	0	—	—	0	0	47	39
	RENK																									
172	ROSEIRES								1012.0	+0.7	WSW	2	25.9	36	+2	23	+1	72	+4	3	—	—	2	0	140	192
174	EL OBEID								1010.5	-0.1	SW	3	29.0	38	+1	26	+4	34	-26	2	8	Cs,As,Ac	1	0	66	57
175	EL FÂSHER								—	—	SW	1	28.5	41	+3	25	+3	43	-7	0	—	—	0	0	0	28
	S. SUDAN																									
176	MALAKÂL								1013.3	+1.3	S	2	24.0	27	-5	22	+1	91	+13	4	8	Sc	2	0	235	313
177	WAU								1012.6	+1.6	SW	2	24.0	30	-3	22	+1	83	+4	1	—	—	1	0	461	498
178	JÛBA								1015.7	+3.2	E	3	22.0	28	-4	21	+1	91	+8	8	3	Sc	8	11	638	507
179	Geneina								—	—	NW	3	24.3	40	—	19	—	60	—	3	8	Ci	0	0	—	—
180	Gallabat																									

Upper Wind Observations on 22-6-37 ارصاد الرياح العليا يوم ٢٢-٦-٣٧

Height metres above M.S.L.	Salum 07h 00m Dir. E. of N	Kms per hour	Matruh 07h 00m Dir. E. of N	Kms per hour	Cairo 08h 15m Dir. E. of N	Kms per hour	Helwan 08h 30m Dir. E. of N	Kms per hour	Asyut 07h 00m Dir. E. of N	Kms per hour	Aswan 07h 00m Dir. E. of N	Kms per hour	Kareima 05h 00m Dir. E. of N	Kms per hour	Khartum 04h 00m Dir. E. of N	Kms per hour	Kassala 06h 00m Dir. E. of N	Kms per hour	Malakal 06h 00m Dir. E. of N	Kms per hour	Geneina 06h 00m Dir. E. of N	Kms per hour	Juba 06h 00m Dir. E. of N	Kms per hour	Ismailia 07h 00m Dir. E. of N	Kms per hour	Salum 13h 00m (21st) Dir. E. of N	Kms per hour	Almaza 21st 12h 30m Dir. E. of N	Kms per hour
200	330	18	300	42	350	6	320	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	220	14	20	27	290	30
500	—	—	320	30	350	27	0	16	0	33	0	40	20	31	190	40	190	37	190	21	—	—	290	13	310	34	—	—	300	34
1000	330	10	320	39	350	37	350	41	350	39	10	23	0	27	210	48	200	60	210	23	—	—	310	34	320	34	350	18	300	66
1500			310	39			340	40	350	39	300	11	320	14	320	16	210	42	250	6	230	24	350	37	330	53	350	19	310	22
2000			310	36			330	30	350	39			260	13	330	21	280	26	300	5	80	40	0	39	330	43	340	36	340	16
3000													220	40							70	53								
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on

تقرير الطقس المنتظر في ٢٤ ساعة من الظهر

STATION	Mean of day Humidity on 21st	Diff. from normal	Wet bulb temp. on 21st	Diff. from normal
Alexandria	82	+9	22.3	+1.5
Ezbekiya	60	+4	21.6	0.0
Giza	65	+10	21.6	+0.8
Helwan	55	+13	19.9	+1.7

Giza Grass minimum on 22nd 17.4 °C

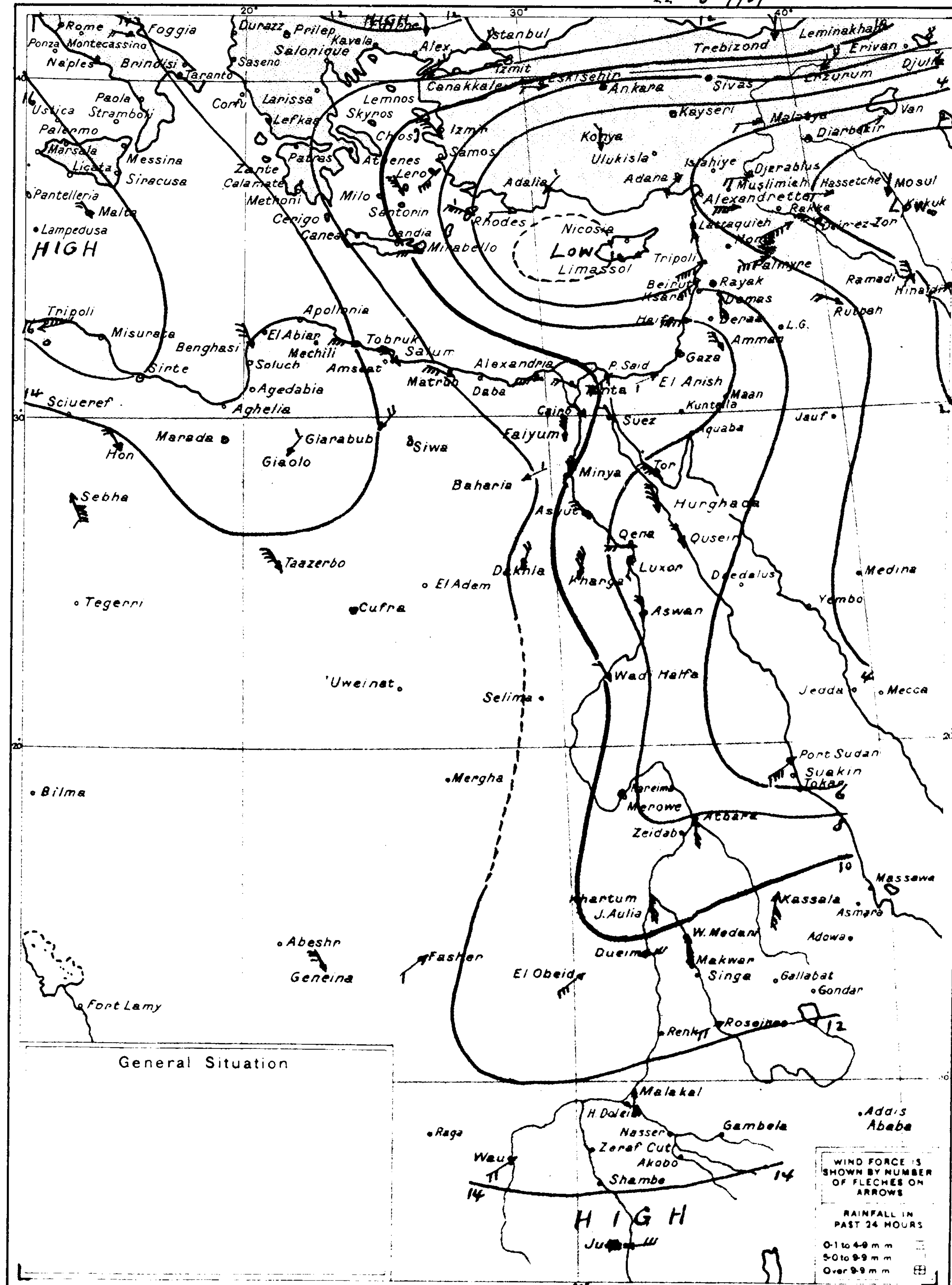
Discharges at Aswan measured by sluices m^3 per sec

DATE	1937	1936
22-6	1331	1456
21-6	1330	1454

GAUGE	Date 1937	Reading m	Diff. from Normal m	Previous day Reading m	Previous day Diff. from Normal m
Jûba	21-6	13.62	+0.12	13.45	-0.05
Nâsser	21-6	8.07	-0.10	7.98	-0.14
Malakâl	22-6	11.03	+0.11	11.02	+0.12
Roseires	22-6	13.44	-0.26	13.30	-0.09
Sennâr Res.	21-6	6.85	—	7.22	—
Khartûm	21-6	11.18	+0.06	11.06	0.00
Kh. el Girba	21-6	10.50	-0.71	10.50	-0.68
'Atbara	21-6	10.28	-0.15	10.26	-0.14
Kajnarti	22-6	132.36	-0.02	132.29	-0.06
Wâdi Halfa	22-6	1.79	+0.18	1.73	+0.14
Aswân Res.	22-6	107.10	—	107.38	—
" D. S.	22-6	86.36	-0.05	86.36	-0.03
El Leisi	22-6	17.70	+0.52	17.70	+0.54
Rôda (Cairo)	22-6	15.77	+0.23	15.75	+0.21

Printed by the Survey of Egypt, 1936. (36/830)

١٩٣٧-٦-٢٢ Pressure and Wind at 8h. 22-6-1937



WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

STATION	At 8h. on (الساعة ٨ يوم) Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1005	-5	SE	2	26	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1006.4	-1.8	NNW	1	28.7	30	0	24	+3	53	-11	0	—	—	—	0	365	646	حيفا
Gaza	1007.4	-1.2	—	0	26.3	33	+4	21	+2	73	+3	3	5	—	1	0	395	376	غزة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise h. 04 m. 55
sunset h. 18 m. 59

Month June 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 22nd — الساعة ١٤ يوم ٢٢ — At 8h. on Wednesday 23rd — الساعة ٨ يوم الاربعاء ٢٣

No.	Region	Station	14h Bar. Pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.
130	MEDITERRANEAN	SALÛM	1012.0	WNW	3	29.5	43	0	8	1011.5	-0.7	NNW	2	23.1	31	—	20	—	79	—	1	6	Cu	0	0	105	—
131		MATRÛH	1010.8	NW	5	25.0	79	0	6	1009.6	-2.5	WNW	4	23.9	26	-2	23	+4	86	+10	2	6	Cu	1	0	182	158
150		DIKHEILA	1010.5	W	4	26.8	84	0	—	1009.1	—	W	5	25.0	28	—	22	—	84	—	0	7	—	1	0	—	—
132		ALEXANDRIA	1010.2	W	5	27.6	75	1	7	1011.2	-0.3	W	5	24.1	29	0	22	+1	83	+10	0	8	—	0	0	167	190
159		DAMIETTA								1007.6	—	SW	2	26.2	32	—	20	—	75	—	3	8	Cu	1	0	75	116
134		PORT SAÏD	1009.0	NW	5	30.2	56	0	8	1008.0	-2.2	NW	4	24.6	31	+1	22	0	80	+11	0	8	—	0	0	38	82
135		EL 'ARÎSH	1008.0	NNW	2	28.0	71	0	7	1007.1	—	WSW	2	26.6	29	—	21	—	60	—	0	7	—	0	0	—	—
136	LOWER EGYPT	DAMANHÛR								1009.0	-2.2	W	4	27.2	33	0	19	+1	61	-1	0	7	—	0	0	78	110
137		MANSÛRA								1007.9	—	NW	2	26.0	34	-1	19	0	68	0	0	8	Ci	1	0	45	57
138		TANTA	1008.7	NNW	6	33.0	41	0	7	1008.3	-3.3	WSW	3	25.5	34	-1	18	-1	76	+12	0	7	—	0	0	54	48
139		ZAGÂZÎG	1008.7	NW	3	33.2	36	0	8	1008.4	—	NW	2	25.8	34	0	19	+1	71	+2	0	8	—	0	0	20	28
140	MIDDLE EGYPT	CAIRO ALMÂZA	1009.4	WNW	4	34.2	26	0	7	1009.9	—	W	3	24.3	35	—	19	—	72	—	1	7	Sc	2	0	—	—
		CAIRO EZBEKÎYA	1008.3	NNW	3	35.0	32	0	9	1008.7	-2.1	NW	1	26.1	36	+1	21	+1	67	-2	0	6	—	0	0	18	34
		CAIRO GÎZA	1007.4	NNW	2	35.2	29	0	7	1008.3	-3.2	NNW	2	24.8	36	+1	18	0	70	+3	0	6	—	1	0	16	31
143		HELWÂN	1008.2	WNW	4	33.2	25	0	8	1009.3	-2.1	NNW	2	22.7	35	0	20	0	76	+18	6	5	—	0	0	17	35
144		SUEZ								1009.1	-1.1	N	2	26.0	36	+1	22	0	80	+9	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM								1009.5	-1.8	NNW	1	25.7	37	0	19	-1	61	+2	0	8	—	0	0	6	11
154		MINYA	1009.0	NNW	4	34.5	31	0	8	1008.6	-1.6	N	2	26.7	35	-2	20	0	46	-14	0	9	—	0	0	16	—
155		ASYUT	1007.9	NNW	4	34.8	16	0	8	1008.6	-1.5	WSW	1	28.0	36	-1	21	-1	39	-6	0	8	—	0	0	tr	5
156		QENA								1007.6	-0.5	WNW	1	30.2	40	-1	25	+2	39	0	0	8	—	0	0	tr	—
157		LUXOR	1005.8	NW	3	38.1	40	0	8	1007.4	—	NNW	1	33.7	40	—	22	—	44	—	0	8	—	0	0	tr	—
158		ASWÂN	1004.4	—	0	40.4	23	0	8	1006.7	-1.5	NNE	4	32.0	42	0	26	+1	30	-1	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1011.5	NW	1	36.3	40	0	6	1011.4	-0.3	—	0	24.1	38	+1	20	0	85	+30	0	6	—	0	0	29	7
149		BAHARÎYA	1009.9	NW	2	34.8	34	0	9	1010.6		NNW	1	24.7	37	—	18	—	64	—	0	7	—	0	0	26	—
151		KHÂRGA	1008.2	N	4	37.1	36	0	9	1007.0	0.0	E	1	28.2	38	-2	21	-2	54	+13	0	7	—	0	0	0	0
152		DÂKHLA	1009.8	NNW	3	35.5	12	0	8	1010.0	-0.2	—	0	29.0	38	-2	21	-2	34	+2	0	9	—	0	0	tr	—
145	RED SEA	TÔR								1007.4	0.0	NW	4	26.0	33	-1	24	+1	73	0	0	6	—	0	0	14	14
146		HURGHÂDA								1007.5	-0.6	NNW	3	27.0	33	-1	24	9	57	+7	0	6	—	0	0	tr	0
147		QUSEIR	1005.9	NNE	2	31.4	61	0	6	1006.7	-1.0	NNW	2	31.0	33	-1	26	0	50	+3	0	6	—	0	0	1	7
169		PORT SUDAN								1004.7	-1.1	SE	1	35.6	—	—	25	-1	38	0	0	—	—	0	0	42	107
165	NORTH SUDAN	WÂDI HALFA								1010.0	+1.6	NNE	2	28.4	37	-4	22	-1	29	+8	0	8	—	0	—	—	—
166		KAREIMA								1007.6	-0.4	—	0	31.7	41	-2	23	-3	19	0	0	8	—	0	0	1	4
167		'ATBARA								1007.4	+0.6	SSE	2	34.0	42	0	25	-1	13	-7	0	—	—	0	0	5	10
168		KHARTÛM								1008.3	-0.1	SW	4	31.0	40	0	26	0	48	+7	0	7	—	0	0	33	14
170		KASSALA								1009.1	-0.8	S	4	28.7	37	-1	25	+1	58	+8	2	8	Ac,As	0	0	41	48
171	CENTRAL SUDAN	WAD MEDANI								1009.5	+0.4	SSW	3	30.0	38	-1	26	+3	49	-2	0	—	—	0	0	96	56
173		DUEIM																									
		RENK																									
172		ROSEIRES								1010.0	-1.4	SSW	2	27.3	34	0	24	+2	62	-6	3	—	—	1	0	140	196
174		EL OBEID								1010.3	-0.4	S	5	28.2	39	+2	24	+2	39	-22	0	8	—	1	0	66	58
175		EL FÂSHER								—	—	SW	3	26.0	41	+3	24	+2	66	+15	2	—	—	0	0	0	28
176	S. SUDAN	MALAKÂL								1011.4	-0.6	S	2	25.1	31	-1	23	+2	84	+6	4	8	Sc	2	1	236	318
177		WAU								1010.8	-2.8	SW	3	26.4	34	+1	23	+2	70	-7	2	—	—	1	0	461	583
178		JÛBA								1014.0	+1.4	ESE	4	23.8	31	-1	21	+1	83	0	4	6	Sc	2	11	649	512
179		Geneina								—	—	SE	1	24.6	39	—	20	—	40	—	1	7	Ci	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 23rd — ارصاد الرياح العليا يوم ٢٣

Height metres above M.S.L.	Salum 07 h 00 m Dir E of N	Salum Kms per hour	Matruh 07 h 00 m Dir	Matruh Kms	Dikheila 07 h 15 m Dir	Dikheila Kms	Cairo 07 h 00 m Dir	Cairo Kms	Helwan 07 h 45 m Dir	Helwan Kms	Asyut 07 h 00 m Dir	Asyut Kms	Aswan 07 h 00 m Dir	Aswan Kms	Kareima 05 h 00 m Dir	Kareima Kms	Khartum 06 h 00 m Dir	Khartum Kms	Kassala 07 h 00 m Dir	Kassala Kms	Malakal 06 h 00 m Dir	Malakal Kms	Geneina 06 h 00 m Dir	Geneina Kms	Juba 06 h 00 m Dir	Juba Kms	Salum 22nd 19 h 00 m Dir	Salum 22nd Kms	Almaza 22nd 18 h 00 m Dir	Almaza 22nd Kms
200	340	17	300	22	280	30	310	18	320	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	20	310	16
500	0	20	Ext Cu		310	42	340	11	330	17	30	20	0	46	10	45	210	32	200	43	210	26	—	—	260	14	—	—	310	11
1000	0	16			340	49	330	24	310	18	340	15	10	37	350	37	230	55	210	60	170	24	—	—	280	21	290	34	320	30
1500	10	17			330	43	330	23	320	24			350	31	340	29	290	27	230	44	240	19	260	31	10	11	290	14	320	33
2000	0	11			330	30			320	31					300	14	330	26	260	29	250	6	200	11	350	44			330	32
3000																	280	19					[illegible]	18	0	23				
4000																	240	34							340	11				
5000																	230	50							60	8				
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day Humidity on 22nd	Diff from normal	Wet bulb temp. on 22nd	Diff from normal
Alexandria	83	+10	23.2	+2.4
Ezbekiya	58	+2	22.3	+0.7
Giza	55	0	21.0	+0.2
Helwan	50	+8	19.6	+1.4

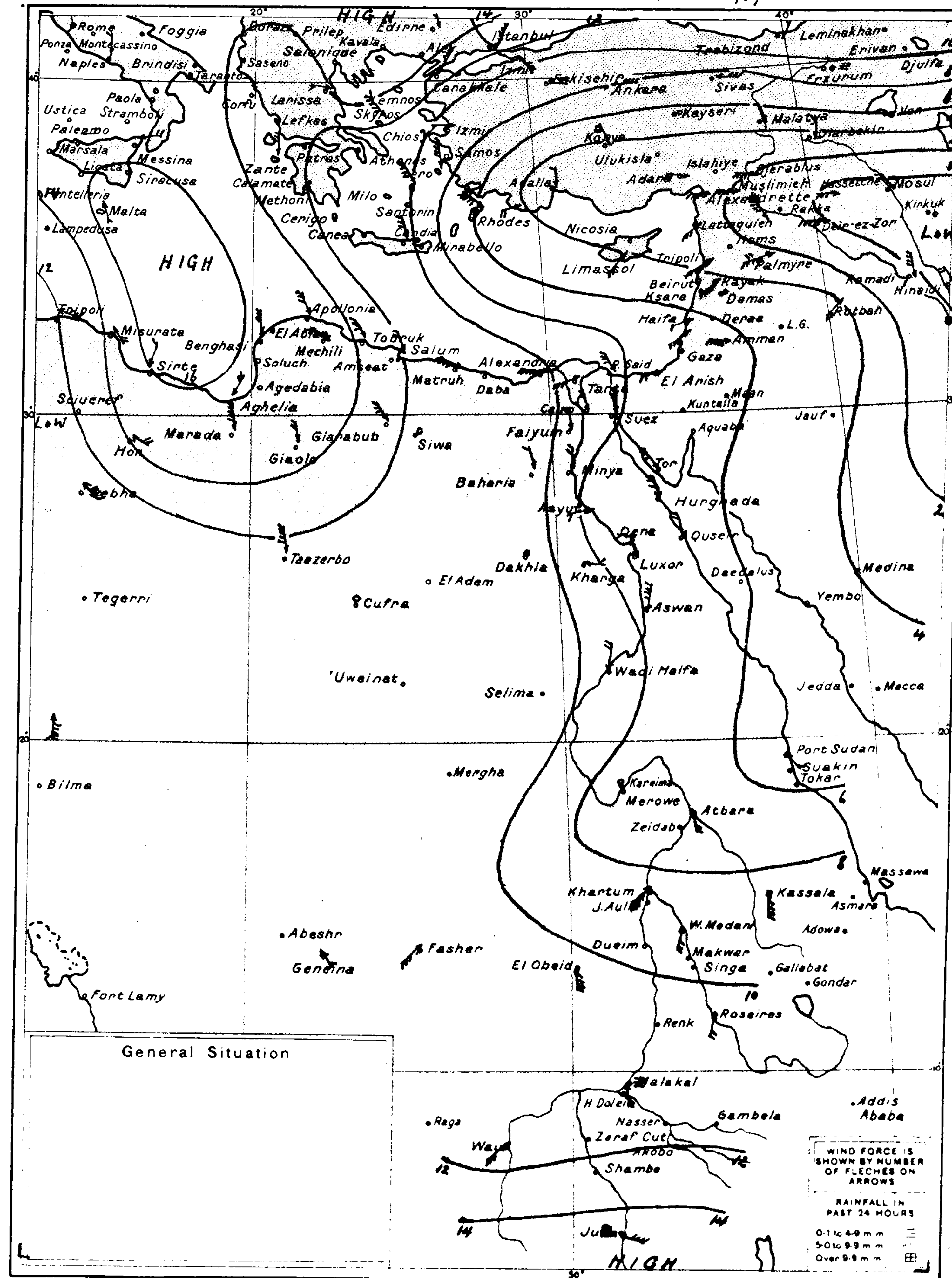
Giza Grass minimum on 23rd 14.5 °C

Discharges at Aswan measured by sluices m^3 per sec

Date	1937	1936
23.6	1332	1473
22.6	1331	1456

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	22.6	12.63	+0.12	12.63	+0.12
Nâsser	22.6	8.08	-0.14	8.07	-0.10
Malakâl	23.6	11.04	+0.09	11.03	+0.11
Roseireș	23.6	13.55	+0.12	13.14	-0.26
Sennâr Res.	22.6	6.70	—	6.85	—
Khartûm	23.6	11.18	0.00	11.22	+0.07
Kh. el Girba	22.6	10.64	-0.80	10.50	-0.71
'Atbara	23.6	10.34	-0.65	10.32	-0.14
Kajnarti	22.6	132.36	-0.02	132.39	-0.06
Wâdi Halfa	23.6	4.82	+0.19	4.79	+0.18
Aswân Res.	23.6	106.78	—	107.10	—
" D. S.	22.6	86.38	-0.04	86.36	-0.05
El Leisi	23.6	17.72	+0.53	17.70	+0.52
Rôda (Cairo)	23.6	15.79	+0.24	15.77	+0.23

Pressure and Wind at 8h. 23.6.1937 — ١٩٣٧-٦-٢٣



General Situation

At 8h. on 22-6-1937 — الساعة ٨ يوم ٢٢-٦-١٩٣٧

Station	Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.	
Limassol	1005	-6	E	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.2	+0.1	SSE	2	28.2	31	+1	22	+1	72	+4	0	—	—	—	0	365	646	حيفا
Gaza	1008.4	-0.1	—	0	26.1	36	+7	21	+2	74	+4	3	4	—	1	0	395	376	غزة

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

El Roseires River Gauge Reading for 21.5.37 published on 21 & 22-5-37 should read 12.15 instead of 12.25 M.

ملاحظات

ANNUAL SUBSCRIPTION

Inland Post	P.T. 100
Abroad	P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO

Time of sunrise h. 04 m. 55
sunset h. 18 m. 59

Month *June* 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	Region	Station	At 14 h. on 23rd: Bar. Pressure reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temp. °C	Humidity %	Present Weather	Visibility	At 8 h. on Thursday 24th: Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1011.8	NNE	5	25.0	78	0	8	1010.7	-1.4	NW	5	23.4	28	—	20	—	73	—	0	7	Cu	0	0	105	—
131		MATRÛH	1010.0	WNW	4	25.8	82	0	6	1008.3	-3.7	NW	5	24.2	26	-2	21	+1	79	+3	0	6	—	0	0	182	158
150		DIKHEILA	1009.1	NW	5	26.8	78	0	—	1007.6	—	WNW	5	25	27	—	22	—	—	—	2	7	Cu	2	0	—	—
132		ALEXANDRIA	1009.0	WNW	5	27.5	60	0	8	1007.6	-3.8	WNW	4	24.5	29	0	23	+2	73	0	0	9	—	0	0	167	190
157		DAMIETTA								1007.1	—	SW	3	25.5	31	—	20	—	75	—	3	8	Cu	1	0	75	116
134		PORT SAÎD	1007.6	NW	5	29.1	58	0	7	1007.6	-2.5	SW	5	24.8	30	0	22	0	74	+5	1	7	Ci	1	0	38	82
135		EL 'ARISH	1006.4	NNW	3	28.0	71	0	7	1007.0	—	WSW	2	26.2	28	—	21	—	69	—	0	7	Cu	0	0	—	—
136	Lower Egypt	DAMANHÛR								1007.6	-3.5	WSW	2	27.0	31	-2	20	+2	64	+2	1	7	Cu	0	0	78	110
137		MANSÛRA								1006.8	—	W	1	25.5	33	-2	19	0	69	+1	1	7	Cs	1	0	45	57
138		TANTA	1007.8	NW	6	32.0	43	0	7	1007.5	-4.0	WNW	5	25.0	32	-3	18	-1	76	+12	3	6	Cu	2	0	54	48
139		ZAGÂZIG	1007.2	NNW	1	32.6	37	0	8	1007.8	—	SW	1	25.0	33	-1	18	0	74	+5	1	8	Cs	0	0	20	28
141	Middle Egypt, Cairo	ALMÂZA	1007.9	W	4	33.2	32	3	6	1008.4	—	W	3	25.2	34	—	18	—	61	—	0	7	—	0	0	—	—
		EZBEKÎYA	1007.0	WNW	3	33.3	31	2	8	1007.8	-2.9	WSW	1	26.9	34	-1	20	0	57	-12	0	6	—	0	0	18	34
		GÎZA	1006.3	NNW	1	35.0	28	2	7	1007.5	-3.9	WNW	1	25.0	35	0	16	-2	62	-6	0	6	—	0	0	16	31
143	Middle Egypt	HELWAN	1007.1	NW	6	32.0	29	0	7	1008.2	-3.1	—	0	23.9	34	-1	19	-1	61	+3	0	5	—	0	0	17	35
144		SUEZ								1008.2	-1.8	—	0	26.0	35	0	21	-1	82	+11	0	6	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1008.0	NNW	3	30.0	36	0	8	1008.6	-2.7	NNW	2	26.6	35	-2	20	0	50	-9	0	7	—	0	0	6	11
154		MINYA	1007.9	NNW	3	34.0	27	0	8	1007.9	-2.2	NNW	2	26.2	34	-3	20	0	51	-10	0	9	—	0	0	16	—
155		ASYUT	1007.2	WSW	4	35.0	19	0	8	1008.0	-2.0	WNW	3	28.0	36	-1	22	0	40	-5	0	7	—	0	0	dr.	5
156		QENA	1005.3	W	1	39.5	22	0	9	1007.1	-0.9	NW	1	28.7	40	-1	22	-1	42	+3	0	7	—	0	0	dr.	—
157		LUXOR	1005.5	NNW	4	38.1	40	0	8	1006.6	—	NE	1	32.2	39	—	19	—	44	—	0	8	—	0	0	dr.	—
158		ASWAN	1004.0	NNE	3	38.6	22	0	8	1006.4	-1.8	—	0	30.0	40	-2	25	0	30	-1	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1010.2	NNW	1	33.0	27	0	6	1011.1	-0.6	NNE	2	24.1	35	-2	20	0	76	+20	0	6	—	0	0	29	7
147		BAHARÎYA	1008.6	NNW	2	33.4	19	0	7	1009.5	—	NNE	1	27.0	35	—	19	—	47	—	0	9	—	0	0	26	—
151		KHÂRGA	1006.3	N	4	39.4	31	0	9	1007.6	-1.3	N	2	29.6	40	0	23	0	44	+2	0	9	—	0	0	0	0
152		DÂKHLA	1007.5	NNE	3	37.0	12	0	7	1008.8	-1.4	WNW	1	28.0	39	-1	21	-2	33	+1	0	9	—	0	0	dr.	—
145	Red Sea	TÔR								1007.9	+0.6	NW	6	26.0	36	+2	24	0	73	-1	0	6	—	0	0	14	14
146		HURGHÂDA								1006.8	-1.2	NNW	3	30.1	35	+1	23	-1	43	-7	0	6	—	0	0	dr.	0
147		QUSEIR	1005.6	NE	3	30.4	63	0	6	1006.2	-1.4	N	2	30.1	34	0	26	0	45	-2	0	6	—	0	0	1	7
169		PORT SUDAN								1004.4	-1.3	SE	1	33.6	—	—	26	0	35	-3	0	—	—	0	0	42	109
165	North Sudan	WÂDI HALFA								1008.0	-0.4	NE	1	27.8	38	-3	21	-2	34	+13	0	8	—	0	—	—	—
166		KAREIMA								1006.3	-1.7	—	0	30.5	40	-3	22	-4	15	-5	0	8	—	0	0	1	4
167		'ATBARA								1006.0	-0.8	SSW	2	33.0	41	-1	24	-2	19	-1	0	—	—	0	0	5	10
168		KHARTÛM								1007.0	-1.4	S	3	30.0	41	+1	25	-1	47	+6	0	7	—	0	0	33	14
170		KASSALA								1007.4	-2.5	S	3	27.0	37	-1	23	-1	63	+12	3	8	Ac,As	1	0	41	49
171	Central Sudan	WAD MEDANI								1007.0	-2.2	S	4	30.0	40	+1	24	+1	51	-1	2	—	—	0	0	96	57
173		DUEIM								1007.9	-1.8	E	4	28.6	41	+2	25	+1	57	+5	0	—	—	0	0	47	41
188		RENK																									
172		ROSEIRES								1011.8	+0.4	WSW	2	20.4	37	+3	19	-2	94	+25	5	—	—	6	55	195	200
174		EL OBEID								1009.9	-0.9	SSW	4	27.3	39	+2	24	+2	63	+2	1	8	As	0	0	66	59
175		EL FÂSHER								—	—	SW	1	25.0	36	-2	19	-3	64	+13	0	—	—	0	0	0	29
176	S. Sudan	MALAKÂL								1009.8	-2.3	S	2	23.0	33	+1	22	+1	91	+12	4	8	Cb,Sc	2	30	266	323
177		WAU								1010.6	-0.4	SW	2	22.4	34	+1	21	0	92	+12	3	—	—	0	17	478	509
178		JUBA								1012.7	+0.1	NW	3	22.8	32	-1	21	0	91	+11	4	7	Cb,Sc	2	0	649	516
179		Geneina								—	—	SE	2	23.3	40	—	20	—	31	—	0	8	—	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 24th

ارصاد الرياح العليا يوم ٢٤

Height metres above M.S.L.	Salum 07h 00m Dir. E of N	Kms per hour	Matruh 07h 00m Dir.	Kms	Dikheila 08h 30m Dir.	Kms	Cairo 08h 15m Dir.	Kms	Helwan 08h 30m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Aswan 07h 00m Dir.	Kms	Wadi Halfa 07h 00m Dir.	Kms	Khartum 04h 00m Dir.	Kms	Kassala 06h 00m Dir.	Kms	El Obeid 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Juba 05h 00m Dir.	Kms	Salum 23rd 13h 00m Dir.	Kms	Almaza 23rd 12h 00m Dir.	Kms
200	320	28	310	48	300	24	270	14	290	7	—	—	—	—	40	21	—	—	—	—	—	—	—	—	—	—	20	32	310	4
500	—	—	320	39	300	24	280	13	300	10	30	20	0	28	40	32	330	50	180	40	—	—	240	5	30	45	—	—	340	8
1000	350	52	340	30	290	34	310	24	310	18	330	27	350	27	20	23	330	27	220	39	240	40	310	3	30	45	300	19	330	19
1500			340	42	310	29			280	38	330	24	320	26	10	16	0	6	260	34	310	24	160	13	80	8	320	7	300	15
2000			0	33					300	62					350	18	350	34	280	34	0	31	300	8	40	18			300	25
3000															350	18	40	5	350	18	10	11			60	14			300	33
4000																					80									
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة مرطبة

Station	Mean of day Humidity % on 23rd	Diff. from normal	Wet bulb temp. °C on 23rd	Diff. from normal
Alexandria	83	+10	22.1	+1.2
Ezbekiya	56	0	21.2	-0.5
Giza	60	+4	21.0	+0.2
Helwan	53	+11	19.5	+1.2

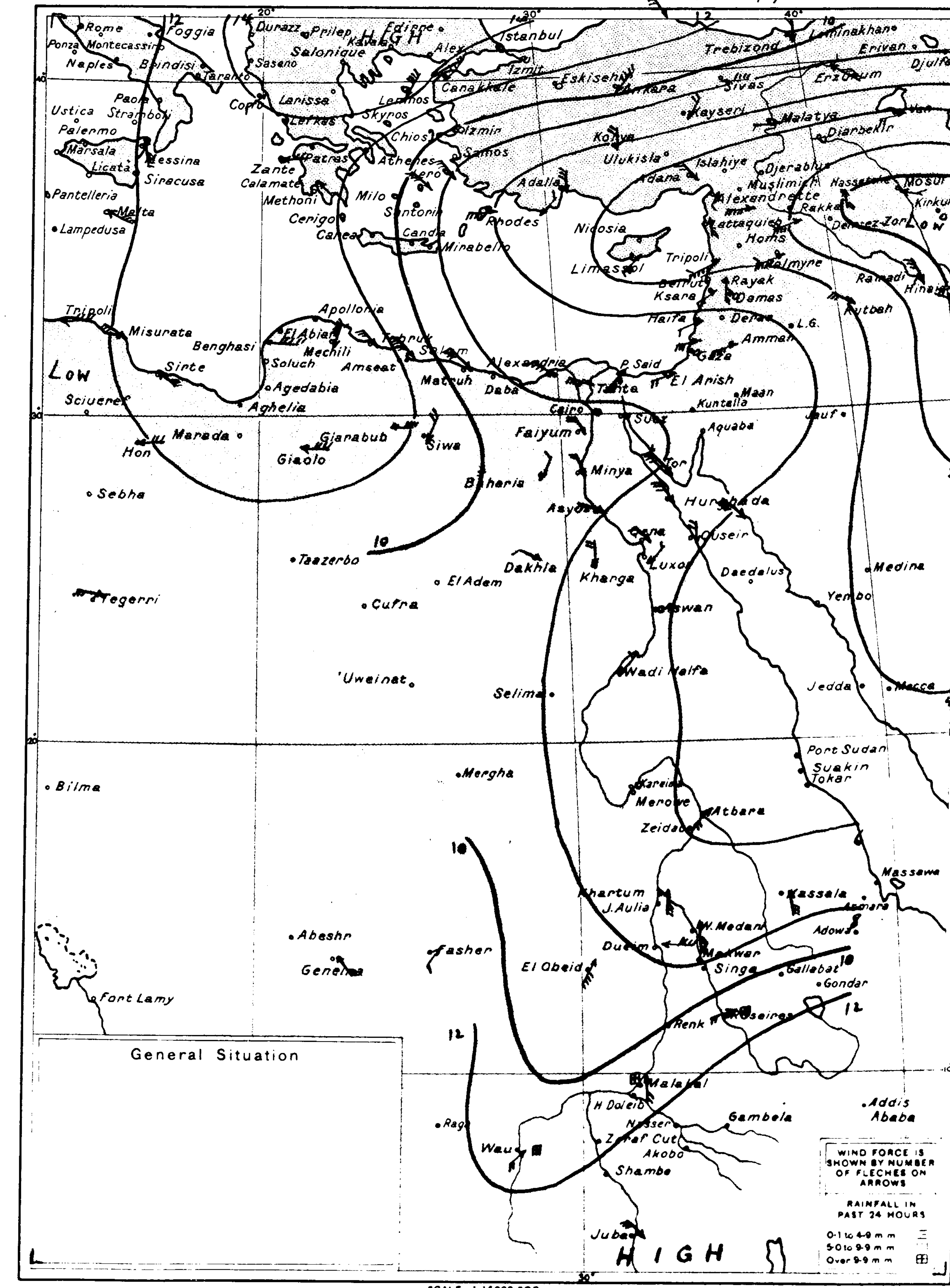
Giza Grass minimum on 24th 12.8 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
24-6	1342	1468
23-6	1332	1473

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Jûba	23-6	13.55	+0.05	13.62	+0.12
Nâsser	22-6	8.08	-0.14	8.07	-0.10
Malakâl	23-6	11.04	+0.09	11.03	+0.11
Roseires	24-6	14.02	+0.55	13.55	+0.12
Sennâr Res.	23-6	6.73	—	6.70	—
Khartûm	23-6	11.18	0.00	11.22	+0.07
Kh. el Girba	23-6	10.40	-0.87	10.44	-0.80
'Atbara	23-6	10.34	+0.15	10.32	-0.14
Kajnarti	23-6	132.41	0.00	132.36	-0.02
Wâdi Halfa	23-6	1.82	+0.19	1.79	+0.18
Aswân Res.	24-6	106.46	—	106.78	—
D. S.	24-6	86.38	-0.05	86.38	-0.04
El Leisi	24-6	17.72	+0.52	17.72	+0.53
Rôda (Cairo)	24-6	15.79	+0.24	15.79	+0.24

Pressure and Wind at 8 h. 24-6-1937 ١٩٣٧-٦-٢٤



General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8 h. on 23-6-1937 الساعة ٨ يوم ٢٣-٦-١٩٣٧

Station	Bar. Pressure reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1004	-6	SW	2	26	—	—	—	—	—	—	6	—	—	—	—	—	—	ليماسول
Haifa	1007.0	-1.0	WSW	1	28.3	30	0	24	+3	88	+20	0	—	—	—	0	365	646	حيفا
Gaza	1007.9	-0.4	SSE	1	25.8	33	+4	20	+1	70	0	2	6	—	1	0	395	376	غزة

Ship 53272 - 36306 - 28400 - 06879 سفينة

ANNUAL SUBSCRIPTION

Inland Post	P.T. 100
Abroad	P.T. 150

Printed by the Survey of Egypt 1936. (36/530)

CAIRO
Time of sunrise 04 h. 55 m.
sunset 18 h. 59 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ١٩٣٧-٦-٢٥

Month June 1937 ١٩٣٧ شهر يونية

No.	Region	STATION	At 14h. on 24th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Friday 25th: Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1011.1	NNE	5	26.0	53	0	8	1012.7	+0.7	NNW	2	24.0	29	—	18	—	63	—	0	7	—	0	0	105	—
131	Mediterranean	MATRÛH	1008.8	WNW	5	25.1	81	0	6	1010.8	-1.1	WNW	3	23.1	26	-2	18	-2	84	+8	0	6	—	0	0	182	158
156	Mediterranean	DIKHEILA	1007.9	WNW	6	26.4	82	2	—	1010.5	—	NW	3	24.3	28	—	22	—	83	—	3	7	Cu	1	0	—	—
132	Mediterranean	ALEXANDRIA	1007.2	WNW	6	27.2	73	2	8	1010.4	-0.9	NW	3	24.0	28	-1	22	+1	80	+7	2	9	Cu	2	0	167	190
159	Mediterranean	DAMIETTA								1009.0	—	NW	2	28.5	31	—	22	—	70	—	0	8		1	0	75	116
134	Mediterranean	PORT SAÏD	1007.1	SW	4	30.0	54	0	7	1009.8	-0.2	NW	2	26.6	30	0	23	+1	74	+5	1	7	Cs	1	0	38	82
135	Mediterranean	EL 'ARÎSH	1005.9	NNW	3	28.2	58	0	7	1008.7	—	WSW	1	28.1	30	—	21	—	64	—	1	7	Cu	1	0	—	—
136	Lower Egypt	DAMANHÛR								1009.9	-1.1	WNW	3	27.0	30	-3	20	+2	68	+6	0	7	Ci	1	0	78	110
137	Lower Egypt	MANSÛRA								1009.1	—	W	1	25.5	32	-3	21	+2	74	+5	0	7	Ci	1	0	45	57
138	Lower Egypt	TANTA	1006.4	NW	6	31.0	48	3	7	1010.0	-1.4	NW	2	24.0	32	-3	19	0	75	+10	2	7	Ci	0	0	54	48
139	Lower Egypt	ZAGÂZIG	1006.8	SW	3	31.6	40	1	8	1010.4	—	W	1	25.4	32	-2	20	+2	74	+5	0	8	Ci	1	0	20	28
141	Middle Egypt, Cairo	ALMÂZA	1007.2	W	4	31.4	37	3	8	1010.4	—	NW	2	24.1	32	—	19	—	76	—	2	7	Sc	2	0	—	—
	Middle Egypt, Cairo	EZBEKÎYA	1006.2	WNW	4	32.2	35	3	9	1010.0	-0.6	N	1	25.5	34	-1	22	+2	69	0	3	—	Cu	1	0	18	34
	Middle Egypt, Cairo	GÎZA	1005.5	NW	2	33.6	28	2	7	1009.5	-1.8	N	1	24.5	35	0	21	+3	72	+4	3	5	Sc	2	0	16	31
143	Middle Egypt	HELWÂN	1005.0	WNW	4	31.3	27	1	8	1010.3	-0.9	NNW	1	23.4	33	-2	21	+1	71	+12	0	6	Cu	0	0	17	35
144	Middle Egypt	SUEZ								1010.0	0.0	—	0	26.8	33	-2	23	+1	82	+10	0	6	Cs	1	0	13	26
153	Upper Egypt	FAIYÛM	1007.0	NW	3	33.5	26	1	7	1010.7	-0.5	N	2	25.6	34	-3	21	+1	63	+4	1	7	Cu	1	0	6	11
154	Upper Egypt	MINYA	1007.1	N	3	34.2	28	0	8	1011.0	+1.0	NNE	2	25.0	35	-2	20	0	63	+2	0	9	—	0	0	16	—
155	Upper Egypt	ASYÛT	1006.8	WSW	3	33.6	19	0	8	1010.2	+0.2	WSW	3	26.8	35	-2	21	-1	55	+10	0	7	—	0	0	dr	6
156	Upper Egypt	QENA	1005.1	NNW	2	37.2	22	0	8	1008.8	+0.9	WNW	1	28.8	38	-3	22	-1	41	+2	0	7	—	0	0	dr	—
157	Upper Egypt	LUXOR	1004.8	NNW	2	37.2	43	0	8	1008.0	—	NNW	1	31.2	38	—	20	—	53	—	0	8	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1003.8	NNW	3	38.0	23	0	8	1008.0	-0.1	NNW	2	30.2	39	-3	24	-1	35	+4	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1008.7	NNW	2	33.8	31	0	6	1012.0	+0.4	—	0	22.9	36	-1	17	-3	86	+30	0	6	—	0	0	29	7
149	Western Desert	BAHARIYA	1007.8	N	2	32.9	26	0	9	1011.5		N	2	24.1	34	—	19	—	67	—	0	9	—	0	0	26	—
151	Western Desert	KHARGA	1006.3	NE	3	36.8	33	0	9	1009.6	+0.8	NE	1	30.1	37	-3	21	-2	54	+12	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1007.6	NNE	1	35.0	14	0	8	1010.7	+0.6	WNW	1-	27.7	36	-4	21	-2	31	-1	0	9	—	0	0	dr	—
145	Red Sea	TOR								1008.2	+1.0	NW	5	26.0	35	+1	25	+1	80	+6	0	6	—	0	0	14	14
146	Red Sea	HURGHADA								1008.8	+0.9	NNW	4	28.4	34	0	22	-2	51	+1	0	5	—	0	0	dr	0
147	Red Sea	QUSEIR	1005.9	N	3	30.8	56	0	6	1007.4	-0.1	NNW	1	32.4	33	-1	24	-2	37	-10	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN								1006.0	+0.4	NE	2	33.3	43	+3	23	-3	43	+5	0	—	—	0	0	42	109
165	North Sudan	WADI HALFA								1009.3	+1.0	N	3	29.1	39	-2	21	-2	31	+10	3	8	Ci	1	—	—	—
166	North Sudan	KAREIMA								1007.2	-0.8	—	0	31.0	41	-2	23	-3	17	-3	0	7	—	0	0	1	4
167	North Sudan	'ATBARA								1006.4	-0.4	S	2	34.0	41	-1	27	+1	13	-7	0	—	—	0	0	5	10
168	North Sudan	KHARTUM								1006.7	-1.8	S	3	32.0	40	0	28	+2	—	—	1	8	Sc	1	0	33	14
170	North Sudan	KASSALA								1006.6	-3.4	SSE	2	28.5	36	-2	26	+2	58	+6	2	8	Ac	D	0	41	50
171	Central Sudan	WAD MEDANI								1007.8	-1.5	SSW	2	30.0	39	+1	26	+3	48	-5	3	—	—	0	0	96	58
173	Central Sudan	DUEIM								1007.5	-2.3	E	2	31.0	40	+1	27	+3	42	-10	0	—	—	0	0	47	42
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1008.8	-2.6	SW	2	25.6	34	-5	20	-1	76	+7	3	—	—	2	0	195	204
174	Central Sudan	EL OBEID								1008.5	-2.3	SSW	3	29.0	39	+2	27	+5	40	-22	3	8	Ac, Ac	1	0	66	60
175	Central Sudan	EL FASHER								—	—	W	1	25.0	39	+1	20	-2	25	-27	0	—	—	0	0	0	30
176	S. Sudan	MALAKÂL								1010.0	-2.1	S	3	25.9	30	-2	23	+2	76	-3	3	8	Cu, Cb	2	0	266	328
177	S. Sudan	WAU								1010.6	-0.4	SW	2	24.5	31	-2	22	+1	83	+3	2	—	—	5	1	479	515
178	S. Sudan	JUBA								1012.8	+0.2	SSE	3	23.0	29	-3	21	+1	91	+8	4	6	Sc.	1	0	649	521
179		Geneina								—	—	N	1	24.6	39	—	19	—	40	—	0	8	—	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 25th — ارصاد الرياح العليا يوم ٢٥

Height metres above M.S.L.	Dikheila 07h 45m Dir. E of N	Kms per hour	W. Halfa 06h 00m Dir. E of N	Kms per hour	Kareima 05h 00m Dir. E of N	Kms per hour	Khartoum 04h 00m Dir. E of N	Kms per hour	Kassala 07h 00m Dir. E of N	Kms per hour	El Obeid 07h 00m Dir. E of N	Kms per hour	Geneina 06h 00m Dir. E of N	Kms per hour	Salum 13h 00m Dir. E of N	Kms per hour	Almaza 12h 30m Dir. E of N	Kms per hour
200	320	16	40	24	—	—	—	—	—	—	—	—	—	—	0	26	210	28
500			40	32	20	39	190	34	200	37	—	—	—	—	310	29	280	19
1000			20	23	30	42	210	56	210	53	220	37	—	—	320	41	270	49
1500			340	21	40	24	260	19	210	47	270	24	210	24			270	74
2000			270	18	340	8	40	34	250	14	320	3	90	34			290	26
3000			240	27	190	27					30	13	100	27			260	42
4000											50	11	100	23				
5000											150	24						
6000																		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

STATION	Mean of day: Humidity on 24th	Diff. from normal	Wet bulb temp. on 24th	Diff. from normal
Alexandria	77	[illegible]	22.3	+1.3
Ezbekiya	54	-2	21.5	-0.2
Giza	56	0	20.7	-0.2
Helwan	51	+9	19.5	+1.1

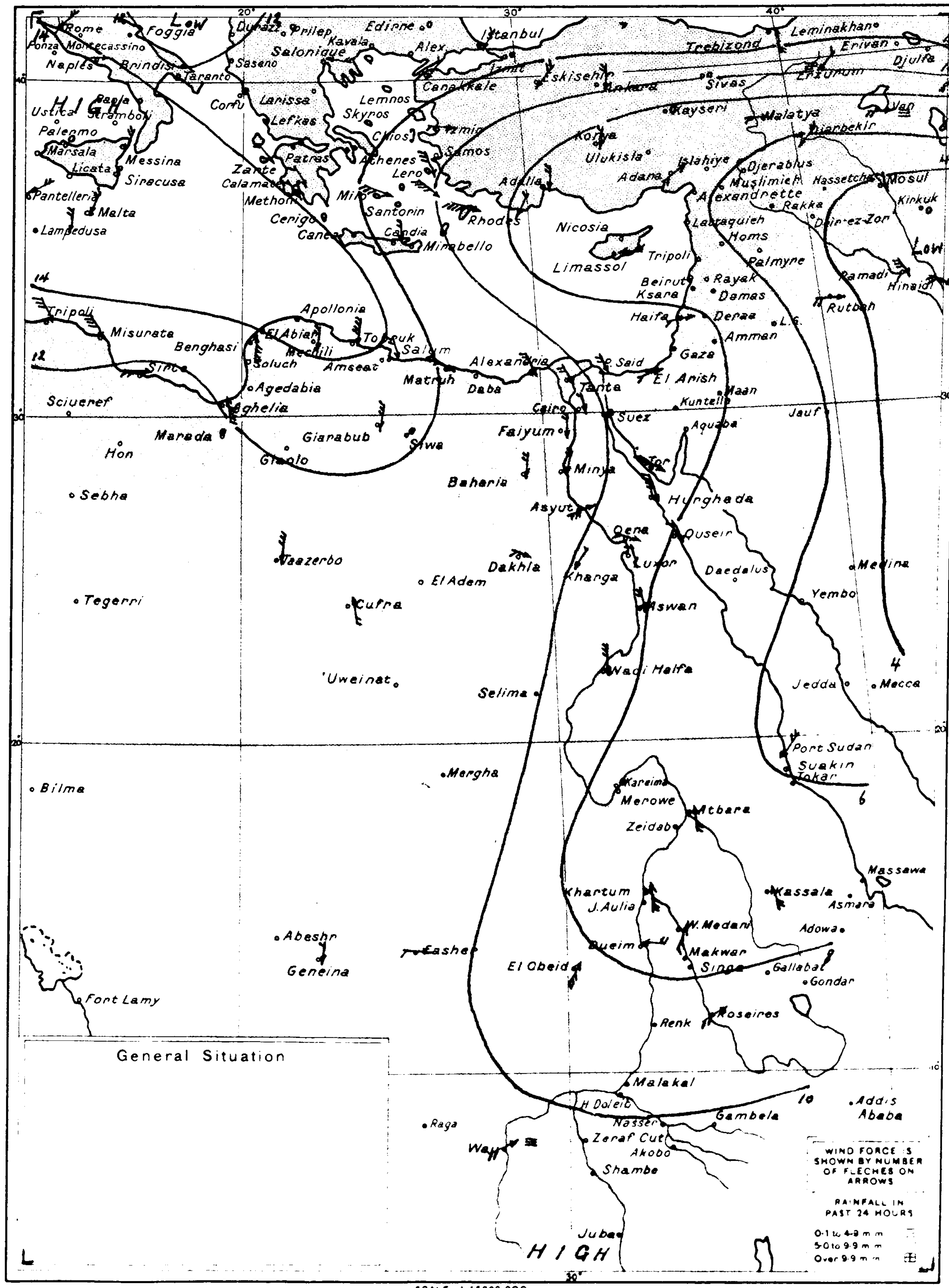
Giza Grass minimum on 25th 17.8 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1937	1936
25.6	1340	1471
24.6	1342	1468

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	25.6	13.56	+0.06	13.56	+0.06
Nâsser	24.6	8.08	-0.24	8.08	-0.18
Malakâl	25.6	11.07	+0.08	11.06	+0.09
Roseires	25.6	13.72	+0.18	14.02	+0.55
Sennâr Res.	25.6	6.63	—	6.59	—
Khartûm	25.6	11.15	-0.10	11.14	-0.08
Kh. el Girba	25.6	11.49	-0.01	11.51	+0.17
Atbara	25.6	10.40	-0.15	10.38	-0.14
Kajnarti	25.6	132.45	-0.05	132.44	-0.01
Wâdi Halfa	25.6	[illegible]	[illegible]	[illegible]	[illegible]
Aswân Res.	25.6	[illegible]	[illegible]	[illegible]	[illegible]
D.S.	25.6	[illegible]	[illegible]	[illegible]	[illegible]
El Leisi	25.6	[illegible]	[illegible]	[illegible]	[illegible]
Rôda (Cairo)	25.6	[illegible]	[illegible]	[illegible]	[illegible]

Pressure and Wind at 8 h. 25-6-1937



General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

Hours are Egyptian Standard Time long. 30°E and are two hours fast on Greenwich Mean Time.

Remarks

At 8 h. on 24-6-1937 الساعة ٨ يوم ٢٤-٦-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1004	-5	SW	3	25	—	—	—	—	—	—	4	—	—	—	—	—	—	ليماسول
Haifa	1006.3	-1.6	WSW	1	27.4	30	0	24	+3	93	+25	0	—	—	—	0	365	647	حيفا
Gaza	1007.1	-1.1	—	0	25.9	36	+7	22	+3	67	-3	3	5	—	1	0	395	376	غزة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise h. 04 m. 56
sunset h. 19 m. 00

Month June 1937 ١٩٣٧ شهر يونيه

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

DAILY WEATHER REPORT

At 14h. on 25th — الساعة ١٤ يوم ٢٥ / At 8h. on Saturday 26th — الساعة ٨ يوم السبت ٢٦

No.	Station	14h Bar. Pressure (m.b.)	14h Wind Dir.	14h Force	14h Temp. °C	14h Humidity %	14h Present weather	14h Visibility	8h Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. yesterday °C	Diff. from norm. °C	Min. today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rainfall past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1012.6	NNE	4	25.5	67	0	8	1012.7	+0.8	N	2	24.5	27	—	19	—	56	—	0	6	—	0	0	105	—
131	MATRÛH	1011.4	NNW	3	25.6	74	0	6	1011.6	-0.2	WNW	2	24.3	26	-2	19	-1	50	-26	0	6	—	0	0	182	158
150	DIKHEILA	1012.0	NW	5	25.8	78	0	—	1012.1	—	NNW	2	24.7	26	—	23	—	77	—	0	8	—	0	0	—	—
132	ALEXANDRIA	1011.2	WNW	4	26.4	67	1	7	1011.8	+0.6	N	1	24.2	28	-1	21	0	71	-2	0	4	—	0	0	167	190
157	DAMIETTA								1010.6	—	NW	1	27.2	32	—	20	—	68	—	1	8	Cu	2	0	75	116
134	PORT SAÏD	1009.8	NW	4	29.5	65	0	7	1011.2	+1.3	NW	2	25.6	30	0	23	+1	70	+1	0	8	—	2	0	38	82
135	EL 'ARÎSH	1009.4	NNW	3	28.7	76	0	7	1010.7	—	WSW	1	26.2	28	—	19	—	75	—	0	7	Cu	1	0	—	—
136	LOWER EGYPT: DAMANHÛR								1011.2	+0.3	N	2	26.5	30	-3	19	0	64	+2	0	7	—	0	0	78	110
137	MANSÛRA								1010.7	—	SE	1	25.5	35	0	19	0	72	+3	0	8	—	0	0	45	57
138	TANTA	1009.6	N	5	32.0	43	2	7	1011.1	-0.2	—	0	25.0	33	-2	18	-1	76	+11	1	7	Ac	1	0	54	48
139	ZAGÂZIG	1009.8	NNW	1	33.1	35	0	8	1011.5	—	NW	2	24.9	33	-1	21	+3	77	+8	0	8	—	0	0	20	28
1461	MIDDLE EGYPT: CAIRO ALMÂZA	1009.8	WNW	4	34.0	35	2	8	1011.4	—	N	3	24.3	35	—	18	—	74	—	0	7	—	2	0	—	—
	CAIRO EZBEKÎYA	1009.1	NNE	1	33.3	35	0	8	1010.8	+0.3	WNW	1	26.2	35	0	21	+1	67	-3	0	6	—	0	0	18	34
	CAIRO GÎZA	1008.7	NNE	2	34.8	26	1	7	1010.7	-0.5	NNW	1	24.0	36	+1	18	0	75	+6	0	6	—	0	0	16	31
143	HELWÂN	1008.7	WNW	3	32.3	27	1	6	1010.8	-0.3	—	0	24.0	34	-1	20	0	70	+11	0	5	—	0	0	17	35
144	SUEZ								1010.8	+1.0	NNW	2	25.5	35	0	22	0	93	+21	0	6	—	0	0	13	26
153	UPPER EGYPT: FAIYÛM	1009.1	N	3	33.8	25	0	8	1011.1	0.0	N	2	25.8	36	-1	20	0	66	+6	0	6	—	0	0	6	11
154	MINYA	1009.8	NNW	3	33.4	33	0	8	1010.3	+0.4	N	1	27.0	35	-2	21	+1	56	-5	0	8	—	0	0	16	—
155	ASYÛT	1008.7	W	3	33.8	27	0	8	1010.3	+0.4	NW	2	27.2	35	-2	20	-2	49	+3	0	7	—	0	0	dr	5
156	QENA	1007.2	WSW	5	37.7	17	0	9	1009.1	+1.3	WNW	2	29.9	39	-2	23	0	31	-8	0	8	—	0	0	dr	—
157	LUXOR	1007.0	NNW	1	37.7	43	0	8	1008.2	—	—	0	33.2	39	—	20	—	46	—	0	8	—	0	0	dr	—
158	ASWÂN	1006.2	—	0	37.0	22	0	8	1008.4	+0.4	N	2	30.3	39	-3	25	0	35	+4	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1011.5	—	0	34.0	31	0	6	1012.7	+1.1	—	0	27.4	37	0	19	-1	64	+7	0	6	—	0	0	29	7
149	BAHARÎYA	1009.4	NNW	1	34.3	26	0	9	1011.5	—	SE	1	26.7	35	—	19	—	56	—	0	9	—	0	0	26	—
151	KHÂRGA	1008.6	NE	2	36.7	33	0	9	1009.9	+1.1	NE	1	30.4	37	-3	21	-2	52	+10	0	9	—	0	0	0	0
152	DÂKHLA	1009.3	NNW	2	35.1	17	0	8	1011.0	+1.0	NW	1	28.9	37	-3	21	-2	23	-9	0	8	—	0	0	dr	—
145	RED SEA: TOR								—	—	NW	5	27.0	31	-3	24	0	66	-8	0	6	—	0	0	14	14
146	HURGHÂDA								1009.6	+1.8	NNW	2	29.0	32	-2	22	-2	58	+8	0	6	—	0	0	dr	0
147	QUSEIR	1007.4	NNE	2	29.9	64	0	6	1008.0	+0.5	N	2	30.8	33	-1	26	0	52	+5	0	6	—	0	0	1	7
164	PORT SUDAN	1005.8	NE	3	34.0	—	1	—	1007.0	+1.4	N	1	34.4	—	—	24	-2	27	-11	1	—	—	0	0	42	109
165	NORTH SUDAN: WÂDI HALFA								1010.5	+2.2	N	2	26.9	38	-3	22	-1	37	+16	0	8	—	0	—	—	—
166	KAREIMA								1008.0	0.0	N	3	31.0	42	-1	25	-1	17	-3	0	8	—	0	0	1	4
167	'ATBARA								1007.9	+1.0	SW	3	33.0	42	0	28	+2	21	0	0	—	—	0	0	5	10
168	KHARTÛM								1009.2	+0.7	S	3	30.7	42	+2	26	0	48	+5	0	8	Ci	0	0	33	15
170	KASSALA								1010.0	0.0	SE	3	25.6	38	0	23	-1	62	+10	2	8	Ac	6	dr	41	51
171	CENTRAL SUDAN: WAD MEDANI	1012.0	SSW	2	39.0	—	3	—	1011.5	+2.2	SSE	2	26.0	40	+2	23	0	76	+22	3	—	—	0	dr	96	59
173	DUEIM								1010.2	+0.4	SE	3	28.6	41	+3	27	+3	57	+5	1	—	—	1	0	47	42
182	RENK																									
172	ROSEIRES								1011.6	+0.1	SSW	2	23.9	32	-2	22	+1	83	+13	3	—	—	3	dr	195	208
174	EL OBEID	1003.9	W	2	38.0	—	3	8	1010.7	-0.2	S	3	28.0	40	+3	24	+2	51	-11	1	8	AcAs	0	0	66	61
175	EL FÂSHER								—	—	SW	3	27.5	41	+3	24	+2	57	+5	0	—	—	0	0	0	30
176	S. SUDAN: MALAKÂL																									
177	WAU								1012.4	+1.3	NE	1	20.5	32	-1	20	-1	96	+16	4	—	—	8	25	504	520
178	JUBA	1008.2	NW	3	34.6	—	2	7	1013.2	+0.6	NW	3	22.9	31	-1	20	0	91	+8	4	7	Nb	0	0	649	526
179	Geneina	—	S	2	41.2	—	0	8	—	—	SW	3	24.5	38	—	21	—	54	—	1	7	Cs	0	0	—	—
180	Gallabat								—	—																

Upper Wind Observations on 26th — ارصاد الرياح العليا يوم ٢٦

Height metres above M.S.L.	Salum 07h 00m Dir E of N	Kms per hour	Matruh 07h 00m Dir	Kms	Dikheila 07h 15m Dir	Kms	Cairo 08h 00m Dir	Kms	Helwan 08h 45m Dir	Kms	Asyut 07h 00m Dir	Kms	Aswan 07h 00m Dir	Kms	Wadi Halfa 06h 00m Dir	Kms	Kareima 05h 00m Dir	Kms	Khartum 05h 00m Dir	Kms	Kassala 07h 00m Dir	Kms	El Obeid 06h 00m Dir	Kms	Geneina 06h 00m Dir	Kms	Juba 06h 00m Dir	Kms	Almaza 25th 12h 30m Dir	Kms
200	320	8	290	13	0	12	10	14	320	17	—	—	—	—	20	21	—	—	—	—	—	—	—	—	—	—	—	—	280	28
500	0	8	330	14	40	6	30	19	20	14	30	22	0	41	30	37	30	50	210	37	180	27	—	—	—	—	260	27	330	6
1000	350	14	10	16	300	10	10	23	10	22	340	22	10	7	30	31	30	48	220	53	170	37	230	35	—	—	250	31	320	13
1500	350	28	0	22	330	17	10	24	10	22	330	18	330	4			20	24	210	76	210	14	190	11	240	18	250	21	320	13
2000	300	47	330	34	330	30			330	29	330	20	0	8			290	11	230	58	240	13	20	8	230	21			320	12
3000			320	36	340	42			330	18									220	40			20	5					310	22
4000									320	10																				
5000									320	21																				
6000									270	23																				
7000									280	24																				

Forecast for 24 hours from noon on:

Station	Mean of day Humidity on 25th	Diff. from normal	Wet bulb temp. on 25th	Diff. from normal
Alexandria	78	+5	21.7	+0.7
Ezbekiya	59	+3	22.0	+0.2
Giza	66	+7	21.2	+0.3
Helwan	51	+9	20.0	+1.6

Giza grass minimum on 26th 14.2 °C

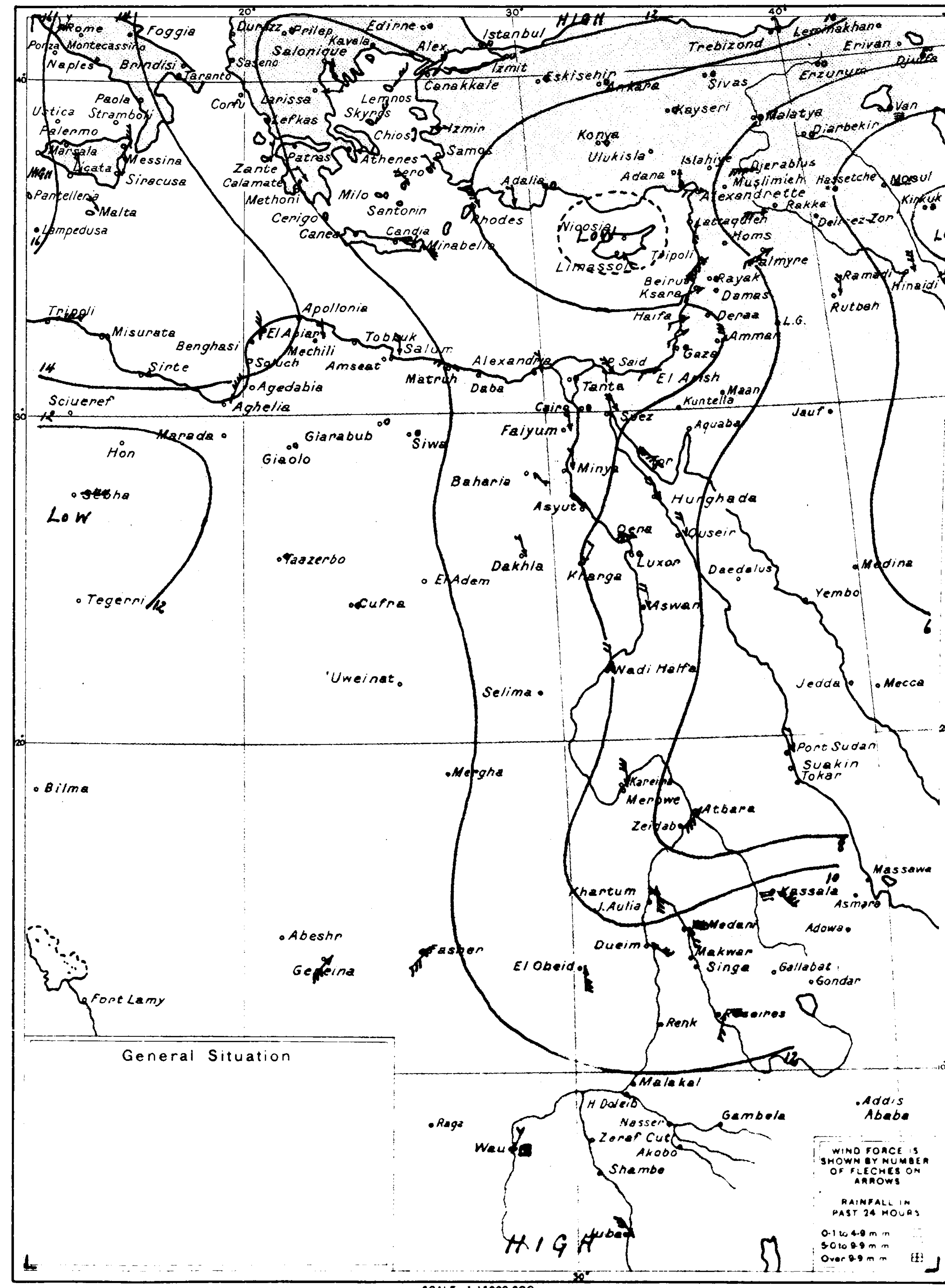
Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
26-6	1343	1470
25-6	1340	1471

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	26-6	13.66	+0.15	13.56	+0.06
Nâsser	25-6	8.08	-0.29	8.08	-0.24
Malakâl	26-6	11.07	+0.05	11.07	+0.08
Roseires	26-6	13.95	+0.32	13.72	+0.18
Sennâr Res	25-6	6.63	—	6.59	—
Khartûm	26-6	11.19	-0.09	11.15	-0.10
Kh. el Girba	25-6	11.40	-0.01	11.51	+0.17
Atbara	26-6	10.44	-0.14	10.48	-0.15
Kajnarti	26-6	132.46	-0.09	132.45	-0.05
Wâdi Halfa	26-6	1.86	+0.16	1.85	+0.18
Aswân Res	26-6	105.87	—	106.17	—
D.S.	26-6	86.39	-0.08	86.39	-0.06
El Leisi	26-6	17.86	+0.57	17.75	+0.53
Rôda (Cairo)	26-6	15.82	+0.36	15.82	+0.36

Printed by the Survey of Egypt, 1936 (36/530)

Pressure and Wind at 8h. 26-6-1937 ١٩٣٧-٦-٢٦



General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h. on 25-6-37 — الساعة ٨ يوم ٢٥-٦-٣٧

Station	Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. yesterday °C	Diff. from norm. °C	Min. today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.	مرصد
Limasol	1007	-2	E	2	26	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.6	+0.8	WSW	1	27.8	30	0	22	+1	89	+21	0	—	—	—	0	365	647	حيفا
Gaza	1008.2	+0.2	—	0	26.8	34	+5	21	+2	70	0	0	9	—	0	0	395	316	غزة

ANNUAL SUBSCRIPTION

Inland Post	P.T. 100
Abroad	P.T. 150

CAIRO
Time of sunrise h. 04 m. 56
sunset h. 19 m. 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month June 1937 ١٩٣٧ شهر يونيه

١٩٣٧-٦-٢٧ Pressure and Wind at 8 h. 27-6-1937

At 14 h. on 26th الساعة ١٤ يوم ٢٦ — At 8 h. on Sunday 27th الساعة ٨ يوم الأحد ٢٧

No.	Station	14h Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALŪM	1012.7	NNE	5	26.4	54	0	8	1012.3	+0.5	NNW	2	22.8	28	—	19	—	78	—	0	6	—	0	0	105	—
131	MATRŪH	1012.0	NNW	3	26.3	73	0	6	1009.4	-2.3	NW	3	20.0	26	-2	20	0	75	-1	2	6	Sc	1	0	182	158
150	DIKHEILA	1012.5	WNW	4	26.4	77	0	—	1010.5	—	WNW	3	25.0	28	—	22	—	83	—	0	8	Cu	0	0	—	—
132	ALEXANDRIA	1011.6	NW	4	27.4	60	0	9	1010.0	-1.1	WNW	2	24.6	29	0	22	+1	79	+5	1	9	Cu	0	0	167	190
157	DAMIETTA								1009.8	—	SW	1	25.2	32	—	19	—	69	—	2	8	Cu	1	0	75	116
134	PORT SAʿÎD	1011.1	NW	4	28.8	70	0	8	1010.3	+0.5	SW	2	25.2	30	0	22	0	66	-3	1	8	Cc	1	0	38	82
135	EL ʿARÎSH	1009.9	NNW	3	27.2	77	0	7	1008.8		—	0	27.3	29	—	19	—	68	—	0	7	St	1	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1010.4	-0.4	W	2	26.3	32	-1	19	0	67	+4	0	8	Ci	0	0	78	110
137	MANSÛRA								1009.6		N	2	25.1	34	-1	18	-1	69	0	1	6	Ac	1	0	45	57
138	TANTA	1009.9	N	3	32.0	33	0	7	1010.3	-0.9	N	1	25.0	33	-2	17	-2	76	+11	3	7	Cu	1	0	54	48
139	ZAGÂZÎG	1010.2	NW	1	32.6	32	0	8	1010.4	—	NW	2	25.0	33	-1	17	-1	71	+1	0	8	Ci	1	0	20	28
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1010.6	WNW	4	32.7	37	0	7	1010.6	—	NNE	2	23.8	34	—	17	—	72	—	0	7	—	0	0	—	—
	CAIRO EZBEKÎYA	1009.8	W	3	33.9	32	0	7	1009.8	-0.6	NNE	1	25.8	35	0	20	0	64	-6	0	6	—	0	0	18	34
	CAIRO GÎZA	1009.3	N	2	34.0	31	0	7	1009.4	-1.8	N	2	23.8	35	0	18	0	70	+1	0	6	—	0	0	18	31
143	HELWÂN	1009.8	NW	4	32.2	24	6	7	1009.5	-1.5	N	2	24.1	34	-1	19	-1	58	-2	0	6	—	0	0	17	35
144	SUEZ								1009.9	+0.2	N	2	25.0	35	-1	22	0	90	+18	0	6	St	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1009.9	NNW	2	33.8	19	0	8	1009.6	-1.4	N	2	25.5	35	+2	20	0	58	-2	0	7	—	0	0	6	11
154	MINYA	1009.6	NNW	3	35.0	28	0	8	1009.5	-0.3	N	1	26.0	35	-2	20	0	53	-8	0	9	—	0	0	16	—
155	ASYÛT	1008.8	NW	3	35.0	18	0	8	1009.3	-0.5	WNW	2	26.5	36	-1	20	-2	47	+1	0	7	—	0	0	tr	5
156	QENA	1007.2	WSW	3	38.0	20	0	8	1007.9	+0.2	WNW	2	29.9	39	-2	23	0	31	-8	0	8	—	0	0	tr	—
157	LUXOR	1006.8	SW	2	38.8	51	0	8	1007.1	—	—	0	33.4	40	—	20	—	47	—	0	8	—	0	0	tr	—
158	ASWÂN	1005.5	—	0	38.3	27	0	8	1007.1	-0.9	N	1	30.0	40	-2	24	-1	33	+2	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1010.3	—	0	37.0	35	0	6	1011.0	-0.6	NE	1	26.9	39	+2	22	+2	64	+7	0	6	—	0	0	29	7
149	BAHARÎYA	1009.6	NNE	2	35.3	26	0	9	1010.6		NNW	1	26.8	36	—	18	—	42	—	0	9	—	0	0	26	—
151	KHARGA	1008.3	N	2	37.3	14	0	9	1009.1	+0.4	SE	1	29.8	38	-2	22	-1	34	-8	0	9	—	0	0	0	0
152	DÂKHLA	1009.1	N	2	36.8	14	0	8	1010.7	+0.7	NW	1	29.1	38	-2	22	-1	36	+4	0	8	—	0	0	tr	—
	RED SEA																									
145	TÔR								1007.5	+0.5	NW	4	26.5	33	-1	21	-3	69	-5	0	6	St	0	0	14	14
146	HURGHÂDA								1007.5	-0.2	NNW	3	29.3	34	-1	22	-2	49	-1	0	6	—	0	0	tr	0
147	QUSEIR	1007.9	N	3	31.9	55	0	6	1007.2	-0.2	N	2	31.7	33	-1	25	-1	46	-1	0	6	—	0	0	1	7
169	PORT SUDAN	1006.0	ENE	3	35.0	—	1	—	1006.0	+0.4	E	1	36.5	—	—	26	0	16	-22	1	—	—	0	0	42	109
	NORTH SUDAN																									
165	WÂDI HALFA	1007.9	NW	4	37.9	17	0	8	1009.5	+1.3	N	2	28.1	38	-3	21	-2	33	+12	4	8	Ci	0	—	—	—
166	KAREIMA	1005.3	NNW	1	41.2	8	0	8	1007.2	-0.8	ENE	2	34.0	42	-1	24	-2	13	-7	0	8	—	0	0	1	4
167	ʿATBARA								1005.9	-1.0	SW	3	35.0	41	-3	28	+2	20	-1	0	—	—	0	0	5	11
168	KHARTÛM	1004.9	SW	3	38.6	21	2	8	1007.7	-0.8	S	3	32.1	40	0	29	+3	43	0	2	8	Ac,As	1	tr	33	15
170	KASSALA	1004.8	S	3	35.1	37	2	8	1008.0	-2.1	SSE	3	27.0	36	-1	24	0	63	+10	2	8	Ac	0	tr	41	52
	CENTRAL SUDAN																									
171	WAD MEDANI	1006.0	S	2	35.0	—	3	—	1009.3	-0.1	SSW	4	30.0	37	-1	26	+3	53	-2	2	—	—	0	tr	96	61
173	DUEIM								1008.8	-1.0	—	3	29.2	38	0	27	+4	60	+7	1	—	—	1	tr	47	43
182	RENK																									
172	ROSEIRES								1010.0	-1.5	SSW	2	25.6	33	-1	22	+1	78	+8	2	—	—	1	0	195	212
174	EL OBEID	1006.5	E	1	35.5	50	2	8	1010.0	-0.9	SSW	3	25.0	36	0	25	+3	54	-9	4	8	Sc	1	tr	66	63
175	EL FÂSHER	—	SE	1	37.5	—	2	—	—	—	SW	2	28.0	40	+2	23	+1	47	-6	0	—	—	0	0	0	31
	S. SUDAN																									
176	MALAKÂL	1007.6	SSE	3	31.0	53	3	8																		
177	WAU	1004.2	SSW	2	—	—	1	—	1011.0	-0.1	SW	2	23.5	30	-3	20	-1	84	+4	3	—	—	1	2	506	526
178	JÛBA								1015.2	+2.6	SSW	4	20.4	32	0	19	-1	91	+7	5	5	Cb	6	52	701	531
179	Geneina	—	S	3	35.2	28	2	8	—	—	NW	3	24.8	38	—	21	—	61	—	0	8	—	0	0	—	—
180	Gallabat	—	W	3	—	—	2	—																		

Upper Wind Observations on 27th ارصاد الرياح العليا يوم ٢٧

Heights in metres above M.S.L.; Dir. E. of N; Kms per hour.

Height	Salum 07h00m Dir	Kms	Matruh 07h00m Dir	Kms	Dikheila 07h45m Dir	Kms	Cairo 08h00m Dir	Kms	Helwan 08h30m Dir	Kms	Asyut 07h00m Dir	Kms	Aswan 07h00m Dir	Kms	W. Halfa 07h00m Dir	Kms	Kareima 05h00m Dir	Kms	Kassala 06h00m Dir	Kms	El Obeid 07h00m Dir	Kms
200	290	8	300	26	300	24	10	7	330	6	—	—	—	—	30	24	—	—	—	—	—	—
500	340	14	310	20	330	23	0	14	10	14	0	26	10	29	10	37	20	40	180	43	—	—
1000	310	13	310	14	340	29	330	31	340	23	340	51	10	27	10	37	30	45	200	31	130	6
1500	310	38	260	14	320	26	330	38	330	27			10	16	350	26	30	29	200	21		
2000	320	26	310	31	310	19			340	18					320	14	340	11	330	6		
3000	300	52			320	32									220	42	190	10	30	18		
4000																	200	34	90	17		
5000																			120	32		
6000																						

Height	Geneina 06h00m Dir	Kms	Khartum 04h00m Dir	Kms	Salum 26th 13h00m Dir	Kms	Almaza 26th 12h25m Dir	Kms
200	—	—	—	—	20	23	30	6
500	—	—	180	24	—	—	20	22
1000	—	—	210	24	280	25	350	16
1500	230	32	230	18	310	37	340	26
2000	240	24	290	5	290	32	350	25
3000	100	14					310	17
4000								
5000								
6000								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة

Station	Mean of day Humidity % on 26th	Diff. from normal	Wet bulb temp. °C on 26th	Diff. from normal
Alexandria	72	-1	21.2	+0.1
Ezbekiya	56	-1	22.1	+0.3
Giza	58	+2	21.0	0.0
Helwan	48	+5	19.6	+1.1

Giza Grass minimum on 27th 14.0 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
27.6	1343	1463
26.6	1343	1470

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	26.6	12.66	+0.15	12.56	+0.06
Nâsser	26.6	8.08	-0.32	8.08	-0.29
Malakâl	27.6	11.08	+0.03	11.07	+0.05
Roseires	27.6	13.95	+0.21	13.95	+0.38
Sennâr Res.	26.6	6.94	—	6.63	—
Khartûm	27.6	11.16	-0.16	11.19	-0.09
Kh. el Girba	26.6	11.48	-0.00	11.40	-0.01
ʿAtbara	27.6	10.47	-0.14	10.44	-0.14
Kajnarti	27.6	132.46	-0.13	132.41	-0.09
Wâdi Halfa	27.6	1.86	+0.13	1.86	+0.16
Aswân Res.	27.6	105.57	—	105.57	—
,, D. S.	27.6	86.39	-0.10	86.39	-0.08
El Leisi	27.6	17.83	+0.59	17.80	+0.57
Rôda (Cairo)	27.6	15.83	+0.25	15.82	+0.26

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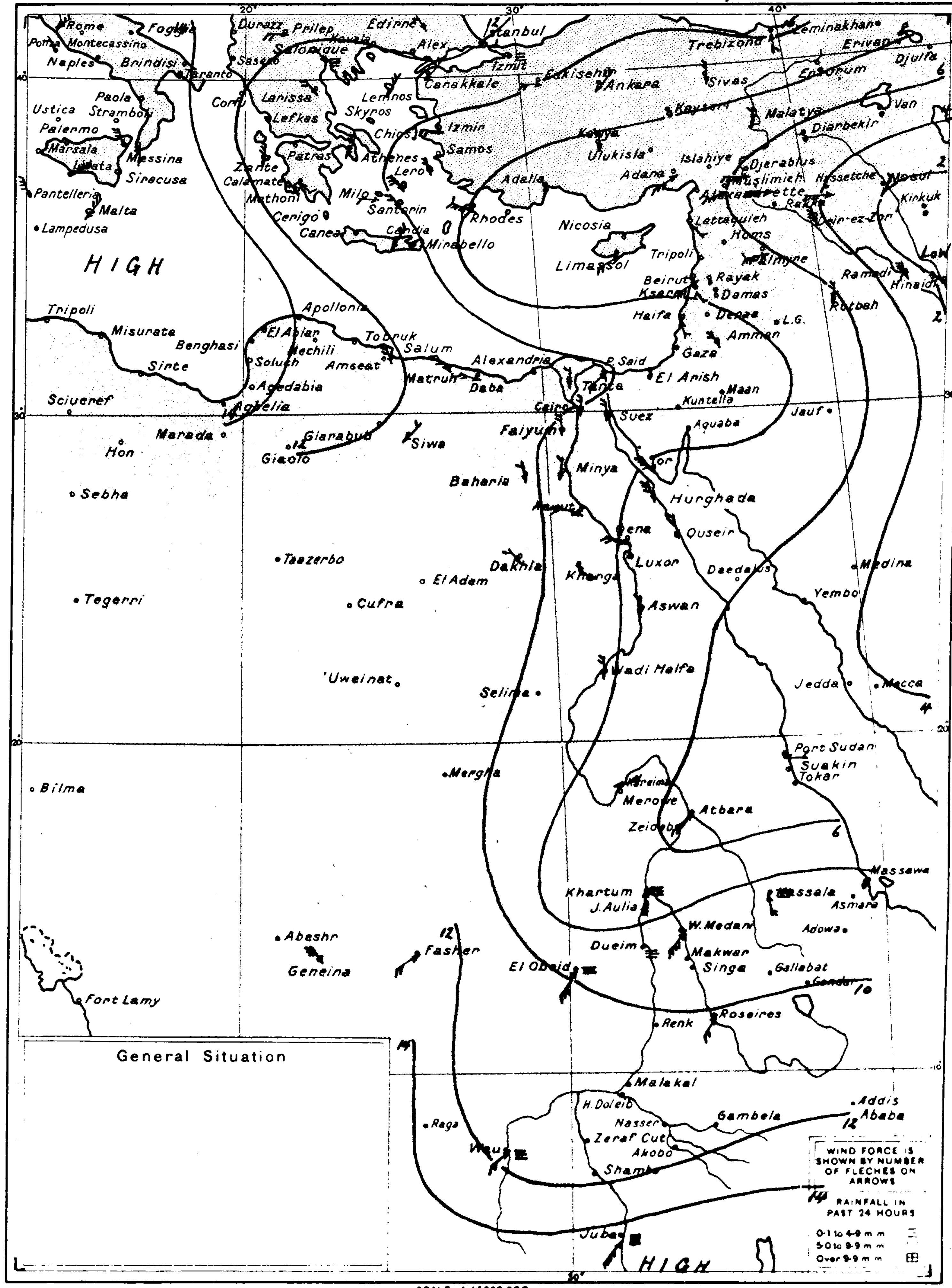


General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

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

Remarks

At 8 h. on 26.6.1937 الساعة ٨ يوم ٢٦-٦-١٩٣٧

Station	Bar. Reduced to M.S.L. m.b.	Bar. Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1008	-1	SE	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.3	+2.6	WSW	1	28.2	30	0	23	+2	73	+5	0	—	—	—	0	365	64	حيفا
Gaza	1010.6	+2.6	—	0	26.1	38	+9	19	0	76	+6	3	4	—	1	0	395	376	غزة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad P.T. 150

CAIRO

Time of sunrise h. m. 04 56
sunset h. m. 19 00

Month *June* 1937 ١٩٣٧ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 27th — الساعة ١٤ يوم ٢٧ | At 8h. on Monday 28th — الساعة ٨ يوم الاثنين ٢٨

No.	Region	STATION	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1011.5	NNE	3	25.5	77	0	8	1011.2	-0.5	NNW	3	23.6	27	—	20	—	75	—	2	6	Cu	1	0	105	—
131	Mediterranean	MATRÛH	1010.3	NW	4	25.1	77	0	6	1009.6	-2.0	NW	3	24.1	26	-2	24	+4	82	+5	3	6	Cu	1	0	182	158
150	Mediterranean	DIKHEILA	1010.4	WNW	4	26.0	84	0	—	1009.5	—	WNW	2	25.0	27	—	22	—	82	—	4	8	Sc	1	0	—	—
132	Mediterranean	ALEXANDRIA	1009.6	WNW	4	27.4	71	0	9	1009.3	-1.7	NW	1	24.6	29	0	22	+1	76	+2	3	9	Cu	2	0	167	170
159	Mediterranean	DAMIETTA								1008.6	—	NW	1	27.6	31	—	20	—	70	—	0	8	—	0	0	75	116
134	Mediterranean	PORT SAÏD	1009.8	NW	2	28.5	57	0	8	1008.8	-0.9	SW	4	26.0	30	0	22	0	73	+4	1	8	Ci	1	0	38	82
135	Mediterranean	EL 'ARÎSH	1008.3	NNW	3	27.0	77	0	7	1008.0	—	—	0	26.9	28	—	18	—	68	—	0	7	St	0	0	—	—
136	Lower Egypt	DAMANHÛR								1009.4	-1.3	NW	2	27.0	32	-1	20	+1	64	+1	1	8	Ci	1	0	78	110
137	Lower Egypt	MANSÛRA								1008.3	—	NNE	1	25.5	34	-1	19	0	72	+3	0	7	Ci	1	0	45	57
138	Lower Egypt	TANTA	1008.6	NW	3	32.5	36	0	7	1009.0	-2.2	NW	1	25.3	33	-2	18	-1	77	+12	3	6	Cu	2	0	54	48
139	Lower Egypt	ZAGÂZÎG	1008.2	WNW	3	33.3	38	0	8	1009.1	—	NNW	1	24.8	33	-1	19	0	75	+5	0	8	—	0	0	20	28
141	Middle Egypt, Cairo	ALMÂZA	1009.4	NW	3	32.4	40	0	7	1009.4	—	WNW	2	25.8	34	—	17	—	75	—	1	7	St	2	0	—	—
	Middle Egypt, Cairo	EZBEKÎYA	1008.2	NW	3	33.2	41	0	9	1008.7	-1.6	W	1	25.8	36	+1	21	+1	72	+2	0	5	—	1	0	18	34
	Middle Egypt, Cairo	GÎZA	1007.6	NNE	1	33.8	34	0	7	1008.6	-2.5	NNW	1	24.2	35	0	18	0	79	+10	0	6	—	0	0	16	31
143	Middle Egypt	HELWÂN	1007.8	NW	4	32.3	29	0	6	1008.8	-2.1	NW	1	23.9	34	-1	19	-1	69	+9	0	5	—	0	0	17	35
144	Middle Egypt	SUEZ								1008.8	-0.8	N	1	26.8	35	-1	21	-1	83	+11	0	6	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1008.4	N	2	34.0	22	0	8	1009.3	-1.7	ENE	1	26.8	36	-1	20	0	64	+4	0	6	—	0	0	6	11
154	Upper Egypt	MINYA	1008.0	NNW	3	35.0	24	0	8	1008.8	-1.0	NNW	1	28.5	36	-1	20	0	52	-9	0	8	—	0	0	16	—
155	Upper Egypt	ASYUT	1007.5	WNW	4	35.4	14	0	8	1008.8	-0.9	NW	2	27.7	37	0	20	-3	44	-2	0	7	—	0	0	tr	5
156	Upper Egypt	QENA	1005.6	NNW	1	40.3	18	0	9	1008.0	+0.3	SW	2	30.3	41	0	22	-2	31	-8	0	8	—	0	0	tr	—
157	Upper Egypt	LUXOR	1005.5	WSW	1	40.2	39	0	8	1007.2	—	NNW	2	33.2	41	—	20	—	47	—	0	8	—	0	0	tr	—
158	Upper Egypt	ASWÂN	1004.2	—	0	40.6	19	0	8	1007.6	-0.3	NNW	2	31.0	42	0	24	-2	24	-7	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1009.4	NW	1	37.7	26	0	6	1009.0	-2.5	NE	3	26.9	39	+2	20	0	66	+8	0	6	—	0	0	29	7
149	Western Desert	BAHARÎYA	1008.8	WNW	2	36.0	26	0	9	1009.4	—	SW	1	29.2	37	—	19	—	46	—	0	9	—	0	0	26	—
151	Western Desert	KHARGA	1007.4	NW	1	37.5	20	0	9	1009.3	+0.7	N	1	26.4	38	-2	21	-2	38	-4	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1008.7	NNW	1	37.0	8	0	8	1009.7	0.0	NNW	1	28.7	38	-2	24	+1	24	-8	0	9	—	0	0	tr	—
145	Red Sea	TÔR								1006.8	-0.2	NW	4	27.0	35	+1	24	0	66	-8	0	6	—	0	0	14	14
146	Red Sea	HURGHÂDA								1007.4	-0.2	NNW	2	30.6	33	-2	23	-1	46	-5	0	6	—	0	0	tr	0
147	Red Sea	QUSEIR	1006.8	NNE	2	31.7	52	0	6	1007.0	-0.3	N	2	31.8	33	-1	25	-1	55	+8	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN								1005.8	+0.3	SE	1	36.8	—	—	26	0	21	-17	2	—	—	1	0	142	109
165	North Sudan	WÂDI HALFA								1009.5	+1.3	N	1	27.9	39	-2	22	-1	30	+9	0	8	Ci	0	—	—	—
166	North Sudan	KAREIMA								1009.5	-0.5	NE	2	32.5	43	0	27	+1	17	-3	0	7	Sc	0	0	1	4
167	North Sudan	ATBARA								1008.0	+1.0	S	3	32.8	43	+1	29	+3	24	+2	0	—	—	0	0	5	11
168	North Sudan	KHARTUM								1009.0	+0.5	S	3	29.0	40	0	26	0	64	+20	2	8	Ac As	0	2	35	15
170	North Sudan	KASSALA								1010.4	+0.2	S	4	25.4	38	+1	22	-2	76	+23	2	9	Ac	0	tr	41	53
171	Central Sudan	WAD MEDANI								1010.2	+0.8	SSE	3	26.2	38	0	23	0	61	+5	3	—	—	0	tr	96	62
173	Central Sudan	DUEIM								1009.9	+0.1	E	2	26.8	38	0	23	0	52	-2	1	—	—	1	tr	47	44
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1011.2	-0.3	WSW	2	25.5	37	+3	23	+2	78	+8	3	—	—	2	0	175	215
174	Central Sudan	EL OBEID								1009.9	-1.1	S	4	26.1	34	-2	24	+2	62	-1	4	8	As As	1	tr	66	64
175	Central Sudan	EL FÂSHER								—	—	SW	3	28.0	40	+3	26	+4	54	0	2	—	—	0	0	0	31
176	S. Sudan	MALAKÂL								1011.1	-1.1	SE	1	24.6	30	-2	23	+2	84	+4	3	8	Sc	—	tr	279	343
177	S. Sudan	WAU								1011.9	+0.8	W	2	23.4	29	-4	21	+1	84	+4	2	—	—	1	4	510	531
178	S. Sudan	JUBA								1013.3	+0.7	SSE	3	23.1	30	-2	21	+1	91	+7	4	6	Sc	1	tr	701	536
179		Geneina								—	—	SW	3	25.2	37	—	24	—	61	—	4	8	Sc	1	0	—	—
180		Gallabat																									

Upper Wind Observations on 28th — ارصاد الرياح العليا يوم ٢٨

Height metres above M.S.L.	Salum 07h 00m Dir. E of N	Kms per hour	Matruh 07h 00m Dir.	Kms	Dikheila 07h 45m Dir.	Kms	Cairo 08h 00m Dir.	Kms	Helwan 08h 30m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Aswan 07h 00m Dir.	Kms	W. Halfa 06h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Kassala 07h 00m Dir.	Kms	El Obeid 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Juba 06h 00m Dir.	Kms	Salon. 27th 11h 00m Dir.	Kms	Almaza 27th 12h Dir.	Kms
200	330	1	310	18	290	12	0	7	290	8	—	—	—	—	10	18	—	—	—	—	—	—	—	—	—	—	—	—	300	5
500			310	24	290	16	60	4	270	5	350	23	10	36	10	43	210	34	190	32	—	—			260	21	290	20	310	20
1000	330	18	Ent Cu				300	20	310	24	330	31	10	34	0	44	220	11	10	8	100	34			260	24	310	47	320	22
1500	300	18					300	17	300	29							340	44			100	37			240	18	300	30	330	20
2000	300	5															50	24							220	34			300	20
6000																														

Forecast for 24 hours from noon on

STATION	Mean of day Humidity on 27th	Diff. from normal	Wet bulb temp. on 27th	Diff. from normal
Alexandria	79	+6	22.2	+1.0
Ezbekiya	52	-5	21.9	+0.1
Giza	58	+2	21.2	+0.1
Helwan	43	0	19.6	+1.0

Giza grass minimum on 28th 14.4 °C

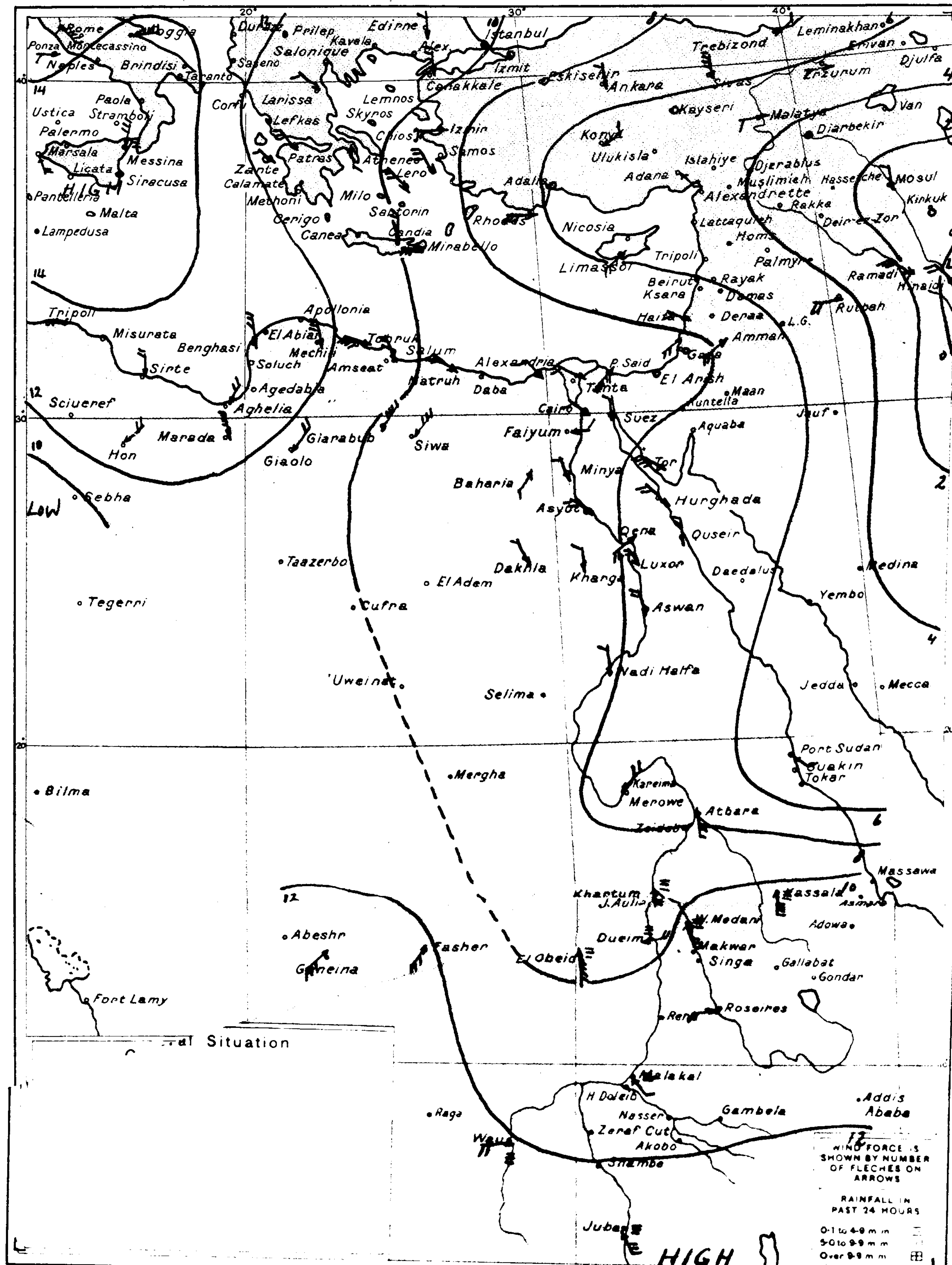
Discharges at Aswan measured by sluices m³ per sec.

DATE	1937	1936
28.6	1342	1456
27.6	1343	1463

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	28.6	14.23	+0.71	13.70	+0.19
Nasser	27.6	8.10	-0.32	8.08	-0.32
Malakal	28.6	11.08	+0.01	11.08	+0.03
Roseires	28.6	14.02	+0.15	13.95	+0.21
Sennar Res	27.6	7.09	—	6.94	—
Khartum	28.6	11.17	-0.17	11.16	-0.16
Kh. el Girba	27.6	11.30	-0.36	11.48	0.00
Atbara	28.6	10.46	-0.19	10.47	-0.14
Kajnarti	27.6	132.46	-0.13	132.46	-0.09
Wâdi Halfa	28.6	1.87	+0.12	1.86	+0.13
Aswan Res	28.6	105.26	—	105.57	—
D.S.	28.6	86.39	-0.11	86.36	-0.14
El Leisi	28.6	17.83	+0.58	17.85	+0.57
Roda (Cairo)	28.6	15.29	+0.21	15.62	+0.25

Printed by the S... of Egypt 1936 (36/530)

١٩٣٧-٦-٢٨ Pressure and Wind at 8h. 28. 6. 1937



General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato-cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h. on 27.6.1937 — الساعة ٨ يوم ٢٧-٦-١٩٣٧

STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1007	-2	SW	2	29	—	—	—	—	—	—	—	—	—	—	—	—	—	لماسول
Haifa	1009.4	+1.8	SSE	1	27.9	30	0	22	+1	78	+10	0	—	—	—	0	365	647	حيفا
Gaza	1009.4	+1.6	—	0	26.6	—	—	21	+2	75	+5	0	9	—	0	0	395	376	غزة

ANNUAL SUBSCRIPTION	
Inland Post	P.T. 100
Abroad	P.T. 150

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 *June* 1937 ١٩٣٧ شهر يونيه

At 14h. on *28th* الساعة ١٤ يوم ٢٨ — At 8h. on *Tuesday 29th* الساعة ٨ يوم الثلاثاء ٢٩

No.	Region	Station	14h Bar. pressure reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present weather	14h Visibility	8h Bar. reduced to M.S.L. m.b.	8h Bar. diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry bulb °C	Max. yesterday °C	Max. diff. from norm. °C	Min. today °C	Min. diff. from norm. °C	Humidity %	Humidity diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.	Rain total fr. Oct. 1 to yesterday m.	Rain normal fr. Oct. 1 to yesterday m.
130	Mediterranean	SALÛM	1011.1	NNE	4	25.3	71	1	8	1014.0	+2.4	N	2	23.3	27	—	19	—	81	—	0	5	Cu	0	0	105	—
131	Mediterranean	MATRÛH	1010.0	NNW	3	26.0	73	0	6	1012.4	+0.9	NW	3	24.4	26	-2	21	+1	77	0	0	6	—	0	0	182	158
150	Mediterranean	DIKHEILA														—		—		—							—
132	Mediterranean	ALEXANDRIA	1009.6	NW	4	27.1	66	1	9	1012.0	+1.1	NW	1	24.3	29	0	23	+2	71	-4	0	9	—	0	0	167	190
158	Mediterranean	DAMIETTA								1011.4	—	NNW	1	27.7	32	—	21	—	70	—	1	8	Cu	1	0	75	116
134	Mediterranean	PORT SAÏD	1008.3	NE	3	29.5	64	0	8	1011.0	+1.4	NW	2	26.2	31	+1	23	+1	66	-3	1	8	Cu	1	0	38	82
135	Mediterranean	EL 'ARÎSH	1007.9	NNW	3	27.0	77	0	7	1010.2	—	NNW	1	27.0	28	—	20	—	69	—	0	7	—	0	0	—	—
136	Lower Egypt	DAMANHÛR								1011.8	+1.2	N	2	27.2	31	-2	19	0	57	-6	0	8	—	0	0	78	110
137	Lower Egypt	MANSÛRA								1011.0	—	NW	1	25.5	35	0	19	0	66	-4	0	8	—	0	0	45	57
138	Lower Egypt	TANTA	1008.0	NW	4	32.0	52	0	7	1011.5	+0.4	—	0	25.5	33	-2	17	-2	69	+3	0	7	—	0	0	54	48
139	Lower Egypt	ZAGÂZÎG	1009.1	NNW	2	32.2	44	0	8	1011.6	—	NNW	2	25.0	33	-2	19	0	73	+3	0	8	Ci	1	0	20	28
141	Middle Egypt, Cairo	ALMÂZA	1008.7	W	3	33.7	25	0	8	1012.0	—	NNW	3	24.6	35	—	18	—	69	—	2	8	Sc	2	0	—	—
	Middle Egypt, Cairo	EZBEKIYA	1007.8	W	2	34.4	31	0	9	1011.5	+1.3	—	0	26.4	35	0	21	+1	66	-5	0	6	—	1	0	18	34
	Middle Egypt, Cairo	GÎZA	1007.1	NW	1	35.0	28	0	7	1011.1	+0.1	N	2	24.2	36	+1	18	0	74	+5	0	6	—	0	0	16	31
143	Middle Egypt	HELWÂN	1007.4	NW	4	33.2	25	0	8	1011.6	+0.8	N	2	24.3	34	-1	20	0	66	+5	0	6	—	0	0	17	35
144	Middle Egypt	SUEZ								1010.3	+0.7	NW	3	26.5	36	0	22	0	82	+10	0	6	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1009.3	NNW	2	35.4	22	0	8	1011.9	+1.0	N	3	25.4	37	0	21	+1	65	+5	0	7	—	0	0	6	11
154	Upper Egypt	MINYA	1007.5	N	1	36.0	27	0	7	1010.6	+0.9	NNW	2	27.0	37	0	23	+2	60	-2	0	8	—	0	0	16	—
155	Upper Egypt	ASYÛT	1006.8	WNW	3	36.8	20	0	8	1010.0	+0.4	WSW	1	28.8	38	+1	22	-1	47	+1	0	7	—	0	0	dr.	5
156	Upper Egypt	QENA	1005.4	NNW	2	40.0	15	0	8	1008.8	+1.2	NNW	1	30.3	41	0	24	0	37	-2	0	7	—	0	0	dr.	—
157	Upper Egypt	LUXOR	1005.5	NW	1	39.6	33	0	8	1008.3	—	—	0	32.2	40	—	21	—	46	—	0	8	—	0	0	dr.	—
158	Upper Egypt	ASWÂN	1004.6	NNW	2	39.2	19	0	8	1008.6	+0.8	—	0	32.0	42	0	24	-2	33	+2	0	8	—	0	0	1	—
148	Western Desert	SÎWA	—	—	0	34.9	44	0	6	1013.3	+1.8	—	0	25.4	37	0	20	0	74	+16	0	6	—	0	0	29	7
149	Western Desert	BAHARÎYA	1007.5	N	2	37.9	20	0	9	1012.2		NE	1	27.0	39	—	21	—	54	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1006.7	N	2	37.3	22	0	9	1009.4	+0.8	—	0	32.0	39	-1	22	-1	35	-7	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1007.6	NNW	2	39.0	7	0	8	1010.0	+0.2	E	1	31.1	40	0	21	-2	25	-7	0	8	—	0	0	dr.	—
145	Red Sea	TOR								1008.8	+1.9	NW	5	26.5	36	+2	24	0	80	+6	0	6	—	0	0	14	14
146	Red Sea	HURGHADA								1008.8	+1.2	NNW	3	30.1	34	-1	24	0	53	+2	0	6	—	1	0	dr.	0
147	Red Sea	QUSEIR	1006.0	N	3	31.8	56	0	6	1008.0	+0.7	N	3	31.1	33	-1	27	+1	60	+13	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN								1006.4	+1.0	SW	1	36.0	—	—	26	-1	19	-19	1	—	—	0	dr.	42	109
165	North Sudan	WADI HALFA								1010.6	+2.4	—	0	26.9	39	-2	20	-3	29	+8	0	7	—	0	—	—	—
166	North Sudan	KAREIMA								1008.5	+0.5	—	0	32.0	42	-1	26	0	14	-7	0	7	Ci	0	0	1	4
167	North Sudan	'ATBARA								1009.1	+2.1	SW	2	33.0	41	-1	28	+2	17	-6	0	—	—	0	0	5	11
168	North Sudan	KHARTÛM								1009.7	+1.2	SW	4	31.2	41	+1	29	+3	48	+3	3	8	Sc	0	0	35	15
170	North Sudan	KASSALA								1010.6	+0.4	SE	4	25.5	35	-2	24	0	76	+22	3	8	Ac	1	dr.	41	54
171	Central Sudan	WAD MEDANI								1011.9	+2.4	S	2	24.7	36	-2	23	0	83	+26	3	—	—	1	26	122	63
173	Central Sudan	DUEIM								1011.8	+1.9	E	3	27.0	36	-2	26	+3	68	+14	1	—	—	1	0	47	44
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1012.3	+0.7	SSW	2	22.3	33	-1	21	0	82	+11	3	—	—	6	10	205	219
174	Central Sudan	EL OBEID								1011.7	+0.6	S	3	24.8	35	-1	24	+2	47	-17	4	8	Ac,As	1	dr.	66	65
175	Central Sudan	EL FASHER								—	—	S	3	23.0	38	+1	21	-1	88	+34	3	—	—	0	20	20	32
176	S. Sudan	MALAKAL								1012.6	+0.3	SSW	1	24.2	32	0	21	0	83	+3	4	8	Sc	2	7	286	348
177	S. Sudan	WAU								1013.6	+2.5	N	2	23.5	32	-1	22	+2	82	+2	3	—	—	1	0	510	537
178	S. Sudan	JUBA								1016.0	+3.3	S	3	21.8	31	-1	20	0	91	+7	4	6	Cb.	2	5	706	541
179		*Geneina*								—	—	S	3	22.2	39	—	21	—	91	—	4	8	Ac.	2	8	—	—
180		*Gallabat*																									

Upper Wind Observations on *29-6-1937* ارصاد الرياح العليا يوم ٢٩-٦-١٩٣٧

Height in metres above M.S.L.	Salum 07h00m Dir E of N	Kms per hour	Matruh 07h00m Dir	Kms	Cairo 08h00m Dir	Kms	Helwan 08h30m Dir	Kms	Asyut 07h00m Dir	Kms	Aswan 07h00m Dir	Kms	Wadi Halfa 06h00m Dir	Kms	Kareima 05h00m Dir	Kms	Khartum 04h00m Dir	Kms	Kassala 06h00m Dir	Kms	El Obeid 06h00m Dir	Kms	Malakal 06h00m Dir	Kms	Geneina 06h00m Dir	Kms	Ismailia 07h00m (R.A.F.) Dir	Kms	Salum 28th 13h00m Dir	Kms
200	0	12	320	24	0	10	0	14	—	—	—	—	10	6	—	—	—	—	—	—	—	—	—	—	—	—	290	8	20	22
500	—	—	330	23	30	15	20	17	40	10	40	22	20	18	20	40	210	50	180	31	—	—	270	16	—	—	310	5	—	—
1000	10	17	350	29	20	16	20	20	0	14	10	23	10	14	30	43	220	47	200	47	220	47	250	14	—	—	330	14	320	25
1500	0	24	350	24	350	22	350	22	300	18	330	19	10	18	40	24	210	37	220	27	250	21	210	14	260	13	330	23	310	11
2000	340	13	0	26	330	30	330	28	290	35			0	14	330	8	220	18	290	5	120	11	190	16	130	16	310	24		
3000							300	25					330	8					30	31	60	37	160	23	70	18	310	24		
4000							330	28					170	13					40	18	10	18			60	27				
5000													330	26											0	50				
6000													40	14											170	47				

Forecast for 24 hours from noon of

تنبؤات الطقس المنتظرة في ٢٤ ساعة مرتقبة

Station	Mean of day: Humidity on 28th	Diff. from normal	Wet bulb temp. on 28th	Diff. from normal
Alexandria	73	0	21.7	+0.4
Ezbekiya	57	0	21.9	0.0
Giza	65	+9	21.8	+0.7
Helwan	55	+12	20.6	+2.0

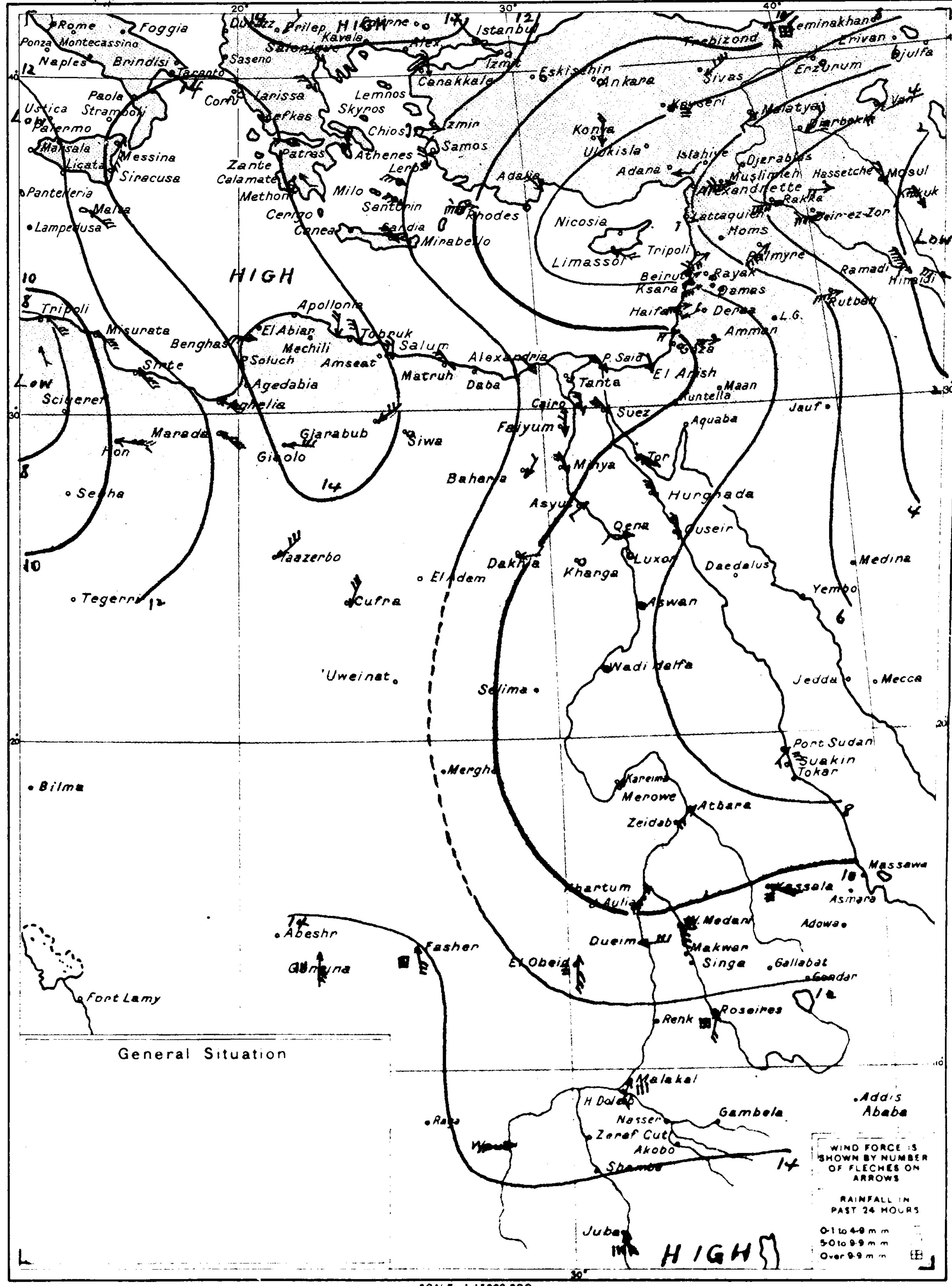
Giza grass minimum on 29th 15.0 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
29-6	1342	1463
28-6	1342	1436

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	28-6	14.22	+0.71	13.70	+0.19
Nâsser	28-6	8.16	-0.31	8.10	-0.32
Malakâl	29-6	11.10	+0.02	11.08	+0.01
Roseires	29-6	14.20	+0.24	14.02	+0.15
Sennâr Res	28-6	7.03	—	7.09	—
Khartûm	28-6	11.17	-0.17	11.16	-0.16
Kh. el Girba	28-6	11.60	-0.04	11.20	-0.36
Atbara	28-6	10.46	-0.19	10.47	-0.14
Kajnarti	29-6	132.50	-0.20	132.48	-0.16
Wâdi Halfa	29-6	1.87	+0.08	1.87	+0.12
Aswân Res	29-6	104.95	—	105.26	—
D.S	29-6	86.39	-0.13	86.39	-0.11
El Leisi	29-6	17.84	+0.58	17.83	+0.58
Rôda (Cairo)	29-6	15.79	+0.21	15.79	+0.21

Pressure and Wind at 8h. *29-6-1937* ١٩٣٧-٦-٢٩



SCALE 1:15,000,000

General Situation

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro-cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

HOURS ARE EGYPTIAN STANDARD TIME LONG 30° E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Remarks

At 8h. on *28-6-37* الساعة ٨ يوم ٢٨-٦-١٩٣٧

Station	Bar. reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry bulb °C	Max. yesterday °C	Diff. from norm. °C	Min. today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain past 24 hours m.	Total fr. Oct. 1 to yesterday m.	Normal fr. Oct. 1 to yesterday m.	مرصد
Limasol	1005	-4	SW	3	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.6	+1.2	NNW	1	27.5	30	0	22	+1	85	+17	0	—	—	—	0	365	647	حيفا
Gaza	1008.6	+0.9	—	0	25.9	—	—	19	0	70	-1	0	9	—	0	0	395	316	غزة

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
Abroad

Printed by the Survey of Egypt 1936

CAIRO
Time of sunrise 04 h. 57 m.
sunset 07 h. 00 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month June 1937 ١٩٣٧ شهر يونيه

1417 F.C.

At 14h. on 29th الساعة ١٤ يوم ٢٩ — At 8h. on Wednesday 30th الساعة ٨ يوم الأربعاء ٣٠

No.	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	14h Present Weather	14h Visibility	8h Bar. Reduced to M.S.L. m.b.	8h Bar. Diff. from normal m.b.	8h Wind Dir.	8h Wind Force	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
	SALŪM	1013.9	NNE	4	25.0	75	0	8	1014.7	+3.2	W	1	23.0	27	—	18	—	78	—	0	6	—	0	0	105	—
	MATRŪH	1013.0	NNW	3	26.4	76	0	6	1013.4	+2.0	NW	2	24.3	27	-1	20	0	83	+6	0	6	—	0	0	182	158
	DIKHEILA	1012.8	NW	4	26.0	65	1	—	1013.5	—	NNW	3	25.3	27	—	23	—	72	—	0	8	—	0	0	—	—
	ALEXANDRIA	1012.2	NW	4	27.2	63	1	9	1012.8	+2.0	N	2	25.0	29	0	23	+2	74	-1	0	9	—	0	0	167	190
	DAMIETTA								1011.6	—	SW	2	27.0	31	—	20	—	74	—	0	8	—	0	0	75	116
14.	PORT SAĪD	1011.6	NW	4	30.2	57	0	8	1011.9	+2.4	NW	2	26.4	30	0	22	0	78	+9	2	8	Sc	1	0	38	82
15.	EL ‘ARĪSH	1010.4	NNW	4	27.0	77	0	7	1011.2	—	WSW	1	27.0	28	—	19	—	69	—	0	7	⌒	0	0	—	—
	LOWER EGYPT																									
36	DAMANHŪR								1012.8	+2.3	NW	2	28.0	30	-3	19	0	59	-5	0	7	—	0	0	78	110
37	MANSŪRA								1012.0	—	NW	1	26.4	34	-1	19	-1	73	+3	0	8	—	0	0	45	57
38	TANTA	1010.8	NNW	3	31.0	48	1	7	1012.6	+1.6	—	0	26.2	32	-4	18	-1	77	+11	0	7	—	0	0	54	48
39	ZAGĀZĪG																									
	MIDDLE EGYPT																									
41	CAIRO ALMĀZA	1011.2	NNW	3	32.4	33	0	8	1013.1	—	NNE	2	24.4	33	—	19	—	72	—	2	8	St	2	0	—	—
	CAIRO EZBEKĪYA	1010.3	NNW	3	32.3	37	0	7	1012.4	+2.3	NNW	2	26.4	34	-1	22	+2	66	-5	0	6	—	1	0	18	34
	CAIRO GĪZA	1009.6	NNE	2	33.2	36	0	7	1012.3	+1.4	NNE	1	24.0	34	-1	20	+2	75	+6	0	6	—	0	0	16	31
43	HELWĀN	1009.8	NW	4	31.6	28	0	6	1012.4	+1.7	NNW	2	24.2	33	-2	20	0	67	+6	0	6	—	0	0	17	35
44	SUEZ								1011.9	+2.5	NNW	2	26.0	34	-2	22	0	89	-17	0	6	—	0	0	13	26
	UPPER EGYPT																									
53	FAIYŪM	1010.4	NNW	5	33.2	18	0	8	1013.1	+2.3	NNE	3	24.8	34	-3	20	0	68	+7	0	7	—	0	0	6	11
54	MINYA	1009.7	NNE	4	34.0	31	0	7	1011.7	+2.3	N	3	25.5	35	-2	21	0	65	+3	0	8	—	0	0	16	—
55	ASYŪT	1008.7	WSW	3	35.8	24	0	8	1011.5	+2.0	WNW	2	26.2	37	0	21	-1	58	+12	0	7	—	0	0	dr	5
56	QENA	1007.0	NW	2	40.2	18	0	8	1009.6	+2.1	WNW	3	27.8	41	0	23	-1	33	-6	0	8	—	0	0	dr	—
57	LUXOR	1007.1	NNW	1	39.7	36	0	8	1009.0	—	—	0	34.9	41	—	21	—	41	—	0	8	—	0	0	dr	—
[illegible]	ASWĀN	1006.9	N	4	40.3	14	0	8	1009.1	+1.3	NNE	1	32.0	41	-1	26	0	33	+2	0	8	—	0	0	1	—
	WESTERN DESERT																									
[illegible]	SĪWA	1011.6	E	1	34.9	43	0	6	1013.3	+1.9	—	0	27.2	36	-1	21	+1	57	+2	0	6	—	0	0	29	7
[illegible]	BAHARĪYA	1009.1	NNW	2	34.1	29	0	9	1013.4	—	N	3	25.3	35	—	19	—	71	—	0	9	—	0	0	26	—
[illegible]	KHARGA	1007.1	SW	1	41.6	20	0	9	1010.6	+2.1	N	3	30.8	42	+2	22	-4	45	+3	0	9	—	0	0	0	0
[illegible]	DĀKHLA	1008.6	NNW	1	38.9	13	0	8	1012.6	+2.9	—	0	31.1	40	0	21	-2	26	-6	0	9	—	0	0	dr	—
	RED SEA																									
[illegible]	TOR								1009.0	+2.2	NW	4	26.5	35	+1	24	0	77	+3	0	6	—	0	0	14	14
[illegible]	HURGHĀDA								1009.4	+1.9	NNW	4	28.9	35	0	24	0	53	+2	0	6	—	0	0	dr	0
[illegible]	QUSEIR	1007.9	NNE	2	31.9	61	0	6	1008.7	+1.5	N	2	30.8	34	0	26	0	52	+5	0	5	—	0	0	1	7
[illegible]	PORT SUDAN								1007.1	+1.7	E	1	35.8	—	—	26	-1	32	-6	1	—	—	0	0	42	109
	NORTH SUDAN																									
[illegible]	WADI HALFA								1011.1	+3.0	N	3	28.4	40	-1	24	+1	27	+6	0	7	—	0	—	—	—
166	KAREIMA								1009.5	+1.5	W	5	31.0	43	0	26	0	17	-5	0	6	Ci	0	0	1	4
167	‘ATBARA																									
168	KHARTŪM								1011.4	+2.9	SSE	3	29.8	39	-1	26	0	53	+7	1	8	Ac	1	0	35	16
170	KASSALA								1014.8	+4.5	SSE	3	22.1	35	-2	21	-3	91	+36	4	3	Sc	1	45	86	55
	CENTRAL SUDAN																									
171	WAD MEDANI								1014.2	+4.7	ESE	3	26.4	33	-5	24	+1	66	+8	3	—	—	0	dr	122	65
173	DUEIM								1012.7	+2.8	E	3	28.0	35	-3	26	+3	62	+7	1	—	—	1	0	47	45
182	RENK								—																	
172	ROSEIRES								—	—	SSE	2	25.7	32	-2	22	+1	77	+6	2	—	—	2	dr	205	223
174	EL OBEID								1012.3	+1.2	SSW	3	24.5	33	-3	23	+1	57	-7	4	8	Ac As	2	8	74	66
[illegible]	EL FASHER								—	—	SW	2	24.0	35	-2	22	0	83	+28	3	—	—	0	2	22	32
	SOUTH SUDAN																									
176	MALAKAL																									
177	WAU								1014.4	+3.3	W	1	24.5	30	-3	22	+2	83	+3	1	—	—	0	0	510	542
178	JUBA								1016.5	+3.8	SSW	4	23.9	30	-2	21	+1	91	+6	3	7	Nb	1	dr	706	546
179	Geneina								—	—	W	3	22.0	33	—	21	—	82	—	4	8	Nb	2	1	—	—
180	Gallabat																									

Upper Wind Observations on 30th ارصاد الرياح العليا يوم ٣٠

Height M.S.L. (m)	Salum 07h 00m Dir	Kms	Matruh 07h 00m Dir	Kms	Dikheila 07h 15m Dir	Kms	Cairo 08h 00m Dir	Kms	Helwan 08h 30m Dir	Kms	Asyut 07h 00m Dir	Kms	Aswan 07h 00m Dir	Kms	W. Halfa 06h 00m Dir	Kms	Kareima 05h 00m Dir	Kms	Khartum 05h 00m Dir	Kms	Kassala 07h 00m Dir	Kms	El Obeid 06h 00m Dir	Kms	Juba 06h 00m Dir	Kms	Salum 29th 13h 00m Dir	Kms	Almaza 29th 12h 30m Dir	Kms
250	270	5	300	8	340	19	40	11	0	8	—	—	—	—	30	24	—	—	—	—	—	—	—	—	—	—	20	21	340	8
500	60	14	50	22	10	26	30	22	20	10	30	23	10	42	50	35	30	48	230	21	190	37	—	—	0	8	0	18	350	10
1000	40	23	10	19	30	21	40	30	40	35	340	29	10	38	20	24	40	58	240	53	200	60	260	37	20	17	220	5	350	16
1500	10	13	30	14	40	7	40	15	60	26	340	23	310	22	0	11	30	47	250	24	210	47	190	11	30	18	320	13	10	6
2000	0	35	340	20	60	13	30	13	30	28	320	17	280	31	310	11	30	18	300	11	190	5	110	27	180	13	330	15	340	20
3000			0	28	10	20			30	17					330	13					0	18	120	18	230	10			320	32
4000									10	22					350	10							70	23						
5000															40	14														
6000																														

Forecast for 24 hours from ...

Station	Mean of day Humidity 29th	Diff. from normal	Mean of day Temperature 29th	Diff. from normal
Alexandria	72	-1	21.5	+0.1
Ezbekiya	56	-1	21.8	-0.1
Giza	60	+4	21.2	0.0
Helwan	50	+7	20.0	+1.3

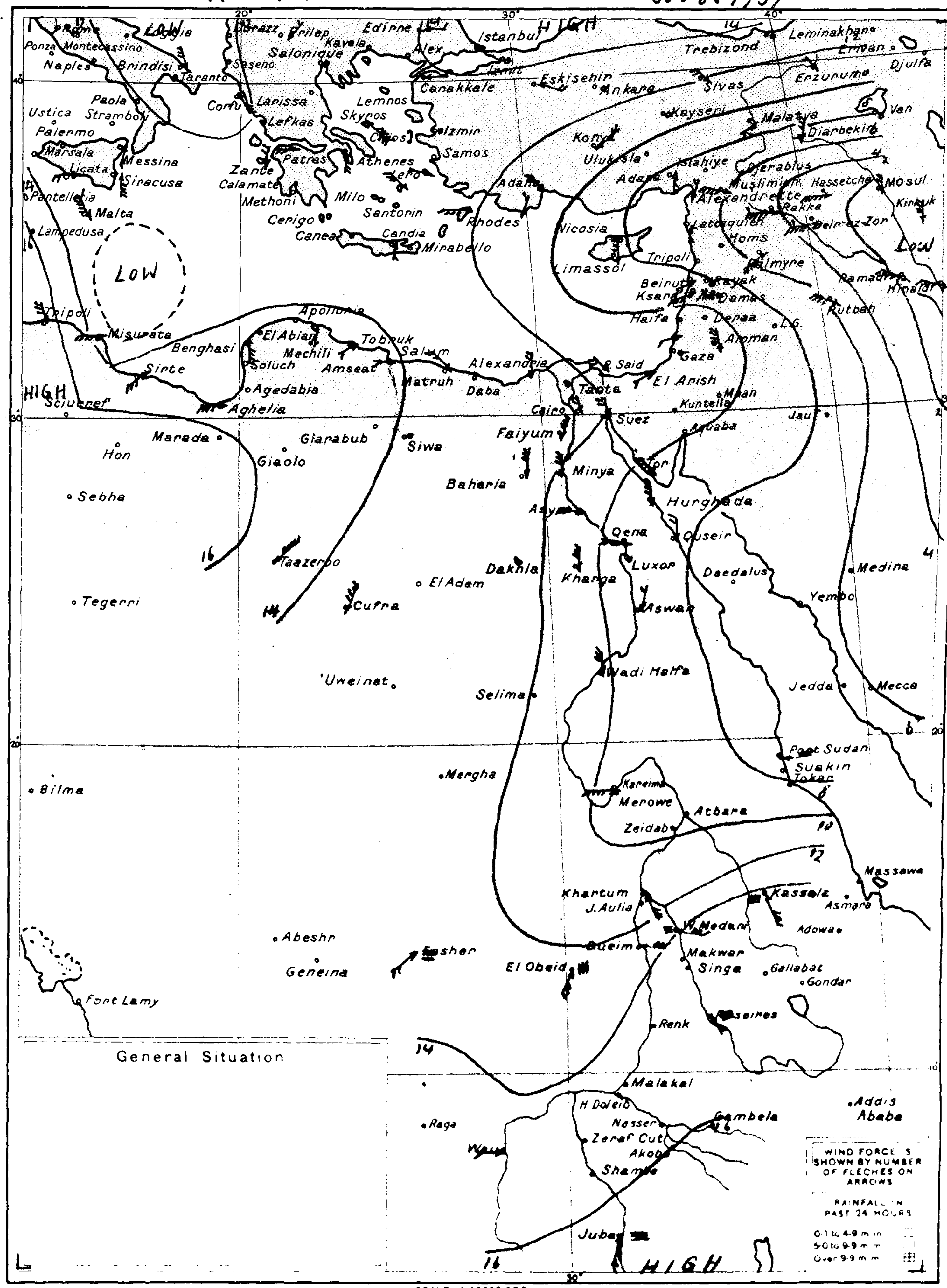
Giza grass minimum on 30th 16.4 °C

Discharges at Aswan ... per sec.

DATE	1937	1936
30.6	1344	1462
29.6	1342	1463

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	30.6	14.14	[illegible]	14.54	+1.02
Nāsser	29.6	8.22	-0.30	8.16	-0.31
Malakāl	30.6	11.10	+0.01	11.10	+0.02
Roseires	30.6	14.18	+0.13	14.20	+0.24
Sennār Res	29.6	7.06	—	7.03	—
Khartūm	29.6	[illegible]	[illegible]	4.17	-0.17
Khashm el Girba	29.6	[illegible]	[illegible]	4.60	-0.04
Atbara	29.6	[illegible]	[illegible]	[illegible]	-0.19
Kajnarti	29.6	[illegible]	[illegible]	[illegible]	-0.16
Wadi Halfa	29.6	1.81	[illegible]	1.87	+0.12
Aswan Res	30.6	[illegible]	—	104.75	—
D S	30.6	[illegible]	-0.16	86.39	-0.13
El Leis	30.6	[illegible]	+0.57	17.84	+0.58
Roda (Cairo)	30.6	[illegible]	+0.20	[illegible]	+0.21

Pressure and Wind at 8h. 30.6.1937 ١٩٣٧-٦-٣٠



At 8h. on 29.6.1937 الساعة ٨ يوم ٢٩-٦-١٩٣٧

Station	Bar. Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Force	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather	Visibility	Cloud Form	Past Weather	Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1008	-1	SE	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.2	+2.9	ESE	1	28.3	30	0	23	+2	70	+2	0	—	—	—	0	365	647	حيفا
Gaza	1010.0	+2.4	—	0	25.7	—	—	19	0	77	+6	3	4	—	1	0	395	376	غزه

WIND VELOCITY

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

PRESENT WEATHER

Clear	0
¼ Clouded	1
½ Clouded	2
¾ Clouded	3
Entirely clouded	4
Raining	5
Sand haze	6
Sand storm	7
Mist or Fog	8
Thunderstorm	9

VISIBILITY

Objects not visible at

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

CLOUD FORM

Cirrus	Ci
Cirro cumulus	Cc
Cirro-stratus	Cs
Alto-stratus	As
Alto-cumulus	Ac
Strato cumulus	Sc
Stratus	St
Nimbus	Nb
Nimbo-stratus	Ns
Cumulus	Cu
Cumulo-nimbus	Cb

PAST WEATHER

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

Hours are Egyptian Standard Time Long. 30° E and are two hours fast on Greenwich Mean Time.

Remarks

ANNUAL SUBSCRIPTION
Inland Post ... P.T. 100
Abroad ... P.T. 150