QC
991
E3
D3
1937
(Jul-Dec)

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩٣٧-٧-١ Pressure and [redacted]

Hours of sunrise 04 h. 58 m.
sunset 19 h. 00 m.

Month July 1937 ١٩٣٧ شهر يوليه

At 14h. on 30.6 ٣٠/٦ الساعة ١٤ يوم — At 8h. on Thursday 1st الساعة ٨ يوم الخميس أول

No.	Station	14h Bar. Pressure 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	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.
30	…M	1014.3	NNE	2	27.6	50	0	8	1011.4	+0.1	WSW	2	26.4	32	—	18	—	36	—	0	7	—	0	0	105	—
31	…ÛH	1013.1	NNW	3	27.0	71	0	6	1010.6	-0.8	WNW	[illegible]	25.3	27	-1	18	-2	48	-29	0	6	—	0	0	182	158
50	…ILA	1013.2	NW	4	27.0	69	0	—	1010.8	—	WNW	2	25.3	27	—	23	—	81	—	0	8	—	0	0	—	—
32	…EXANDRIA	1012.2	NW	4	27.7	70	0	9	1010.2	-0.5	N	1	24.8	29	-1	23	+1	87	+12	1	9	Cu	0	0	167	190
59	…MIETTA								1009.5	—	WSW	1	25.5	34	—	20	—	83	—	3	7	Cu	1	0	75	116
34	…RT SAÏD	1011.6	NW	4	29.3	66	0	8	1009.5	+0.1	SW	2	25.6	30	0	22	0	80	+11	0	7	—	1	0	38	82
35	…ARÎSH	1010.4	NNW	2	28.0	77	0	7	1010.0		NSW	2	27.4	29	—	19	—	61	—	0	6	—	0	0		
36	…MANHÛR								1010.4	-0.1	NNW	2	26.8	34	+1	19	0	76	+12	0	7	Ci	0	0	78	110
37	…NSÛRA								1009.4	—	SW	1	25.6	37	+2	17	-1	75	+5	0	8	—	0	0	45	57
38	…TA	1011.0	NNW	2	34.5	37	0	7	1010.2	-0.7	SW	2	25.0	36	0	18	-2	80	+14	3	6	Cu	2	0	54	48
39	…ÂZÎG	1011.0	NNW	2	34.9	32	0	8	1010.4	—	NNW	1	23.3	35	0	19	0	70	+20	1	8	Cs	1	0	20	28
41	…ALMÂZA	1010.3	NE	6	35.3	26	0	8	1010.8	—	NNW	2	25.3	36	—	18	—	74	—	2	8	St	2	0	—	—
	…EZBEKÎYA	1009.8	N	3	30.2	49	0	9	1009.9	-0.1	NNW	1	26.2	37	+2	21	0	69	-2	0	5	—	0	0	18	34
	…GÎZA	1010.0	N	2	35.0	31	0	7	1010.0	-0.9	N	1	24.2	36	+1	18	0	80	+10	1	6	St	1	0	16	31
43	…WÂN	1009.6	N	4	35.3	17	0	7	1009.8	-0.8	NW	2	25.5	36	+1	19	-1	48	-13	0	9	—	0	0	17	35
44	…Z.								1010.0	+0.7	N	1	26.2	36	0	23	+1	83	+10	0	6	—	0	0	13	26
153	…YÛM	—	NNW	3	35.0	—	0	8	1010.0	+0.7	N	3	25.7	39	+2	20	0	56	-5	0	8	—	0	0	6	11
154	…YA	1009.6	NNW	2	35.5	31	0	7	1009.0	-0.6	NNW	1	29.0	36	-1	22	+1	49	-13	0	8	—	0	0	16	—
155	…ÛT	1009.0	WSW	3	34.0	33	0	8	1008.7	-0.7	WSW	3	28.0	37	0	21	-2	44	-2	0	8	—	0	0	[illegible]	5
156	…A	1007.1	WNW	3	38.5	18	0	8	1007.8	+0.3	WNW	1	29.1	39	-2	23	-1	39	0	0	8	—	0	0	[illegible]	—
157	…OR	1007.1	WNW	3	38.8	39	0	8	1007.2	—	—	0	33.9	40	—	21	—	46	—	0	8	—	0	0	[illegible]	—
158	…ÂN	1005.4	NW	3	39.3	22	0	8	1006.4	-1.3	N	1	31.2	40	-2	25	-1	31	0	0	8	—	0	0	1	—
148	…	1011.9	—	0	34.7	38	0	6	1010.7	-0.7	—	0	27.6	38	+1	18	-2	83	+23	0	6	—	0	0	29	7
149	…ARÎYA	1011.8	NE	1	35.7	29	0	9	1010.2	—	NNE	1	29.1	35	—	19	—	42	—	0	9	—	0	0	26	—
151	…RGA	1007.8	N	3	37.3	29	0	9	1008.6	+0.1	N	4	30.3	38	-2	23	0	53	+11	0	9	—	0	0	0	0
152	…HLA	1010.0	NNW	3	35.3	15	0	8	1009.9	+0.3	WSW	1	28.9	37	-3	20	-3	41	+9	0	7	—	0	0	[illegible]	—
145	…								1006.8	0.0	NW	4	26.5	31	-3	25	+1	77	+3	0	6	—	0	0	14	14
146	…GHÂDA								1007.4	+0.1	NNW	2	30.0	32	-3	24	0	43	-8	0	7	—	0	0	[illegible]	0
147	…EIR	1008.2	N	3	31.1	57	0	6	1007.4	+0.3	NNW	2	31.3	33	-1	25	-1	56	+9	0	6	—	0	0	1	7
169	…SUDAN								1006.8	+1.4	W	3	—	—	—	—	—	—	—	1	—	—	0	[illegible]	42	109
165	…HALFA								1009.3	+1.2	NNE	2	28.0	40	-1	23	0	33	-12	0	8	—	0	—	—	—
166	…IMA								1008.1	+0.1	SSW	5	31.2	42	+1	25	-1	22	0	0	7	—	0	—	1	4
167	…RA								1009.3	+2.2	SSW	2	31.3	40	-2	26	0	21	-3	0	—	—	0	0	5	11
168	…TÛM								1009.0	-0.4	S	3	27.3	37	-3	23	-3	63	+16	1	8	Ac	0	4	39	16
170	…ALA								1012.2	+1.8	S	3	26.0	35	-4	22	-2	69	+13	2	8	Ac	0	0	41	56
171	…MEDANI								1011.6	+2.0	SSW	4	26.0	34	-4	22	-1	62	+3	2	—	—	0	0	122	66
173	…M								1011.2	+1.3	NE	3	27.2	34	-4	23	0	65	+10	2	—	—	0	0	47	48
182																										
172	…RES								1012.3	+0.7	SSW	2	22.9	29	-4	20	-1	87	+15	3	—	—	2	[illegible]	205	227
174	…EID								1011.2	0.0	SSW	3	25.0	33	-3	21	-1	76	-11	1	8	Sc	6	14	88	67
175	…SHER								—	—	SW	2	26.0	38	+1	23	+1	47	-9	1	—	—	0	0	22	33
176	…ÂL								1012.7	-0.1	ESE	2	23.0	32	0	20	-1	83	+3	4	8	Sc	8	1	290	358
177									1012.4	+1.3	NE	1	25.0	32	-1	23	-3	85	+5	1	—	—	0	0	510	548
178									1015.9	+3.2	SE	5	22.2	31	-1	20	0	91	+6	4	7	Cu	1	[illegible]	706	551
179 / 180	…na / …labat								—	—	S	2	27.2	32	—	20	—	82	—	4	8	Sc	2	28	—	—

Upper Wind Observations on 1st

ارصاد الرياح العليا يوم ١

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 07h.00m. 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 06h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Salum 30th 13h.00m. Dir.	Kms	Almaza 30th 12h.30m. Dir.	Kms
270	5	340	6	320	8	0	5	330	16	—	—	—	—	20	18	—	—	—	—	—	—	—	—	—	—	40	40	40	20
—	—	20	10	20	24	40	7	60	6	20	36	20	7	20	27	210	56	170	13	200	31	—	—	260	13	—	—	20	11
230	5	80	10	70	10	20	8	20	12	0	38	320	7	20	19	210	19	200	27	210	55	240	47	240	19	270	16	40	12
330	26	10	13	30	14			40	16	330	41	330	10	290	19	50	27	210	23	210	56	220	27	250	10	360	11	50	19
350	22	10	18	10	22			10	25			320	10	270	24	30	21	140	5	330	24	60	14	270	23			20	16
10	11	10	36	0	37			0	30							290	8	50	5			40	26	300	27				
								10	43																				
								20	26																				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

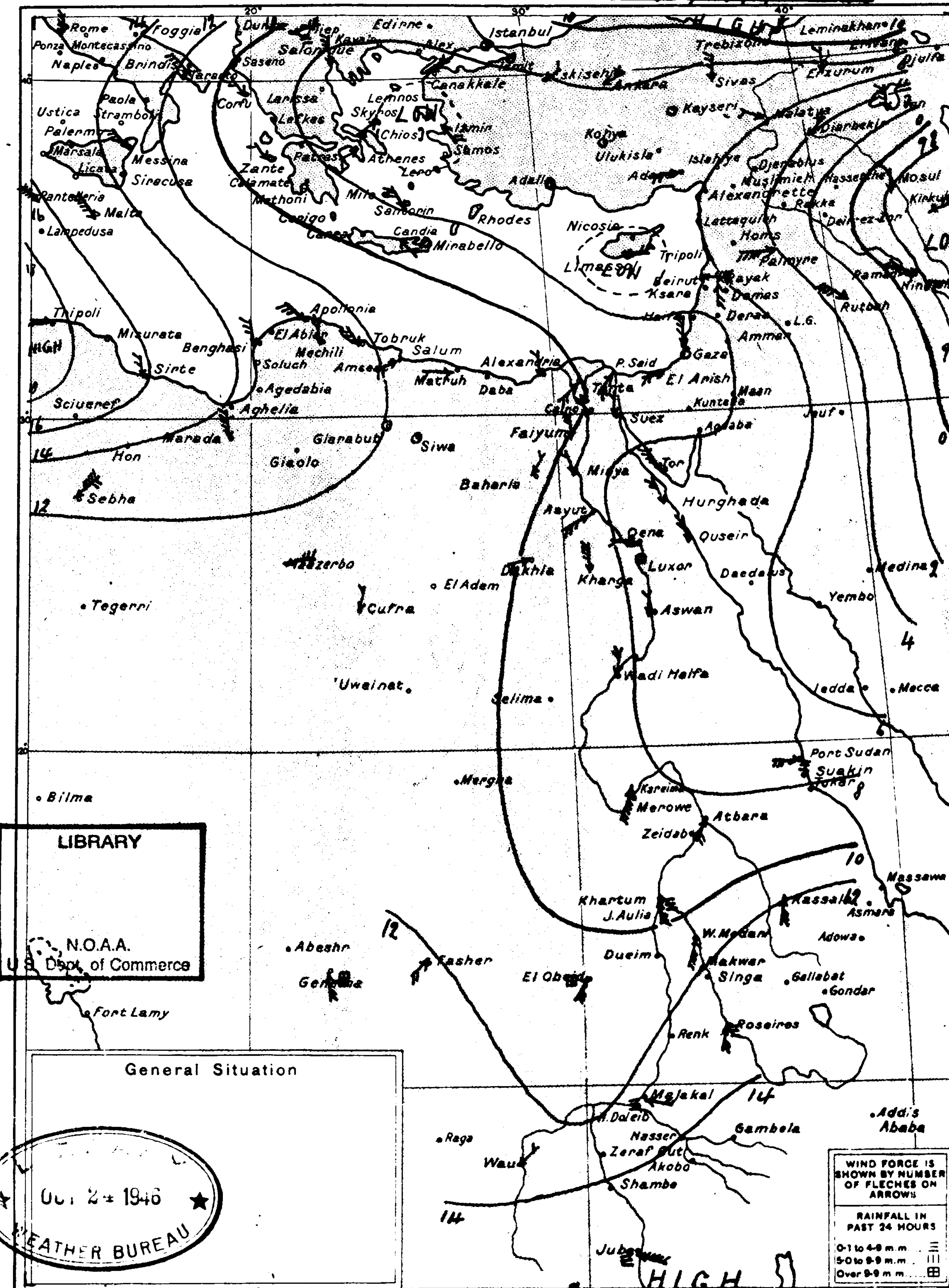
Station	Mean of day Humidity % on 30.6	Diff. from normal	Wet bulb temp. °C on 30.6	Diff. from normal
Alexandria	75	+2	22.5	+1.1
Ezbekiya	56	-1	22.5	+0.5
Gîza	61	+4	21.8	+0.6
Helwân	43	0	17.8	+1.1

Gîza Grass minimum on 1st 13.4 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
1.7	1342	1464
30.6	1344	1462

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Jûba	30.6	14.14	+0.62	14.24	+1.02
Nâsser	30.6	8.36	+0.30	8.33	+0.30
Malakâl	1.7	11.12	+0.01	11.10	+0.01
Roseires	1.7	14.39	+0.24	14.18	+0.13
Sennâr Res.	30.6	7.15	—	7.08	—
Khartûm	30.6	4.38	-0.05	4.20	-0.19
Kh. el Girba	30.6	11.93	+0.15	11.80	+0.09
'Atbara	30.6	10.48	-0.25	10.46	-0.23
Kajnarti	30.6	182.54	-0.23	182.50	-0.20
Wâdi Halfa	1.7	1.92	+0.07	1.89	+0.06
Aswân Res.	1.7	104.57	—	104.59	—
,, D. S.	1.7	86.39	-0.18	86.39	-0.16
El Leisi	1.7	17.86	+0.58	17.86	+0.59
Rôda (Cairo)	1.7	15.79	+0.20	15.79	+0.20



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OCT 24 1946
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	36-44	6
Very strong	45-54	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 ,,
10 ,,
20 ,,
50 ,,
Visible over 50 kms.

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 30.6.1937 الساعة ٨ يوم ٣٠-٦-١٩٣٧

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
Limassol	1008	-1	N	4	24	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.7	+3.5	NNW	2	28.2	29	-1	24	+3	80	+12	0	—	—	0	0	360	647	حيفا
Gaza	1011.1	+3.6	—	0	26.6	—	—	20	+1	74	+3	0	7	—	0	0	395	376	غزة
Zagazig	1012.8	—	WNW	1	24.4	32	-3	18	-1	80	+10	0	8	Ci	1	0	20	28	الزقازيق

Remarks

ANNUAL SUBSCRIPTION

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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

CAIRO
Time of sunrise 4h 58m
sunset 7h 03m

Month *July* 1937 ١٩٣٧ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 1st — الساعة ١٤ يوم ١ ; At 8h. on *Friday 2nd* — الساعة ٨ يوم الجمعة ٢

		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.m.	Total 1st Oct. to yesterday m.m.	Normal 1st Oct. to yesterday m.m.
	MEDITERRANEAN	ALÛM	1011.0	NNE	5	28.8	68	0	8	1011.1	-0.2	NNW	4	24.0	33	—	20	—	69	—	1	7	Cu	1	0	105	—
		ATRÛH	1009.9	N	2	27.9	51	0	6	1010.8	-0.5	NNW	3	24.8	28	0	22	+2	71	-6	3	6	Sc	2	0	182	158
		DIKHEILA								1009.2	—	NNW	4	25.0	28	—	19	—	80	—	3	8	Sc	0	0	—	—
132		ALEXANDRIA	1009.3	NW	4	28.8	72	0	9	1008.6	-2.0	NW	3	25.2	30	0	23	+1	81	+6	2	9	Cu	2	0	167	190
158		DAMIETTA								1007.2	—	NW	1	28.9	35	—	20	—	68	—	0	8	—	0	0	75	116
134		PORT SAÏD	1008.2	NNW	3	29.6	69	0	7	1007.6	-1.7	NNW	2	27.3	31	+1	23	+1	70	+1	0	7	—	0	0	38	82
135		EL 'ARÎSH	1007.5	NNW	3	28.2	77	0	7	1007.0	—	—	0	28.2	29	—	20	—	69	—	0	7	—	0	0	—	—
136	R EGYPT	DAMANHÛR								1008.3	-2.1	NW	2	27.8	35	+2	19	0	63	-1	0	8	—	0	0	78	110
137		MANSÛRA								1007.5	—	NNE	2	27.1	37	+2	19	-1	64	-7	0	8	—	0	0	45	57
		TANTA	1008.0	NNW	2	33.0	39	0	7	1008.3	-2.5	—	0	26.0	36	0	17	-3	69	+2	0	7	—	0	0	54	48
		ÂZÎG	1008.0	NNW	2	35.1	32	0	8	1008.3	—	NNW	1	27.8	36	+1	18	-1	58	-13	0	8	—	0	0	20	28
	MIDDLE	ALMÂZA	1008.2	NNW	2	35.6	26	0	8	1008.4	—	NW	2	26.1	36	—	18	—	59	—	0	8	—	1	0	—	—
		EZBEKÎYA	1007.2	NNW	1	30.0	44	0	9	1007.8	-2.1	NW	1	27.8	37	+2	21	0	56	-15	0	5	—	0	0	18	34
		GÎZA	1007.1	NNE	1	36.7	30	0	7	1008.0	-2.8	NNE	1	25.8	37	+2	18	0	65	-5	0	6	—	0	0	16	31
143		HELWÂN	1007.0	NNE	3	35.0	16	0	7	1007.4	-3.1	NW	2	26.0	36	+1	21	0	39	-23	0	5	Ci	0	0	17	35
144		SUEZ								1007.9	-1.3	N	1	27.0	37	+1	22	0	83	+10	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1007.8	NNW	2	35.8	18	0	8	1007.4	-3.2	N	3	28.3	38	+1	19	-1	40	-21	0	8	—	0	0	6	11
154		MINYA	1007.2	N	2	36.0	28	0	7	1007.0	-2.5	NNE	1	28.0	37	0	21	0	43	-19	0	7	—	0	0	16	—
155		ASYÛT	1005.9	W	3	36.2	20	0	8	1006.6	-2.7	WSW	2	27.6	38	+1	22	-1	50	+4	0	7	—	0	0	dr	5
156		QENA	1004.7	SSE	2	39.3	22	0	9	1005.5	-1.9	WNW	1	28.8	40	-1	23	-1	41	+1	0	8	—	0	0	dr	—
157		LUXOR	1004.7	WSW	2	40.4	38	0	8	1005.1	—	NNW	1	31.9	42	—	21	—	46	—	0	8	—	0	0	dr	—
158		ASWÂN	1003.0	NW	1	40.0	18	0	8	1004.3	-3.4	N	2	32.5	41	-1	25	-1	27	-4	1	8	Ci	1	0	1	—
148	WESTERN DESERT	SÎWA	1010.0	N	1	37.4	30	0	6	1010.6	-0.8	NE	2	26.9	40	+3	21	+1	72	+12	0	6	—	0	0	29	7
149		BAHARÎYA	1008.2	NNE	1	37.0	23	0	9	1008.3	—	ENE	1	29.1	38	—	20	—	41	—	0	9	—	0	0	26	—
151		KHÂRGA	1005.6	N	4	38.3	35	0	9	1006.2	-2.2	N	2	31.0	40	0	22	-1	44	+2	0	9	—	0	0	0	0
152		DÂKHLA	1011.1	NNW	4	37.2	15	0	8	1007.5	-2.0	NW	2	29.9	38	-2	22	-1	20	-12	0	7	—	0	0	dr	—
145	RED SEA	TÔR								1005.8	-0.9	NW	4	26.5	33	-1	23	-1	73	-1	0	6	—	0	0	14	14
146		HURGHÂDA								1006.6	-0.7	NNW	2	30.0	33	-2	23	-1	39	-13	0	6	—	0	0	dr	0
147		QUSEIR	1006.3	N	3	31.9	52	0	6	1005.6	-1.4	NNW	1	32.2	34	0	25	-1	42	-5	0	6	—	0	0	1	7
169		PORT SUDAN								1005.1	-0.2	N	1	—	—	—	—	—	—	—	1	—	—	0	0	42	109
165	NORTH SUDAN	WÂDI HALFA								1007.5	-0.6	—	0	28.0	39	-2	21	-2	30	+8	3	8	Cs	1	—	—	—
166		KAREIMA								1006.0	-2.0	NE	2	32.0	42	-1	27	+1	24	+2	2	7	Ci	0	0	1	4
167		'ATBARA								1006.6	-0.5	SSW	4	33.0	40	-2	27	+1	19	-5	0	—	—	0	0	5	12
168		KHARTÛM								1007.6	-1.0	S	4	30.4	38	-2	26	0	47	0	2	7	Ci	0	0	39	18
170		KASSALA								1009.0	-1.4	S	5	28.4	34	-3	24	0	57	+1	3	8	Sc	1	dr	86	59
171	CENTRAL SUDAN	WAD MEDANI								1009.3	-0.3	SSW	4	27.8	36	-2	22	-1	70	+10	3	—	—	1	14	136	70
173		DUEIM								1009.3	-0.6	S	3	28.0	38	0	23	0	56	0	3	—	—	0	0	47	51
		RENK																									
172		ROSEIRES								1010.6	-1.1	NNW	2	25.5	34	+1	22	+1	69	-3	2	—	—	1	dr	205	233
174		EL OBEID								1009.9	-1.3	S	4	25.4	35	-1	25?	+3	76	+11	4	8	Ac, As	1	0	88	70
175		EL FÂSHER								—	—	S	1	28.0	37	0	23	+1	56	0	0	—	—	0	0	22	36
176	S. SUDAN	MALAKÂL								1011.6	-0.7	S	3	22.8	30	-2	21	0	83	+2	3	8	Ac	2	0	290	364
177		WÂU								1011.2	0.0	SW	1	22.5	31	-2	20	0	42	+12	3	—	—	8	20	530	554
178		JÛBA								1012.4	+1.7	SE	3	21.9	30	-2	20	0	82	-3	4	7	Sc	1	0	706	555
179		Geneina								—	—	SW	2	22.0	32	—	20	—	66	—	2	8	Ac	2	dr	—	—
180		Gallabat																									

Upper Wind Observations on — ارصاد الرياح العليا يوم

Height metres above M.S.L.	Dekheila 7h.30m. 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 07h.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	Salum 1/7 13h.00m. Dir. E. of N.	Kms per hour	Nimasel 1-7 12h.15m. Dir. E. of N.	Kms per hour	h. m. Dir.	Kms	h. m. Dir.	Kms	h. m. Dir.	Kms	h. m. Dir.	Kms	h. m. Dir.	Kms
200	340	26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	15	320	16										
00	320	20	20	32	310	31	180	60	190	35	—	—	200	24	—	—	330	20	330	9										
0	40	12	10	26	20	31	210	92	200	47	210	53	210	32	—	—	300	26	350	12										
0	350	9	330	18	340	27	230	126	210	37	210	18	210	21	240	32	240	33	20	31										
00	300	17	320	5	320	11	190	47	200	24	310	5	230	16	280	40			10	26										
3000	220	7	80	5	240	2	90	21	30	18	0	14			240	53			330	60										
4000			350	14							—	31																		
5000			280	8							230	2																		
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 8h	Diff. from normal	Wet Bulb Temp. °C on 8h	Diff. from normal
Alexandria	79	+6	22.4	+0.9
Ezbekiya	53	-4	22.6	+0.6
Giza	61	+4	22.3	+1.1
Helwân	36	-8	19.2	+0.4

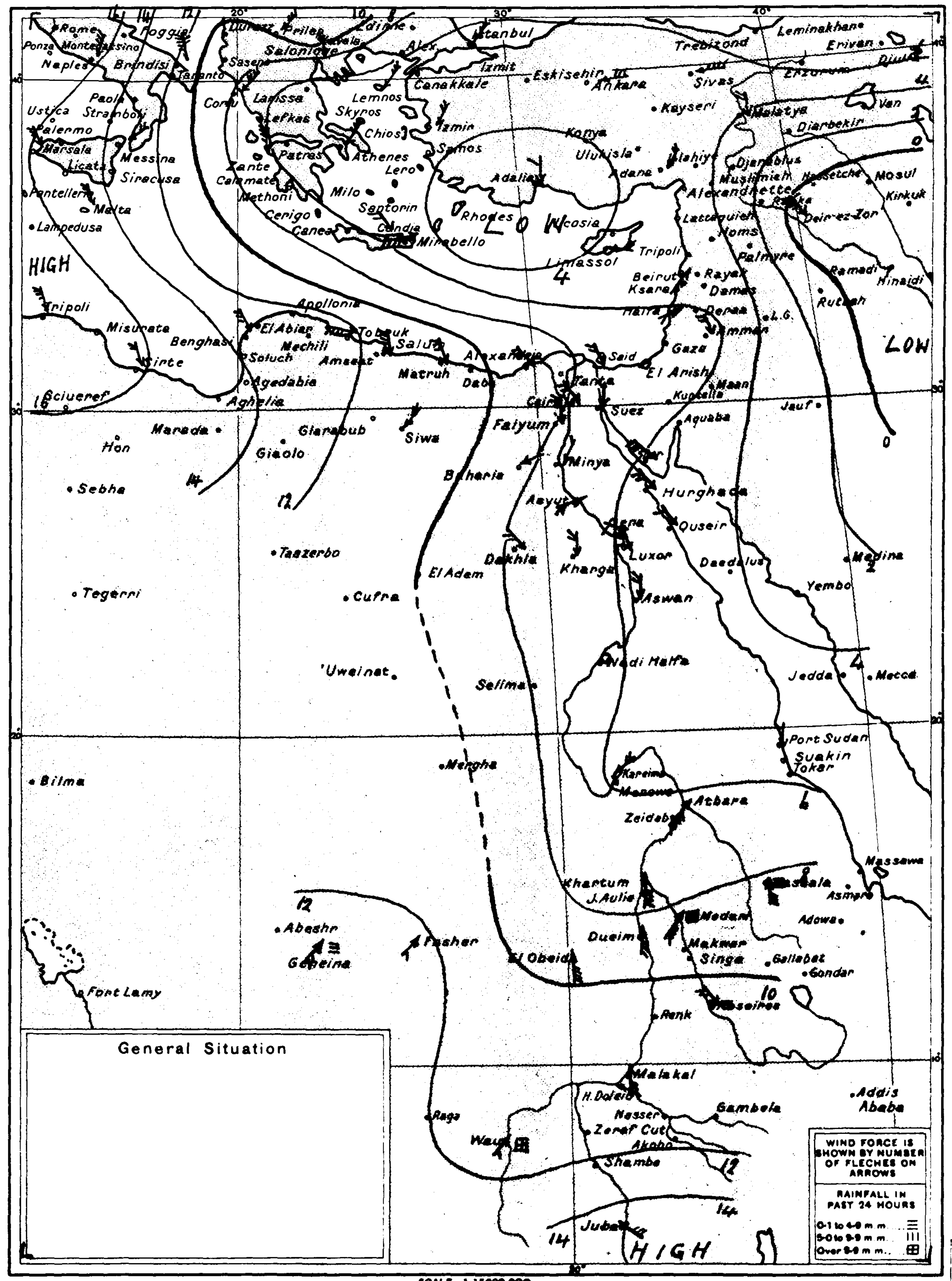
Gîza Grass minimum on 2nd 13.8 °C

Discharges at Aswân measured by sluices m^3 per sec

DATE	1937	1936
2.7	1343	1462
1.7	1342	1464

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Jûba	2.7	14.12	+0.59	14.02	+0.49
Nâsser	2.7	8.37	-0.26	8.31	-0.28
Malakâl	2.7	11.12	-0.01	11.12	+0.01
Roseires	2.7	14.75	+0.52	14.39	+0.24
Sennâr Res.	2.7	7.24	—	7.07	
Khartûm	2.7	11.50	-0.05	11.50	+0.01
Kh. el Girba	2.7	12.46	+0.59	13.10	+1.28
'Atbara	2.7	10.56	-0.26	10.50	-0.29
Kajnarti	2.7	132.63	-0.26	132.58	-0.24
Wâdi Halfa	2.7	1.95	+0.06	1.92	+0.07
Aswân Res.	2.7	103.91	—	104.27	—
,, D. S.	2.7	86.39	-0.20	86.39	-0.18
El Leisi	2.7	17.86	+0.67	17.86	+0.58
Rôda (Cairo)	2.7	15.79	+0.19	15.79	+0.20

Pressure and Wind at 8h. *2-7-1937* ١٩٣٧-٧-٢



SCALE 1:15000,000

General Situation

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.

At 8h. on *1-7-37* — الساعة ٨ يوم ١-٧-١٩٣٧

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 1st Oct. to yesterday m.m.	Normal 1st Oct. to yesterday m.m.	مرصد
Limasol	1007	-2	E	2	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.6	+1.6	SSW	1	28.4	30	0	19	-2	78	+9	0	—	—	—	0	365	647	حيفا
Gaza	1009.6	+2.1	—	0	26.1	34	+4	21	+2	75	+4	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 59

sunset h. m. 19 00

Month July 1937 ١٩٣٧ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-٧-٣ Pressure and Wind at 8 h. 3-7-1937

1417 F.C.

	STATION	At 14h. on 2nd الساعة ١٤ يوم: Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
	MEDITERRANEAN							
	SALŪM	1010.7	NE	4	25.0	74	2	8
	MATRŪH	1009.6	NW	4	26.1	62	0	6
	DIKHEILA							
	ALEXANDRIA	1008.8	NNW	4	28.1	68	2	8
159	DAMIETTA							
134	PORT SAÏD	1007.8	NNW	4	29.9	62	0	7
135	EL 'ARÎSH	1006.7	NNW	4	28.8	66	0	7
	LOWER EGYPT							
136	DAMANHŪR							
137	MANSŪRA							
138	TANTA	1007.5	N	2	31.3	39	0	7
	ZAGĀZĪG	1007.1	NNW	1	35.2	29	0	8
	MIDDLE EGYPT — CAIRO							
	ALMĀZA							
	EZBEKĪYA	1006.6	NNW	2	35.7	31	0	8
	GĪZA	1006.4	NNE	2	35.6	28	0	6
	HELWĀN							
144	SUEZ							
	UPPER EGYPT							
153	FAIYŪM	1006.7	N	4	35.6	21	0	8
154	MINYA	1005.5	N	3	36.8	21	0	8
155	ASYŪT	1005.0	NNW	2	36.0	25	0	8
156	QENA	1003.8	N	1	40.3	18	0	9
157	LUXOR	1003.2	—	0	41.1	36	0	8
158	ASWĀN	1001.8	—	0	41.8	23	1	8
	WESTERN DESERT							
148	SĪWA	1008.3	NW	1	34.7	43	0	6
149	BAHARĪYA	1007.1	N	3	37.0	29	0	9
151	KHĀRGA	1003.8	N	1	38.8	35	0	9
152	DĀKHLA	1005.3	N	4	38.7	16	0	8
	RED SEA							
145	TŌR							
146	HURGHĀDA							
147	QUSEIR	1006.0	N	2	32.0	28	0	6
169	PORT SUDAN							
	NORTH SUDAN							
165	WĀDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTŪM							
170	KASSALA							
	CENTRAL SUDAN							
171	WAD MEDANI							
173	DUEIM							
	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
	S. SUDAN							
176	MALAKĀL							
177	WĀU							
178	JŪBA							
179	Geneina							
180	Gallabat							

	STATION	At 8h. on Saturday 3rd السبت ٣ يوم 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 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																		
	SALŪM	1012.8	+1.6	NNW	3	23.4	27	—	19	—	73	—	2	7	Cu	1	0	105	—
	MATRŪH	1011.5	+0.3	NNW	4	25.1	27	-1	24	+4	67	-10	2	6	Sc	1	0	188	158
	DIKHEILA							—		—		—							—
	ALEXANDRIA	1011.4	+0.9	N	2	24.6	29	-1	23	+1	77	+2	2	9	Cu	2	0	167	190
159	DAMIETTA	1010.8	—	NNW	1	27.4	32	—	22	—	68	—	1	8	Cu	1	0	75	116
134	PORT SAÏD	1010.7	+1.5	SE	2	26.5	31	+1	24	+2	68	-2	1	7	Cc	1	0	38	82
135	EL 'ARÎSH	1010.2	—	NNE	1	27.0	29	—	24	—	71	—	2	7	Cu	1	0	—	—
	LOWER EGYPT																		
136	DAMANHŪR	1011.2	+0.9	N	2	26.8	32	-1	20	+1	64	0	2	7	Cu	0	0	78	110
137	MANSŪRA	1010.7	—	N	2	26.0	35	0	22	+2	66	-5	1	7	Cs	1	0	45	57
138	TANTA	1011.0	+0.3	NNE	2	25.5	34	-2	17	-3	72	+5	2	6	Cu	1	0	54	48
	ZAGĀZĪG	1011.1	—	NNE	1	26.0	35	0	20	+1	69	-2	0	8	—	0	0	20	28
	MIDDLE EGYPT — CAIRO																		
	ALMĀZA							—		—		—							—
	EZBEKĪYA	1010.2	+0.4	NNE	2	26.7	39	+4	22	+1	70	-1	0	6	—	0	0	18	34
	GĪZA	1010.6	-0.1	NNE	2	25.4	36	+1	21	+2	74	+4	1	6	Cu	0	0	16	31
	HELWĀN	1010.0	-0.5	NNE	3	26.0	37	+2	21	0	57	-5	0	6	—	0	0	17	35
144	SUEZ	1010.8	+1.6	N	2	26.9	37	+1	23	0	82	+9	0	6	—	0	0	13	26
	UPPER EGYPT																		
153	FAIYŪM	1010.0	-0.5	NNE	4	26.2	37	0	22	+1	64	+2	0	6	—	0	0	6	11
154	MINYA	1008.7	-0.8	NNE	2	27.4	38	+1	22	+1	59	-3	0	7	—	0	0	16	—
155	ASYŪT	1008.0	-1.2	WSW	3	27.5	39	+2	23	0	67	+11	0	7	—	0	0	dr.	5
156	QENA	1006.0	-1.3	N	1	30.5	41	0	23	-1	45	+5	0	8	—	0	0	dr.	—
157	LUXOR	1006.3	—	NNW	2	33.1	43	—	21	—	45	—	0	8	St	0	0	dr.	—
158	ASWĀN	—	—	N	1	33.5	44	+2	26	0	33	+2	0	8	—	0	0	1	—
	WESTERN DESERT																		
148	SĪWA	1011.9	+0.6	—	0	26.9	38	+1	21	+1	70	+10	0	6	—	0	0	29	7
149	BAHARĪYA	1010.7	—	NNE	2	27.1	38	—	21	—	57	—	0	9	—	0	0	26	—
151	KHĀRGA	1007.5	-0.9	N	3	30.3	42	+2	26	+3	62	+20	0	9	—	0	0	0	0
152	DĀKHLA	1008.3	-1.2	SW	1	30.2	40	0	27	+4	45	+13	0	6	—	0	0	dr.	—
	RED SEA																		
145	TŌR	1007.0	+0.4	NW	4	26.5	35	+1	22	-2	77	+3	0	6	—	0	0	14	14
146	HURGHĀDA	1006.6	-0.6	NNW	3	29.5	36	+1	24	0	60	+8	0	5	—	0	0	dr.	0
147	QUSEIR	1006.8	-0.2	N	2	31.1	34	0	26	0	52	+5	0	6	—	0	0	1	7
169	PORT SUDAN	1005.1	-0.1	N	1	—	—	—	—	—	—	—	1	—	—	0	dr.	42	110
	NORTH SUDAN																		
165	WĀDI HALFA	1007.1	-0.9	NW	2	27.2	40	-1	21	-2	37	+15	0	8	Cu	0	—	—	—
166	KAREIMA	1006.3	-1.7	SW	2	30.0	42	-1	23	-3	28	+6	0	8	—	0	0	1	5
167	'ATBARA	1007.5	+0.3	SW	3	31.3	41	-1	26	0	24	-1	0	—	—	0	0	5	12
168	KHARTŪM	1009.0	+0.4	S	4	27.6	39	-1	23	-3	57	+9	1	7	Ac	0	0	39	19
170	KASSALA	1009.3	-1.2	S	3	25.6	35	-2	23	-1	69	+12	3	8	Ac	1	0	86	82
	CENTRAL SUDAN																		
171	WAD MEDANI	1009.9	+0.2	SSE	3	25.0	34	-4	21	-2	80	+19	3	—	—	0	1	137	74
173	DUEIM	1009.6	-0.4	SE	3	26.2	36	-2	24	+1	71	+15	4	—	—	1	0	47	54
	RENK							—		—		—							
172	ROSEIRES	1010.8	-0.9	SSW	2	23.4	33	0	21	0	90	+17	5	—	—	6	21	226	239
174	EL OBEID	1009.9	-1.3	SSW	3	25.3	33	-3	23	+1	73	+6	4	8	Sc	1	0	88	79
175	EL FÂSHER	—	—	S	3	25.0	38	+1	22	0	64	+7	0	—	—	0	0	22	40
	S. SUDAN																		
176	MALAKĀL	1011.5	-0.9	SSW	3	25.0	32	0	23	+2	76	-5	4	8	Cu	2	1	291	370
177	WĀU	1011.8	+0.6	S	1	22.0	30	-3	20	0	89	+9	—	2	—	0	0	530	561
178	JŪBA	1013.9	+1.2	SW	3	22.2	32	0	20	0	91	+6	4	7	Cu	8	Cu.	706	560
179	Geneina	—	—	NE	2	23.2	35	—	20	—	74	—	3	8	St, Ac	0	0	—	—
180	Gallabat																		

Upper Wind Observations on 3-7-37 ١٩٣٧-٧-٣ يوم ارصاد الرياح العليا

Height metres above M.S.L.	Salum 07h00m Dir. E of N	Salum Kms per hour	Matruh 07h00m Dir. E of N	Matruh Kms per hour	Cairo 08h00m Dir. E of N	Cairo Kms per hour	Helwan 08h45m Dir. E of N	Helwan Kms per hour	Asyut 07h00m Dir. E of N	Asyut Kms per hour	Aswan 07h00m Dir. E of N	Aswan Kms per hour	Kareima 05h00m Dir. E of N	Kareima Kms per hour	Khartum 05h00m Dir. E of N	Khartum Kms per hour	Kassala 07h00m Dir. E of N	Kassala Kms per hour	El obeid 06h00m Dir. E of N	El obeid Kms per hour	Malakal 06h00m Dir. E of N	Malakal Kms per hour	Ismailia 07h00m Dir. E of N	Ismailia Kms per hour	Abu Kir 07h00m Dir. E of N	Abu Kir Kms per hour	Heliopolis 07h00m Dir. E of N	Heliopolis Kms per hour	Almaza 12h45m Dir. E of N	Almaza Kms per hour
200	320	13	320	20	20	16	30	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30	18	330	14	40	27	340	15
500	330	26	320	19	40	31	30	17	50	28	50	20	30	14	190	34	180	24	—	—	180	16	350	18	330	14	20	34	20	14
1000	350	22	320	14	350	31	0	35	10	25	120	25	10	23	190	27	210	31	190	47	190	29	330	26	320	21	350	42	30	18
2000	300	36			350	19	330	110	340	9			10	21	200	21	190	21	230	24	210	18	340	19			0	21	40	23
3000							270	18	340	4			350	14	210	24	120	5			190	10	340	19					40	17
4000													220	9			20	10			120	5	180	31						
																					80	13	200	24						
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المتوقع في ٢٤ ساعة من

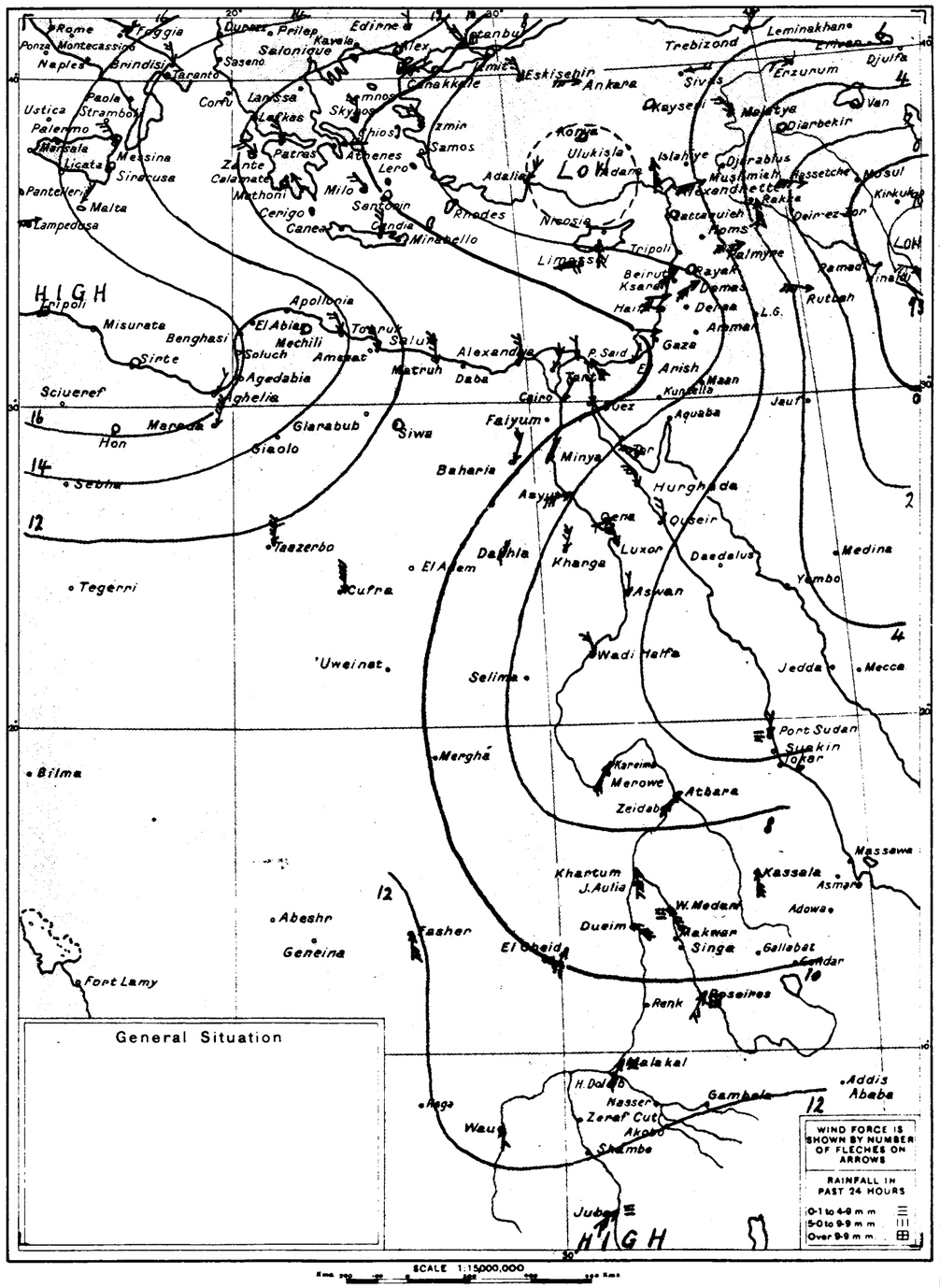
STATION	Mean of day HUMIDITY % on 2nd	Diff. from normal	WET BULB TEMP. °C on 2nd	Diff. from normal
Alexandria	79	+6	22.9	+1.3
Ezbekiya	56	-1	22.7	+0.7
Gīza	57	0	21.9	+0.6
Helwān	40	-4	19.7	+0.9

Gīza Grass minimum on 3rd 18.4 °C

Discharges at Aswān measured by sluices m³ per sec

DATE	1937	1936
3-7	1340	1462
2-7	1343	1462

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m
Jūba	3-7	14.02	+0.48	14.12	+0.59
Nāsser	2-7	8.37	-0.26	8.81	-0.28
Malakāl	3-7	11.13	-0.02	11.12	-0.01
Roseires	3-7	14.74	+0.43	14.75	+0.52
Sennār Res	2-7	7.24	—	7.07	—
Khartūm	3-7	11.53	-0.08	11.50	-0.05
Kh. el Girba	2-7	12.46	+0.59	13.10	+1.28
Atbara	3-7	10.66	-0.20	10.56	-0.26
Kajnarti	2-7	132.63	-0.26	122.58	-0.24
Wādi Halfa	3-7	1.77	+0.03	1.95	+0.06
Aswān Res	3-7	103.56	—	103.91	—
D. S	3-7	86.38	-0.24	86.59	-0.20
El Leisi	3-7	17.88	+0.57	17.86	+0.57
Roda (Cairo)	3-7	15.79	+0.19	15.79	+0.19



STATION	At 8h. on 2-7-37 ٢-٧-٣٧ 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.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.	معد
Limasol	1005	-3	E	2	26	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.1	+0.2	NSW	1	28.4	31	+1	23	+2	71	+2	0	—	—	—	0	365	647	حيفا
Gaza	1007.8	+0.4	—	0	26.8	36	+6	19	0	71	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

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

CAIRO
Time of sunrise h. m. 04 59
sunset h. m. 19 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *July* 1937 ١٩٣٧ شهر يوليه

No.		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 Sunday 4th (الساعة ٨ يوم الأحد ٤) 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.
	MEDITE[RRANEAN]	[illegible]ÛM	1013.5	NNE	4	25.0	75	3	8	1015.9	+4.8	NNW	3	23.1	26	—	18	—	78	—	1	7	Cu	1	0	105	—
		[illegible]TRÛH	1012.3	NNW	4	26.1	63	1	6	1014.0	+2.8	WNW	2	24.2	26	-2	23	+3	69	-8	2	6	Sc	1	0	182	158
		[illegible]HEILA								1013.6	—	NNW	4	25.0	27	—	23	—	68	—	3	8	Cu	1	0	—	—
		[illegible]EXANDRIA	1011.9	NNW	4	26.8	66	0	9	1013.3	+2.9	WNW	2	24.4	28	-2	23	+1	74	-1	2	9	Cu	2	0	167	190
159		DAMIETTA								1012.4	—	NW	1	27.5	32	—	20	—	67	—	3	8	Cu	1	0	75	116
134		PORT SAÏD	1010.8	NNW	3	28.0	61	0	7	1012.2	+3.1	NW	2	25.0	30	0	23	+1	72	+2	2	7	Cu	1	0	38	82
135		EL 'ARÎSH	1009.0	NNW	3	27.0	71	0	7	1012.2	—	N	2	26.2	28	—	23	—	62	—	1	7	Cu	1	0	—	—
136	[LOWE]R EGYPT	DAMANHÛR								1013.3	+3.2	W	2	27.4	31	-2	20	+1	60	-5	2	7	Cu	0	0	78	110
137		MANSÛRA								1012.4	—	N	2	25.7	34	-1	19	-1	66	-5	1	7	Cs	1	0	45	57
		TANTA	1010.6	N	3	31.7	46	0	8	1013.3	+2.7	NW	2	25.6	32	-4	18	-2	71	+4	2	7	Cu	1	0	54	48
		[illegible]ÎG	1009.9	NNW	2	32.3	38	0	8	1013.6	—	WNW	1	24.4	32	-3	18	-1	72	+1	1	8	Ci	1	0	20	28
	MIDDLE EGYPT	[illegible]MÂZA								1013.3	—	NE	2	24.1	36	—	—	—	74	—	2	8	Sc	1	0	—	—
		[illegible]ZBEKÎYA	1009.5	N	3	33.5	39	0	9	1012.7	+3.0	NE	2	26.4	35	0	21	0	64	-8	1	5	Cu	0	0	18	34
		GÎZA	1009.6	NNW	3	34.3	34	0	7	1013.0	+2.4	NNE	1	24.5	35	0	17	-2	67	-4	2	7	Cu	1	0	16	31
143		HELWÂN	1009.0	NW	4	33.0	30	0	6	1012.7	+2.3	N	3	24.2	33	-2	20	-1	54	-9	1	6	Cu	0	0	17	35
144		SUEZ								1012.7	+3.6	N	1	26.0	35	-1	22	-1	85	+12	1	6	Cu	1	0	13	26
153	UPPER EGYPT	FAIYÛM	1009.3	N	3	34.2	31	0	7	1013.1	+2.7	N	4	25.0	35	-2	21	+1	62	0	1	7	Cu	1	0	6	11
154		MINYA	1007.6	N	4	35.8	29	0	6	1012.0	+2.6	N	4	26.2	36	-1	22	+1	60	-2	0	8	—	0	0	16	—
155		ASYÛT	1006.6	NW	3	38.6	15	0	8	1011.1	+1.9	NNW	3	29.5	40	+3	25	+2	40	-7	0	8	—	0	0	dr.	5
156		QENA	1005.4	NNW	1	41.8	19	0	9	1008.2	+1.0	WNW	2	30.4	42	+1	25	+1	44	+4	0	8	—	0	0	dr.	—
157		LUXOR	1011.4	WSW	2	42.2	39	3	8	1007.5	—	SE	1	34.0	44	—	24	—	49	—	2	8	Cu	1	0	dr.	—
158		ASWÂN	1002.4	N	1	43.3	14	1	8	—	—	N	2	33.9	46	+4	29	+3	31	0	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1010.8	—	0	35.0	43	0	6	1014.8	+3.5	E	1	26.4	36	-1	22	+2	72	+12	0	6	—	0	0	29	7
149		BAHARÎYA	1009.1	NNW	3	35.7	42	0	9	1013.8	—	NE	2	26.9	36	—	20	—	56	—	0	9	—	0	0	26	—
151		KHÂRGA	1005.3	SW	1	40.9	37	0	9	1009.9	+1.6	N	4	30.4	42	+2	27	+4	59	+17	0	9	—	0	0	0	0
162		DÂKHLA	1006.8	NNE	1	39.4	19	0	8	1012.0	+2.6	ENE	3	30.5	41	+1	26	+3	51	-1	0	7	—	0	0	dr.	—
145	RED SEA	TÔR								1008.7	+2.1	NW	6	26.5	33	-1	25	+1	66	-8	0	6	—	0	0	14	14
146		HURGHÂDA																									
147		QUSEIR	1006.4	N	2	31.7	35	0	6	1008.7	+1.8	NW	4	30.1	33	-1	27	+1	49	+2	0	6	—	0	0	1	7
169		PORT SUDAN								1006.0	+0.8	ENE	2	34.0	—	—	29	+2	59	+21	2	—	—	1	0	42	110
165	NORTH SUDAN	WÂDI HALFA								1008.7	+0.7	NNE	2	30.0	42	+1	24	+1	36	+14	0	7	Ci	0	—	—	—
166		KAREIMA								1007.7	-0.3	S	3	37.0	42	-1	24	-2	73	+50	1	7	Cs,Ac	0	0	1	5
167		'ATBARA								1009.1	+1.8	S	3	31.7	41	0	26	0	25	-1	0	—	—	0	0	5	13
168		KHARTÛM								1010.0	+1.4	S	3	28.1	37	-3	25	0	51	+3	3	8	As	1	0	39	21
170		KASSALA								1010.0	-0.6	S	4	26.0	34	-2	25	+1	69	+11	3	8	Fn	1	0	66	66
171	CENTRAL SUDAN	WAD MEDANI								1010.4	+0.7	SSW	2	26.0	35	-2	21	-2	62	0	2	—	—	0	0	137	77
173		DUEIM								1010.0	0.0	SE	3	28.4	37	-1	25	+2	50	-7	4	—	—	2	0	47	57
182		RENK																									
172		ROSEIRES								1011.1	-0.6	SSE	2	24.6	34	+1	21	0	81	+8	2	—	—	2	33	259	245
174		EL OBEID								1010.3	-1.0	S	4	27.0	35	-1	25	+3	63	-3	4	8	Ac	0	0	88	76
175		EL FÂSHER								—	—	SW	1	28.5	37	0	24	+2	52	-5	0	—	—	0	0	22	43
176	S. SUDAN	MALAKÂL								1011.1	-1.3	SE	2	24.0	32	0	20	-1	83	+2	2	8	Ac	1	1	292	316
177		WÂU								1011.2	0.0	SW	2	25.0	33	+1	22	+2	87	+6	1	—	—	0	0	530	567
178		JÛBA								1013.6	+0.9	SE	3	24.0	33	+1	21	+1	83	-2	1	8	Sc	1	0	706	564
179		Geneina								—	—	S	1	23.3	35	—	22	—	74	—	3	8	Ac	2	0	—	—
180		Gallabat																									

Upper Wind Observations on 4-7-37 ارصاد الرياح العليا يوم ٤-٧-٣٧

Height metres above M.S.L.	Salum 07h00m Dir. E.of N.	Kms per hour	Matruh 07h00m Dir.	Kms	Dikheila 07h30m 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 04h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Juba 07h00m Dir.	Kms	Salum 3rd 13h00m Dir.	Kms
200	330	15	320	15	330	18	20	11	10	38	—	—	—	—	10	21	—	—	—	—	—	—	—	—	—	—	—	—	20	25
[illegible]00	350	23	320	14	320	20	10	14	30	14	0	33	350	31	30	40	120	3	190	24	170	31	—	—	140	11	280	27	0	16
[illegible]	340	11	340	17	320	24	350	33	0	26	330	39	20	23	30	40			210	18	170	43	200	43	160	10	270	37	340	11
[illegible]00	320	36	320	21	330	19			340	25	330	15	50	23	0	21			210	13	180	6	200	24	260	10	200	5	340	11
[illegible]000					310	29			250	26					350	24			260	6	30	18	120	6	210	13	230	8		
3000					300	30			230	38					150	10			220	24	30	18	10	14	70	6	330	3		
4000									240	15					110	26														
5000									320	9					100	40														
6000									320	18					140	8														
7000									280	6																				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day: Humidity % on 3rd	Diff. from normal	Wet bulb temp. °C on 3rd	Diff. from normal
Alexandria	74	+1	21.6	-0.1
Ezbekiya	59	+2	22.5	+0.4
Gîza	61	+4	22.0	+0.7
Helwân	45	+1	20.3	+1.4

Gîza Grass minimum on 4th 13.5 °C

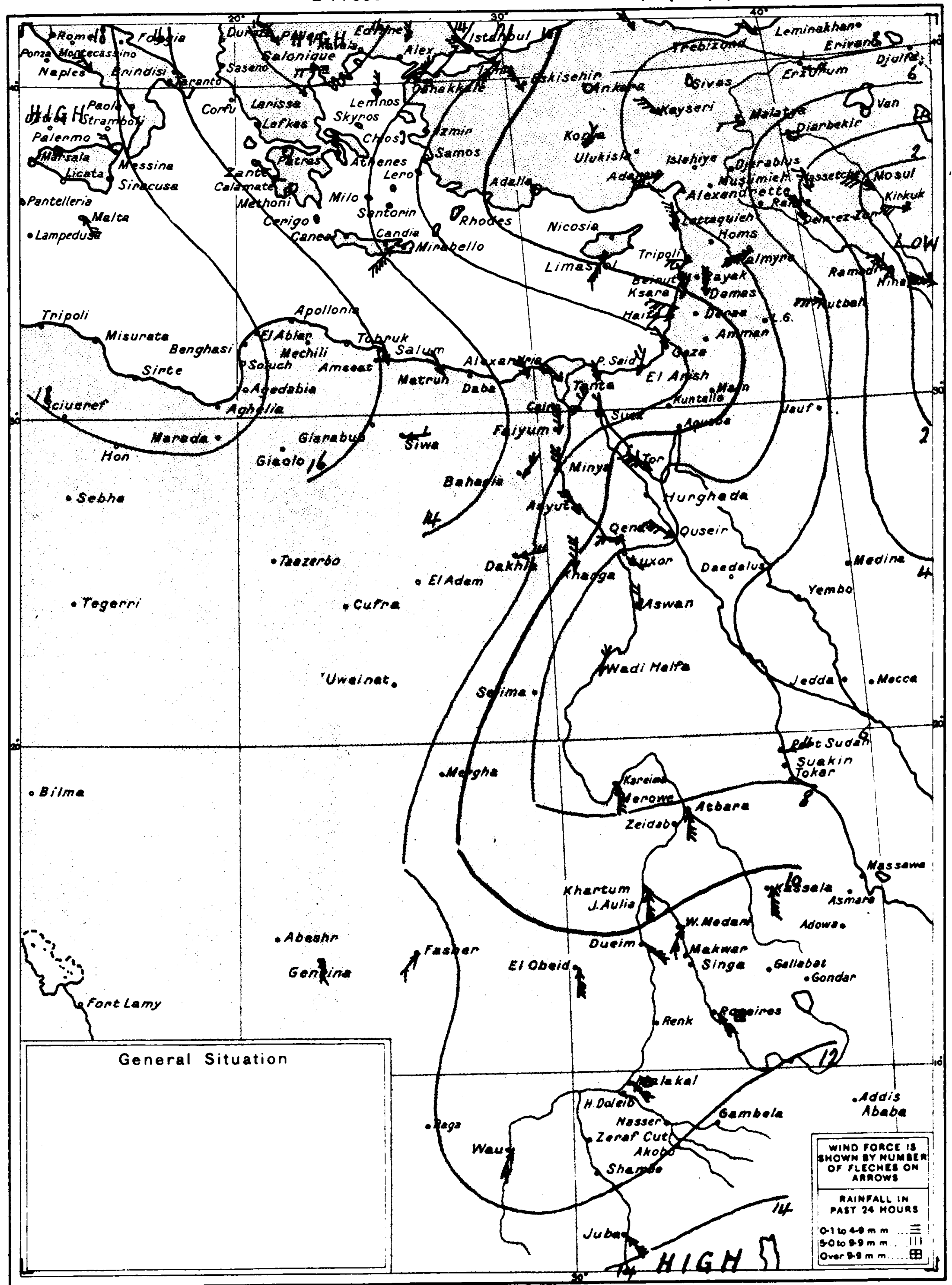
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
4-7	1343	1472
3-7	1340	1462

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3-7	14.02	+0.48	14.12	+0.59
Nâsser	3-7	8.40	-0.27	8.37	-0.26
Malakâl	4-7	11.15	-0.02	11.13	-0.02
Roseires	4-7	14.83	+0.38	14.76	+0.43
Sennâr Res.	3-7	7.24	—	7.24	—
Khartûm	3-7	11.53	-0.08	11.50	-0.05
Kh. el Girba	3-7	12.00	+0.09	12.46	+0.59
'Atbara	3-7	10.66	-0.20	10.56	-0.26
Kajnarti	4-7	122.78	-0.28	122.71	-0.26
Wâdi Halfa	4-7	2.01	+0.02	1.97	+0.03
Aswân Res.	4-7	103.16	—	103.56	—
,, D.S.	4-7	86.40	-0.23	86.38	-0.24
El Leisi	4-7	17.88	+0.65	17.88	+0.57
Rôda (Cairo)	4-7	15.79	+0.19	15.79	+0.19

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

١٩٣٧-٧-٤ Pressure and Wind at 8 h. 4-7-1937



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 3-7-37 (الساعة ٨ يوم ٣-٧-٣٧) 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	1008	0	S	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1009.6	+2.8	WNW	1	28.7	31	+1	24	+3	78	+9	0	—	—	—	0	365	647	حيفا
Gaza	1009.4	+2.1	—	0	27.8	34	+4	21	+1	67	-4	1	6	—	1	0	395	316	غزة
Ship	13345 - 24907 - 26300 - 13823 - 68780 - 77100																		سفينة

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

CAIRO

Time of sunrise 05 00 h. m.

sunset 19 00 h. m.

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

DAILY WEATHER REPORT

Month *July* 1937 ١٩٣٧ شهر يوليه

Pressure and Wind at 8 h. 5-7-1937 ١٩٣٧-٧-٥

	STATION	At 14 h. on 4th (الساعة ٢ يوم ٤) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8 h. on Monday 5th (الساعة ٨ يوم الاثنين) 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 %	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																									
	ALÜM	1014.8	NNE	5	25.7	77	1	8	1013.8	+2.8	NNW	3	24.0	27	—	20	—	75	—	1	7	Cu	0	0	105	
	ATRÛH	1013.8	NNW	4	25.8	70	1	6	1012.2	+1.2	NNW	4	24.8	26	-2	21	+1	77	-1	3	6	Cu	2	0	182	158
	KHEILA	1013.9	N	4	26.2	66	2	—	1012.7	—	NW	3	25.3	27	—	23	—	68	—	2	8	Cu	0	0	—	
	ALEXANDRIA	1013.3	N	4	26.8	68	2	9	1011.9	+1.6	NNW	3	24.7	29	-1	22	0	74	-1	2	9	Cu	2	0	147	190
159	DAMIETTA								1011.1	—	NW	2	27.4	31	—	20	—	70	—	3	8	Cu	2	0	75	116
134	PORT SAÏD	1011.9	NNW	4	29.1	55	0	7	1011.1	+2.4	NW	3	26.5	30	0	23	0	65	-5	2	7	Sc	1	0	38	82
135	EL 'ARÎSH	1011.2	NNW	2	28.3	57	0	7	1010.6	—	NNW	1	27.0	28	—	19	—	64	—	0	7	Cu	1	0	—	—
136	LOWER EGYPT: DAMANHÛR								1012.0	+2.0	WNW	2	27.1	30	-3	19	0	57	-8	3	8	Cu	1	0	78	110
137	MANSÛRA								1010.8	—	N	2	26.2	32	-3	20	0	64	-8	1	7	Cs	1	0	45	57
[illegible]	TANTA	1011.1	NW	3	31.0	48	0	8	1011.6	+1.1	—	0	25.2	32	+4	18	-2	79	+12	3	7	Cb	1	0	54	48
	ZAGÁZÍG	1011.4	NNW	1	31.2	44	1	8	1011.8	—	NNW	1	25.8	32	-3	18	-1	69	-2	1	8	Cs	1	0	20	28
	MIDDLE EGYPT: CAIRO: ALMÁZA	1011.9	NNW	4	30.9	49	2	8	1012.0	—	NNW	2	24.1	32	—	18	—	80	—	3	7	Cu	2	0	—	
	EZBEKÍYA	1010.7	N	2	31.5	43	0	8	1011.5	+1.9	NNW	1	25.6	34	-1	21	0	73	+1	3	5	Cu	1	0	18	34
	GÎZA	1010.8	NNW	2	32.3	37	0	7	1011.4	+0.8	NE	1	24.6	33	-2	17	-2	75	+4	3	6	Sc	1	0	16	31
143	HELWÂN								1011.4	+1.1	NNW	3	23.8	32	-3	20	-1	69	+6	2	6	Cu	2	0	17	35
144	SUEZ								1011.6	+2.6	NNW	2	25.4	33	-3	21	-2	92	+19	0	6	Cc	1	0	13	26
153	UPPER EGYPT: FAIYÛM	1011.0	NNW	3	31.7	39	0	8	1011.8	+1.5	N	2	25.0	33	-4	19	-2	67	+5	2	8	Cu	1	0	6	11
154	MINYA	1010.7	NNW	4	32.8	33	0	7	1010.7	+1.4	N	2	26.8	34	-3	22	+1	63	+4	1	7	Cu	1	0	16	
155	ASYÛT	1010.3	WNW	4	33.8	29	0	8	1010.2	+1.1	NW	3	27.6	35	-2	23	0	43	-4	0	8	—	0	0	dr.	5
166	QENA	1006.8	W	3	41.0	17	0	9	1008.7	+1.5	WSW	2	29.4	42	+1	25	+1	44	+4	2	7	Ci	1	0	dr.	—
157	LUXOR	1007.0	WNW	4	40.4	40	0	8	1007.9	—	ENE	1	32.7	41	—	22	—	48	—	4	8	Sc	2	0	dr.	—
158	ASWÂN	—	N	3	42.0	16	0	8	—	—	N	2	30.3	43	+1	28	+2	37	+5	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1013.4	W	2	34.0	51	0	6	1013.1	+1.8	—	0	26.1	35	-2	21	+1	68	+7	0	6	—	0	0	29	7
149	BAHARÍYA	1011.8	WNW	3	32.8	41	0	9	1012.7	—	N	2	25.2	34	—	18	—	68	—	0	9	—	0	0	26	
151	KHÂRGA	1008.3	N	4	38.0	47	0	9	1010.6	+2.3	N	4	28.0	38	-2	24	+1	56	+14	0	9	—	0	0	0	0
152	DÂKHLA	1010.0	N	4	35.9	18	0	8	1011.5	+2.1	ENE	1	29.2	37	-3	24	+1	59	+27	0	8	—	0	0	dr.	—
145	RED SEA: TÓR								1008.0	+1.5	NW	5	27.0	31	-3	25	+1	66	-8	0	6	—	0	0	14	14
146	HURGHÁDA								1008.4	+1.3	NNW	5	28.5	34	-1	25	+1	63	+4	0	6	—	1	0	dr.	0
147	QUSEIR	1007.1	N	5	32.8	50	0	6	1008.2	+1.4	NNW	4	29.0	34	0	26	0	56	+8	0	6	—	0	0	1	7
169	PORT SUDAN								1005.3	+0.1	NW	2	—	—	—	—	—	—	—	—	—	—	—	0	42	110
165	NORTH SUDAN: WÂDI HALFA								1009.3	+1.3	N	7	30.8	42	+1	25	+2	42	+20	0	5	Cu	3	—	—	
166	KAREIMA								1006.1	-1.9	—	0	32.8	44	+1	24	-2	25	+2	1	8	Cu	0	0	1	5
167	'ATBARA								1008.3	+1.0	SSW	4	32.0	41	0	27	+1	23	-3	0	—	—	0	0	5	14
168	KHARTÛM								1008.5	-0.1	S	3	30.9	39	0	28	+3	42	-7	2	8	F,Ac	0	0	39	22
173	KASSALA								1010.8	+0.2	SE	3	26.3	35	-1	22	-2	76	+18	3	8	Ac	1	3	89	69
171	CENTRAL SUDAN: WAD MEDANI								1008.4	-1.4	SE	2	29.4	36	-1	24	+1	54	-9	1	—	—	0	0	187	81
173	DUEIM								1008.6	-1.4	E	3	30.6	38	+1	25	+2	51	-7	1	—	—	0	0	47	60
	RENK																									
172	ROSEIRES								1010.0	-1.8	SSW	2	27.3	30	-3	22	+1	67	-7	1	—	—	1	0	259	251
174	EL OBEID								1010.3	-1.1	SSW	2	25.5	35	-1	23	+1	45	-22	1	8	Ac	0	dr.	18	78
175	EL FÁSHER																									
176	S. SUDAN: MALAKÁL								1010.6	-1.9	W	2	25.4	34	+3	23	+2	83	+2	3	8	Ac	2	0	292	382
177	WÂU								1011.8	+0.6	SW	2	24.5	32	0	21	+1	76	-5	2	—	—	0	10	340	573
178	JÛBA																									
179	Genzina																									
180	Gallabat																									

Upper Wind Observations on 5-7-1937 ١٩٣٧-٧-٥ ارصاد الرياح العليا

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. 30 m. Dir. E of N	Kms per hour	Cairo 08 h. 00 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 05 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	Malakal 06 h. 00 m. Dir. E of N	Kms per hour	El Obeid 06 h. 00 m. Dir. E of N	Kms per hour	Sennar 15 h. 00 m. Dir. E of N	Kms per hour	Minaya 12 h. 15 m. Dir. E of N	Kms per hour
200	310	17	300	22	300	15	10	5	0	18	—	—	—	—	10	31	—	—	—	—	—	—	—	—	—	—	20	30	0	8
[illegible]	—	—	310	29	310	17	20	14	10	26	350	44	350	37	20	60	—	—	200	40	190	32	310	21	—	—	280	20	350	11
[illegible]	350	30	Ent. Cu.		320	16	Ent. Cu.		40	14	340	41	340	37	20	50	220	21	210	13	190	40	290	21	110	18	280	16	20	17
[illegible]					340	23			0	29			340	13	340	50	240	5	220	5	190	21	250	11	120	26	290	15	10	14
2000					340	23			290	12			310	13	330	23	300	5	230	18	120	8	190	13	110	34	280	10	270	26
3000									Ent. Cu.						110	18	300	6	230	24			200	16			320	15	250	53
4000																	140	11	240	14			130	13						
5000																							180	10						
6000																														

Forecast for 24 hours from noon on

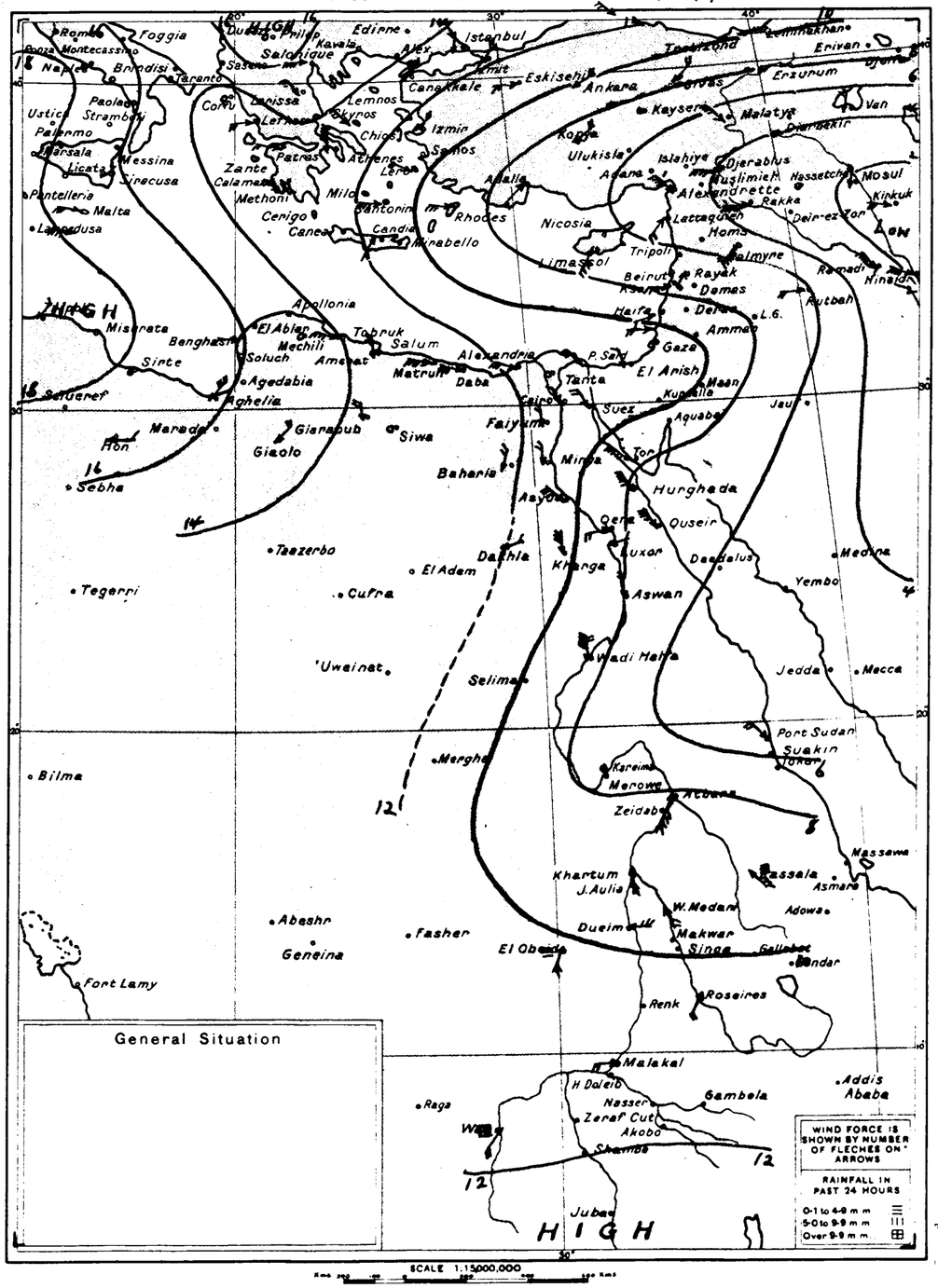
تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 4th	Diff. from normal	Wet Bulb Temp. °C on 4th	Diff. from normal
Alexandria	73	0	21.7	0.8
Ezbekiya	59	+2	21.8	-0.3
Giza	59	+1	21.1	-0.3
Helwân	47	+8	19.5	+0.6
Giza Grass minimum on	5th	13.2	°C	

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
5-7	1366	1857
4-7	1343	1892

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	4-7	10.12	+0.38	14.02	+0.48
Nâsser	4-7	5.44	-0.06	5.40	-0.37
Malakâl	5-7	11.16	-0.03	11.15	-0.02
Roseires	5-7	10.97	+0.42	10.88	+0.38
Sennâr Res.	4-7	7.31	—	7.24	—
Khartûm	5-7	11.66	-0.06	11.57	-0.08
Kh. el Girba	4-7	11.70	-0.08	12.00	+0.09
Atbara	5-7	11.10	+0.10	10.88	-0.09
Kajnarti	4-7	132.78	-0.28	132.71	-0.26
Wâdi Halfa	5-7	2.03	+0.02	2.01	+0.02
Aswân Res.	5-7	102.76	—	103.16	—
,, D.S.	5-7	86.44	-0.20	86.40	-0.23
El Leisi	5-7	17.70	+0.05	17.68	+0.05
Rôda (Cairo)	5-7	15.79	+0.18	15.79	+0.17



STATION	At 8 h. on 4-7-1937 (الساعة ٨ يوم ٤-٧-١٩٣٧) 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 %	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	1009	+1	SW	4	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.5	+4.8	NNW	1	29.2	29	-1	24	+3	85	+16	0	—	—	—	0	365	647	حيفا
Gaza	1011.0	+3.8	—	0	28.5	34	+4	22	+2	59	-12	0	9	—	0	0	395	376	غزة
Hurghada	1008.6	+1.4	NNW	6	29.8	33	-2	26	+2	56	+4	7	4	—	0	0	dr.	0	الغردقة

Pressure and Wind at 8 h. 5-7-1937

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

*Nasser River Gauge Reading for 24-4-37 published on 25-4-37 should read 5.40 instead of 5.15 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 00

sunset h. m. 19 00

Month *July* 1937 ١٩٣٧ شهر يوليه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 5th ٥ يوم الساعة ٢ — At 8h. on Tuesday 6th الساعة ٨ يوم الثلاثاء ٦

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 m. Past 24 hours	Rainfall m.m. Total fr. Oct. 1 to yesterday	Rainfall m.m. Normal fr. Oct. 1 to yesterday
	MEDITERRANEAN — SALÛM	1012.8	NNW	4	29.1	51	2	8	1013.1	+2.2	NW	4	23.8	31	—	21	—	79	—	0	7	—	0	0	105	—
	MATRÛH	1011.8	NW	5	25.7	76	1	6	1011.0	0	WNW	4	24.9	26	-2	24	+4	78	0	2	6	Cu	1	0	182	158
	DIKHEILA	1012.5	WNW	4	26.9	66	4	—	1011.1	—	NW	3	25.6	28	—	23	—	74	—	3	—	Cu	2	0	—	—
	ALEXANDRIA	1011.4	WNW	4	28.9	64	2	9	1010.4	+0.2	WNW	3	25.0	30	0	22	0	79	+4	3	9	Cu	2	0	167	190
159	DAMIETTA								1009.5	—	NNW	1	27.4	31	—	20	—	70	—	1	8	Cu	1	0	75	116
134	PORT SAÎD	1010.6	NNE	3	29.1	57	0	7	1009.8	+0.9	NW	2	26.5	30	0	23	0	62	-8	1	7	Ac	1	0	38	82
135	EL 'ARÎSH	1009.6	NNW	2	27.2	69	0	7	1009.3	—	—	0	26.8	27	—	20	—	61	—	0	7	Cu	1	0	—	—
136	LOWER EGYPT — DAMANHÛR								1010.7	+0.8	WNW	2	26.8	31	-2	20	+1	68	+3	3	8	Cu	1	0	78	110
137	MANSÛRA								1009.9	—	N	2	25.2	32	-3	20	0	71	-1	1	7	Cs	1	0	45	57
	TANTA	1009.6	N	3	30.4	54	0	7	1010.4	0	—	0	26.0	31	-5	19	-1	76	+8	3	6	Cu	2	0	54	48
	ZAGÂZÎG	1010.0	NNW	1	31.4	47	0	8	1010.4	—	NNW	1	25.9	31	-4	19	0	69	-3	1	8	Ci	1	0	20	28
	MIDDLE EGYPT — CAIRO ALMÂZA	1010.3	N	3	30.9	37	2	8	1010.8	—	NNE	3	24.3	32	—	18	—	72	—	3	7	Cu	2	0	—	—
	CAIRO EZBEKÎYA	1009.4	NNE	1	32.0	43	0	7	1009.9	+0.4	NNE	1	26.0	33	-2	22	+1	69	-3	3	6	Cu	1	0	18	34
	CAIRO GÎZA	1009.5	NNE	1	31.9	43	0	7	1010.2	-0.3	NNE	2	24.8	33	-2	20	+1	75	+4	4	6	Cu	1	0	16	31
143	HELWÂN	1009.3	NNW	5	30.9	33	0	7	1009.9	-0.3	NNE	2	24.2	32	-3	20	-1	66	+2	2	6	Cu	0	0	17	35
144	SUEZ								1010.3	+1.4	N	2	26.3	33	-3	22	-1	82	+9	4	6	Cb	1	0	13	26
153	UPPER EGYPT — FAIYÛM	1009.3	NNW	3	32.1	31	0	8	1010.4	+0.1	NNE	3	24.6	34	-3	21	0	71	+9	3	6	Cu	0	0	6	11
154	MINYA	1009.4	NNW	3	31.9	35	1	9	1009.4	+0.2	NNW	2	26.0	33	-4	20	-1	68	+5	0	8	—	0	0	16	—
155	ASYÛT	1008.2	WNW	3	33.2	25	0	8	1008.8	-0.2	WSW	2	29.0	34	-3	21	-2	52	+5	0	8	—	0	0	dr.	5
156	QENA	1006.4	WNW	1	39.1	21	2	8	1007.4	+0.3	N	1	29.2	41	0	24	0	45	+5	0	8	—	0	0	dr.	—
157	LUXOR	1006.2	NE	2	39.0	26	0	8	1006.6	—	SE	1	32.7	41	—	22	—	38	—	0	8	—	0	0	dr.	—
158	ASWÂN	—	N	1	39.9	19	0	8	—	—	N	2	29.7	43	+1	26	0	36	+4	0	8	—	0	0	1	—
148	WESTERN DESERT — SÎWA	1011.6	NW	2	33.0	45	0	6	1013.3	+2.1	—	0	25.0	35	-2	20	0	77	+16	0	6	—	0	0	29	7
149	BAHARÎYA	1010.6	N	2	32.4	43	1	9	1011.6		NNW	2	24.7	34		21		78		0	9	—	0	0	26	—
151	KHÂRGA	1007.9	N	4	35.4	42	0	9	1009.1	+0.9	N	1	28.4	37	-3	22	-7	65	+23	0	9	—	0	0	0	0
152	DÂKHLA	1009.5	NNW	4	33.9	24	0	8	1010.3	+1.0	N	2	28.5	35	-5	22	-1	41	+9	0	7	—	0	0	dr.	—
145	RED SEA — TÔR								1007.6	+1.1	NW	6	26.5	30	-4	22	-2	69	-5	0	6	—	0	0	14	14
146	HURGHÂDA								1006.4	-0.6	NNW	5	28.9	33	-2	25	+1	63	+11	0	5	—	0	0	dr.	0
147	QUSEIR	1006.4	N	4	30.5	63	0	6	1006.8	+0.1	NW	3	30.0	32	-2	27	+1	53	+5	0	6	—	0	0	1	7
169	PORT SUDAN								1004.6	-0.5	NE	1	—	—	—	—	—	—	—	1	—	—	0	0	42	110
165	NORTH SUDAN — WÂDI HALFA								1009.9	+2.0	N	2	28.4	38	-3	25	+2	27	+5	0	8	—	0	—	—	5
166	KAREIMA								1007.9	-0.1	NW	1	32.0	43	0	27	+1	28	+4	0	7	Ac	0	0	1	5
167	'ATBARA								1007.5	+0.1	W	3	34.0	41	0	30	+4	22	-4	1	—	—	0	0	5	15
168	KHARTÛM								1009.4	+0.8	W	4	25.9	40	+1	24	-1	84	+34	6	8	Sc	1	dr.	39	24
170	KASSALA								1009.3	-1.4	S	4	26.0	36	0	23	0	76	+17	2	8	Cu	0	0	89	72
171	CENTRAL SUDAN — WAD MEDANI								1010.2	+0.3	SSW	2	25.0	39	+2	22	-1	82	+19	2	—	—	0	40	177	85
173	DUEIM								1009.8	-0.2	S	3	24.8	39	+2	22	-1	82	+24	4	—	—	8	6	53	64
	RENK																									
172	ROSEIRES								1012.7	+0.9	SSE	2	19.3	34	+7	19	-2	94	+20	5	—	—	6	21	280	257
174	EL OBEID								1011.5	+0.1	SSW	3	22.1	37	+1	21	-1	87	+20	4	8	Ac	9	55	143	81
175	EL FÂSHER								—	—	SSE	3	22.5	37	+1	20	-2	83	+25	1	—	—	0	58	80	50
176	S. SUDAN — MALAKÂL								1011.1	-1.4	—	2	24.8	33	+2	23	+2	84	+3	3	8	Sc	2	11	303	388
177	WÂU								—	—	SW	2	24.2	31	-1	22	+2	86	+5	3	—	—	1	0	540	579
178	JÛBA								1013.3	+0.6	ESE	3	23.7	32	0	21	+1	83	-3	4	8	St, Cs	0	dr.	706	573
179	Gencina								—	—	SE	1	22.6	35	—	21	—	66	—	4	8	Sc, Ac	2	4	—	—
180	Gallabat																									

Upper Wind Observations on 6-7-37 ارصاد الرياح العليا يوم ٦-٧-٣٧

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.00m 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 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 06h.00m Dir. E. of N.	Kms per hour	Malakal 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	Salum 5th 13h.30m Dir. E. of N.	Kms per hour	Matruh 5th 12h.15m Dir. E. of N.	Kms per hour
200	330	25	300	31	60	7	330	11	—	—	—	—	0	21	—	—	—	—	—	—	—	—	—	—	—	—	0	17	10	14
500	340	39	310	27	30	10	20	8	350	39	340	54	0	40	10	39	230	37	220	24	290	14	—	—	260	14	320	17	0	19
1000	0	35	Ent.	Sc.	Ent.	Cu	10	37	340	43	270	17	350	40	0	21	220	60	220	43	260	26	300	23	320	11	30	43	10	12
1500							0	20			270	47	310	31	10	18	190	27	230	63	270	21	350	14	340	8			280	6
2000							340	10					250	24	340	24	210	24	240	34	240	13	10	37	270	11			280	17
3000							260	2													180	76	10	8						
4000							320	12															70	11						
5000							320	12															100	27						
6000							240	14																						
7000							160	14																						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 5th	Diff. from normal	Wet Bulb Temp. °C on 5th	Diff. from normal
Alexandria	76	+5	22.5	+0.8
Ezbekiya	61	+4	22.3	+0.2
Giza	61	+3	21.8	+0.4
Helwân	51	+7	20.1	+1.1

Gîza Grass minimum on 6th 13.2 °c

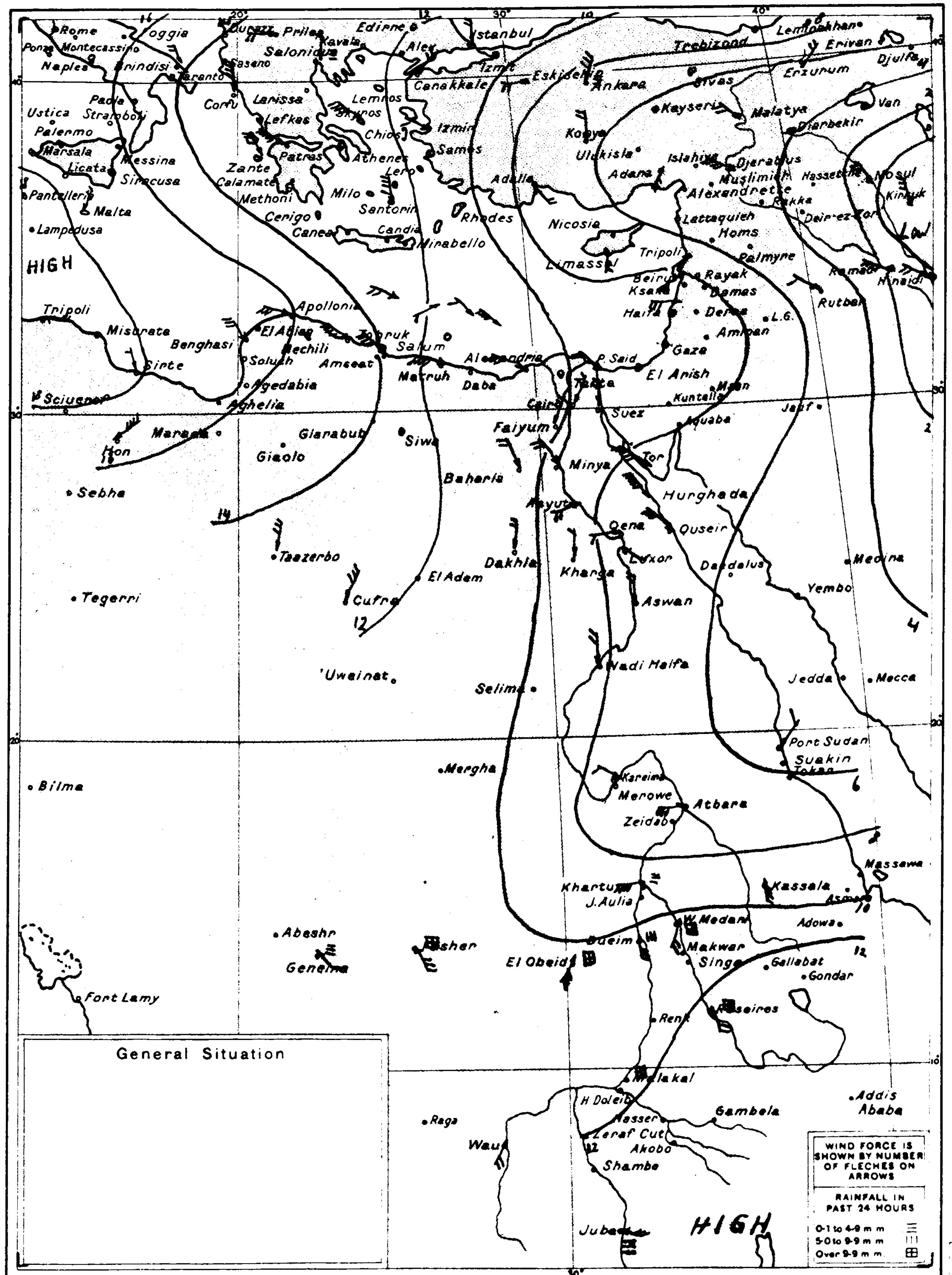
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
6-7	1363	1444
5-7	1366	1457

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6-7	13.81	+0.27	13.83	+0.29
Nâsser *	5-7	8.47	-0.27	8.44	-0.26
Malakâl	6-7	11.16	-0.05	11.16	-0.03
Roseires	6-7	14.82	+0.15	14.97	+0.42
Sennâr Res.	5-7	7.68	—	7.61	—
Khartûm	6-7	11.74	-0.04	11.66	-0.06
Kh. el Girba	5-7	11.82	-0.25	11.90	-0.08
Atbara	6-7	11.06	+0.04	11.10	+0.14
Kajnarti	6-7	132.92	-0.31	132.86	-0.27
Wâdi Halfa	6-7	2.11	+0.08	2.05	+0.08
Aswân Res.	6-7	102.41	—	102.76	—
.. D. S.	6-7	86.43	-0.23	86.44	-0.20
El Leisi	6-7	17.92	+0.06	17.90	+0.05
Rôda (Cairo)	6-7	15.82	+0.21	15.79	+0.18

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

١٩٣٧-٧-٦ Pressure and Wind at 8 h. 6-7-1937



STATION	At 8h on 5-7-1937 Bar. Pressure Reduced to M.S.L. m b	Diff. from normal m b	Wind Dir.	Wind Force	Dry Bulb °C	Maximum Yesterday °C	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 m Past 24 hours	Rainfall m.m. Total fr. Oct. 1 to yesterday	Rainfall m m Normal fr. Oct. 1 to yesterday		الساعة ٨ يوم ٥-٧-١٩٣٧
Limasol	1008	0	SW	4	27	—	—	—	—	—	—	0	—	—	—	—	—	—	X	ليماسول
Haifa	1010.2	+3.5	WSW	1	27.9	29	-2	23	+2	91	+22	0	—	—	—	0	365	647		حيفا
Gaza	1011.2	+4.0	—	0	27.2	36	+6	20	0	60	-11	0	9	—	0	0	395	376		غزه
Ship	33336 - 27107 - 22100 - 12875 - 30000 - 01700 - 36301																			سفينه
”	33334 - 28706 - 22200 - 11876 - 30000 - 40010 - 66304																			”

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 27-4-37 published on 28 & 29-4-37 should read 5.19 instead of 5.10 m.

ANNUAL SUBSCRIPTION

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

Abroad ..... P.T. 150

CAIRO
Time of sunrise h. 05 m. 01
sunset h. 19 m. 00

Month *July* 1937 ١٩٣٧ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	Station	14h on 6th: 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 7th: 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	1012.2	N	3	29.2	56	0	8	1011.9	+1.1	NW	3	23.3	30	—	19	—	78	—	2	6	Cu	3	0	105	—
	MATRÛH	1011.0	WNW	5	26.1	79	3	6	1010.8	-0.1	WNW	4	24.1	26	-2	23	+3	81	+3	3	6	Cu	1	0	182	158
	DIKHEILA	1010.4	NW	4	27.3	69	0	—	1010.4	—	NW	5	25.5	28	—	24	—	80	—	0	7	—	0	0	—	—
162	ALEXANDRIA	1009.6	WNW	4	29.0	66	0	8	1010.0	-0.2	NW	4	25.0	29	-1	22	0	83	+7	0	9	—	0	0	167	190
159	DAMIETTA								1008.3	—	NW	2	29.0	32	—	22	—	71	—	1	8	Ac	1	0	75	116
134	PORT SAÏD	1008.6	NNW	3	29.0	61	0	7	1009.0	+0.2	NW	2	27.3	31	+1	24	+1	71	+1	3	7	Cu	1	0	38	82
135	EL 'ARÎSH	1007.8	NNW	2	27.2	69	0	7	1008.6	—	—	0	28.3	28	—	19	—	66	—	0	7	Cu	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1009.6	-0.2	WNW	3	27.3	31	-2	20	+1	67	+1	0	7	Cu	0	0	78	110
137	MANSÛRA								1008.6	—	NW	2	26.5	35	0	22	+2	73	+1	1	7	Cs	1	0	45	57
	TANTA	1008.2	NW	2	32.0	52	3	7	1009.6	-0.7	NNW	2	26.5	32	-4	19	-1	73	+5	0	7	—	0	0	54	48
	ZAGÂZÎG	1007.8	NNW	1	32.3	43	0	8	1009.8	—	NNW	1	26.7	32	-3	20	+1	78	+6	1	8	Cs	1	0	20	28
	MIDDLE EGYPT																									
	CAIRO: ALMÂZA	1008.4	N	3	31.9	32	1	8	1010.0	—	NNW	3	24.7	33	—	20	—	77	—	4	7	Sc	2	0	—	—
	CAIRO: EZBEKÎYA	1009.6	NNE	2	32.7	37	0	8	1009.5	+0.1	—	0	25.5	34	-1	22	+1	75	+3	3	6	Cu	1	0	18	34
	CAIRO: GÎZA	1007.4	NNW	2	32.7	40	0	7	1009.6	-0.8	NNE	2	25.5	34	-1	21	+2	74	+3	4	6	Sc	2	0	16	31
143	HELWÂN	1007.2	NNW	4	31.4	31	0	7	1009.4	-0.7	NNW	4	24.2	32	-3	21	0	72	+7	3	5	Cu	2	0	17	35
144	SUEZ								1009.3	+0.4	NNW	2	26.2	34	-2	23	0	85	+12	0	6	Ci	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1007.6	NNW	4	33.5	33	0	8	1009.8	-0.4	N	3	25.4	34	-3	21	0	69	+7	3	6	Cu	0	0	6	11
154	MINYA	1007.8	NNW	3	32.8	36	0	8	1009.3	+0.1	NNW	3	25.9	34	-3	22	+1	68	+5	2	6	Cu	1	0	16	—
155	ASYÛT	1006.3	NW	3	33.2	30	0	8	1008.2	-0.7	NW	3	26.5	35	-2	21	-2	63	+16	0	7	—	0	0	dr.	5
156	QENA	1004.7	NNW	1	38.7	24	0	9	1006.6	-0.5	N	1	29.5	39	-2	25	+1	43	+3	2	7	Ac	1	0	dr.	—
157	LUXOR	1004.6	WNW	2	38.2	26	0	8	1006.2	—	—	0	32.6	39	—	20	—	38	—	2	8	Cu	1	0	dr.	—
158	ASWÂN	—	N	2	39.2	24	0	8	—	—	—	0	32.0	41	-1	26	0	38	+6	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1010.4	—	0	34.5	37	0	6	1013.9	+2.7	NE	1	24.9	37	0	20	0	76	+15	0	6	Ci	0	0	29	7
149	BAHARÎYA	1008.4	NNW	3	33.1	25	0	9	1010.8	—	N	3	24.4	34	—	21	—	77	—	0	9	—	0	0	26	—
151	KHÂRGA	1006.2	N	4	36.0	54	0	9	1008.2	0.0	N	5	29.0	37	-3	23	0	67	+25	0	9	—	0	0	0	0
152	DÂKHLA	1007.9	NNW	4	34.3	37	0	7	1010.0	+0.7	N	1	29.0	36	-4	23	0	46	+14	0	7	—	0	0	dr.	—
	RED SEA																									
145	TÔR								1005.8	-0.6	NW	5	27.0	30	-4	23	-1	66	-8	0	6	—	0	0	14	14
146	HURGHÂDA								1006.2	-0.7	NNW	5	28.7	33	-2	26	+2	63	+10	0	5	—	0	0	dr.	0
147	QUSEIR	1005.8	N	4	31.3	61	0	6	1006.3	-0.3	NNW	3	30.5	32	-2	27	+1	48	0	0	6	—	0	0	1	7
169	PORT SUDAN								1003.9	-1.2	SE	1	—	—	—	—	—	—	—	1	—	—	0	0	42	111
	NORTH SUDAN																									
165	WÂDI HALFA								1009.2	+1.3	N	3	28.6	36	-5	23	-1	28	+6	0	8	—	0	—	—	
166	KAREIMA								1007.7	-0.3	NE	2	30.9	41	-2	24	-2	37	+12	0	8	Ac	0	0	1	6
167	'ATBARA								1007.4	0.0	SW	2	32.0	42	+1	26	0	20	-7	0	—	—	—	0	5	15
168	KHARTÛM								1008.8	+0.1	S	3	28.5	38	-1	25	0	63	+12	1	8	Ci	0	dr.	39	25
170	KASSALA								1009.4	-1.3	SE	3	25.0	35	-1	22	-1	76	+16	0	8	—	0	dr.	89	75
	CENTRAL SUDAN																									
171	WAD MEDANI								1009.1	-0.8	SW	4	25.2	34	-3	22	-1	75	+11	0	—	—	1	1	178	89
173	DUEIM								1009.9	-0.2	SE	3	27.2	34	-3	24	+1	68	+9	0	—	—	0	0	53	67
	RENK																									
172	ROSEIRES								1010.2	-1.6	SSW	2	22.8	28	-5	19	-2	83	+8	4	—	—	2	37	317	263
174	EL OBEID								1009.9	-1.6	S	3	24.8	32	-3	23	+1	76	+8	3	8	Ac	0	0	143	84
175	EL FÂSHER								—	—	WNW	2	24.8	31	-5	22	0	73	+14	3	—	—	0	0	80	54
	S. SUDAN																									
176	MALAKÂL								1011.8	-0.7	SSE	2	22.8	31	0	21	0	91	+9	4	8	Sc, Ac	2	18	321	394
177	WÂU								1010.6	-0.7	S	3	23.0	32	0	22	+2	83	+12	3	—	—	8	dr.	540	586
178	JÛBA								1014.9	+2.2	NE	3	22.0	32	0	21	+1	91	+5	8	5	Cb	8	dr.	706	578
179	Geneina								—	—	E	1	22.4	34	—	19	—	82	—	1	8	Ci	0	dr.	—	—
180	Gallabat																									

Upper Wind Observations on 7-7-37 ارصاد الرياح العليا يوم ٣٧-٧-٧

Height metres above M.S.L.	Salum 07h00m Dir. E. of N.	Kms per hour	Matruh 07h00m Dir.	Kms	Dikheila 07h30m Dir.	Kms	Cairo 07h00m 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 07h00m Dir.	Kms	El Obeid 05h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Salum 6th 18h00m Dir.	Kms	Almaza 6th 12h30m Dir.	Kms
200	330	15	310	24	320	23	340	13	320	14	—	—	—	—	10	23	—	—	—	—	—	—	—	—	—	—	0	17	340	16
500	340	36	310	34	350	35	340	19	350	12	350	46	350	4	0	37	0	34	180	31	180	27	—	—	130	3	330	34	340	18
1000	20	11	Ent. Cu		350	24	Ent. Cu		Ent. Cu		340	48	270	7	350	32	0	35	110	37	180	47	200	40	230	18	320	39	20	17
1500	300	5			0	19							280	10	310	21	310	34	230	26	150	58	100	8	250	14			0	18
2000	340	32			0	14							270	17	310	19	260	31	320	14	330	34	70	24					280	8
3000																	220	27	50	24			60	43						
4000																			350	11			80	27						
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 6th	Diff. from normal	Wet bulb temp. °C on 6th	Diff. from normal
Alexandria	79	+6	22.2	+1.4
Ezbekiya	61	+3	22.1	-0.1
Giza	62	+4	22.2	+0.6
Helwân	53	+8	20.3	+1.3

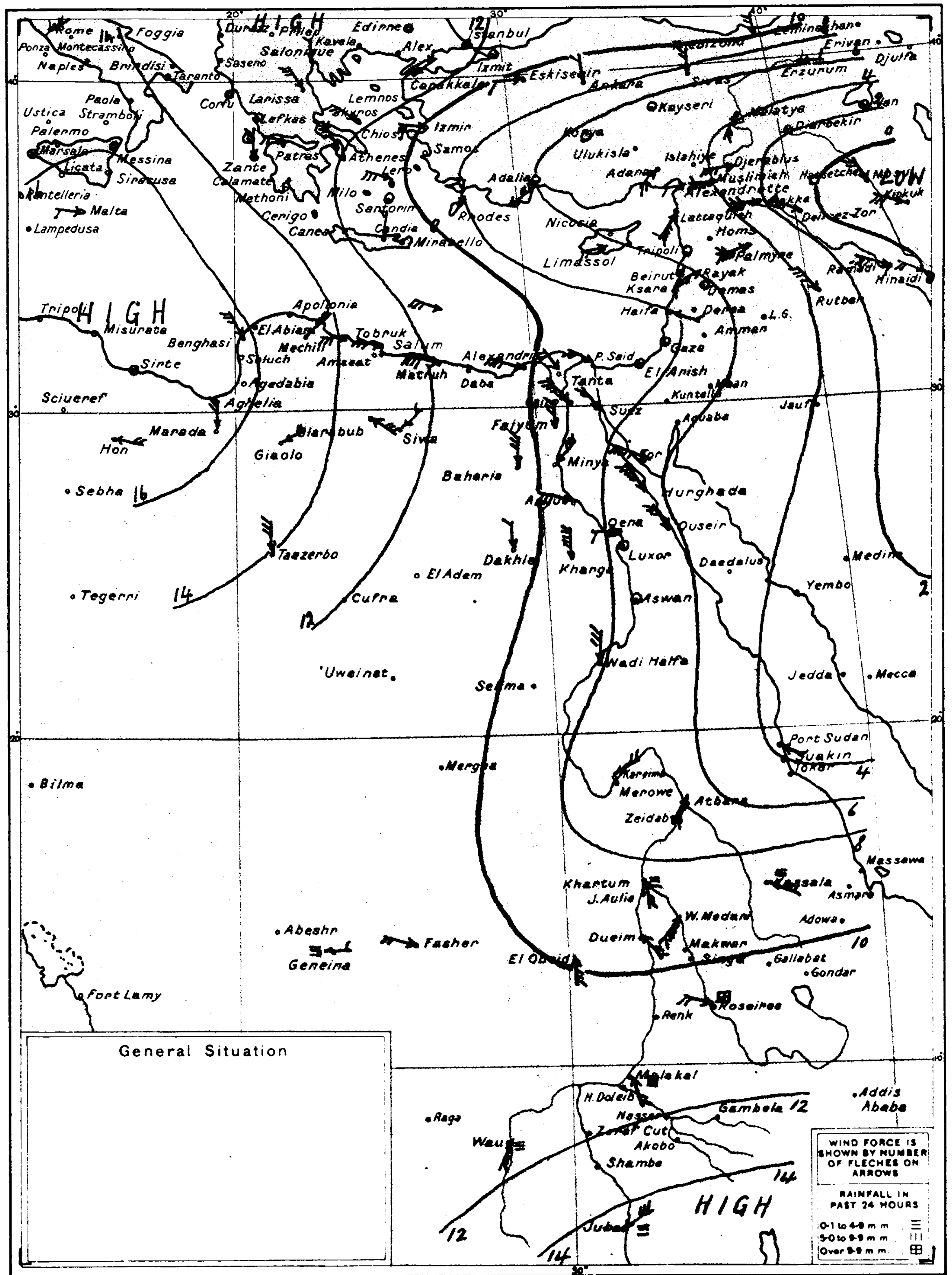
Giza Grass minimum on 7th 17.2 °C

Discharges at Aswân measured by sluices m³ per sec

Date	1937	1936
7-7	1388	1446
6-7	1363	1444

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Jûba	6-7	13.81	+0.27	13.85	+0.29
Nâşser X	5-7	8.47	-0.27	8.44	-0.26
Malakâl	7-7	11.20	-0.03	11.16	-0.05
Roseireş	7-7	15.34	+0.50	14.82	+0.15
Sennâr Res.	6-7	7.71	—	7.65	—
Khartûm	7-7	11.86	-0.01	11.74	-0.04
Kh. el Girba	6-7	12.00	-0.14	11.82	-0.25
'Atbara	6-7	11.06	+0.04	11.10	+0.14
Kajnarti	7-7	132.97	-0.35	132.92	-0.31
Wâdi Halfa	7-7	2.14	-0.01	2.11	+0.02
Aswân Res.	7-7	102.03	—	102.41	—
D. S.	7-7	86.46	-0.24	86.43	-0.23
El Leisi	7-7	17.92	+0.34	17.92	+0.36
Rôda (Cairo)	7-7	15.82	+0.20	15.82	+0.21

١٩٣٧-٧-٧ Pressure and Wind at 8h. 7-7-1937



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 8h. on 6-7-37 الساعة ٨ يوم ٦-٧-٣٧

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 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	1007	-1	S	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—		ليماسول
Haifa	1009.1	+2.5	NSW	1	27.6	30	-1	24	+3	87	+18	0	—	—	—	0	365	647		حيفا
Gaza	1009.8	+2.7	—	0	26.1	33	+3	20	0	66	-6	1	—	8	1	0	395	376	X	غزة
Ship	43332 - 28006 - 28300 - 09878 - 30000 - 81700 - 64301																			سفينة

Remarks

X Nasser River Gauge Reading for 2.5.37 published on 3&4.5.37 should read 5.33 instead of 5.35 X

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. 07 m.
sunset 18 h. 59 m.

Month *July* 1937 ١٩٣٧ شهر يوليه

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.	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																									
	SALÛM	1012.6	NNE	4	25.8	83	0	8	1014.0	+3.3	NW	4	24.1	27	—	20	—	82	—	1	7	Cu	1	0	105	—
	MATRÛH	1011.4	NNW	5	25.6	82	0	6	1012.4	+1.6	W	3	24.2	26	-2	20	0	87	+9	2	6	Sc	1	0	182	158
	DIKHEILA	1010.7	WNW	4	27.0	76	0	—	1011.8	—	NW	4	26.0	28	—	24	—	75	—	0	8	—	0	0	—	—
	ALEXANDRIA	1010.2	WNW	4	27.8	75	0	8	1011.8	+1.7	NW	4	25.4	29	-1	24	+2	79	+3	0	9	—	0	0	167	190
159	DAMIETTA								1010.7	—	SW	1	27.5	33	—	21	—	75	—	1	8	Ce	1	0	75	116
134	PORT SAÏD	1009.0	NNW	3	29.8	60	0	7	1010.8	+2.1	WSW	2	26.6	31	+1	23	0	74	+4	1	7	Cu	1	0	38	82
135	EL 'ARÎSH	1008.2	NNW	3	28.2	77	0	7	1010.7	—	—	0	27.2	29	—	21	—	73	—	2	6	Cu	1	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1011.6	+1.9	W	2	28.0	32	-1	20	+1	66	0	0	7	—	0	0	78	110
137	MANSÛRA								1010.7	—	N	1	25.8	35	0	21	+1	74	+2	1	7	Cs	1	0	45	57
138	TANTA	1008.8	NNW	3	32.5	47	0	7	1011.2	+1.0	NW	2	25.5	33	-3	18	-2	80	+11	3	6	Cu	2	0	54	48
	ZAGÂZÎG	1008.6	NE	2	33.3	42	0	8	1011.8	—	NW	1	25.9	33	-2	21	+2	76	+4	1	8	Ci	1	0	20	28
	MIDDLE EGYPT																									
	ALMÂZA	1008.7	NNW	4	33.8	40	2	7	1012.0	—	NNW	3	24.1	35	—	20	—	74	—	3	8	Sc	2	0	—	—
	EZBEKÎYA	1007.9	N	3	34.0	38	1	8	1011.6	+2.2	N	2	26.5	36	+1	23	+2	69	-3	2	6	Cu	1	0	18	34
	GÎZA	1006.7	NNW	3	35.1	36	1	7	1011.6	+0.3	NW	2	25.3	36	+1	22	+3	73	+1	3	7	Sc	2	0	16	31
	HELWÂN	1007.4	NW	3	33.2	34	0	6	1011.4	+1.4	NNW	3	24.0	35	0	21	0	71	+6	6	6	—	0	0	17	35
144	SUEZ								1011.0	+2.2	N	2	26.0	35	-1	22	-1	85	+12	0	6	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1007.8	N	4	34.8	26	1	8	1011.9	+1.8	NNW	3	26.0	36	-1	20	-1	68	+5	2	6	Cu	0	0	6	11
154	MINYA	1007.9	NNW	4	33.9	38	2	6	1011.2	+2.1	NNW	2	25.4	35	-2	22	+1	72	+9	0	7	—	1	0	16	—
155	ASYÛT	1007.0	NW	3	33.4	30	0	8	1010.4	+1.5	WSW	2	27.2	35	-2	24	+1	58	+11	0	7	—	0	0	dr.	5
156	QENA	1004.6	W	1	37.0	28	0	8	1008.7	+1.7	W	3	30.2	40	-1	27	+3	46	+6	0	8	—	0	0	dr.	—
157	LUXOR	1004.8	SW	2	38.2	30	1	8	1008.0	—	—	0	32.8	39	—	24	—	39	—	0	8	—	0	0	dr.	—
158	ASWÂN	—	N	1	38.4	18	0	8	—	—	—	0	31.7	39	-3	27	+1	37	+5	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1011.6	WNW	2	33.7	40	0	6	1013.5	+2.4	—	0	26.8	35	-2	20	0	74	+13	0	6	—	0	0	29	7
149	BAHARÎYA	1008.8	NNW	2	34.0	29	0	9	1013.0	—	NE	1	25.7	35	—	20	—	65	—	0	9	—	0	0	26	—
151	KHÂRGA	1007.0	N	4	35.8	40	0	9	1010.4	+2.3	N	2	30.4	36	-4	22	-1	65	+23	0	9	—	0	0	0	0
152	DÂKHLA	1008.8	N	5	34.4	39	0	8	1012.0	+2.8	WSW	1	29.2	35	-5	22	-1	40	+8	0	7	—	0	0	dr.	—
	RED SEA																									
145	TÔR								1008.4	+2.0	NW	4	27.5	31	-3	23	-1	70	-4	0	6	—	0	0	14	14
146	HURGHÂDA								1008.3	+1.3	NNW	4	29.8	33	-2	25	+1	61	+8	0	6	—	0	0	dr.	0
147	QUSEIR	1005.6	N	4	31.7	61	0	6	1008.2	+1.6	N	3	31.0	33	-1	26	0	52	+4	0	6	—	0	0	1	7
169	PORT SUDAN								1006.0	+0.9	SE	1	—	—	—	—	—	—	—	0	—	—	0	0	42	111
	NORTH SUDAN																									
165	WÂDI HALFA								1011.2	+3.3	NNW	1	28.8	38	-3	23	-1	29	+2	0	7	—	0	—	—	—
166	KAREIMA								1007.2	-0.8	NE	3	33.0	41	-2	22	-4	30	+3	0	8	—	0	0	1	6
167	'ATBARA								1006.6	-0.9	N	2	33.0	40	-1	25	-1	21	-7	0	—	—	0	0	5	16
168	KHARTÛM								1009.4	+1.7	SSW	3	32.1	39	0	27	+2	43	-9	1	8	Ac, Ci	0	0	31	27
170	KASSALA								1010.6	-0.2	SE	3	26.0	35	-1	24	+1	69	+9	4	8	As	9	1	90	79
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.4	+1.4	SW	3	26.2	37	0	23	0	66	+2	3	—	—	0	0	178	92
173	DUEIM								1010.6	+0.5	ESE	3	27.6	38	+1	24	+1	71	+12	2	—	—	8	2	55	70
	RENK																									
172	ROSEIRES								1011.0	-0.8	SW	2	24.9	33	0	22	+1	78	+3	2	—	—	1	0	317	269
174	EL OBEID								1010.5	-1.0	SW	3	26.7	33	-2	23	+1	69	+1	1	8	Ac	0	dr.	143	87
175	EL FÂSHER								—	—	NW	1	26.0	35	-1	23	+1	69	+10	0	—	—	0	0	80	57
	S. SUDAN																									
176	MALAKÂL								1011.4	-1.2	SSE	2	25.0	29	-2	22	+1	84	+2	2	8	Ce	0	0	321	400
177	WÂU								1011.8	+0.5	NW	1	24.0	33	+1	22	+2	83	+2	1	—	—	0	3	543	592
178	JÛBA								1013.9	+1.2	SE	3	22.9	29	-3	19	-1	83	-3	2	7	Sc	1	dr.	706	582
179	Geneina								—	—	S	2	24.6	35	—	22	—	61	—	2	8	Cu	9	0	—	—
180	Gallabat																									

Upper Wind Observations on 8-7-37 — ارصاد الرياح العليا يوم ٨-٧-٣٧

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.20m. Dir.	Dikheila Kms	Cairo 08h.00m. Dir.	Cairo Kms	Helwan 07h.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 04h.00m. Dir.	Khartum Kms	Kassala 06h.00m. Dir.	Kassala Kms	El Obeid 06h.00m. Dir.	El Obeid Kms	Malakal 06h.00m. Dir.	Malakal Kms	Geneina 06h.00m. Dir.	Geneina Kms	Salum 7th 13h.00m. Dir.	Salum 7th Kms
200	330	18	300	23	320	20	350	23	330	26	—	—	—	—	10	27	—	—	—	—	—	—	—	—	—	—	—	—	20	23
500	10	6	320	19	330	22	350	19	350	15	0	36	320	22	10	40	20	34	230	42	180	31	—	—	200	18	—	—	330	37
1000	0	14	350	23	330	25	10	26	20	25	340	47	290	7	0	27	10	37	230	37	210	47	220	31	200	13	—	—	310	18
1500	0	17			330	12	50	24	30	26			230	25	320	16	350	27	240	10	270	24			310	8	180	32	—	0
2000	0	22			350	2	30	11	20	10					290	18	290	18	230	18	320	24			130	3	140	39	330	2
3000					30	18			210	12					220	29			250	13					100	13	110	21		
4000									50	10					210	43									60	19				
5000									190	29																				
6000									180	12																				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة مرطهم

Mean of day

STATION	Humidity % on 7th	Diff. from Normal	Wet Bulb Temp. °C on 7th	Diff. from Normal
Alexandria	82	+9	23.5	+1.7
Ezbekiya	63	+5	22.7	+0.5
Giza	60	+2	22.6	+1.1
Helwân	55	+10	21.2	+2.2

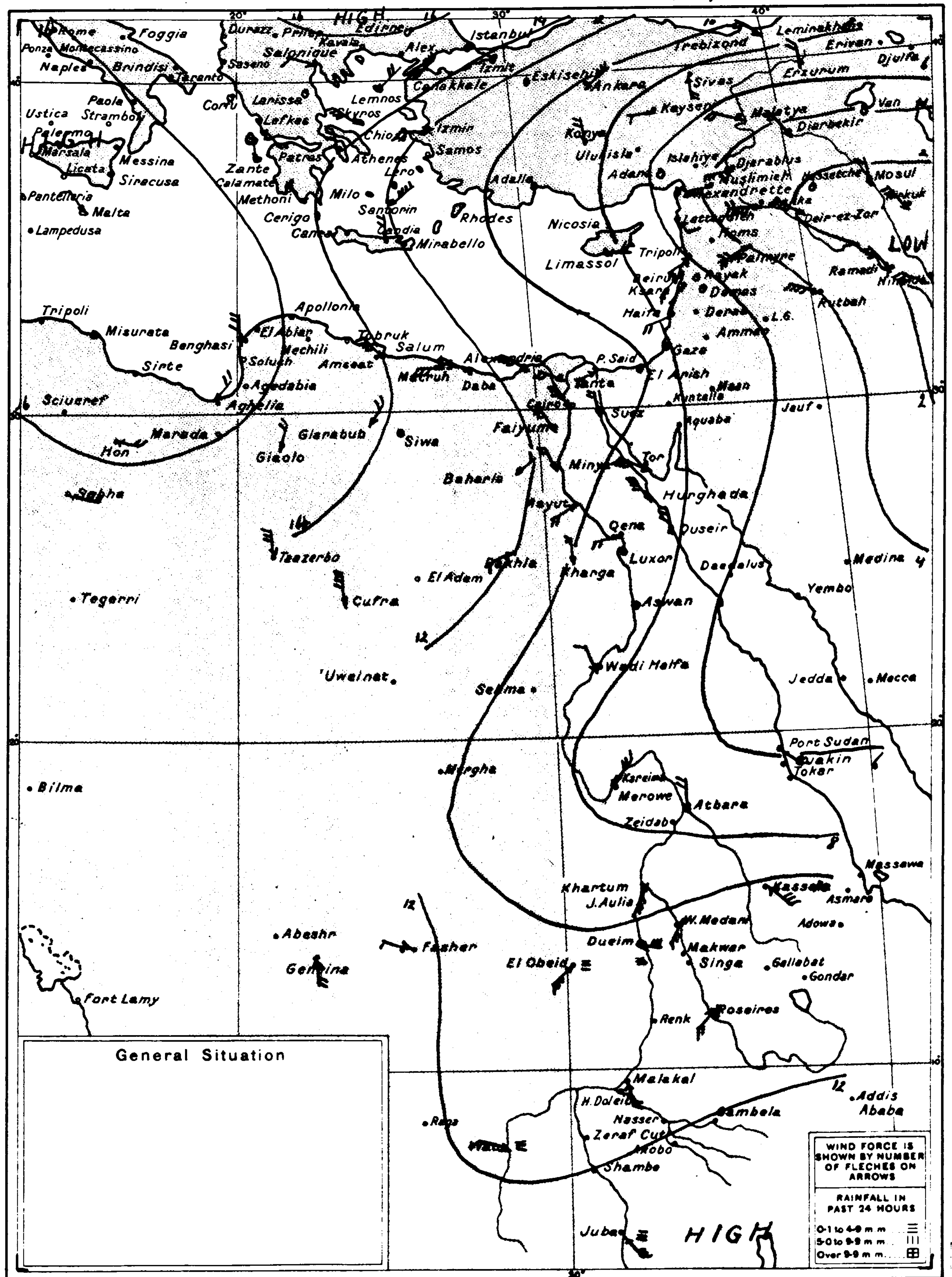
Gîza Grass minimum on 8th 18.5 °C

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

DATE	1937	1936
8-7	1390	1459
7-7	1388	1446

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-7	13.88	+0.34	13.81	+0.27
Nâşşer	7-7	8.46	-0.36	8.40	-0.38
Malakâl	8-7	11.21	-0.04	11.20	-0.03
Roşeireş	8-7	15.14	+0.19	15.34	+0.50
Sennâr Res.	7-7	7.80	—	7.77	—
Khartûm	8-7	11.97	+0.03	11.86	-0.01
Kh. el Girba	7-7	12.18	-0.04	12.00	-0.14
'Atbara	7-7	11.00	-0.07	11.06	+0.04
Kajnarti	7-7	132.97	-0.35	132.78	-0.31
Wâdi Halfa	8-7	2.17	-0.04	2.14	-0.01
Aswân Res.	8-7	101.63	—	102.03	—
,, D. S.	8-7	86.46	-0.26	86.46	-0.24
El Leisi	8-7	17.92	+0.58	17.92	+0.54
Rôda (Cairo)	8-7	15.82	+0.19	15.82	+0.20

١٩٣٧-٧-٨ Pressure and Wind at 8 h. 8-7-37



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

At 8 h. on 7-7-37 — الساعة ٨ يوم ٧-٧-٣٧

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. 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	1007	-1	E	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.3	+1.8	ESE	1	28.5	30	-1	24	+3	87	+18	0	—	—	—	0	366	647	حيفا
Gaza	1008.8	+1.8	—	0	26.3	35	+5	19	-1	73	+1	0	9	—	0	0	595	376	غزة

Remarks

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

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CAIRO
Time of sunrise h. 05 m. 01
sunset h. 18 m. 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *July* 1937 ١٩٣٧ شهر يوليه

No.	STATION	At 14h. on 8th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Friday 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.
	MEDITERRANEAN																									
130	SALÛM	1013.8	NNE	5	27.0	80	0	8	1013.8	+3.2	WNW	4	24.2	29	—	21	—	83	—	0	7	—	0	0	105	—
131	MATRÛH	1012.8	NNW	4	26.1	84	0	6	1012.3	+1.6	WNW	3	24.4	26	-2	20	0	87	+9	1	6	Cu	1	0	182	158
150	DIKHEILA	1013.2	NW	4	27.3	73	2	—	1011.9	—	NW	4	26.0	28	—	24	—	77	—	3	7	Sc	2	0	—	—
132	ALEXANDRIA	1012.2	NNW	4	28.3	71	2	9	1011.2	+1.2	NNW	4	25.3	29	-1	23	+1	81	+5	3	8	Cu	2	0	167	190
159	DAMIETTA								1010.3	—	NW	1	27.5	33	—	20	—	69	—	0	7	—	1	0	75	116
134	PORT SAÏD	1010.8	NW	4	30.0	66	0	7	1010.6	+2.0	SW	2	25.5	31	0	23	0	75	+5	0	7	—	0	0	38	82
135	EL 'ARÎSH	1010.2	NNW	3	28.9	75	0	7	1009.9	—	WSW	1	28.0	29	—	21	—	71	—	0	7	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1011.0	+1.4	W	2	27.2	32	-1	20	+1	66	-1	0	7	—	0	0	78	110
137	MANSÛRA								1010.4	—	W	1	25.9	35	0	19	-1	70	-3	0	7	Ci	1	0	45	57
[illegible]	TANTA	1011.0	NW	3	33.0	44	0	7	1010.7	+0.6	—	0	23.5	33	-3	19	-1	79	+10	0	7	—	0	0	54	48
[illegible]	ZAGÂZÎG	1010.8	NNW	1	34.3	31	0	8	1011.4	—	SW	1	25.4	34	-1	20	+1	74	+2	0	8	Ci	1	0	20	28
	MIDDLE EGYPT — CAIRO																									
[illegible]	ALMÂZA	1011.2	NNW	4	33.9	32	0	8	1011.9	—	W	2	26.1	35	—	18	—	69	—	3	7	Sc	2	0	—	—
[illegible]	EZBEKÎYA	1010.0	NNW	2	34.5	32	0	8	1011.2	+1.9	—	0	25.0	36	+1	21	0	73	+1	2	6	Cu.	1	0	18	34
[illegible]	GÎZA	1010.2	NNE	2	34.7	35	0	8	1011.4	+1.2	NNE	1	25.6	36	+1	19	0	71	-1	3	6	Sc.	2	0	16	31
143	HELWÂN	1009.9	NNW	4	33.7	23	0	7	1011.2	+1.3	NW	2	23.2	35	0	20	-1	73	+8	0	6	Sc	0	0	17	35
144	SUEZ								1011.2	+2.5	N	2	25.8	36	0	22	-1	90	+16	0	6	Ci	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1010.2	NNW	4	34.5	21	0	8	1011.9	+1.9	N	2	26.0	36	-1	21	0	71	+8	2	8	Ac	1	0	6	11
154	MINYA	1010.4	N	3	33.6	33	0	8	1011.5	+2.5	NNE	2	26.0	36	-2	21	0	66	+3	0	9	—	0	0	16	—
155	ASYÛT	1009.6	W	3	34.0	27	0	8	1011.1	+2.3	WSW	3	27.2	36	-1	22	-1	55	+8	0	7	—	0	0	dr	6
156	QENA	1007.1	NNE	1	40.0	31	0	9	1008.6	+1.7	WSW	3	31.6	41	0	26	+2	34	-6	0	8	—	0	0	dr	—
157	LUXOR	1006.8	NNW	2	40.2	24	0	8	1008.4	—	—	0	34.7	41	—	22	—	30	—	0	8	—	0	0	dr	—
158	ASWÂN	—	—	0	42.0	25	0	8	—	—	N	3	33.5	42	0	26	0	29	-3	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1012.2	—	0	34.5	44	0	6	1013.1	+2.0	—	0	24.2	38	+1	21	+1	57	-5	0	6	—	0	0	29	7
149	BAHARÎYA	1011.2	NW	3	34.8	24	0	9	1012.7	—	N	1	26.6	36	—	20	—	54	—	0	9	—	0	0	26	—
151	KHÂRGA	1009.1	N	3	37.6	47	0	9	1011.2	+3.1	N	3	29.8	38	-2	22	-1	65	+23	0	9	—	0	0	0	0
152	DÂKHLA	1010.6	N	3	35.5	39	0	8	1012.3	+3.2	WSW	1	29.8	36	-4	22	-1	38	+6	0	7	—	0	0	dr	—
	RED SEA																									
145	TÔR								1008.0	+1.7	NW	5	28.5	34	0	25	+1	61	-13	0	6	—	0	0	14	14
146	HURGHÂDA								1008.6	+1.8	NNW	5	30.7	33	-2	24	0	56	+3	0	5	—	0	0	dr	0
147	QUSEIR	1007.6	N	3	31.8	67	0	6	1008.7	+2.2	N	2	31.0	33	-1	26	0	52	+4	0	6	—	0	0	1	7
169	PORT SUDAN								1006.0	+1.0	NW	1	—	—	—	—	—	—	—	0	—	—	0	0	42	111
	NORTH SUDAN																									
165	WÂDI HALFA								1011.1	+3.2	—	0	29.4	39	-2	24	0	28	+6	0	8	—	0	—	—	—
166	KAREIMA								1008.4	+0.4	NNE	5	34.1	42	-1	26	0	27	+1	0	7	Cs	0	0	1	6
167	'ATBARA								1007.9	+0.4	N	3	33.0	41	0	27	+1	19	-9	0	—	—	0	0	5	17
168	KHARTÛM								1008.2	-0.5	SW	3	31.7	40	+1	28	+3	33	-19	2	8	Ci, Ac	0	0	39	29
170	KASSALA								1008.7	-2.1	SE	4	28.0	36	0	27	+4	70	+9	4	8	Ac	0	0	90	82
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.4	+1.4	W	2	30.2	38	+1	26	+3	50	-15	3	—	—	1	0	178	96
173	DUEIM								1010.2	0.0	SW	3	29.2	38	+1	26	+3	59	-1	4	—	—	4	0	55	73
182	RENK																									
172	ROSEIRES								1010.0	-1.8	WSW	2	26.8	35	+2	23	+2	73	-2	4	—	—	8	2	319	275
174	EL OBEID								1011.6	0.0	SW	3	25.2	36	+1	22	0	76	+8	2	8	Ci, Ac	1	13	156	90
175	EL FÂSHER								—	—	W	3	22.0	36	0	21	-1	91	+31	3	—	—	0	5	85	61
	S. SUDAN																									
176	MALAKÂL								1011.2	-0.4	WSW	2	27.0	33	+2	23	+2	77	-5	2	8	Ac, Cb	0	0	321	407
177	WÂU								1013.0	+1.7	N	2	25.0	33	+1	23	+3	80	-1	2	—	—	0	0	543	598
178	JÛBA								1013.9	+1.2	SSE	4	23.2	33	+2	20	0	83	-3	1	8	Sc	0	0	706	587
179	Geneina								—	—	SW	3	22.7	35	—	20	—	83	—	4	8	Ac, As	0	dr	—	—
186	Gallabat																									

الساعة ١٤ يوم ٨ — الساعة ٨ يوم الجمعة ٩

Upper Wind Observations on 9th

ارصاد الرياح العليا يوم ٩

Height metres above M.S.L.	Dikheila 7h.30m. Dir. E. of N.	Kms per hour	W. Halfa 6h.00m. Dir.	Kms	Kareima 05h.00m. Dir.	Kms	Khartoum 05h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Geneina 06h.00m. Dir.	Kms	Juba 06h.00m. Dir.	Kms	Salum (8-7) 13h.00m. Dir.	Kms	Almaza (8-7) 12h.00m. Dir.	Kms
200	320	29	0	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	25	360	12
500	340	26	10	40	350	48	280	14	190	24	—	—	240	14	—	—	290	31	240	17	340	18
1000	20	26	0	39	350	43	320	14	240	47	240	27	230	18	—	—	270	18	300	24	340	9
1500	30	22	330	27	320	40	330	56	260	23	200	18	230	13	230	24	200	19	280	29	280	6
2000			290	10	320	34	20	21	280	34	90	18	400	13	210	10	200	18			360	10
3000			250	18			60	21	340	34			90	37	110	11	150	23				
4000			220	24																		
5000			200	27																		
6000																						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day — Humidity % on 8th	Diff. from normal	Wet bulb temp. °C on 8th	Diff. from normal
Alexandria	79	+6	23.4	+1.5
Ezbekiya	57	-1	22.6	+0.4
Giza	60	+1	22.5	+1.0
Helwân	45	0	19.9	+0.8

Giza Grass minimum on 9th 13.6 °C

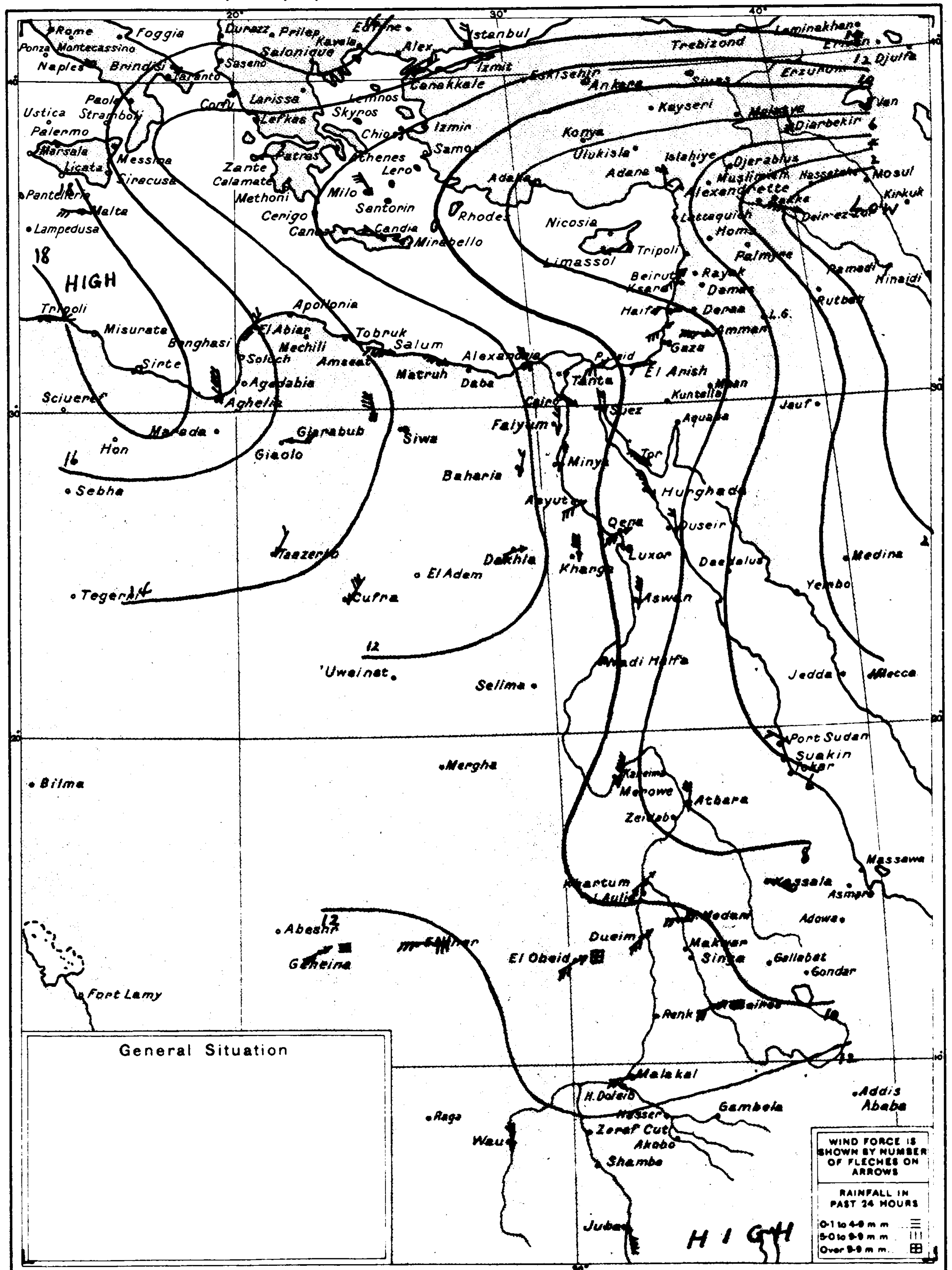
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
9.7	1390	1440
8.7	1390	1459

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m
Jûba	9.7	13.88	+0.34	14.18	+0.64
Nâsser	9.7	8.57	-0.32	8.56	-0.30
Malakâl	9.7	11.22	-0.04	11.21	-0.04
Roseires	9.7	15.45	+0.40	15.14	+0.19
Sennâr Res.	9.7	7.98	—	7.80	—
Khartûm	9.7	12.01	-0.01	11.97	+0.03
Kh. el Girba	9.7	12.50	+0.16	12.56	+0.27
'Atbara	9.7	11.00	-0.19	11.00	-0.12
Kajnarti	9.7	133.05	-0.45	133.01	-0.38
Wâdi Halfa	9.7	2.19	-0.08	2.17	-0.04
Aswân Res.	9.7	101.23	—	101.63	—
" D.S.	9.7	86.46	-0.31	86.46	-0.28
El Leisi	9.7	17.90	+0.48	17.92	+0.52
Rôda (Cairo)	9.7	15.82	+0.19	15.82	+0.19

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

١٩٣٧-٧-٩ Pressure and Wind at 8h. 9-7-1937



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 8h on 8-7-37 — الساعة ٨ يوم ٨-٧-٣٧

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 fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1009	+1	E	2	27	—	—	—	—	—	—	6	—	—	—	—	—	—	ليماسول
Haifa	1009.6	+3.2	WSW	2	28.0	31	0	24	+3	75	+6	0	—	—	1	0	365	647	حيفا
Gaza	1010.0	+3.0	—	0	27.0	34	+4	21	+1	72	0	0	—	—	0	0	395	376	غزة

Remarks

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

CAIRO Time [illegible] 05 h 02 m / 18 h 59 m

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

DAILY WEATHER REPORT

Month *July* 1937 ١٩٣٧ شهر يوليه

At 14h. on *9th* الساعة ١٤ يوم ٩ — At 8h. on *Saturday 10th* الساعة ٨ يوم السبت ١٠

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.
	[illegible]	1012.7	NNE	5	27.8	64	0	8	1010.8	+0.3	WNW	3	25.1	31	—	21	—	74	—	0	7	—	0	0	105	
	MATRÛH	1011.1	WNW	5	26.2	82	0	6	1009.0	-1.6	WNW	4	24.9	27	-1	22	+2	88	+10	3	6	Cu	1	0	182	158
	DIKHEILA	1010.9	NNW	5	27.0	78	0	8	1008.3	—	WNW	5	26.5	28	—	25	—	78	—	0	8	—	0	0	—	
	ALEXANDRIA	1010.2	NW	5	28.0	71	0	8	1009.0	-0.9	NW	3	25.9	29	-1	24	+2	78	+2	0	8	—	0	0	167	190
159	DAMIETTA								1005.9	—	SW	2	28.3	34	—	21	—	70	—	0	8	—	0	0	75	116
134	PORT SAÏD	1008.4	SW	3	33.5	38	0	7	1006.0	-2.5	WSW	3	27.1	34	+3	24	+1	76	+5	0	7	—	0	0	38	82
135	EL 'ARÎSH	1007.9	NNW	4	29.2	69	0	7	1005.6	—	WSW	2	28.0	30	—	22	—	77	—	0	7	Cu	1	0	—	—
136	DAMANHÛR								1007.4	-2.1	WNW	3	28.7	32	-1	21	+2	60	-7	0	8	—	0	0	78	110
137	MANSÛRA								1006.7	—	N	2	27.0	36	+1	21	+1	73	0	0	8	—	0	0	45	57
138	TANTA	1008.8	NNW	3	33.0	50	0	7	1007.4	-2.6	W	4	26.0	34	-2	20	0	76	+7	0	7	—	—	0	54	48
	ZAGÂZÎG	1008.6	NNW	1	34.2	35	0	8	1007.0	—	NNW	2	26.8	35	0	20	+1	77	+4	0	8	—	0	0	20	28
	ALMÂZA	1009.9	WNW	3	34.1	37	0	8	1008.4	—	N	2	26.3	35	—	20	—	74	—	0	8	—	0	0	—	—
	EZBEKÎYA	1008.3	WNW	1	34.3	35	0	8	1007.2	-2.1	WNW	1	27.9	36	+1	22	+1	67	-5	0	5	—	0	0	18	34
	GÎZA	1008.3	NNE	2	34.4	30	0	8	1007.5	-2.7	NNW	3	25.7	36	+1	21	+2	79	+7	0	7	—	0	0	16	31
	HELWÂN	1008.3	NW	4	32.4	28	0	7	1007.4	-2.5	NW	3	24.6	35	0	22	+1	73	+8	0	6	—	0	0	17	35
144	SUEZ								1007.4	-1.2	N	2	27.4	36	0	24	+1	85	+11	0	6	—	0	0	13	26
153	FAIYÛM	1009.1	NNW	3	33.9	29	0	8	1007.9	-2.1	N	2	27.1	36	-1	19	-2	64	+1	0	6	—	0	0	6	11
154	MINYA	1009.1	NNW	4	34.5	32	0	7	1007.8	-1.2	NNW	2	26.6	36	-1	20	-1	61	-2	0	9	—	0	0	16	
155	ASYÛT	1008.4	NW	3	34.0	37	0	8	1007.5	-1.2	WSW	2	25.8	36	-1	21	-2	62	+15	0	7	—	0	0	dr	5
156	QENA	1006.7	WNW	4	39.3	18	0	8	1006.0	-0.9	WNW	4	31.8	40	-1	24	0	33	-7	0	8	—	0	0	dr	—
157	LUXOR	1006.2	NNW	4	37.1	27	0	8	1005.6	—	NE	1	32.8	39	—	23	—	37	—	0	8	—	0	0	dr	—
158	ASWÂN	—	N	2	40.5	23	0	8	—	—	N	2	31.0	41	-1	27	+1	38	+6	0	8	—	0	0	1	—
148	SÎWA	1011.4	NW	1	34.0	38	0	6	1010.8	-0.3	—	0	22.8	37	-1	21	+1	84	+22	4	5	Ci	2	0	29	7
149	BAHARÎYA	1009.9	NW	3	34.8	24	0	9	1009.8	—	N	1	27.1	36	—	19	—	50	—	0	9	—	0	0	26	—
151	KHÂRGA	1009.3	N	2	37.4	41	0	9	1007.8	-0.2	—	0	30.3	38	-2	24	+1	48	+6	0	9	—	0	0	0	0
152	DÂKHLA	1009.4	NNE	2	35.9	18	0	8	1009.0	-0.1	WNW	2	30.1	38	-2	23	0	23	-9	0	7	—	0	0	dr	—
145	TÔR								1004.0	-2.3	NW	4	28.5	36	+2	26	+2	61	-13	0	6	—	0	0	14	14
146	HURGHÂDA																									
147	QUSEIR	1006.6	N	3	33.4	53	0	6	1005.3	-1.2	NNW	2	31.2	34	0	26	0	52	+4	0	6	—	0	0	1	7
169	PORT SUDAN								1004.0	-1.0	NW	1	—	—	—	—	—	—	—	1	—	—	0	0	42	112
165	WÂDI HALFA								1008.9	+1.1	—	0	29.4	39	-2	23	-1	29	+7	0	8	—	0	—	—	—
166	KAREIMA								1007.2	-0.8	NNW	4	32.7	43	+1	25	-1	30	+3	2	8	Ci	0	0	1	7
167	'ATBARA								1005.3	-2.3	N	4	33.5	43	+2	27	+1	19	-10	0	—	—	0	0	5	18
168	KHARTÛM								1007.3	-1.4	WNW	2	[illegible]	42	+3	27	+2	38	-15	2	8	Ac,Ac	0	0	39	30
170	KASSALA								1007.9	-3.0	SSE	5	28.3	40	+4	25	+2	63	+2	2	8	Ac,Ac	0	0	96	85
171	WAD MEDANI								1009.0	-1.0	SSW	4	27.9	39	+2	23	+1	67	+2	0	—	—	—	dr	178	100
173	DUEIM								1008.7	-1.5	S	3	30.6	39	+2	26	+3	52	-8	0	—	—	8	dr	55	76
	RENK																									
172	ROSEIRES								1010.4	-1.5	SW	2	24.8	35	+2	22	+1	77	+2	3	—	—	8	1	320	281
174	EL OBEID								1010.3	-1.3	SW	2	25.7	33	-2	23	+1	62	-7	3	8	Ac	1	0	156	93
175	EL FÂSHER								—	—	SW	1	26.0	33	-3	22	+1	73	+13	1	—	—	0	0	85	64
176	MALAKÂL								1013.9	+1.3	ESE	3	23.6	33	+2	23	+2	91	+9	5	7	Sc	6	4	325	413
177	WÂU								1011.6	+0.3	N	1	24.0	34	+2	22	+2	87	+6	3	—	—	1	0	543	605
178	JÛBA								1014.0	+1.3	NW	3	23.3	33	+2	21	+1	91	+5	4	7	Cb,Cs	1	0	706	591
179	Geneina								—	—	S	2	19.8	35	—	19	—	72	—	2	8	Ns	0	4	—	—
180	Gallabat																									

Upper Wind Observations on *10-7-37* ارصاد الرياح العليا يوم ١٠-٧-٣٧

Height metres above M.S.L.	Salum 07h00m Dir. E. of N	Salum Kms per hour	Matruh 07h00m Dir.	Matruh 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	Khartum 05h00m Dir.	Khartum Kms	Kassala 07h00m 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	Almaza 12h15m Dir.	Almaza Kms
200	310	20	300	29	310	14	330	17	—	—	—	—	0	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	22
500	360	39	ent. St.		340	18	350	19	0	18	340	35	10	42	0	43	290	33	—	—	—	—	150	5	280	18	—	—	280	28
1000	340	24					10	37	350	36	340	39	10	35	0	42	[illegible]	32	210	51	250	32	90	3	40	14	—	—	260	25
1500	350	20					10	23			340	47	330	23	330	34	350	47	260	31					70	21	220	14	260	7
2000	360	24					0	13					290	10	300	31	340	27	310	13					140	14	140	14	50	18
3000															330	32	190	29	40	34					150	27	80	34		
4000																									170	23	80	43		
5000																											80	31		
6000																														

Forecast for 24 hours from noon on

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 9th	Humidity Diff from normal	Wet bulb temp °C on 9th	Wet bulb Diff from normal
Alexandria	82	+9	23.4	+1.2
Ezbekiya	63	+5	22.5	+0.2
Gîza	61	+2	22.0	+0.5
Helwân	56	+11	20.7	+1.6

Gîza Grass minimum on 10th 16.4 °C

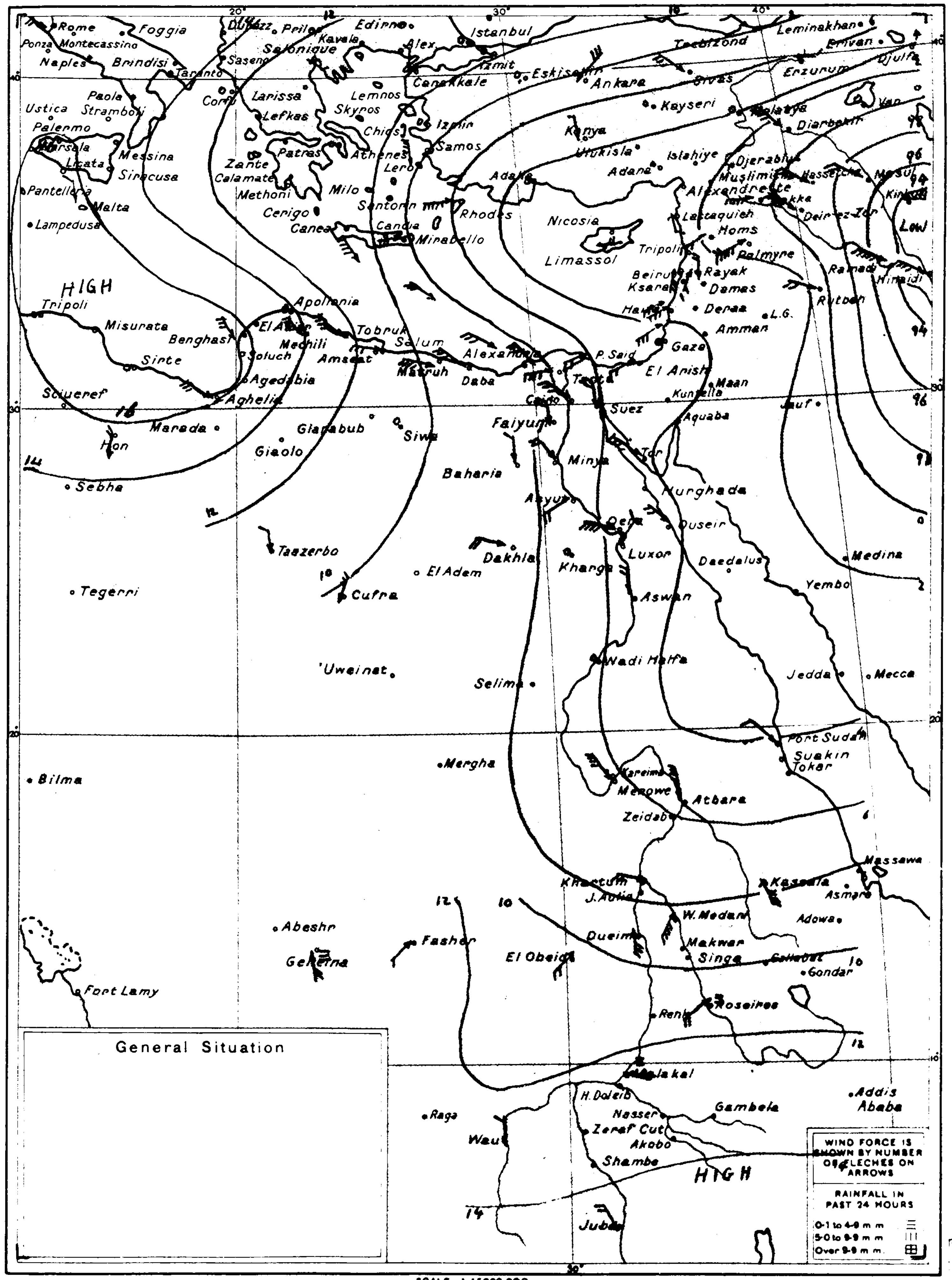
Discharges at Aswan measured by sluices m^3 per sec

Date	1937	1936
10.7	1412	1381
9.7	1390	1440

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	9.7	13.88	+0.34	14.78	+0.64
Nâsser	9.7	8.57	-0.32	8.56	-0.30
Malakâl	10.7	11.24	-0.04	11.22	-0.04
Roseires	10.7	15.57	+0.42	15.45	+0.40
Sennâr Res.	9.7	7.92	—	7.80	—
Khartûm	10.7	12.11	+0.01	12.07	-0.01
Kh. el Girba	9.7	12.50	+0.16	12.56	+0.27
'Atbara	9.7	11.00	-0.19	11.00	-0.12
Kajnarti	9.7	133.05	-0.45	133.07	-0.38
Wâdi Halfa	9.7	2.19	-0.08	2.17	-0.04
Aswân Res.	10.7	100.82	—	101.23	—
D. S.	10.7	86.42	-0.36	86.46	-0.31
El Leisi	9.7	17.90	+0.48	17.92	+0.52
Roda (Cairo)	10.7	15.82	+0.18	15.82	+0.19

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

١٩٣٧-٧-١٠ Pressure and Wind at 8h *10-7-1937*



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

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

At 8h on *9-7-1937* الساعة ٨ يوم ١٩٣٧-٧-٩

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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limasol	1007	-1	E	2	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1009.1	+2.8	WNW	1	29.0	30	-1	24	+3	83	+14	0	—	—	—	0	365	647	حيفا
Gaza	1009.9	+2.9	—	0	26.2	34	+4	21	+1	87	+15	1	7	—	1	0	395	376	غزة

Remarks

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

CAIRO
Time of sunrise 05 h. 03 m.
sunset 18 h. 59 m.

Month *July* 1937 ١٩٣٧ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14h. on *10th* الساعة ٢ يوم ١٠ — At 8h. on *Sunday 11th* الساعة ٨ يوم الأحد ١١

No.	Region	Station	14h Bar. Pressure red. 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 m.m. fr. Oct. 1 to yesterday	Normal m.m. fr. Oct. 1 to yesterday
	Mediterranean	SALÛM	1009.6	NNW	3	30.2	39	0	8	1008.2	-2.3	WNW	4	25.9	33	—	22	—	72	—	6	7	—	0	0	105	
		MATRÛH	1007.8	WNW	5	26.4	87	0	6	1005.8	-4.7	W	5	25.8	26	-2	22	+2	87	+9	0	6	—	0	0	182	158
		DIKHEILA								1004.8	—	WNW	5	26.3	29	—	24	—	85	—	0	6	St	0	0	—	—
32		ALEXANDRIA	1006.6	W	4	29.2	68	0	7	1004.3	-5.5	W	6	25.7	30	0	23	+1	85	+9	0	8	—	0	0	167	190
59		DAMIETTA								1003.4	—	SW	3	28.0	34	—	22	—	73	—	8	—	—	1	0	75	116
134		PORT SAÏD	1004.7	WNW	4	32.3	56	0	7	1003.1	-5.3	WSW	3	27.0	33	+2	23	0	76	+5	0	7	—	0	0	38	82
135		EL 'ARÎSH	1004.3	NNW	2	31.2	59	0	7	1003.1	—	WSW	3	26.5	32	—	22	—	66	—	0	7	Sc	1	0	—	—
136	Lower Egypt	DAMANHÛR								1005.0	-4.4	WSW	3	29.0	33	0	22	+3	66	-1	0	7	—	0	0	78	110
137		MANSÛRA								1003.4	—	NW	2	27.1	36	+1	20	0	72	-1	0	8	—	0	0	45	57
138		TANTA	1005.6	NW	5	33.0	44	0	7	1004.3	-5.6	W	4	27.0	34	-2	20	0	77	+7	0	7	—	0	0	54	48
		ZAGÂZÎG	1005.3	NNW	2	35.9	31	0	8	1004.2	—	NNW	2	26.9	36	+1	20	+1	76	+3	0	8	—	0	0	20	28
	Middle Egypt — Cairo	ALMÂZA	1006.7	NW	3	35.6	32	0	8	1005.5	—	WSW	3	26.0	37	—	20	—	76	—	0	7	Ci	4	0	—	—
		EZBEKÎYA	1004.7	NW	3	36.0	31	0	8	1004.6	-4.6	NNW	1	27.8	37	+2	22	+1	67	-6	0	6	—	0	0	18	34
		GÎZA	1006.0	NNW	3	36.7	23	0	8	1005.0	-5.1	W	2	26.5	37	+2	20	+1	72	0	0	6	—	0	0	16	31
143		HELWÂN	1004.3	NW	3	35.0	26	0	6	1005.3	-4.5	—	0	25.1	36	+1	21	0	73	+7	0	6	—	0	0	17	35
144		SUEZ								1004.7	-3.8	—	0	27.5	38	+2	24	+1	83	+9	0	6	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1005.4	NW	2	36.0	19	0	8	1005.5	-4.4	—	0	27.8	39	+2	20	-1	58	-5	0	6	—	0	0	6	11
154		MINYA	1005.5	NNW	2	36.9	24	0	8	1005.6	-3.3	NW	1	27.1	38	+1	20	-1	50	-13	0	8	—	0	0	16	
155		ASYÛT	1005.9	NSW	3	35.0	25	0	8	1005.3	-3.4	NW	3	28.0	37	0	22	-1	42	-6	0	7	—	0	0	dr.	5
156		QENA	1002.4	WNW	1	40.2	22	0	9	1003.6	-3.2	WSW	4	31.7	41	0	27	+3	30	-10	0	8	—	0	0	dr.	—
157		LUXOR	1003.1	NNW	2	38.2	24	0	8	1003.4	—	NNE	1	35.3	39	—	25	—	35	—	0	8	—	0	0	dr.	—
158		ASWÂN	—	N	2	38.5	19	0	8	—	—	N	2	32.4	39	-3	28	+2	26	-6	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1008.2	—	0	35.2	36	0	6	1007.5	-3.6	—	0	26.5	38	0	21	+1	81	+19	0	6	—	0	0	29	7
149		BAHARÎYA	1007.2	WSW	1	35.6	27	0	9	1006.7	—	NNW	1	28.1	37	—	19	—	51	—	0	9	—	0	0	26	—
151		KHÂRGA	1004.7	N	4	38.4	36	0	9	1005.6	-2.4	—	0	30.3	39	-1	23	0	52	+10	0	9	—	0	0	0	0
152		DÂKHLA	1006.4	NW	3	36.2	16	0	8	1007.0	-2.0	NW	1	28.9	37	-3	21	-2	25	-7	0	7	—	0	0	dr.	—
145	Red Sea	TÔR								1003.2	-3.0	NW	4	27.6	36	+2	26	+2	70	-4	0	6	—	0	0	14	14
146		HURGHÂDA								1004.4	-2.3	NNW	3	30.8	35	0	25	+1	57	+4	0	6	—	0	0	dr.	0
147		QUṢEIR	1003.2	N	3	31.9	66	0	6	1004.0	-2.4	N	3	31.7	36	+2	28	+2	52	+4	0	6	—	0	0	1	7
169		PORT SUDAN								1003.6	-1.4	NW	1	—	—	—	—	—	—	—	0	—	—	0	0	42	112
165	North Sudan	WÂDI HALFA								1007.3	-0.5	—	0	28.9	39	-2	25	+1	34	+12	0	8	Ci	0	—	—	—
166		KAREIMA								1006.0	-2.0	—	0	32.0	42	0	25	-1	30	+3	0	7	Ci	0	0	1	7
167		'ATBARA								1006.4	-1.2	S	2	33.8	42	+1	21	+1	18	-11	0	—	—	0	0	5	18
168		KHARTÛM								1007.3	-1.4	S	5	30.5	42	+3	27	+2	48	-6	1	6	—	0	0	39	32
170		KASSALA								1007.6	-3.4	S	4	29.0	39	+4	25	+2	64	+2	0	8	—	0	0	90	88
171	Central Sudan	WAD MEDANI								1009.3	-0.8	SW	4	29.5	39	+2	23	+1	43	-22	0	—	—	0	0	178	104
173		DUEIM								1009.4	-0.9	SE	4	28.8	40	+3	25	+2	51	-9	0	—	—	0	0	55	79
182		RENK																									
172		ROSEIRES								1010.6	-1.3	WSW	2	24.4	33	0	23	+2	73	-3	2	—	—	1	dr.	320	287
174		EL OBEID								1009.9	-1.7	S	3	27.5	36	+1	24	+2	60	-9	0	8	Ac	0	0	156	96
175		EL FÂSHER								—	—	SW	1	28.0	39	+3	25	+4	54	-7	0	—	—	0	0	85	68
176	S. Sudan	MALAKÂL								1011.0	-1.7	S	2	24.2	27	-4	21	0	83	0	3	8	Ac	2	6	231	419
177		WÂU								1010.6	-0.7	W	1	22.2	34	+2	21	+1	89	+8	3	—	—	1	0	543	611
178		JÛBA								1013.6	+0.9	SE	4	21.9	31	0	19	-1	91	+5	4	8	Cu, Cs	1	dr.	706	596
179		*Geneina*								—	—	SW	3	23.1	28	—	21	—	67	—	2	8	Ci	1	0	—	—
180		*Gallabat*																									

Upper Wind Observations on *11-7-37* ارصاد الرياح العليا يوم ١١-٧-٣٧

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	Cairo 06h.15m Dir	Kms	Helwan 06h.30m Dir	Kms	Asyut 07h.00m Dir	Kms	Aswan 07h.00m Dir	Kms	Wadi Halfa 06h.00m Dir	Kms
200	320	29	300	30	300	44	310	18	20	2	—	—	—	—	350	8
500	—	—	330	36	310	36	320	18	300	10	350	28	340	43	350	29
1000	0	42			340	19	340	19	350	25	330	47	340	45	350	27
1500	0	38							350	32	310	38	330	18	330	31
2000									20	22			320	21	320	26
3000									350	22					250	50
4000									270	10						
5000									300	7						
6000									350	13						

Height metres above M.S.L.	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	Geneina 06h.00m Dir	Kms	Salum 13h.00m Dir	Kms
200	—	—	—	—	—	—	—	—	—	—	—	—	330	17
500	330	27	190	43	—	—	150	19	290	24	—	—	—	—
1000	330	32	250	16	200	53	140	24	250	11	—	—	340	19
1500	280	21	290	6	230	71	180	24	250	13	280	18		
2000	300	51	350	34	260	43	110	10	260	32	330	11		
3000			320	19	20	35	110	13	250	21	0	14		
4000											60	34		
5000											70	34		
6000														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة مرطهد

Station	Mean of day: Humidity % on 10th	Diff. from normal	Wet bulb temp. °C on 10th	Diff. from normal
Alexandria	75	+2	23.6	+1.6
Ezbekiya	49	-9	22.3	0.0
Gîza	53	-6	21.8	+0.2
Helwân	47	+2	20.5	+1.3

Gîza Grass minimum on *11th* 14.5 °C

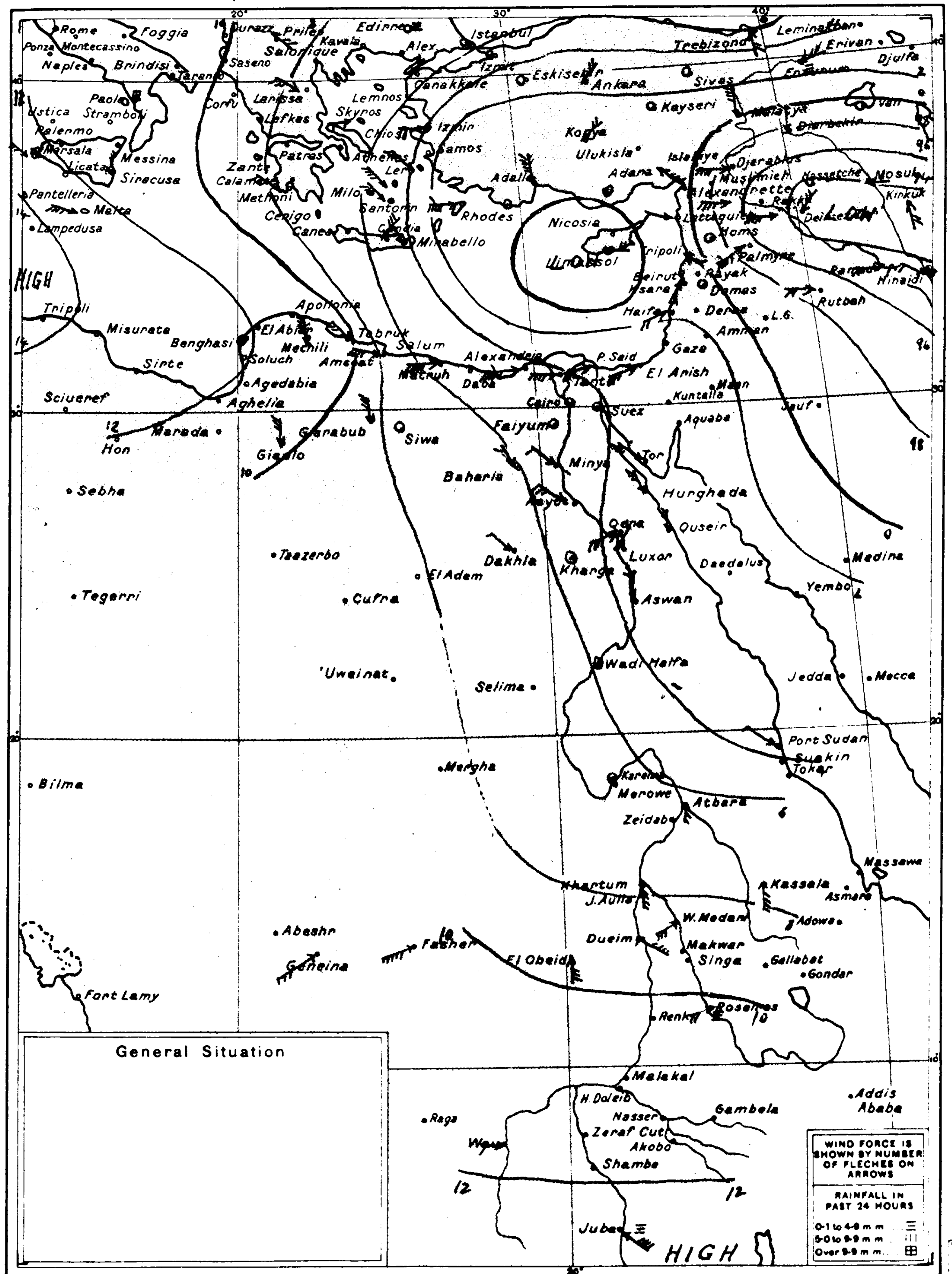
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
11-7	1416	1354
10-7	1412	1381

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	11-7	13.82	+0.27	13.80	+0.25
Nâṣser	10-7	8.58	-0.34	8.57	-0.32
Malakâl	11-7	11.25	-0.05	11.24	-0.04
Roṣeires	11-7	15.66	+0.46	15.57	+0.42
Sennâr Res.	9-7	7.98	—	7.80	—
Khartûm	11-7	12.18	-0.01	12.11	+0.01
Kh. el Girba	10-7	12.52	+0.15	12.50	+0.16
'Atbara	11-7	11.26	-0.07	11.09	-0.22
Kajnarti	11-7	133.12	-0.57	133.07	-0.50
Wâdi Halfa	11-7	2.24	-0.16	2.21	-0.11
Aswân Res.	11-7	130.40	—	130.62	—
,, D. S.	11-7	86.47	-0.43	86.40	-0.36
El Leisi	11-7	17.90	+0.45	17.90	+0.46
Rôda (Cairo)	11-7	15.82	+0.18	15.82	+0.18

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

Pressure and Wind at 8h. *11-7-37* ١١-٧-٣٧



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 *10-7-37* الساعة ٨ يوم ١٠-٧-٣٧

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. To day °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	1003	-5	E	2	25	—	—	—	—	—	—	8	—	—	—	—	—	—	ليماسول
Haifa	1004.3	-1.9	WSW	2	29.4	31	0	24	+5	69	0	0	—	—	—	0	365	647	حيفا
Gaza	1006.3	-0.6	—	0	28.0	34	+4	21	+1	77	+5	3	4	—	1	0	395	376	غزة
Hurghada	1006.7	-0.1	NNW	4	30.7	35	0	25	+1	54	+1	0	6	—	0	0	dr.	0	الغردقة

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

CAIRO

Time of sunrise 05 h. 03 m.

sunset 18 h. 58 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

شهر يوليه

Month July 1937 ١٩٣٧

١٢-٧-٣٧ Pressure and Wind at 8 h. 12-7-37

1417 F.C.

	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
[redacted]	[redacted]UM	1007.6	NNW	3	33.0	36	0	8
	MATRÛH	1006.3	WNW	6	26.1	88	0	6
	DIKHEILA	1004.9	WNW	5	28.2	78	0	—
132	ALEXANDRIA	1004.7	W	5	29.9	67	0	7
159	DAMIETTA							
134	PORT SAÏD	1002.6	NW	3	32.5	66	0	7
135	EL 'ARÎSH	1002.4	NNW	4	29.4	68	0	7
136	DAMANHÛR							
137	MANSÛRA							
	TANTA	1003.5	NW	5	33.5	47	0	7
	ZAGÂZIG	1003.1	NNE	2	35.4	42	0	8
[redacted]	[redacted]ÂZA	1003.8	W	4	36.2	35	0	8
	[redacted]EKÎYA	1003.1	WNW	2	36.8	30	0	8
	[redacted]A	1003.0	NW	3	37.7	26	0	8
143	HELWÂN	1002.8	WNW	5	35.3	24	6	7
144	SUEZ							
153	FAIYÛM	1004.0	NW	3	36.6	23	0	8
154	MINYA	1004.3	NW	2	36.2	24	0	7
155	ASYÛT	1004.4	WSW	3	35.8	18	0	8
156	QENA	1002.3	WSW	3	40.0	21	0	8
157	LUXOR	1002.8	WNW	3	39.6	28	0	8
158	ASWÂN	—	N	2	40.2	22	0	8
148	SÎWA	1006.0	NW	1	38.8	34	0	6
149	BAHARÎYA	1005.6	NNW	2	35.4	31	0	9
151	KHÂRGA	1002.3	NE	2	38.5	37	0	9
152	DÂKHLA	1004.8	NW	3	37.2	19	0	7
145	TÛR							
146	HURGHÂDA							
147	QUSEIR	1002.6	NE	3	33.2	58	0	6
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							

	STATION	At 8h. on Monday 12th (الساعة ٨ يوم الاثنين 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	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 324 hours m.m.	RAINFALL Total from 1 Oct. to yesterday m.m.	RAINFALL Normal from 1 Oct. to yesterday m.m.
[redacted]	[redacted]UM	1008.8	-1.7	WSW	2	26.7	34	—	21	—	56	—	6	6	—	0	0	105	—
	MATRÛH	1007.0	-3.3	W	5	25.6	27	-1	22	+2	84	+6	0	6	Cu	1	0	182	168
	DIKHEILA	1005.8	—	WNW	5	26.8	30	—	24	—	86		6	6	—	0	0	—	—
132	ALEXANDRIA	1005.8	-4.0	NNW	5	26.0	31	+1	24	+2	88	+12	0	8	—	0	0	167	190
159	DAMIETTA	1004.8	—	WSW	2	27.7	33	—	22	—	75	—	3	7	Cu	1	0	75	116
134	PORT SAÏD	1004.8	-3.5	WSW	3	26.9	34	+3	24	+1	75	+4	2	7	Sc	1	0	38	82
135	EL 'ARÎSH	1005.1	—	WSW	2	26.7	31	—	21	—	69	—	0	7	—	0	0	—	—
136	DAMANHÛR	1006.0	-3.3	NW	3	29.1	34	+1	22	+3	70	+3	0	8	—	0	0	78	110
137	MANSÛRA	1004.7	—	NW	2	27.3	36	+1	21	+1	72	-1	0	8	—	0	0	45	57
	TANTA	1005.6	-4.2	NW	4	27.0	34	-2	20	0	77	+7	1	7	Cu	1	0	54	48
	ZAGÂZIG	1006.2	—	NNW	2	27.3	35	0	21	+2	80	+7	0	8	Cu	1	0	20	28
[redacted]	[redacted]ÂZA	1007.0	—	WNW	3	25.3	37	—	21	—	82	—	2	7	Sc	1	0		
	[redacted]EKÎYA	1006.4	-2.7	W	2	27.5	38	+3	23	+2	70	-3	0	5	Cu	0	0	18	34
	[redacted]A	1006.6	-3.4	NNW	2	26.6	38	+3	20	+1	72	0	0	6	Cu	0	0	16	31
143	HELWÂN	1006.4	-3.3	—	0	25.8	37	+2	21	0	71	+5	6	5	—	0	0	17	35
144	SUEZ	1006.0	-2.5	NW	1	28.5	36	0	24	+1	79	+5	0	6	—	0	0	13	26
153	FAIYÛM	1007.0	-2.8	NNE	2	28.9	38	+1	20	-1	55	-9	0	6	—	0	0	6	11
154	MINYA	1007.0	-1.8	N	1	27.6	37	0	21	0	54	-9	0	7	—	0	0	16	—
155	ASYÛT	1006.7	-1.9	NW	2	28.0	37	0	22	-1	54	+6	0	7	—	0	0	dr.	5
156	QENA	1005.3	-1.4	WSW	3	32.0	40	-1	25	+1	26	-14	0	8	—	0	0	dr.	—
157	LUXOR	1004.7	—	SSW	1	34.0	40	—	22	—	36	—	0	8	—	0	0	dr.	—
158	ASWÂN	—	—	—	0	30.5	42	0	23	-3	41	+9	0	8	—	0	0	1	—
148	SÎWA	1009.0	-2.0	—	0	27.1	40	+2	22	+2	82	+20	0	6	—	0	0	29	7
149	BAHARÎYA	1007.9	—	—	0	28.6	37	—	21	—	53	—	0	9	—	0	0	26	—
151	KHÂRGA	1006.6	-1.4	—	0	30.4	39	-1	23	0	54	+12	0	9	—	0	0	0	0
152	DÂKHLA	1008.0	-0.9	NW	1	29.4	39	-1	20	-3	28	-4	0	7	—	0	0	dr.	—
145	TÛR	1004.7	-1.5	NW	4	27.5	33	-1	26	+2	77	+3	0	5	—	0	0	14	14
146	HURGHÂDA	1005.1	-1.6	N	2	31.3	35	0	25	+1	60	+7	0	6	—	0	0	dr.	0
147	QUSEIR	1005.1	-1.2	NNE	1	33.3	35	+1	26	0	54	+6	0	6	—	0	0	1	7
169	PORT SUDAN	1004.4	-0.6	SW	1	—	—	—	—	—	—	—	0	—	—	0	0	42	112
165	WÂDI HALFA	1007.9	+0.1	NNE	2	28.6	40	-1	22	-2	24	+1	1	7	Cu	0	—	—	—
166	KAREIMA	1006.7	-1.3	—	0	31.8	43	+1	26	0	33	+5	0	8	—	0	0	1	7
167	'ATBARA	1006.4	-1.3	NNW	2	33.6	42	+1	25	-1	19	-11	0	—	—	0	0	5	19
168	KHARTÛM	1007.5	-1.3	W	4	32.9	40	+1	29	+4	39	-15	1	7	Cu, Ci	0	0	39	53
170	KASSALA	1007.8	-3.2	S	4	30.0	39	+4	27	+4	53	-9	0	8	Ac	0	0	40	91
171	WAD MEDANI	1008.8	-1.3	SW	3	30.8	39	+2	25	+3	43	-23	2	—	—	0	0	178	108
173	DUEIM	1009.3	-1.0	S	3	31.8	40	+3	25	+2	42	-19	2	—	—	0	0	55	82
182	RENK																		
172	ROSEIRES	1010.6	-1.3	SSW	2	24.9	34	+1	23	+2	77	+1	3	—	—	0	0	320	293
174	EL OBEID	1009.6	-2.1	SW	3	27.7	36	+1	26	+4	57	-12	4	8	Cu, Sc	0	0	156	99
175	EL FÂSHER	—	—	NNW	1	28.0	39	+3	23	+2	54	-7	0	—	—	0	0	85	71
176	MALAKÂL	1010.4	-2.3	SSW	1	26.2	32	+1	23	+2	84	+1	2	8	Ac, Cu	1	0	331	425
177	WÂU	1011.6	+0.2	NW	2	25.0	34	+2	22	+2	77	-4	2	—	—	0	0	543	617
178	JÛBA																		
179	Geneina	—	—	E	3	22.4	33	—	19	—	74	—	2	8	Ac, Cu	0	0	—	—
180	Gallabat																		

Upper Wind Observations on 12-7-37 (ارصاد الرياح العليا يوم ١٢-٧-٣٧)

Height metres above M.S.L.	Salum 07h00m Dir. E of N	Salum Kms per hour	Maltuh 07h00m Dir. E of N	Maltuh Kms per hour	Dikheila 07h30m Dir. E of N	Dikheila Kms per hour	Cairo 08h15m Dir. E of N	Cairo Kms per hour	Helwan 08h30m Dir. E of N	Helwan Kms per hour	Asyut 07h00m Dir. E of N	Asyut Kms per hour	Aswan 07h00m Dir. E of N	Aswan Kms per hour
200	10	12	300	29	320	37	330	18	320	17	—	—	—	—
500	—	—	350	45	340	39	310	14	300	17	0	11	340	19
1000	320	22	Ent.	ll.	340	37	340	41	330	35	330	29		
1500					340	44	340	22	310	20	320	21		
2000									320	20	320	29		
3000														
4000														
5000														
6000														

Height metres above M.S.L.	Wadi Halfa 06h00m Dir. E of N	Wadi Halfa Kms per hour	Kareima 05h00m Dir. E of N	Kareima Kms per hour	Khartum 05h00m Dir. E of N	Khartum Kms per hour	Kassala 07h00m Dir. E of N	Kassala Kms per hour	El Obeid 06h00m Dir. E of N	El Obeid Kms per hour	Malakal 06h00m Dir. E of N	Malakal Kms per hour	Geneina 06h00m Dir. E of N	Geneina Kms per hour	Salum 13h00m Dir. E of N	Salum Kms per hour
200	260	5	—	—	—	—	—	—	—	—	—	—	—	—	330	15
500	300	21	10	40	210	31	—	—	—	—	200	18	—	—	320	24
1000	300	16	0	37	330	61	210	53	230	56	200	16	—	—	320	29
1500	310	19	0	13	240	53	230	50	240	34	260	16	350	21	330	29
2000	320	33	260	27	260	60	270	40	270	34	250	11	280	24		
3000	340	24	240	47	310	26	300	13	330	26	70	13	0	23		
4000	340	37							60	19						
5000	350	34							110	24						
6000																

Forecast for 24 hours from noon on

تغيرات الضغط المتوقع في ٢٤ ساعة من الظهر

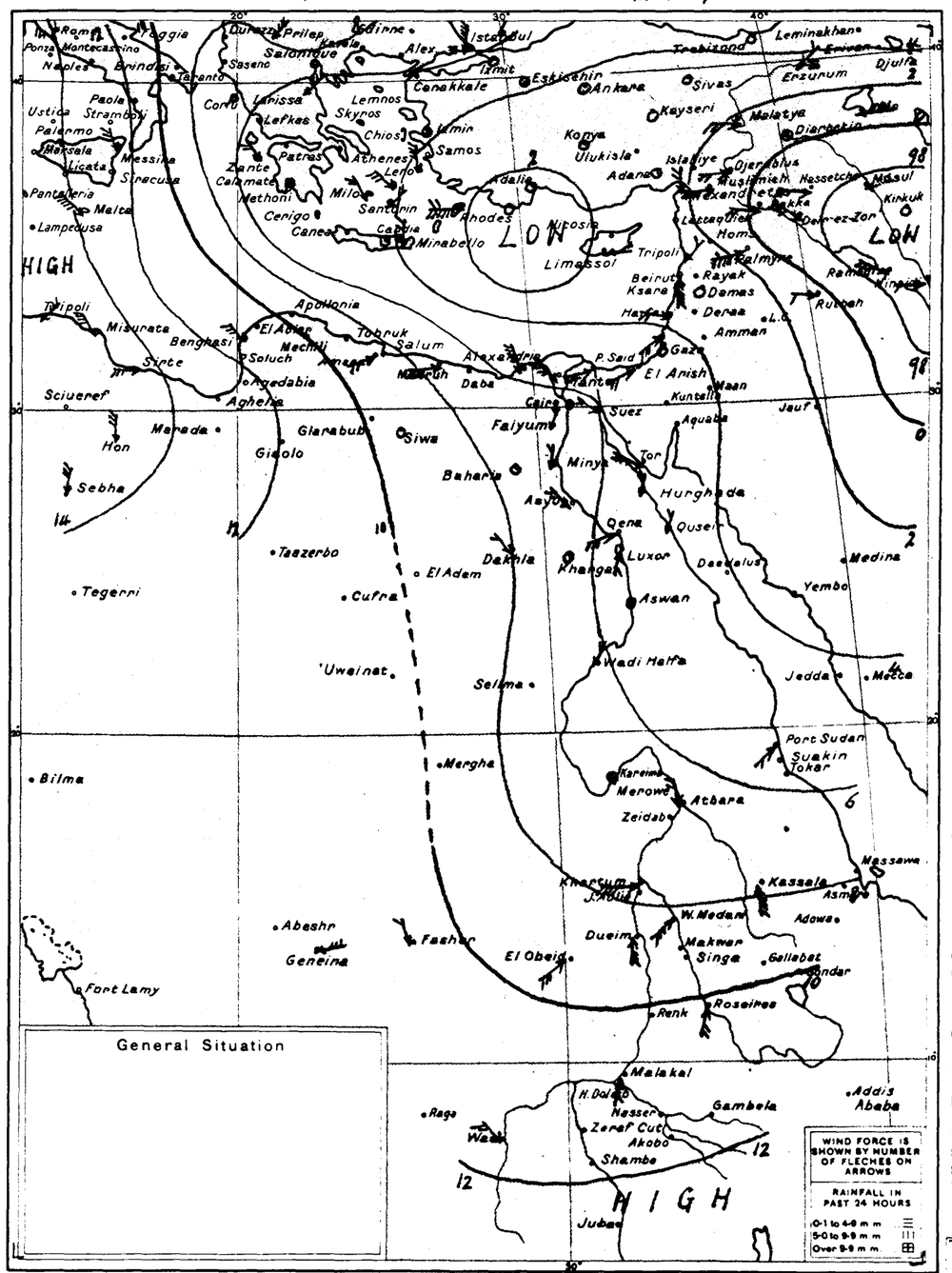
STATION	Mean of day HUMIDITY on 11th	Diff. from normal	WET BULB TEMP. on 11th	Diff. from normal
Alexandria	83	+10	24.4	+2.3
Ezbekiya	57	-1	23.4	+1.1
Giza	61	+2	23.1	+1.5
Helwân	55	+9	21.7	+2.5

Giza Grass minimum on 12th 14.9 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1937	1936
12-7	1413	1327
11-7	1416	1334

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	11-7	13.82	+0.27	13.20	+0.25
Nâsser	11-7	7.60	-0.36	7.58	-0.34
Malakâl	12-7	11.26	-0.05	11.25	-0.05
Roseires	12-7	16.11	+0.75	16.16	+0.40
Sennâr Res.	11-7	8.27	—	7.08	—
Khartûm	12-7	13.21	-0.05	12.18	-0.01
Kh. el Girba	11-7	13.00	-0.41	12.52	+0.15
Atbara	12-7	11.48	+0.08	11.26	-0.07
Kajnarti	11-7	133.12	-0.51	133.07	-0.50
Wâdi Halfa	11-7	2.28	-0.16	2.21	-0.11
Aswân Res.	12-7	99.92	—	100.40	—
D.S.	12-7	86.49	-0.46	86.87	-0.43
El Leisi	12-7	17.90	+0.41	17.90	+0.43
Rôda (Cairo)	12-7	15.82	+0.17	15.82	+0.17



STATION	At 8h. on 11-7-37 (الساعة ٨ يوم ١١-٧-٣٧) 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 To day °C	Minimum Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past 324 hours m.m.	RAINFALL Total from 1 Oct. to yesterday m.m.	RAINFALL Normal from 1 Oct. to yesterday m.m.	معد
Limassol	1000	-7	E	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1002.2	-4.0	WSW	2	30.2	32	+1	25	+4	86	+17	0	—	—	—	0	365	647	حيفا
Gaza	1003.4	-3.5	—	0	27.2	34	+4	22	+2	77	+5	0	4	—	1	0	395	576	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 05 h. 03 m.
sunset 18 h. 58 m.

Month *July* 1937 ١٩٣٧ شهر يوليه

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

DAILY WEATHER REPORT ١٩٣٧-٧-١٣

At 14h. on 12th — الساعة ١٤ يوم ١٢ / At 8h. on Tuesday 13th — الساعة ٨ يوم الثلاثاء ١٣

No.	Station	14h Bar. Pressure red. 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 red. 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																									
	SALÛM	1008.8	NNE	4	27.1	77	0	7	1010.2	-0.3	NNW	3	24.1	31	—	20	—	79	—	2	7	Cu	1	0	105	
	MATRÛH	1007.9	WNW	5	26.4	87	2	6	1008.4	-1.8	WNW	4	24.9	27	-1	21	0	83	+4	3	6	Cu	2	0	182	158
	DIKHEILA	1007.2	WNW	5	28.6	78	6	6	1007.9	—	WNW-	4	26.5	29	—	20	—	83	—	2	—	St	0	0	—	
132	ALEXANDRIA	1007.0	W	4	29.9	71	0	7	1007.9	-1.8	WNW	4	25.5	31	+1	23	+1	85	+9	2	8	Cu	2	0	167	190
159	DAMIETTA								1007.2	—	SW	1	24.0	32	—	21	—	92	—	8	4	Cu	2	0	75	116
134	PORT SAÏD	1005.3	NW	3	31.0	66	0	7	1007.4	-0.8	WSW	3	26.0	32	+1	24	+1	79	+8	0	7	—	0	0	38	82
135	EL 'ARÎSH	1004.7	NNW	3	30.0	78	0	6	1006.7	—	WSW	1	28.8	33	—	22	—	71	—	0	7	—	0	0	—	—
	LOWER EGYPT																									
136	DAMANHÛR								1008.0	-1.2	SSW	3	24.4	34	+1	21	+2	91	+23	8	4	As	4	0	78	110
137	MANSÛRA								1007.1	—	W	1	24.2	35	0	21	+1	86	+13	8	4	—	4	0	45	57
138	TANTA	1005.5	NW	5	33.0	50	0	7	1007.5	-2.2	NW	3	26.8	34	-2	20	0	78	+8	3	6	Cu	2	0	54	48
	ZAGÂZÎG	1007.0	NNW	2	34.9	37	0	8	1007.8	—	WNW	1	24.9	35	0	20	+1	91	+18	0	8	Ci	1	0	20	28
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1005.9	WNW	4	36.3	23	0	7	1007.8	—	ENE	1	29.0	37	—	20	—	47	—	0	7	St	1	0	—	—
	CAIRO EZBEKÎYA	1006.3	NW	2	36.5	31	0	8	1007.1	-2.0	—	0	29.8	38	+3	22	+1	53	-20	0	5	—	0	0	18	34
	CAIRO GÎZA	1005.4	NW	4	36.6	30	0	7	1007.2	-2.8	NNW	1	27.2	37	+2	19	0	65	-8	0	5	—	0	0	16	31
	HELWÂN	1005.1	WNW	3	34.9	26	0	6	1007.4	-2.2	—	0	27.1	36	+1	22	+1	52	-14	6	5	—	0	0	17	35
14[illegible]	SUEZ								1007.8	-0.7	—	0	28.0	37	+1	23	0	79	+5	0	6	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1005.9	WNW	2	36.3	28	0	8	1007.2	-2.5	NNE	4	28.3	38	+1	21	0	52	-12	0	7	—	0	0	6	11
154	MINYA	1006.0	NNW	2	35.8	28	0	8	1007.0	-1.8	NNW	1	29.9	37	0	22	+1	48	-16	0	9	—	0	0	16	
155	ASYÛT	1006.0	NSW	3	36.0	20	0	8	1007.0	-1.6	NSW	2	30.0	38	+1	24	+1	41	-7	0	7	—	0	0	dr.	3
156	QENA	1003.8	WNW	3	40.7	20	0	8	1006.0	-0.7	NNW	1	30.1	41	0	23	-1	39	-1	0	8	—	0	0	dr.	—
157	LUXOR	1003.8	NNW	2	39.8	41	0	8	1005.5	—	—	0	34.9	41	—	22	—	44	—	0	8	—	0	0	dr.	—
158	ASWÂN	1003.2	—	0	39.4	19	0	8	1005.4	-1.8	—	0	31.6	42	0	26	0	29	-3	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1008.3	—	0	37.3	44	0	6	1007.6	-3.4	—	0	26.8	40	+2	21	+1	69	+7	0	6	—	0	0	29	7
149	BAHARÎYA	1006.7	NNW	1	37.7	34	0	9	1008.2		—	0	31.5	38	—	21	—	48	—	0	9	—	0	0	26	—
151	KHÂRGA	1005.5	NW	2	38.6	39	0	9	1006.7	-1.2	—	0	30.2	40	0	24	+1	55	+13	0	9	—	0	0	0	0
152	DÂKHLA	1006.4	NNW	3	38.2	14	0	8	1008.0	-0.9	WNW	1	32.9	39	-1	25	+2	26	-6	0	7	—	0	0	dr.	
	RED SEA																									
145	TÔR								1005.3	-0.9	NW	5	27.5	38	+4	26	+2	74	0	0	5	—	0	0	14	14
146	HURGHÂDA								1006.2	-0.4	NNW	4	31.0	35	0	25	+1	54	0	0	6	—	0	0	dr.	0
147	QUSEIR	1004.3	NNE	2	34.4	57	0	6	1005.8	-0.4	NNW	2	33.0	35	+1	27	+1	44	-4	0	6	—	0	0	1	7
169	PORT SUDAN								1004.3	-0.7	W	1	—	—	—	—	—	—	—	0	—	—	0	0	42	112
	NORTH SUDAN																									
165	WÂDI HALFA								1008.0	+0.2	NNE	1	28.3	40	-1	22	-2	30	+7	0	8	Ci	0	—	—	—
166	KAREIMA								1006.7	-1.3	—	0	32.1	43	+1	26	0	38	+10	1	7	Ci	0	0	1	7
167	'ATBARA								1007.0	-0.7	SSW	4	33.5	43	+2	26	0	17	-14	0	—	—	0	0	5	20
168	KHARTÛM								1008.9	+0.1	SW	4	27.2	40	+1	24	-1	63	+8	3	7	Ac, Ci	3	dr.	39	35
170	KASSALA								1008.6	-2.5	S	4	25.5	39	+4	22	-1	76	+13	1	8	Ac	0	0	90	95
	CENTRAL SUDAN																									
171	WAD MEDANI								1007.9	-2.3	SSW	2	24.2	39	+2	21	-1	80	+14	3	—	—	1	46	224	111
173	DUEIM								1010.2	-0.2	SE	3	24.8	39	+3	23	0	71	+9	4	—	—	6	1	56	85
182	RENK																									
172	ROSEIRES								1012.2	+0.2	SSW	2	21.3	34	+1	21	0	94	+18	5	—	—	6	dr.	320	299
174	EL OBEID								1010.9	-0.8	SE	3	25.2	36	+1	22	0	68	-2	3	8	Cs, Ac	9	0	156	101
175	EL FÂSHER								—	—	SW	1	28.0	40	+4	22	+1	44	-18	0	—	—	0	0	85	75
	S. SUDAN																									
176	MALAKÂL																									
177	WÂU								1011.2	-0.2	S	2	23.0	33	+1	21	+1	88	+7	1	—	—	2	19	562	623
178	JÛBA																									
179	Geneina								—	—	W	3	23.8	35	—	22	—	67	—	2	8	Ac	0	0	—	—
180	Gallabat																									

Upper Wind Observations on 13-7-37 — ارصاد الرياح العليا يوم ١٣-٧-٣٧

Height metres above M.S.L.	Salum 07h00m Dir. E. of N	Salum Kms per hour	Matruh 07h00m Dir.	Matruh Kms	Cairo 08h15m 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 04h00m Dir.	Khartum Kms	Kassala 06h00m Dir.	Kassala Kms	El Obeid 05h00m Dir.	El Obeid Kms	Geneina 07h00m Dir.	Geneina Kms	Ismailia 07h00m Dir.	Ismailia Kms	Salum 12h 13h00m Dir.	Salum 12h Kms	Almaza 12h 12h00m Dir.	Almaza 12h Kms
200	330	19	310	20	30	9	330	12	—	—	—	—	330	8	—	—	—	—	—	—	—	—	—	—	270	10	20	21	330	20
500	310	17	Ent. St.		20	16	20	14	40	17	0	32	30	19	10	40	190	63	—	—	—	—	—	—	310	16	310	22	310	15
1000	260	20			20	23	20	24	0	28	20	19	20	23	10	34	180	77	220	31	180	39	—	—	350	16	300	13	210	24
1500	260	18			20	11	40	17	350	31	340	10	10	21	20	18	190	39	220	27	230	31	290	27	330	13	280	18	330	27
2000							350	10					10	18	280	5			270	24	290	32	340	35					310	21
3000							350	12					90	11	240	37			0	82	70	27	0	37					340	32
4000							30	21					240	13	240	31					30	34								
5000							0	5					240	18																
6000							340	3																						
7000							270	24																						

Forecast for 24 hours from noon on

... القسم المطرى ١٢ ساعة ...

Station	Mean of day: Humidity on 12th	Diff. from normal	Wet bulb temp. on 12th	Diff. from normal
Alexandria	88	+15	24.9	+2.8
Ezbekiya	56	-2	23.3	+1.0
Giza	53	-7	22.6	+1.0
Helwan	49	+3	21.3	+2.0

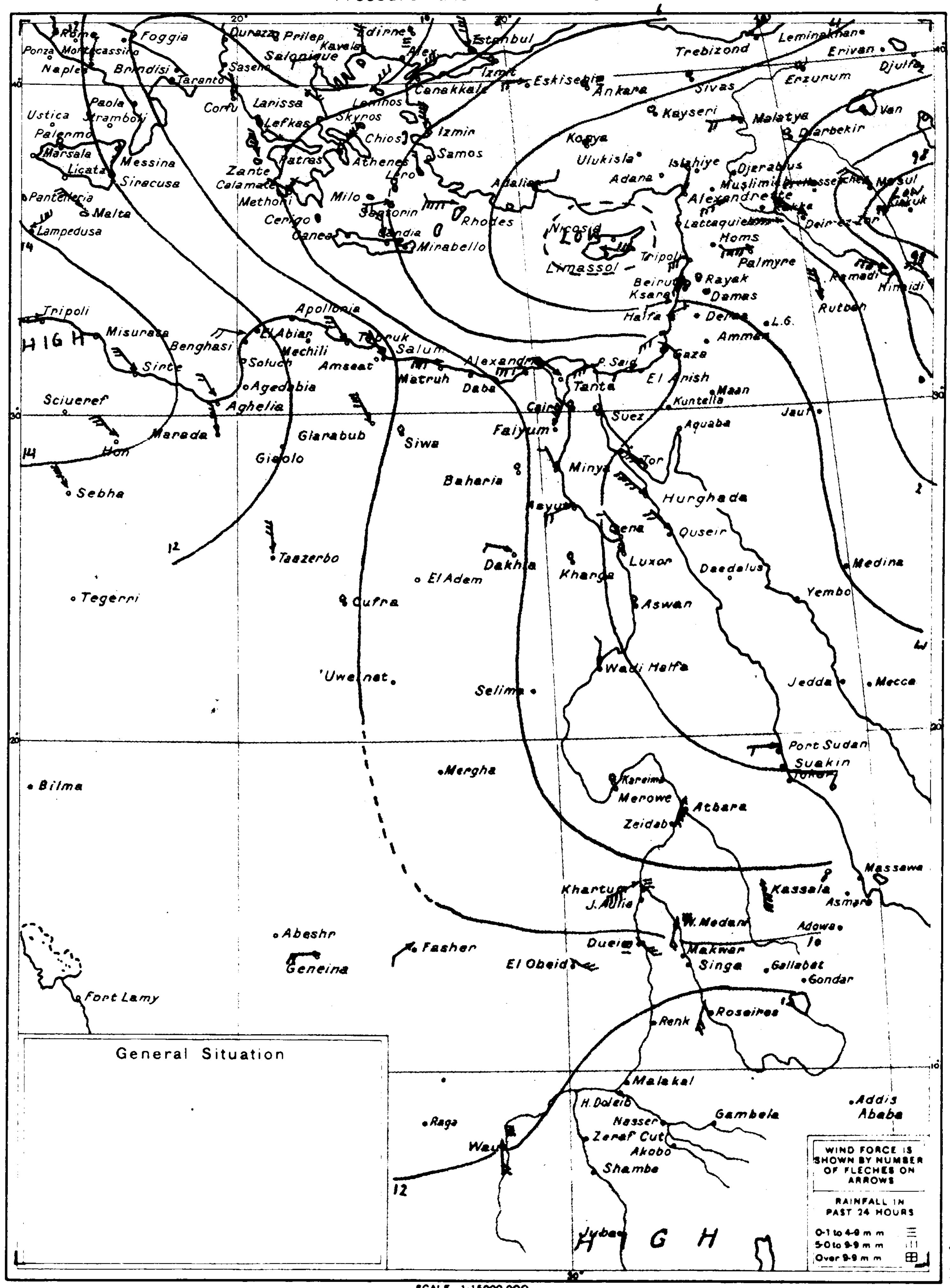
Giza grass minimum on 13th 13.8 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
13-7	1437	1298
12-7	1413	1327

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	12-7	13.80	+0.24	13.82	+0.27
Nâsser	12-7	8.85	-0.34	8.80	-0.36
Malakâl	13-7	11.26	-0.06	11.26	-0.05
Roseires	13-7	16.59	+1.14	16.4	+0.75
Sennâr Res.	12-7	7.41	—	8.27	—
Khartûm	12-7	12.21	-0.05	12.16	-0.01
Kh. el Girba	12-7	11.86	-0.57	12.00	-0.41
Atbara	13-7	11.56	+0.08	11.48	+0.08
Kajnarti	12-7	133.20	-0.61	133.12	-0.51
Wâdi Halfa	13-7	2.36	-0.18	2.28	-0.20
Aswân Res.	13-7	99.44	—	99.92	—
D.S.	13-7	86.52	-0.50	86.49	-0.46
El Leisi	13-7	17.90	+0.39	17.90	+0.41
Rôda (Cairo)	13-7	15.82	+0.16	15.82	+0.17

Pressure and Wind at 8h 13-7-37



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

At 8h on 12-7-37 — الساعة ٨ يوم ١٢-٧-٣٧

Station	Bar. pressure red. 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	1003	-4	E	1	27	—	—	—	—	—	—	6	—	—	—	—	—	—	ليماسول
Haifa	1004.4	-1.7	NNW	2	29.8	32	+1	25	+4	69	0	0	—	—	—	0	365	647	حيفا
Gaza	1005.0	-1.8	—	0	27.9	35	+5	21	+1	77	+5	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 05 h. 04 m.
sunset 18 58

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

DAILY WEATHER REPORT

Month *July* 1937 ١٩٣٧ شهر يوليه

Column key: At 14h on 13th (١٣ يوم الساعة ٢): Bar. = Barometric pressure reduced to M.S.L. (mb), Dir./F. = wind direction and force, T = temperature (°C), H = humidity (%), PW = present weather, V = visibility. At 8h on *Wednesday 14th* (الساعة ٨ يوم الاربعاء ١٤): Bar. = reduced to M.S.L. (mb), Diff. = difference from normal (mb), Dir./F. = wind direction and force, Dry = dry bulb (°C), Max Yest. = maximum yesterday (°C), Diff. = difference from normal (°C), Min Today = minimum today (°C), Diff. = difference from normal (°C), Hum % = humidity (%), Diff. = difference from normal (%), PW = present weather, Vis. = visibility, Cloud = cloud form, Past W. = past weather. Rainfall (mm): Past 24h = past 24 hours, Total = total from Oct. 1 to yesterday, Normal = normal from Oct. 1 to yesterday.

No.	Region	Station	14h Bar.	14h Dir.	14h F.	14h T	14h H	14h PW	14h V	8h Bar.	Diff.	Dir.	F.	Dry	Max Yest.	Diff.	Min Today	Diff.	Hum %	Diff.	PW	Vis.	Cloud	Past W.	Rain Past 24h	Total	Normal
	Mediterranean	SALÛM	1007.9	NNE	5	31.2	48	0	8	1011.4	+0.9	NNW	3	23.8	32	—	19	—	73	—	1	8	Cu	1	0	105	—
		MATRÛH	1008.6	NW	3	26.8	78	0	6	1009.9	-0.2	NW	3	24.9	27	-1	24	+3	78	-1	3	6	Cu	2	0	182	158
		DIKHEILA	1009.1	NW	4	27.8	79	0	—	1009.9	—	WNW	2	26.0	28	—	22	—	73	—	2	8	Sc	0	0	—	—
132		ALEXANDRIA	1008.4	N	4	29.0	72	0	8	1009.8	+0.2	W	1	25.1	30	0	23	+1	77	+1	2	9	Cu	2	0	167	190
159		DAMIETTA								1008.6	—	S	1	27.3	34	—	22	—	71	—	2	8	Cu	2	0	75	116
134		PORT SAÏD	1007.8	NW	4	32.0	59	0	7	1009.1	+1.0	NNW	2	26.9	33	+2	23	0	73	+1	0	7	—	0	0	38	82
135		EL 'ARÎSH	1007.1	NNW	3	29.6	82	0	7	1008.6	—	SSE	1	27.9	31	—	21	—	71	—	1	7	Ac	1	0	—	—
136	Lower Egypt	DAMANHÛR								1009.4	+0.2	NNE	1	27.3	34	+1	21	+2	74	+6	3	6	Cu	1	0	78	110
137		MANSÛRA								1008.8	—	NE	1	26.3	36	+1	22	+2	72	-2	0	7	Ci	1	0	45	57
138		TANTA	1007.2	NNW	2	34.0	38	0	7	1009.3	-0.3	—	0	26.0	35	-1	20	0	84	+13	0	7	—	0	0	54	48
		ZAGÂZÎG	1007.4	NNW	1	35.2	36	0	8	1009.1	—	NNW	1	26.8	35	0	20	+1	80	+6	0	8	Ci	1	0	20	28
	Middle Egypt	CAIRO ALMÂZA	1007.8	NW	3	36.2	16	0	7	1009.4	—	NNW	3	25.2	37	—	19	—	76	—	1	7	St	1	0	—	—
		CAIRO EZBEKÎYA	1006.8	WNW	1	36.6	24	0	8	1008.7	-0.3	NNW	2	26.0	37	+2	22	+1	80	+7	0	6	Cu	0	0	18	34
		CAIRO GÎZA	1006.7	NNE	1	36.8	23	0	7	1008.8	-1.1	NNW	2	24.3	37	+2	20	+1	88	+15	2	5	St	1	0	16	31
143		HELWÂN	1006.3	NW	3	35.7	12	0	7	1008.4	-1.1	NNW	2	28.7	36	+1	22	+1	36	-31	0	6	—	0	0	17	35
144		SUEZ								1008.4	-0.1	N	2	30.0	38	+2	23	0	65	-9	0	6	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1006.6	NNW	3	36.3	20	0	8	1008.4	-1.3	N	3	28.2	38	+1	21	0	61	-3	0	6	—	0	0	6	11
154		MINYA	1006.0	NNW	2	37.3	24	0	9	1007.9	-0.8	NNE	1	30.7	38	+1	23	+2	43	-21	0	8	—	0	0	16	—
155		ASYÛT	1005.6	WNW	3	33.4	27	0	8	1007.5	-1.0	NNW	2	31.0	36	-1	23	0	38	-10	0	7	—	0	0	dr.	5
156		QENA	1004.4	SW	2	40.8	21	0	9	1006.7	0.0	NNW	1	30.5	41	0	23	-1	39	-1	0	7/8	—	0	0	dr.	—
157		LUXOR	1004.3	ENE	1	41.9	46	0	8	1005.9	—	—	0	33.6	42	—	23	—	47	—	0	8	—	0	0	dr.	—
158		ASWÂN	1002.8	—	0	41.3	20	0	8	1006.3	-0.9	—	0	32.3	43	+1	26	0	32	0	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1007.0	NNW	1	36.8	37	0	6	1010.6	-0.4	—	0	26.3	39	+1	21	+1	70	+8	0	6	—	0	0	29	7
149		BAHARÎYA	1007.1	ENE	1	38.1	31	0	9	1009.0	—	NNE	1	29.8	40	—	23	—	57	—	0	9	—	0	0	26	—
151		KHÂRGA	1005.5	NE	1	39.6	49	0	9	1006.8	-1.1	N	2	32.7	40	0	21	-2	57	+15	0	9	—	0	0	0	0
152		DÂKHLA	1006.0	NNE	3	39.2	19	0	8	1008.0	-0.8	NW	1	33.5	40	0	25	+2	28	-4	0	7	—	0	0	dr.	—
145	Red Sea	TÔR								1006.0	-0.1	NW	4	28.0	34	0	25	+1	71	-3	0	6	—	0	0	14	14
146		HURGHÂDA								1006.6	0.0	NNW	2	32.5	34	-1	24	0	47	-7	0	6	—	0	0	dr.	0
147		QUSEIR	1005.0	N	3	33.9	51	0	6	1006.3	+0.1	NNW	2	32.3	35	+1	27	+1	48	0	0	6	—	0	0	1	7
169		PORT SUDAN								1005.0	0.0	SE	1	—	—	—	—	—	—	—	2	—	—	0	0	42	113
165	North Sudan	WÂDI HALFA								1008.3	+0.5	—	0	29.8	41	0	24	0	27	+4	2	8	Cc	1	—	—	—
166		KAREIMA								1007.2	-0.8	—	0	33.0	42	0	25	-1	30	+1	0	7	—	0	0	1	8
167		'ATBARA								1005.5	-2.3	N	3	31.0	41	0	27	+1	25	-7	0	—	—	0	0	5	21
168		KHARTÛM								1010.1	+1.3	S	4	28.0	38	-1	26	+1	63	+7	2	7	Cu, Ci	0	0	39	37
170		KASSALA								1010.4	-0.7	NE	5	25.2	35	0	22	-1	68	+5	1	8	Ac	0	0	90	98
171	Central Sudan	WAD MEDANI								1011.5	+1.3	SSW	5	24.7	32	-4	22	0	75	+9	2	—	—	0	0	224	115
173		DUEIM								1010.3	-0.1	SE	4	24.8	39?	+3	23	0	76	+14	4	—	—	2	0	56	88
182		RENK																									
172		ROSEIRES								1012.6	+0.6	SSW	2	21.7	28	-5	21	0	90	+13	4	—	—	2	5	325	305
174		EL OBEID								1011.5	-0.3	S	3	23.8	34	-1	23	+1	83	+12	5	8	Ac, As	1	1	157	104
175		EL FÂSHER								—	—	SW	1	26.5	40	+4	24	+3	69	+7	0	—	—	0	0	85	78
176	S. Sudan	MALAKÂL								1012.3	-0.4	SSE	3	23.0	30	-1	21	0	83	0	4	8	Sc, Ac	2	dr.	331	437
177		WÂU								1016.8	+5.4	SE	2	23.5	31	-1	22	+2	91	+9	3	—	—	2	8	570	630
178		JÛBA								1014.6	+1.8	NE	2	22.8	31	0	20	0	83	-3	8	3	St	4	0	706	609
179		Geneina								—	—	SW	3	22.6	36	—	20	—	66	—	1	8	Ci	0	dr.	—	—
180		Gallabat																									

Upper Wind Observations on 14-7-37 ارصاد الرياح العليا يوم ١٤-٧-٣٧

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

Height	Salum 07h00m Dir.	Kms	Matruh 07h00m Dir.	Kms	Dikheila 07h00m Dir.	Kms	Cairo 07h00m Dir.	Kms	Helwan 08h30m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 06h00m Dir.	Kms	Kareima 05h00m Dir.	Kms	Khartum —h—m Dir.	Kms	Kassala 07h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Juba 06h00m Dir.	Kms	Geneina 06h00m Dir.	Kms	Salum 13h00m Dir.	Kms
200	330	17	320	22	310	14	30	16	20	12	—	—	—	—	340	11	—	—	—	—	—	—	—	—	—	—	—	—	20	27
500	—	—	320	23	320	11	60	19	50	14	50	25	10	20	30	10	210	14	200	21	—	—	150	19	280	11	—	—	—	—
1000	280	4	Ent. St.		310	26	10	29	0	35	0	29	0	38	180	2	110	13	210	18	190	63	180	27	240	8	230	29	270	21
1500					290	59	330	40	330	42			20	26			50	26	210	14	210	31	220	21	290	27	260	35		
2000									20	13			260	7			60	24	230	11	250	40	200	14	280	26	310	29		
3000									40	6											0	40	110	14	260	14	80	18		
4000									100	7																	80	27		
5000									200	10																				
6000									220	29																				
7000									200	30																				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة مرطبه

Station	Mean of day Humidity % on 13th	Diff. from normal	Wet bulb temp. °C on 13th	Diff. from normal
Alexandria	83	+10	24.1	+1.9
Ezbekiya	45	-13	22.4	0.0
Giza	52	-8	22.5	+0.9
Helwân	35	-11	19.5	+0.1

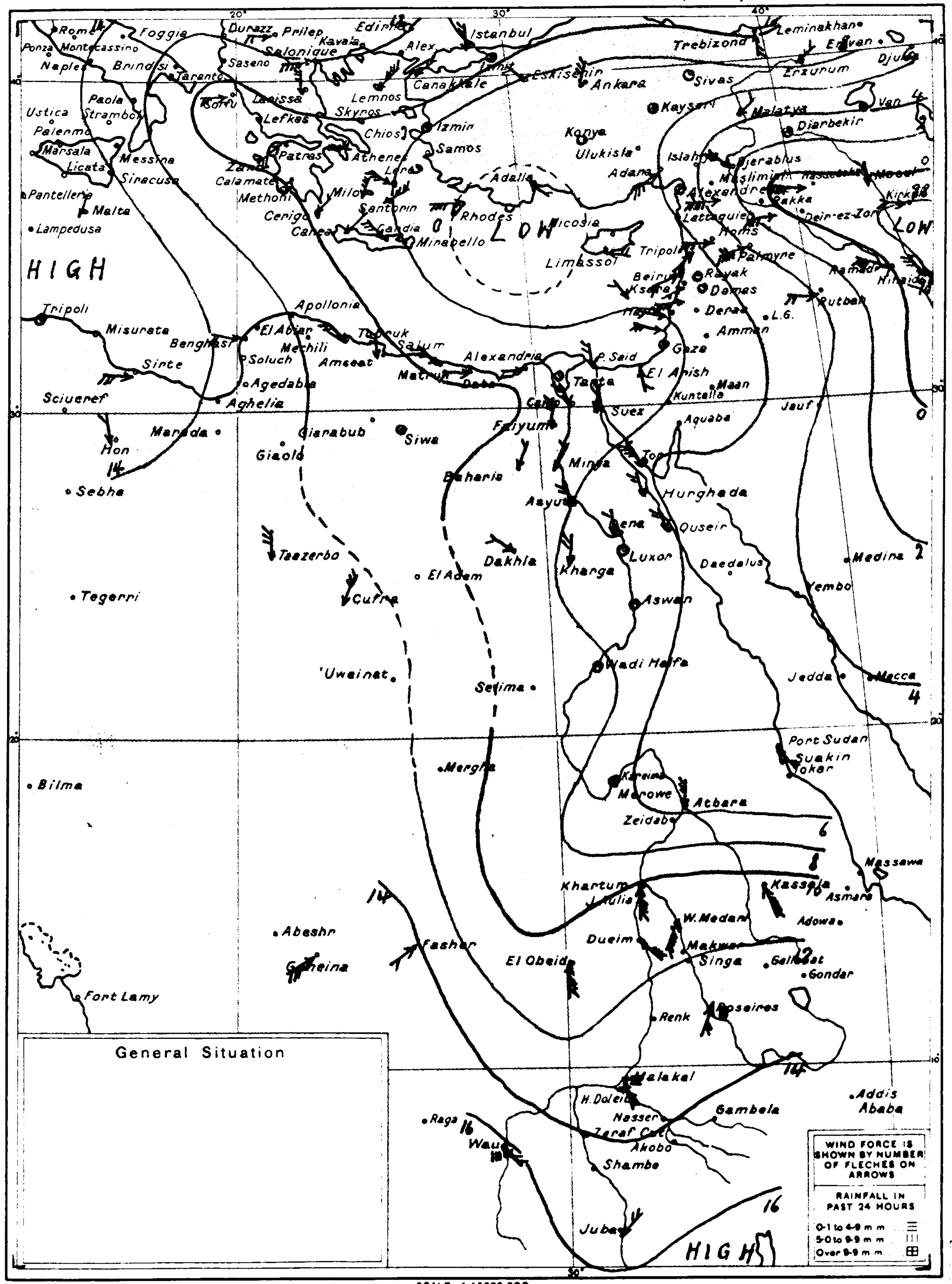
Giza Grass minimum on 14th 15.2°C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
14-7	1472	1316
13-7	1437	1298

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	14-7	13.65	+0.09	13.68	+0.12
Nâsser	13-7	8.69	-0.33	8.65	-0.34
Malakâl	14-7	11.26	-0.07	11.26	-0.06
Roseires	14-7	16.84	+1.38	16.59	+1.14
Sennâr Res.	13-7	8.58	—	8.41	—
Khartûm	14-7	12.47	+0.03	12.32	-0.06
Kh. el Girba	13-7	11.60	-0.66	11.86	-0.57
'Atbara	14-7	11.52	-0.03	11.56	+0.08
Kajnarti	14-7	133.76	-0.32	133.40	-0.52
Wâdi Halfa	14-7	2.53	-0.11	2.36	-0.18
Aswân Res.	14-7	98.87	—	99.44	—
,, D. S.	14-7	86.58	-0.47	86.52	-0.50
El Leisi	14-7	17.90	+0.37	17.90	+0.39
Rôda (Cairo)	14-7	15.84	+0.18	15.82	+0.16

١٩٣٧-٧-١٤ Pressure and Wind at 8 h. 14-7-1937.



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 13-7-37 الساعة ٨ يوم ١٣-٧-٣٧

Station	Bar. Reduced to M.S.L. mb	Diff. from normal mb	Wind Dir.	Force	Dry Bulb °C	Max Yester-day °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 mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm	مرصد
Limassol	1004	-3	E	3	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.2	+1.1	ENE	1	29.7	33	+2	24	+3	66	-3	0	—	—	0	0	365	647	حيفا
Gaza	1006.7	-0.1	—	0	27.4	—	—	21	+1	54	-18	1	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 05 h. 04 m.
sunset 18 h. 57 m.

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

Month July 1937 ١٩٣٧ شهر يوليه

DAILY WEATHER REPORT

At 14h. on 14th — الساعة ١٤ يوم ١٤ ; At 8h. on Thursday 15th — الساعة ٨ يوم الخميس ١٥

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	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.
	MEDITER. SALÛM	1011.1	NNE	4	25.9	72	0	8	1013.1	+2.7	NW	3	23.4	28	—	19	—	72	—	2	7	Cu	1	0	105	—
	MATRÛH	1010.2	NW	4	26.6	78	1	6	1011.2	+1.2	WNW	3	24.4	27	-1	20	-1	80	+1	3	6	Sc	2	0	182	158
	DIKHEILA	1010.4	WNW	4	26.8	69	0	—	1011.1	—	NW	3	26.0	28	—	24	—	73	—	2	8	Sc	0	0	—	—
	ALEXANDRIA	1009.4	WNW	4	28.8	62	0	9	1010.7	+1.1	NW	1	25.4	30	0	24	+2	74	-2	2	9	Cu	2	0	167	190
159	DAMIETTA								1009.8	—	NNW	2	28.6	32	—	22	—	66	—	2	8	Cu	2	0	75	116
134	PORT SAÏD	1009.8	NNW	3	28.7	65	0	7	1010.0	+1.9	NNW	3	27.8	30	-1	23	0	62	-10	2	7	Sc	1	0	38	82
135	EL 'ARÎSH	1008.3	NNW	3	28.0	86	0	7	1009.5	—	WNW	1	27.8	30	—	23	—	66	—	2	6	Cb	1	0	—	—
136	LOWER EGYPT DAMANHÛR								1010.6	+1.5	WNW	1	26.9	32	-1	20	+1	64	-4	3	7	Cu	1	0	78	110
137	MANSÛRA								1009.9	—	N	2	25.6	35	0	21	+1	66	-8	1	7	Cc	1	0	45	57
	TANTA	1008.6	NNE	3	32.5	49	0	7	1010.4	+0.9	NNE	2	26.0	34	-2	19	-1	69	-2	3	6	Cu	2	0	54	48
	ZAGÂZÎG	1008.8	NNW	1	34.4	38	0	8	1010.6	—	NNW	1	25.4	34	-1	20	+1	67	-7	1	8	Cs	1	0	20	28
	MIDDLE EGYPT CAIRO ALMÂZA	1007.4	NNW	4	34.6	37	0	7	1010.6	—	N	3	24.9	36	—	19	—	68	—	3	7	Sc	2	0	—	—
	EZBEKÎYA	1007.6	N	2	35.0	35	0	8	1010.2	+1.2	NNW	2	26.8	37	+2	21	0	63	-10	0	6	Cu	1	0	18	34
	GÎZA	1007.6	N	3	35.4	35	0	7	1010.2	+0.3	NNE	2	25.3	36	+1	20	+1	73	0	2	6	Ac	1	0	16	31
143	HELWÂN	1007.4	WNW	5	34.7	28	0	7	1010.3	+0.9	N	3	24.3	35	0	21	0	66	-1	1	6	Ci	0	0	17	35
144	SUEZ								1010.3	+1.9	N	1	26.2	—	—	22	-1	87	+13	0	6	Cs	1	0	13	26
153	UPPER EGYPT FAIYÛM	1007.8	NNW	5	35.6	30	0	8	1010.3	+0.7	NNE	3	26.0	37	0	21	0	64	0	0	6	Cu	0	0	6	11
154	MINYA	1007.1	N	3	36.9	26	0	7	1009.6	+1.0	NNW	2	26.9	37	0	22	+1	64	0	0	8	—	1	0	16	—
155	ASYÛT	1005.9	NW	3	37.8	20	0	8	1009.1	+0.7	NW	2	29.0	38	+1	23	0	52	+4	0	7	—	0	0	dr.	5
156	QENA	1005.0	SW	2	40.2	20	0	8	1007.9	+1.3	W	2	32.0	42	+1	26	+2	38	-2	0	8	—	0	0	dr.	—
157	LUXOR	1004.7	WSW	1	41.6	43	1	8	1007.4	—	—	0	34.2	43	—	24	—	49	—	0	8	—	0	0	dr.	—
158	ASWÂN	1003.5	NNW	2	40.9	21	1	8	1007.4	+0.2	—	0	32.2	43	+1	26	0	42	+10	0	8	—	0	0	1	—
148	WESTERN DESERT SÎWA	1009.1	—	0	36.9	41	0	6	1011.8	+0.9	—	0	27.6	38	0	21	+1	66	+4	0	6	—	0	0	29	7
149	BAHARÎYA	1007.2	NW	2	38.5	34	0	9	1011.0	—	NNE	1	26.4	39	—	22	—	70	—	0	9	—	0	0	26	—
151	KHÂRGA	1005.5	NE	1	40.0	50	0	9	1007.1	-0.8	N	1	32.3	41	+1	23	0	59	+17	0	9	—	0	0	0	0
152	DÂKHLA	1006.4	WNW	4	40.2	25	0	8	1009.5	+0.7	—	0	32.5	41	+1	22	-1	36	+4	0	9	—	0	0	dr.	—
145	RED SEA TÔR								1007.0	+0.9	NW	4	28.5	34	0	26	+2	61	-13	0	6	—	0	0	14	14
146	HURGHÂDA								1008.0	+1.4	NNW	4	31.0	35	0	27	+3	58	+4	0	5	—	0	0	dr.	0
147	QUSEIR	1004.8	NNE	3	33.5	53	0	6	1007.1	+0.9	NW	2	32.3	35	+1	27	+1	49	+1	0	6	—	0	0	1	7
169	PORT SUDAN								1004.7	-0.3	NE	2	—	—	—	—	—	—	—	0	—	—	0	0	42	113
165	NORTH SUDAN WÂDI HALFA								1008.8	+1.0	—	0	28.7	41	0	24	0	28	+5	0	8	Ci	0	—	—	
166	KAREIMA								1007.7	-0.3	SSW	3	31.9	43	+1	26	0	33	+3	6	5	Cs	0	0	1	8
167	'ATBARA								1008.6	+0.8	SSW	3	33.0	41	0	29	+3	21	-11	0	—	—	0	0	5	21
168	KHARTÛM								1010.4	+1.6	S	2	27.2	37	-2	24	-1	77	+20	5	6	Sc	9	3	42	38
170	KASSALA								1010.3	-0.8	S	4	28.2	36	+1	25	+2	70	+6	3	8	Sc	1	0	90	101
171	CENTRAL SUDAN WAD MEDANI								1011.6	+1.3	SW	3	27.5	34	-2	24	+2	63	-3	2	—	—	0	0	224	119
173	DUEIM								1011.4	+0.9	S	3	28.0	35	-1	25	+2	58	-4	4	—	—	1	0	56	91
182	RENK																									
172	ROSEIRES								1012.0	0.0	W	2	24.4	30	-3	21	0	80	+3	2	—	—	1	0	441	311
174	EL OBEID								1011.7	-0.1	S	3	25.2	33	-1	23	+1	76	+5	2	8	Ac	1	0	157	107
175	EL FÂSHER								—	—	SW	1	25.0	38	+3	23	+2	76	+13	1	—	—	0	0	85	82
176	S. SUDAN MALAKÂL								1013.9	+1.2	NNW	2	23.7	32	+1	21	0	83	0	4	8	Sc,Ac	2	7	338	443
177	WÂU								1014.0	+2.6	W	3	25.5	29	-3	20	0	92	+10	5	—	—	2	16	586	636
178	JÛBA								1015.7	+2.9	ESE	2	22.0	31	0	21	+1	91	+5	8	2	—	4	dr.	706	614
179 / 180	Geneina / Gallabat								—	—	SW	3	21.0	36	—	20	—	74	—	3	8	Ac	2	0	—	—

Upper Wind Observations on 15-7-37 — ارصاد الرياح العليا يوم ١٥-٧-٣٧

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	Cairo 07h.00m Dir.	Kms	Helwan 07h.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 04h.00m Dir.	Kms	Kassala 06h.00m Dir.	Kms	Malakal 05h.00m Dir.	Kms	Juba 06h.00m Dir.	Kms	Geneina 06h.00m Dir.	Kms	Salum 14th 13h.00m Dir.	Kms
200	340	15	300	16	320	10	0	17	20	50	—	—	—	—	330	8	—	—	—	—	—	—	—	—	—	—	—	—	20	30
500	350	20	310	19	330	13	30	19	10	57	30	31	10	28	20	8	250	24	210	31	—	—	280	16	270	16	—	—	—	—
1000	310	18	310	41			330	30	300	27	350	35	350	28	350	14	250	8	210	58	220	50	250	18	290	8	210	18	250	6
1500	300	49	Ent. Sc.				340	30	300	30	310	32	300	24	350	16	50	21	240	56	220	54	250	26	350	29	260	32		
2000	280	66							290	21			300	28	350	10			230	61	220	37	220	31	320	27	270	33		
3000									290	10					230	31					20	55	230	29	310	35	290	63		
4000									340	3					240	37							190	14						
5000									180	16													190	13						
6000									180	20																				
7000									190	23																				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 14th	Diff from normal	Wet bulb temp. °C on 14th	Diff from normal
Alexandria	74	+1	22.6	+0.4
Ezbekiya	59	+1	22.9	+0.5
Gîza	67	+7	23.0	+1.3
Helwân	34	-12	20.6	+1.2

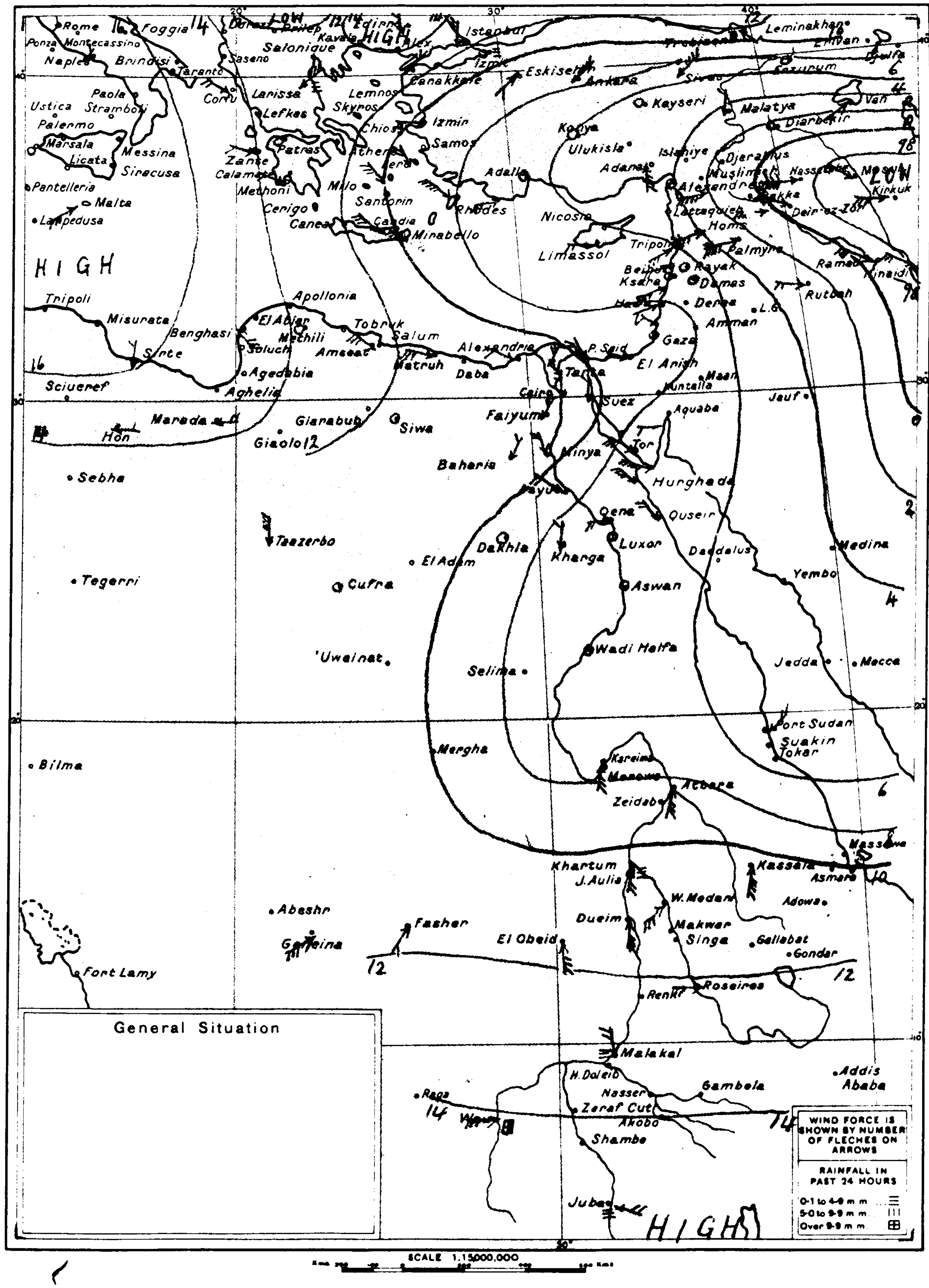
Gîza Grass minimum on 15th 15.6°C

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

DATE	1937	1936
15-7	1471	1357
14-7	1472	1316

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m
Jûba	15-7	13.70	+0.13	13.65	+0.07
Nâsser	14-7	8.77	-0.28	8.69	-0.33
Malakâl	15-7	11.29	-0.05	11.26	-0.07
Roseires	15-7	16.44	+0.74	16.84	+1.28
Sennâr Res.	14-7	8.82	—	8.58	—
Khartûm	14-7	12.47	+0.03	12.32	-0.06
Kh. el Girba	14-7	11.98	-0.34	11.60	-0.86
'Atbara	15-7	11.50	-0.12	11.52	-0.63
Kajnarti	15-7	134.17	-0.03	133.76	-0.32
Wâdi Halfa	15-7	2.79	+0.06	2.53	-0.11
Aswân Res.	15-7	98.28	—	98.87	—
,, D. S.	15-7	86.58	-0.52	86.58	-0.47
El Leisi	15-7	17.92	+0.37	17.70	+0.37
Rôda (Cairo)	15-7	15.84	+0.17	15.84	+0.18

Pressure and Wind at 8 h. 15-7-37 ١٥-٧-٣٧



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 14.7.37. — الساعة ٨ يوم ١٤/٧/١٩٣٧

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.	محطة
Limassol	1007	0	E	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.4	+7.3	WNW	1	28.9	32	+1	24	+2	87	+18	0	—	—	—	0	365	647	حيفا
Gaza	1008.3	+1.5	—	0	26.8	35	+5	20	0	74	+2	0	9	—	0	0	395	376	غزة

Ship 53289 - 35006 - 24101 - 09782 - 34002 - 30002 - 00168 سفينة
" 53276 - 34006 - 28500 - 08881 - 61700 - 43000 "

Remarks

Roseires rain fall 24 hrs ending 8h on 13th 116 mms.

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

CAIRO
Time of sunrise h. 05 m. 05
sunset h. 18 m. 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month July 1937 ١٩٣٧ شهر يوليه

At 14h. on 16th الساعة ٢ 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 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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
[illegible]	Mediterranean	SALÛM	1012.6	NNE	4	25.8	74	1	8	1013.6	+3.1	NNW	3	24.0	27	—	20	—	82	—	0	7	Cu	0	0	105	—
[illegible]		MATRÛH	1011.2	NNW	4	26.2	77	0	6	1011.5	+1.5	NNW	3	25.2	26	-2	24	+3	81	+2	3	6	Sc	2	0	182	158
[illegible]		DIKHEILA	1011.5	NW	4	27.0	70	2	8	1010.7	—	NNW	6	26.2	28	—	24	—	66	—	0	8	Cu	0	0	—	—
[illegible]		ALEXANDRIA	1010.4	NW	4	28.2	64	0	9	1010.3	+0.7	NW	4	25.9	30	0	24	+1	67	-9	1	9	Cu	0	0	167	190
139		DAMIETTA								1010.0	—	NW	2	28.2	32	—	21	—	65	—	1	8	Cu	1	0	75	116
134		PORT SAÏD	1009.5	NNW	3	30.0	55	0	7	1009.1	+1.0	WNW	3	27.0	30	-1	24	+1	69	-3	2	7	Sc	1	0	38	82
135		EL 'ARÎSH	1008.8	NNW	3	28.0	73	0	7							—		—									
136	Lower Egypt	DAMANHÛR								1010.0	+1.0	WNW	3	28.2	32	-1	20	+1	56	+2	0	7	Ci	0	0	78	110
137		MANSÛRA								1009.1	—	N	2	26.5	33	-2	21	+1	63	-11	1	7	Cs.	1	0	45	57
138		TANTA	1009.4	NNW	3	32.0	43	0	7	1010.3	+0.8	NW	4	23.0	33	-3	19	-1	74	+3	3	6	Cu	2	0	54	48
[illegible]		ZAGÂZÎG	1009.1	NNW	1	32.4	42	0	8	1009.8	—	NNW	2	26.4	32	-3	19	0	72	-2	1	8	Cs.	1	0	20	28
[illegible]	Middle Egypt (Cairo)	ALMÂZA	1009.8	N	4	32.3	42	0	7	1010.6	—	NNW	2	26.2	34	—	19	—	72	—	3	7	Sc.	2	0	—	—
		EZBEKÎYA	1008.6	N	3	33.6	40	0	8	1009.8	+0.8	N	1	26.0	35	0	22	+1	72	-1	3	6	Cu	1	0	18	34
		GÎZA	1008.6	N	2	33.7	43	0	7	1009.8	0.0	NNE	3	25.6	35	0	19	0	75	+2	3	6	Sc.	2	0	16	31
143		HELWÂN	1008.0	NNW	4	33.0	30	0	7	1009.6	+0.3	N	3	24.1	34	-1	21	0	74	+7	3	6	Cu	0	0	17	35
144		SUEZ								1009.9	+1.5	N	2	26.0	35	-1	23	0	85	+11	0	6	Cs.	1	0	13	26
153	Upper Egypt	FAIYÛM	1008.7	NNW	3	34.6	29	0	8	1010.0	+0.5	N	3	26.2	35	-2	21	0	69	+4	2	7	Cu	1	0	6	11
154		MINYA	1008.6	N	3	35.4	35	0	9	1009.9	+1.3	NE	3	26.0	36	-1	21	0	65	+1	0	4	—	0	0	16	—
155		ASYÛT	1007.8	WNW	3	36.0	25	0	8	1008.6	+0.2	WSW	3	27.4	37	0	21	-2	54	+6	0	7	—	0	0	dr.	5
156		QENA	1005.9	NNW	2	40.3	22	0	8	1006.6	0.0	NNW	4	32.0	41	0	25	+1	26	-14	0	7	—	0	0	dr.	—
157		LUXOR	1005.6	NNW	4	39.3	45	1	8	1007.1	—	NNW	4	32.2	40	—	24	—	48	—	0	8	—	0	0	dr.	—
158		ASWÂN	1004.3	NNW	3	41.0	17	0	8	1006.6	-0.6	N	3	32.5	42	0	27	+1	36	+4	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1011.9	—	0	36.0	53	0	6	1013.9	+3.0	NE	1	25.0	38	0	20	0	72	+10	0	6	—	0	0	29	7
149		BAHARÎYA	1007.6	N	2	34.6	26	0	9	1011.2	—	N	2	25.4	36	—	21	—	73	—	0	9	—	0	0	2.6	—
151		KHÂRGA	1005.6	NE	1	39.5	48	0	9	1007.9	0.0	NNW	1	30.7	40	0	23	0	51	+9	0	9	—	0	0	0	0
152		DÂKHLA	1007.2	NW	3	39.4	32	0	7	1009.4	+0.7	NE	2	32.5	41	+1	27	+4	37	+5	0	8	—	0	0	dr.	—
145	Red Sea	TÔR								—	—	NW	6	27.0	32	-2	25	+1	56	-18	0	6	—	0	0	14	14
146		HURGHÂDA								1007.0	+0.4	NNW	5	28.0	35	0	25	+1	70	+16	0	5	—	3	0	dr.	0
147		QUSEIR	1006.0	NNE	4	33.3	61	0	6	1006.6	+0.5	NNW	4	30.5	35	+1	26	0	48	0	0	6	—	0	0	1	7
169		PORT SUDAN								1004.3	-0.7	NW	2	—	—	—	—	—	—	—	3	—	—	1	0	42	113
165	North Sudan	WÂDI HALFA								1008.0	+0.2	NNE	2	30.5	42	+1	26	+2	29	+6	4	8	Cs.	1	—	—	—
166		KAREIMA								1007.6	-0.4	SSW	5	30.0	43	+1	27	+1	36	+5	6	6	Ac, Ci	0	0	1	8
167		'ATBARA								—	—	NW	3	31.0	42	+2	26	0	24	-9	0	—	—	0	0	5	22
168		KHARTÛM								1009.6	+0.8	S	4	25.1	37	-1	22	-3	76	+19	4	8	Ac, Ci	1	21	63	40
170		KASSALA								1010.2	-1.0	SSE	4	24.1	36	0	22	-1	75	+11	2	8	Sc.	0	5	95	104
171	Central Sudan	WAD MEDANI								1010.4	+0.1	SW	2	23.3	36	0	21	-1	87	+20	3	—	—	1	14	238	123
173		DUEIM								1009.1	-1.5	S	4	24.0	37	+1	22	-1	82	+19	1	—	—	1	6	62	95
182		RENK																									
172		ROSEIRES								1011.5	-0.5	SW	2	23.9	30	-3	22	+1	91	+14	4	—	—	8	dr.	441	317
174		EL OBEID								1012.7	+0.9	NE	3	19.2	33	-1	19	-3	100	+29	4	6	Sc	1	13	170	110
175		EL FÂSHER								—	—	SW	2	25.0	38	+3	24	+3	72	+9	3	—	—	0	0	85	85
176	S. Sudan	MALAKÂL								1013.8	+1.0	S	2	21.9	27	-4	21	0	91	+7	4	8	Sc	2	17	355	449
177		WÂU								1012.3	+0.9	SW	2	22.8	28	-4	20	0	84	+2	3	—	—	1	0	586	642
178		JÛBA								1015.2	+2.4	SSW	3	21.0	28	-3	19	-1	100	+14	8	5	F.N	5	dr.	706	618
179 / 180		Gencina / Gallabat								—	—	SW	3	22.0	34	—	21	—	74	—	4	8	Cs.	1	0	—	—

Upper Wind Observations on 16-7-37 ارصاد الرياح العليا يوم ١٦-٧-٣٧

Height metres above M.S.L.	W. Halfa 06h. 00m. Dir. E. of N.	Kms per hour	Kareima 05h. 00m. Dir.	Kms	Khartoum 04h. 00m. Dir.	Kms	Kassala 07h. 00m. Dir.	Kms	Malakal 06h. 00m. Dir.	Kms	Geneina 06h. 00m. Dir.	Kms	Juba 06h. 00m. Dir.	Kms	Salum 13h. 15m. Dir.	Kms	Almaza 12h. 30m. Dir.	Kms
200	350	21	—	—	—	—	—	—	—	—	—	—	—	—	20	26	330	18
500	30	37	200	51	190	14	—	—	150	26	—	—	220	11	350	29	360	14
1000	40	40	230	43	200	14	190	66	160	27	220	21	250	24	290	12	340	30
1500	0	11	340	6	210	14	200	50	170	14	210	37	220	8	340	18		
2000	320	16	310	27	210	11	220	47	240	13	280	30	290	10				
3000	290	21	0	18	220	11	350	35	310	3	350	45	280	35				
4000			330	11					160	6	0	40	240	6				
5000											90	43	210	5				
6000													130	16				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة مرطبه

Station	Mean of day: Humidity % on 15th	Diff. from normal	Wet bulb temp. °C on 15th	Diff. from normal
Alexandria	73	0	22.4	+0.1
Ezbekiya	55	-3	22.5	+0.1
Giza	61	+1	22.8	+1.1
Helwân	51	+5	20.7	+1.2

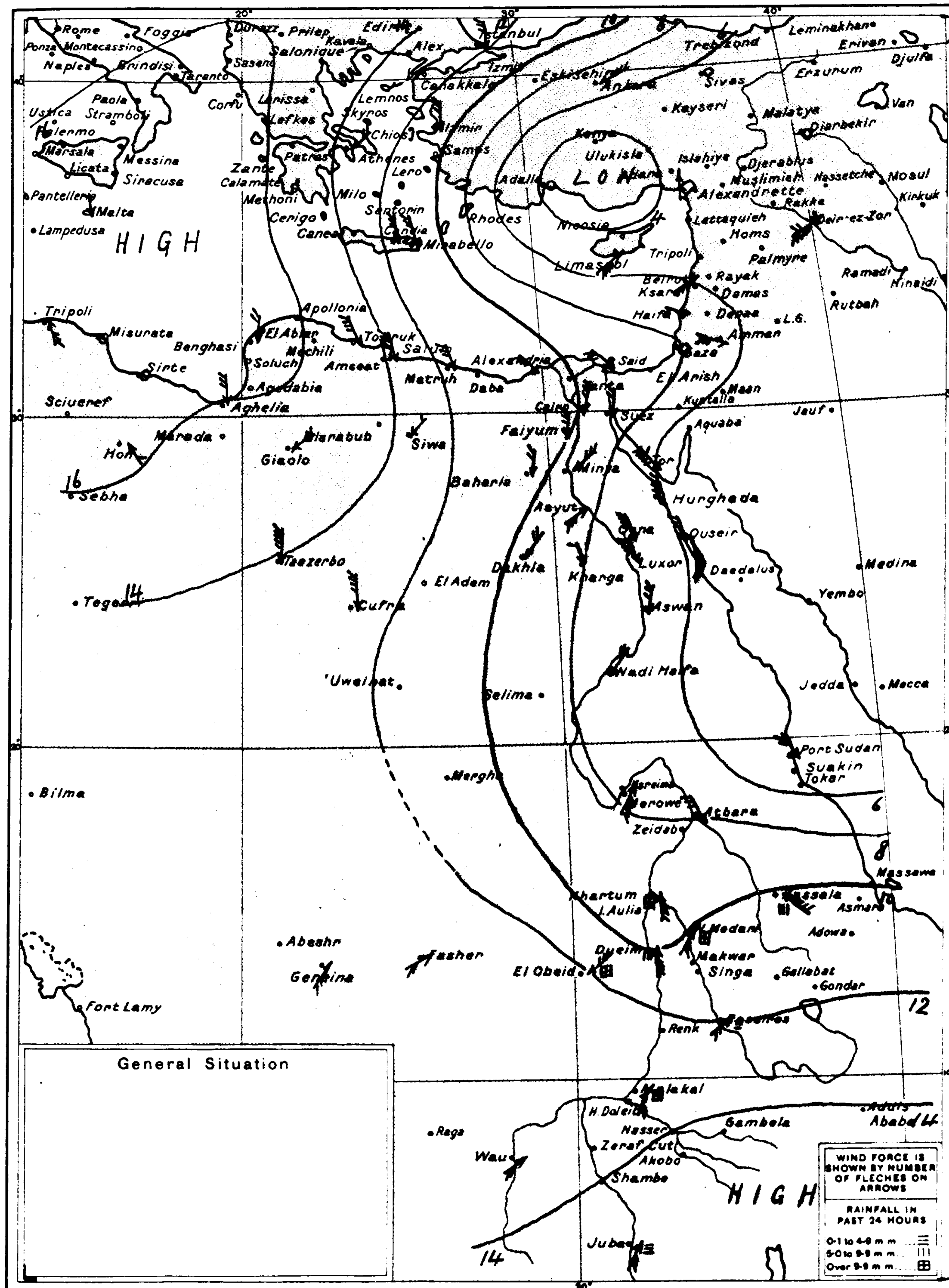
Gîza Grass minimum on 16th 15.9 °C

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

Date	1937	1936
16.7	1481	1408
15.7	1471	1357

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16.7	13.81	+0.23	13.70	+0.13
Nâsser	16.7	8.90	-0.21	8.82	-0.26
Malakâl	16.7	11.30	-0.05	11.29	-0.06
Roseires	16.7	17.37	+1.51	16.44	+0.74
Sennâr Res.	16.7	10.39	—	9.43	—
Khartûm	16.7	12.78	+0.17	12.62	+0.10
Kh. el Girba	16.7	12.92	+0.38	13.10	+0.52
'Atbara	16.7	11.50	-0.20	11.50	-0.12
Kajnarti	16.7	134.34	0.00	134.17	-0.03
Wâdi Halfa	16.7	2.95	+0.14	2.79	+0.06
Aswân Res.	16.7	97.72	—	98.28	—
,, D. S.	16.7	86.60	-0.54	86.58	-0.52
El Leisi	16.7	17.92	+0.35	17.92	+0.37
Rôda (Cairo)	16.7	15.82	+0.14	15.84	+0.17

Pressure and Wind at 8h. 16-7-37 ١٦-٧-٣٧



General Situation

SCALE 1:15,000,000

Station	At 8h on 15-7-37 Bar. Pressure 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	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1007	0	N	2	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.8	+2.8	NNW	1	27.6	30	-1	23	+1	77	+8	0	—	—	—	0	365	647	حيفا
Gaza	1009.1	-2.3	—	0	26.3	33	+5	20	0	69	-3	0	9	—	0	0	395	396	غزة

الساعة ٨ يوم ١٥-٧-٣٧

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 06

sunset h. m. 18 57

Month *July* 1937 ١٩٣٧ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ١٧-٧-٣٧

At 14h. on 16th — الساعة ١٤ يوم ١٦ ; At 8h. on Saturday 17th — الساعة ٨ يوم السبت 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.
	Medit.	SALÛM	1013.8	NNE	5	26.0	77	0	8	1013.6	+3.2	NNW	4	24.0	26	—	19	—	76	—	0	7	Cu	1	0	105	—
	Medit.	MATRÛH	1011.9	NNW	4	26.9	69	0	6	1011.8	+1.9	WNW	4	24.9	27	-1	21	0	83	+4	1	6	Cu	1	0	182	158
	Medit.	DIKHEILA	1010.7	NW	7	27.1	73	0	—	1010.9	—	NW	6	26.2	28	—	25	—	77	—	2	7	Cu	0	0	—	—
	Medit.	ALEXANDRIA	1010.4	NW	6	28.2	62	0	9	1010.3	+0.7	NW	6	25.9	30	0	24	+1	72	-4	2	9	Cu	2	0	167	190
159	Medit.	DAMIETTA								1009.0	—	NNW	2	28.8	31	—	23	—	64	—	2	8	Cu	1	0	75	116
134	Medit.	PORT SAÏD	1009.0	NNW	4	29.2	56	0	7	1009.5	+1.5	SW	3	26.0	31	0	24	+1	68	-4	2	7	Ac	1	0	38	82
135	Medit.	EL 'ARÎSH								1009.1	—	WSW	1	27.3	30	—	24	—	75	—	0	7	—	1	0	—	—
136	Lower Egypt	DAMANHÛR								1010.2	+1.2	W	2	27.8	30	-3	21	+2	60	-8	0	8	Ci	0	0	78	110
137	Lower Egypt	MANSÛRA								1009.1	—	N	1	26.5	32	-3	20	0	64	-10	0	8	Ci	1	0	45	57
	Lower Egypt	TANTA	1009.5	NW	6	31.0	42	0	7	1010.3	+0.8	NW	3	26.0	32	-4	18	-2	69	-2	3	7	Cu	2	0	54	48
	Lower Egypt	ZAGÂZÎG	1008.6	NNW	3	31.8	40	0	8	1010.3	—	NNW	2	25.9	32	-3	19	0	70	-4	0	8	Ci	1	0	20	28
	Middle Egypt (Cairo)	ALMÂZA	1008.7	NNW	4	33.2	36	0	8	1011.2	—	NW	3	25.2	33	—	19	—	71	—	2	8	Sc	2	0	—	—
	Middle Egypt (Cairo)	EZBEKÎYA	1008.3	NW	1	33.2	35	0	8	1010.2	+1.2	NW	1	27.0	34	-1	22	+1	66	-7	3	5	Cu	1	0	18	34
	Middle Egypt (Cairo)	GÎZA	1008.2	NNW	3	33.8	42	0	6	1010.3	+0.5	NNW	2	25.9	34	-1	19	0	68	-5	2	6	Cu	1	0	16	31
143	Middle Egypt	HELWÂN	1008.2	NW	4	32.0	30	0	6	1010.2	+0.9	SW	3	24.1	33	-2	21	[illegible]	68	+1	2	5	Cu	0	0	17	35
144	Middle Egypt	SUEZ								1010.3	+1.9	—	0	26.0	34	-2	23	0	86	+12	2	6	Ac	2	0	13	26
153	Upper Egypt	FAIYÛM																									
154	Upper Egypt	MINYA	1008.7	N	4	32.7	38	0	7	1010.4	+1.9	NNE	3	25.5	34	-3	20	-1	65	+1	1	8	As	1	0	16	—
155	Upper Egypt	ASYÛT	1007.6	WNW	4	34.0	27	0	8	1010.6	+2.2	NNW	2	26.0	35	-2	22	-1	55	+7	0	7	—	0	0	dr.	5
156	Upper Egypt	QENA	1005.3	WNW	4	40.0	21	0	8	1008.4	+1.9	WSW	2	30.0	40	-1	24	0	45	+5	1	7	Ci	1	0	dr.	—
157	Upper Egypt	LUXOR	1005.1	WSW	5	38.5	42	3	7	1008.4	—	NE	2	32.3	39	—	24	—	52	—	3	8	St	1	0	dr.	—
158	Upper Egypt	ASWÂN	1005.0	NNW	3	38.5	26	1	8	1009.0	+1.8	N	3	31.0	40	-3	27	+1	45	+13	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1011.1	NE	1	34.2	47	0	6	1013.1	+2.2	N	1	23.7	36	-2	20	-1	81	+19	0	6	—	0	0	29	7
149	Western Desert	BAHARÎYA	1009.1	N	1	34.5	26	—	9	1012.3		N	1	23.7	35	—	20	—	70	—	0	9	—	0	0	26	
151	Western Desert	KHÂRGA	1006.4	N	4	37.5	47	0	9	1010.2	+2.3	N	3	27.2	39	-1	25	+2	67	+25	0	9	—	0	0	0	0
152	Western Desert	DÂKHLA	1008.7	N	2	36.6	39	0	8	1011.9	+3.2	—	0	29.9	38	-2	24	+1	48	+16	0	7	—	0	0	dr.	—
145	Red Sea	TÔR								—	—	NW	5	26.5	31	-3	25	+1	66	-8	0	6	—	0	0	14	14
146	Red Sea	HURGHÂDA								1008.7	+2.2	NNW	4	29.0	34	-1	26	+2	67	+13	0	6	—	0	0	dr.	0
147	Red Sea	QUSEIR	1005.8	N	4	32.2	58	0	6	1006.8	+0.7	N	3	29.9	34	0	26	0	53	+5	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN								1005.6	+0.6	SW	1	—	—	—	—	—	—	—	3	—	—	1	0	42	114
165	North Sudan	WÂDI HALFA								1009.6	+1.8	NNE	3	28.6	40	-1	26	+2	36	+13	3	8	As, Cs	1	—	—	—
168	North Sudan	KAREIMA								1007.9	-0.1	NE	1	32.2	43	+1	27	0	28	-3	0	8	—	0	0	1	9
167	North Sudan	'ATBARA								—	—	SW	4	33.5	40	0	28	+2	20	-13	0	—	—	0	0	5	23
168	North Sudan	KHARTÛM								1010.8	+1.4	S	3	28.7	34	-4	25	0	64	+6	2	8	Ac	0	0	63	41
170	North Sudan	KASSALA								1011.1	-0.1	S	4	26.0	33	-2	22	-1	69	+5	0	8	Ac	0	11	106	108
171	Central Sudan	WAD MEDANI								1011.4	+1.0	SSW	3	27.3	32	-4	22	0	63	-4	1	—	—	0	0	238	126
173	Central Sudan	DUEIM								1011.4	+0.8	E	3	26.8	33	-3	24	+1	66	+2	4	—	—	2	0	62	98
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1011.2	-0.8	SW	2	24.3	31	-2	22	+1	82	+5	2	—	—	1	0	441	322
174	Central Sudan	EL OBEID								1011.5	-0.4	SSW	3	25.5	29	-5	23	+1	65	-7	2	8	Ac	0	0	170	113
175	Central Sudan	EL FÂSHER								—	—	SW	2	23.0	34	-1	21	0	88	+24	1	—	—	0	3	88	89
176	S. Sudan	MALAKÂL								1013.0	+0.2	SW	1	24.2	28	-3	22	+1	91	+7	4	8	Sc, Ac	2	0	355	455
177	S. Sudan	WÂU								1014.2	+2.8	SW	2	22.4	29	-3	21	+1	90	+8	4	—	—	8	15	651	649
178	S. Sudan	JÛBA								1014.8	+2.0	S	4	23.9	30	-1	21	+1	75	-11	5	6	Sc, Ci	1	dr.	706	623
179		Geneina								—	—	SW	1	21.7	32	—	18	—	82	—	4	8	Sc	2	22	—	—
180		Galbabat																									

Upper Wind Observations on 17-7-37 — ارصاد الرياح العليا يوم ١٧-٧-٣٧

Height metres above M.S.L.	Salum 07h.00m. Dir E. of N.	Kms per hour	Matruh 07h.00m. Dir	Kms	Cairo 08h.00m. Dir	Kms	Helwan 09h.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	Malakal 06h.00m. Dir	Kms	Juba 06h.00m. Dir	Kms	Geneina 06h.00m. Dir	Kms	Almaza 12h.00m. Dir	Kms
200	330	20	320	28	320	7	330	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	
500	—	—	330	30	320	14	350	26	10	27	340	39	40	43	60	37	180	32	—	—	—	—	190	13	270	39	—	—	340	17
1000	40	7			Ent. Cu.		10	24	350	38	320	39	30	27	70	31	210	50	200	40	220	47	200	16	200	53	220	14	340	31
1500	350	23					20	14			320	31	320	21	70	45	230	37	220	40	210	23	230	16	270	60	230	35		
2000							330	23					310	34	70	21	270	13	250	29	120	14			280	43				
3000															70	13			30	29	90	34			300	29				
4000																			220	6										
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات القمر المطرى في ٢٤ ساعة مرصد

Station	Mean of day Humidity on 16th	Diff. from normal	Wet bulb temp. on 16th	Diff. from normal
Alexandria	66	-7	22.1	-0.4
Ezbekiya	62	+2	22.0	-0.5
Giza	63	+3	22.4	+0.7
Helwan	58	+11	20.4	+0.7

Giza Grass minimum on 17th 14.8°C

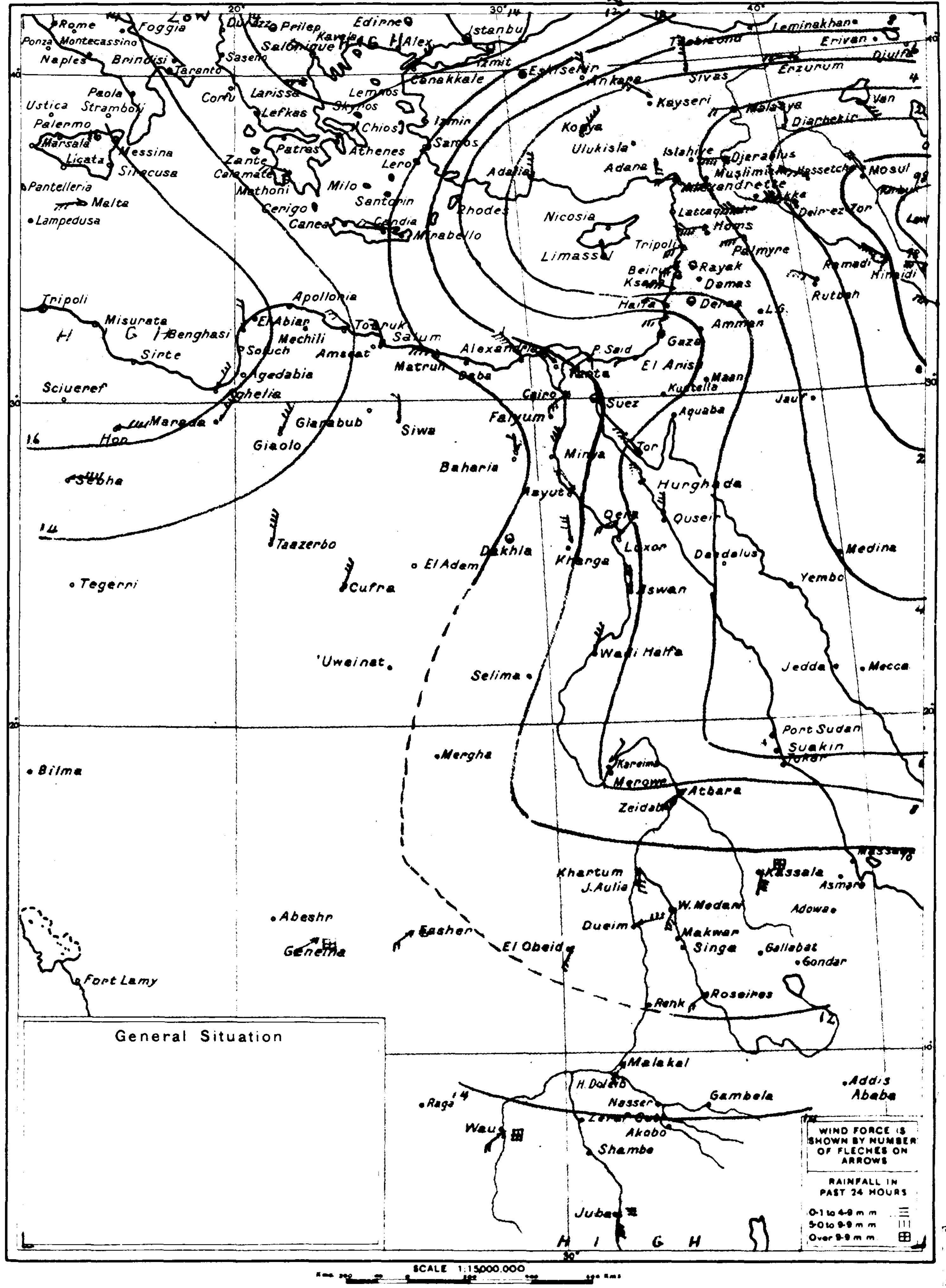
Discharges at Aswan measured by sluices m^3 per sec.

Date	1937	1936
17-7	1492	1443
16-7	1481	1408

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	17-7	13.93	+0.14	13.81	+0.23
Nâsser	16-7	8.90	-0.21	8.82	-0.26
Malakâl	17-7	11.32	-0.05	11.30	-0.05
Roseires	17-7	17.14	+1.24	17.37	+1.37
Sennâr Res	16-7	10.39	—	7.43	—
Khartûm	17-7	13.04	+0.37	12.78	+0.17
Kh. el Girba	16-7	12.92	+0.28	13.10	+0.52
Atbara	16-7	11.50	-0.20	11.50	-0.12
Kajnarti	16-7	134.34	0.00	134.17	-0.03
Wâdi Halfa	17-7	2.97	+0.07	2.95	+0.14
Aswân Res	17-7	97.32	—	97.72	—
D. S.	17-7	86.63	-0.53	86.60	-0.54
El Leisi	17-7	17.92	+0.33	17.92	+0.35
Rôda (Cairo)	17-7	15.82	+0.13	15.82	+0.14

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

Pressure and Wind at 8h. 17-7-37



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 16-7-37 — الساعة ٨ يوم ١٦-٧-٣٧

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 fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limasol	1005	-2	SW	4	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.6	+1.6	NNW	1	28.5	30	-1	24	+2	92	+23	0	—	—	—	0	365	647	حيفا
Gaza	1008.3	+1.6	—	0	27.1	36	+6	23	+3	62	-10	1	6	—	1	0	395	376	غزة
Ship	13359 - 25406 - 28200 - 15724 - 612X0 - 32000																		سفينة

Remarks

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

CAIRO
Time of sunrise 05 06
sunset 18 36

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

DAILY WEATHER REPORT

Month July 1937 ١٩٣٧ شهر يوليه — ٢٧-٧-١٨ Pressure and Wind at 8 h 18-7-37

At 14 h on 17th ساعة ٢ يوم ١٧ — At 8 h on Sunday 18th الأحد ١٨ الساعة ٨ يوم

No.	Region	Station	Barometric Pressure Reduced to M.S.L. mb (14h)	Wind Dir. (14h)	Wind Force (14h)	Temperature °C (14h)	Humidity % (14h)	Present Weather (14h)	Visibility (14h)	Bar. Pressure Reduced to M.S.L. mb (8h)	Diff. from normal mb	Wind Dir. (8h)	Wind Force (8h)	Temperature Dry Bulb °C (8h)	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity %	Diff. from norm. %	Present Weather (8h)	Visibility (8h)	Cloud Form (8h)	Past Weather (8h)	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
[redacted]	MEDIT.	SALŪM	1013.3	NNE	5	26.1	67	0	3	1013.1	+2.7	NNW	4	24.0	27	—	20	—	76	—	1	7	Cu	1	0	105	—
[redacted]		[redacted]	1011.5	NW	4	26.8	75	0	6	1011.5	+1.7	NNW	3	25.4	27	-1	24	+3	80	+1	0	6	—	0	0	182	158
[redacted]		[redacted]RIA	1010.0	NW	5	28.5	63	0	9	1010.5	—	NNW	4	25.1	28	—	24	—	84	—	2	7	Cu	0	0	145	—
157		DAMIETTA								1010.0	+0.5	N	3	26.0	29	-1	24	+1	83	+7	2	9	Cu	1	0	167	190
134		PORT SAÏD.	1008.6	NW	3	29.7	57	0	7	1008.6	—	N	1	29.9	33	—	22	—	68	—	1	8	Ac	1	0	75	116
135		EL 'ARÎSH.	1008.0	NNW	3	28.4	62	0	7	1009.1	+1.1	NNW	2	27.0	31	0	24	+1	73	+1	1	7	Ac	0	0	38	82
136	LOWER EGYPT	DAMANHŪR.								1008.7	—	—	0	27.2	30	—	22	—	77	—	0	7	—	0	0	85	—
137		MANSŪRA...								1009.9	+1.0	NW	2	26.7	31	-2	21	+2	73	+4	2	7	Cu	1	0	78	110
138		TANTA	1008.7	N	3	31.8	50	2	7	1008.8	—	N	2	26.5	33	-2	22	+2	72	-3	1	7	Cs	1	0	45	57
139		ZAGAZIG	1008.4	NNW	2	32.4	46	0	8	1009.4	0.0	NNW	1	26.3	32	-4	20	0	80	+8	4	6	Ns	2	0	54	48
[redacted]	MIDDLE EGYPT	CAIRO: ALMAZA	1009.4	NNW	3	32.2	43	1	8	1009.3	—	NNW	1	26.8	32	-3	21	+2	74	0	0	8	Cu	1	0	20	28
		CAIRO: EZBEKIYA	1008.2	NW	3	33.6	40	0	8	1010.2	—	N	3	25.6	33	—	20	—	70	—	2	8	Sc	2	0	23	—
		CAIRO: GIZA	1008.0	N	3	33.3	43	1	6	1009.0	+0.1	NNW	2	27.6	35	0	22	+1	65	-8	2	5	Cu	1	0	18	34
143		HELWÂN	1008.2	NW	4	31.5	36	0	7	1009.4	-0.3	NW	2	25.6	34	-1	21	+2	74	0	3	6	Sc	1	0	16	31
144		SUEZ								1008.8	-0.4	NNW	3	24.3	33	-2	22	+1	67	0	2	5	Sc	2	0	17	35
										1009.6	+1.2	N	1	27.0	36	0	22	-1	83	+9	0	6	Cu	0	0	13	26
153	UPPER EGYPT	FAIYŪM	1008.7	NNW	4	33.0	30	0	7	1009.9	+0.5	NNW	3	25.0	35	-2	21	0	74	+9	4	6	Cu	1	0	6	11
154		MINYA	1009.0	NNW	4	33.5	33	0	7	1009.5	+1.0	N	3	25.0	34	-3	20	-1	70	+6	0	9	—	0	1	16	—
155		ASYŪT	1008.3	WNW	4	32.8	31	0	8	1009.5	+1.2	NNE	3	24.0	34	-3	20	-3	67	+19	0	7	—	0	0	dr.	5
156		QENA	1006.4	W	1	37.5	26	2	8	1007.5	+1.0	NSW	3	29.8	39	-2	25	+1	50	+10	0	8	—	0	0	dr.	—
157		LUXOR	1006.2	WNW	4	36.3	44	1	8	1007.2	—	N	2	31.8	37	—	22	—	51	—	0	8	—	0	0	dr.	—
158		ASWÂN	1005.4	N	3	37.2	34	1	8	1007.5	+0.3	NW	2	29.7	38	-4	25	-1	48	+16	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1011.6	—	0	33.8	44	0	6	1012.3	+1.4	—	0	23.6	36	-2	20	-1	80	+18	0	6	Cu	1	0	29	7
149		BAHARÎYA	1010.2	N	2	33.6	27	0	7	1011.5	—	N	3	24.2	34	—	20	—	75	—	0	9	—	0	0	26	—
151		KHÂRGA	1008.3	N	3	35.3	49	0	9	1009.4	+1.5	N	4	28.2	36	-4	24	+1	67	+25	0	9	—	0	0	0	0
152		DÂKHLA	1009.5	NW	3	34.3	44	0	8	1011.0	+2.3	—	0	28.5	35	-5	22	-1	35	+3	0	8	—	0	0	dr.	—
145	RED SEA	TÔR								1000.6	+0.6	NW	5	27.2	31	-3	26	+2	67	-7	0	6	—	0	0	14	14
146		HURGHÂDA								1006.4	-0.1	NNW	3	29.0	32	-3	24	0	66	+12	0	7	—	0	0	dr.	0
147		QUSEIR	1005.8	N	3	31.2	62	0	6	1006.6	+0.5	NNW	2	30.9	33	-1	26	-1	55	+7	0	6	—	0	0	1	7
169		PORT SUDAN								1005.5	+0.5	—	1	—	—	—	—	—	—	—	0	—	—	0	0	42	114
165	NORTH SUDAN	WÂDI HALFA								1009.5	+1.7	NNE	3	28.4	39	-2	23	-1	27	+3	2	8	Cu	0	—	—	—
166		KAREIMA								1008.3	+0.3	—	0	33.0	41	-1	26	-1	30	-2	0	5	—	0	0	1	9
167		'ATBARA								1006.6	-1.3	NW	2	33.5	41	+1	26	0	18	-16	0	—	—	0	0	5	24
168		KHARTŪM								1009.3	+0.4	W	1	28.9	37	-1	26	+1	38	-1	0	8	Ac	1	dr.	63	43
170		KASSALA								1009.5	-1.7	SSE	3	26.3	35	0	24	+1	69	+4	2	8	Sc, Ac	0	dr.	106	111
171	CENTRAL SUDAN	WAD MEDANI								1009.9	-0.5	SW	3	27.2	35	-1	24	+2	65	-2	3	—	—	1	0	238	130
173		DUEIM								1010.0	-0.6	SW	3	29.0	36	0	25	+2	59	-5	4	—	—	2	0	62	101
		RENK																									
172		ROSEIRES								1010.8	-1.2	NSW	2	25.8	33	0	23	+2	76	-2	1	—	—	0	0	441	328
174		EL OBEID								1011.3	-0.6	SW	3	26.0	34	0	24	+2	69	-3	3	8	Cu, Ac	0	0	170	116
175		EL FÂSHER								—	—	NE	1	25.0	35	0	22	+1	68	+4	0	—	—	0	0	88	92
176	S. SUDAN	MALAKÂL								1012.0	-0.8	SSW	3	23.9	30	-1	21	0	91	+7	2	8	Cb, Ac	2	1	356	461
177		WÂU								1012.6	+1.2	W	1	22.8	29	-3	22	+2	89	+7	3	—	—	1	0	601	655
178		JÛBA								1014.3	+1.5	SW	3	23.2	32	+1	21	+1	91	+5	8	6	Sc	1	dr.	706	627
179		Geneina								—	—	E	1	20.8	33	—	19	—	91	—	3	8	Ac	0	29	—	—
180		Gallabat																									

Upper Wind Observations on 18-7-37

١٨-٧-٣٧ يوم ارصاد الرياح العليا

Height above M.S.L. metres	Salum 07h.00m Dir. E of N	Kms per hour	Maltah 07h.00m Dir. E of N	Kms per hour	Dikheila 07h.30m Dir. E of N	Kms per hour	Cairo 07h.00m Dir. E of N	Kms per hour	Helwan 07h.30m 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	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	Malakal 06h.00m Dir. E of N	Kms per hour	Geneina 06h.00m Dir. E of N	Kms per hour	Salumi 13h.00m Dir. E of N	Kms per hour
200	330	15	310	10	350	30	0	26	350	21	—	—	—	—	13	21	—	—	—	—	—	—	—	—	—	—	20	27
500	—	—	350	26	10	25	10	19	340	8	0	30	340	26	20	31	50	10	210	19	—	—	—	—	210	11	—	—
1000	30	30	10	38	0	22	00	34	40	42	320	30	340	35	350	31	70	11	210	40	210	50	280	31	220	21	140	11	310	25
1500	30	28	10	29	30	15	50	34	40	29					320	34	120	14	320	14	250	31	250	32	220	21	130	18	320	50
2000	20	27			40	6			30	29					310	47	40	19	0	6	260	31	250	3	220	11	120	23		
3000															280	53	340	8	340	26	10	29	120	23			100	27		
4000																											90	23		
5000																											100	34		
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

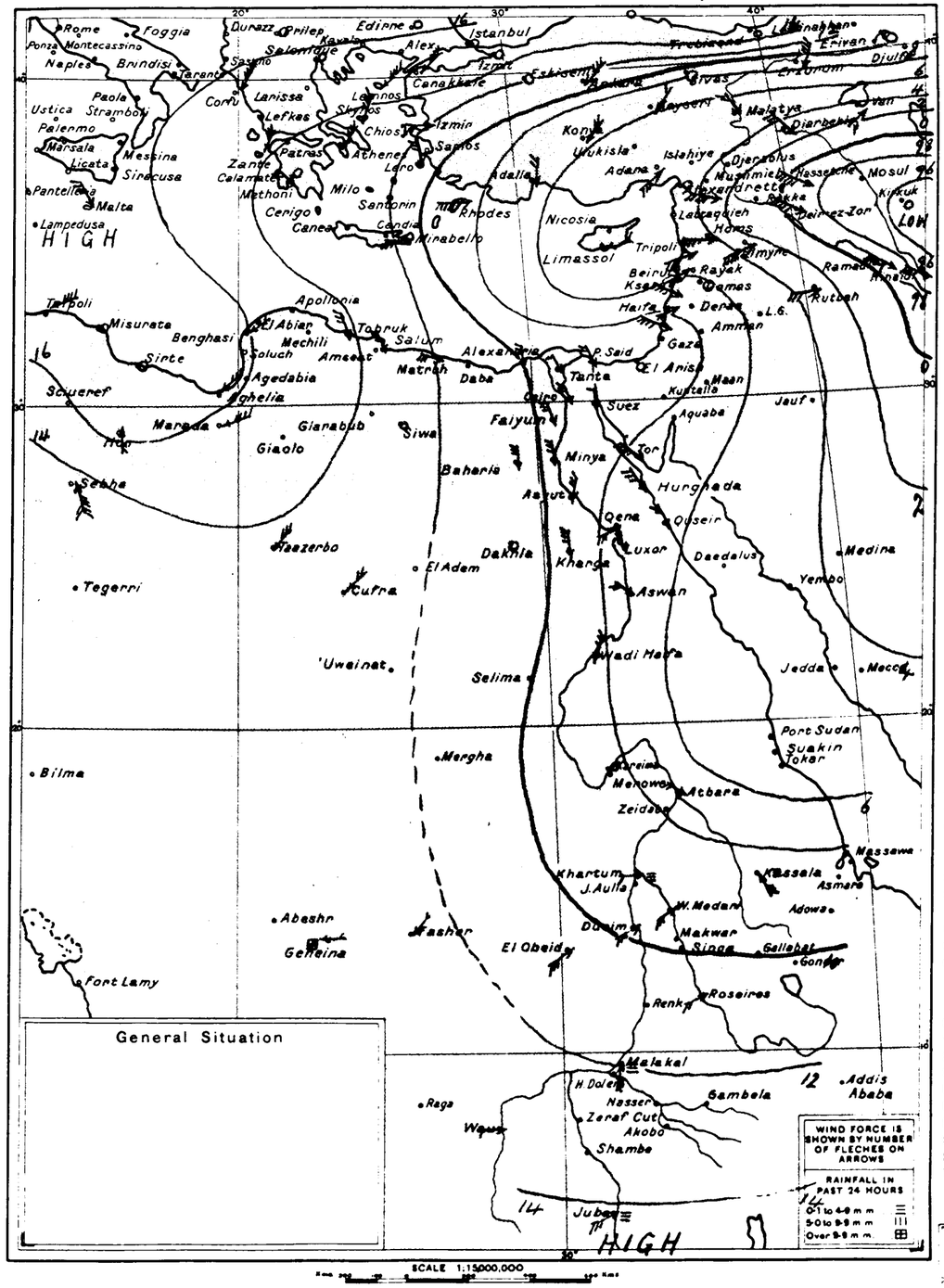
STATION	Mean of day: Humidity % on 17th	Diff. from normal	Wet Bulb Temp. °C on 17th	Diff. from normal
Alexandria	72	-1	22.6	+0.3
Ezbekiya	59	-1	22.8	+0.3
Giza	61	+1	22.6	+0.6
Helwan	55	+8	20.8	+1.2

Giza Grass minimum on 16th 8.2°c

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
18-7	1493	4552
17-7	1492	1443

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m
Jûba	18-7	13.71	+0.11	13.73	+0.14
Nâsser	17-7	8.76	-0.18	8.90	-0.27
Malakâl	18-7	11.34	-0.05	11.32	-0.05
Roseireş	18-7	17.01	+1.63	17.24	+1.24
Sennâr Res.	17-7	11.65	—	10.39	—
Khartûm	17-7	13.04	+0.37	12.78	+0.17
Kh. el Girba	17-7	12.60	-0.11	12.92	+0.28
'Atbara	18-7	11.80	-0.06	11.54	-0.24
Kajnarti	18-7	134.33	-0.29	134.34	-0.16
Wâdi Halfa	18-7	2.76	-0.01	2.77	+0.07
Aswân Res.	18-7	97.26	—	97.32	—
" D.S.	18-7	86.82	-0.56	86.63	-0.53
El Lisi	18-7	17.72	+0.31	17.72	+0.33
Rôda (Cairo)	18-7	15.82	+0.12	15.82	+0.15



STATION	At 8 h on 17-7-37 ٢٧-٧-١٧ الساعة ٨ يوم: Bar. Pressure Reduced to M.S.L. mb	Diff. from normal mb	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	1005	-2	S	1	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.8	+2.8	WNW	1	28.9	30	-1	24	+2	76	+7	0	—	—	—	0	—	—	حيفا
Gaza	1008.6	+1.9	—	0	26.4	36	+6	22	+2	64	-8	0	9	—	0	0	395	376	غزة

Remarks

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

ANNUAL SUBSCRIPTION
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CAIRO

Time of sunrise h. 05 m. 07
sunset h. 18 m. 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month July 1937 ١٩٣٧ شهر يوليه ١٩-٧-٣٧ Pressure and Wind at 8h 19-7-37

1417 F.C.

	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
	MEDITERRANEAN: SALŪM	1012.6	NNE	4	27.6	59	2	8
	MATRŪH	1011.0	NW	4	27.2	69	0	6
	DIKHEILA	1010.3	NW	5	26.7	61	0	—
	ALEXANDRIA	1009.5	NW	5	28.3	69	0	9
159	DAMIETTA							
134	PORT SAÏD	1008.0	NW	4	31.5	65	0	7
135	EL ARÎSH	1007.2	NNW	2	28.5	88	0	7
136	EGYPT MIDDLE: AMANHŪR							
137	MANSŪRA							
138	TANTA	1007.9	NW	3	33.0	50	2	7
139	ZAGAZIG	1007.1	NNW	1	34.4	45	0	8
	CAIRO: ALMAZA	1008.0	NW	3	34.6	34	0	8
	EZBEKÎYA	1006.8	N	1	35.5	35	0	8
	GIZA	1008.2	NNW	2	35.6	40	1	7
143	HELWĀN	1006.3	NW	3	34.6	25	0	6
144	SUEZ							
153	EGYPT UPPER: FAIYŪM	1007.1	NNE	3	35.0	27	0	8
154	MINYA	1007.5	NNW	4	33.5	38	0	8
155	ASYŪT	1006.8	WSW	3	32.8	35	0	8
156	QENA	1005.4	W	2	37.5	33	0	9
157	LUXOR	1005.5	NW	2	37.3	43	0	8
158	ASWĀN	1004.2	N	2	37.5	35	0	8
148	WESTERN DESERT: SÎWA	1011.0	—	0	33.4	54	0	6
149	BAHARÎYA	1008.4	NW	3	34.5	31	0	9
151	KHĀRGA	1007.4	N	3	35.8	46	0	9
152	DĀKHLA	1009.0	NNW	3	34.7	14	0	7
145	RED SEA: TŌR							
146	HURGHĀDA							
147	QUSEIR	1005.3	NE	4	31.4	67	0	6
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 FÂSHER							
176	S. SUDAN: MALAKÂL							
177	WĀU							
178	JŪBA							
179	Geneina							
180	Gallabat							

	STATION	At 8h. on Monday 19th الساعة ٨ يوم الاثنين 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.
	MEDITERRANEAN: SALŪM	1010.7	+0.3	NW	3	24.4	28	—	21	—	78	—	1	6	Cu	4	0	105	—
	MATRŪH	1008.8	-1.0	W	3	25.3	27	-1	20	-1	84	+5	0	6	Sc	1	0	182	158
	DIKHEILA	1007.5	—	NW	4	26.0	27	—	24	—	85	—	0	7	Cu	0	0	145	—
	ALEXANDRIA	1007.4	-2.1	NW	3	25.2	29	-1	24	+1	84	+8	0	9	—	0	0	167	190
159	DAMIETTA	1005.9	—	SW	2	27.1	33	—	21	—	78	—	0	8	—	0	0	75	110
134	PORT SAÏD	1006.2	-1.8	SW	2	26.1	32	+1	23	0	80	+8	1	7	Sc	0	0	38	82
135	EL ARÎSH	1006.6	—	WSW	2	28.0	30	—	25	—	77	—	2	7	Cu	1	0	85	—
136	EGYPT MIDDLE: AMANHŪR	1007.0	-1.9	W	2	28.0	32	-1	20	+1	71	+2	1	7	Cu	1	0	78	110
137	MANSŪRA	1006.3	—	SW	1	26.0	35	0	20	0	79	+4	1	7	Cs	1	0	45	57
138	TANTA	1007.5	-1.9	NW	1	25.5	34	-2	19	-1	84	+12	2	7	Cu	2	0	54	48
139	ZAGAZIG	1007.1	—	NNW	2	25.8	35	0	21	+2	72	-3	0	8	Ci	1	0	20	28
	CAIRO: ALMAZA	1008.2	—	NW	2	24.9	36	—	20	—	74	—	1	8	Sc	2	0	23	—
	EZBEKÎYA	1007.0	-1.9	NNW	1	26.5	37	+2	22	+1	70	-3	0	6	—	1	0	18	34
	GIZA	1007.0	-2.7	NNE	2	24.6	36	+1	21	+2	77	+3	1	6	St	1	0	10	31
143	HELWĀN	1007.0	-2.2	—	0	23.8	36	+1	21	0	72	+5	0	5	—	0	0	17	35
144	SUEZ	1007.2	-1.2	N	2	26.0	36	0	23	0	85	+11	0	6	—	0	0	13	26
153	EGYPT UPPER: FAIYŪM	1007.6	-1.8	NNW	3	25.3	37	0	21	0	69	+4	0	7	—	0	0	6	11
154	MINYA	1006.8	-1.6	NNW	3	25.5	35	-2	22	+1	69	+5	0	8	—	0	0	16	—
155	ASYŪT	1006.4	-1.9	WSW	3	26.5	35	-2	23	0	66	+10	0	7	—	0	0	dr.	5
156	QENA	1004.4	-2.0	W	2	30.0	38	-3	25	+1	49	+9	0	8	—	0	0	dr.	—
157	LUXOR	1003.9	—	WSW	1	33.2	39	—	21	—	50	—	0	8	—	0	0	dr.	—
158	ASWĀN	1004.2	-3.0	—	1	31.5	39	-3	25	-1	47	+15	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1011.6	+0.8	—	0	22.7	36	-2	20	-1	82	+20	0	6	—	0	0	29	7
149	BAHARÎYA	1009.0	—	N	2	25.0	36	—	20	—	64	—	0	9	—	0	0	26	—
151	KHĀRGA	1006.2	-1.6	N	3	30.0	37	-3	24	+1	60	+18	0	9	—	0	0	0	dr.
152	DĀKHLA	1007.8	-0.9	NNW	2	28.0	36	-4	22	-1	27	-5	0	8	—	0	0	dr.	—
145	RED SEA: TŌR	1003.6	-2.4	NW	4	27.5	32	-2	25	+1	70	-4	0	6	—	0	0	14	14
146	HURGHĀDA	1004.7	-1.8	NNW	3	29.8	33	-2	25	+1	67	+13	0	7	—	1	0	dr.	1
147	QUSEIR	1003.8	-2.2	NNW	2	31.8	33	-1	26	-1	49	+1	0	6	—	0	0	1	7
169	PORT SUDAN	1003.6	-1.4	SW	1	—	—	—	—	—	—	—	1	—	—	0	0	42	114
165	NORTH SUDAN: WĀDI HALFA	1007.9	+0.1	N	1	27.4	38	-3	22	-2	29	+5	3	8	Ci	1	—	—	—
166	KAREIMA	1006.9	-1.1	—	0	33.0	42	0	27	0	30	-3	4	8	Ci	1	0	1	9
167	'ATBARA	1006.3	-1.7	NNW	2	31.0	41	+1	26	0	23	-12	0	—	—	0	0	5	24
168	KHARTŪM	1009.2	+0.3	SW	2	29.8	39	+1	23	-2	69	+9	3	8	Sc	1	1	64	44
170	KASSALA	1009.1	-2.2	SE	3	24.2	36	+1	22	-1	83	+18	2	8	Fm,fs	0	1	107	114
171	CENTRAL SUDAN: WAD MEDANI	1010.0	-0.6	S	3	24.8	35	-1	22	-1	77	+13	4	—	—	0	4	66	104
173	DUEIM																		
	RENK																		
172	ROSEIRES	1009.9	-2.1	SW	2	22.8	32	0	20	-1	83	+5	3	—	—	0	18	459	334
174	EL OBEID	—	—	NE	3	19.8	34	0	20	-2	100	+28	9	1	Fm	9	12	182	119
175	EL FÂSHER	—	—	SW	1	26.0	34	-1	23	+2	69	+5	0	—	—	0	0	88	96
176	S. SUDAN: MALAKÂL	1011.8	-1.0	NE	3	22.9	31	0	22	+1	83	-1	4	8	Sc	0	4	360	467
177	WĀU	1011.0	-3.5	N	3	24.6	32	0	22	+2	87	+4	1	—	—	0	0	601	661
178	JŪBA	1012.7	-0.1	SSE	3	24.5	33	+2	20	0	84	-2	0	6	Cu	5	dr.	706	632
179	Geneina	—	—	S	3	21.8	33	—	19	—	91	—	3	8	Sc,Cc	2	26	—	—
180	Gallabat																		

Upper Wind Observations on 19-7-37 ٣٧-٧-١٩ يوم ارصاد الرياح العليا

Height metres above M.S.L.	Salum 07h00m Dir E of N	Kms per hour	Mahruk 07h00m Dir E of N	Kms per hour	Dikheila 07h30m Dir E of N	Kms per hour	Cairo 08h00m 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	Kareima 05h00m Dir E of N	Kms per hour	Khartum 05h00m Dir E of N	Kms per hour	Kassala 06h00m Dir E of N	Kms per hour	Malakal 06h00m Dir E of N	Kms per hour	Juba 06h00m Dir E of N	Kms per hour	Salum 13h00m Dir E of N	Kms per hour	Almaza 12h15m Dir E of N	Kms per hour
200	330	20	310	28	320	23	330	15	340	10	—	—	—	—	330	5	—	—	—	—	—	—	—	—	—	—	20	23	350	10
500	—	—	350	28	0	34	0	4	0	14	20	23	330	14	350	21	30	45	330	13	—	—	50	27	320	5	—	—	40	9
1000	20	28			10	20	20	19	350	10	340	41	10	14	300	32	20	48	260	31	210	47	60	13	30	2	340	32	40	29
1500	10	58			20	19	20	21	10	19	300	12	10	7	300	51	0	24	320	36	240	40			130	2	320	35	40	32
2000					20	19	20	12	10	10					290	40	300	18	310	31	250	27							40	7
3000					20	20	40	12	30	16					360	58	270	23			340	13								
4000									10	15							270	29												
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

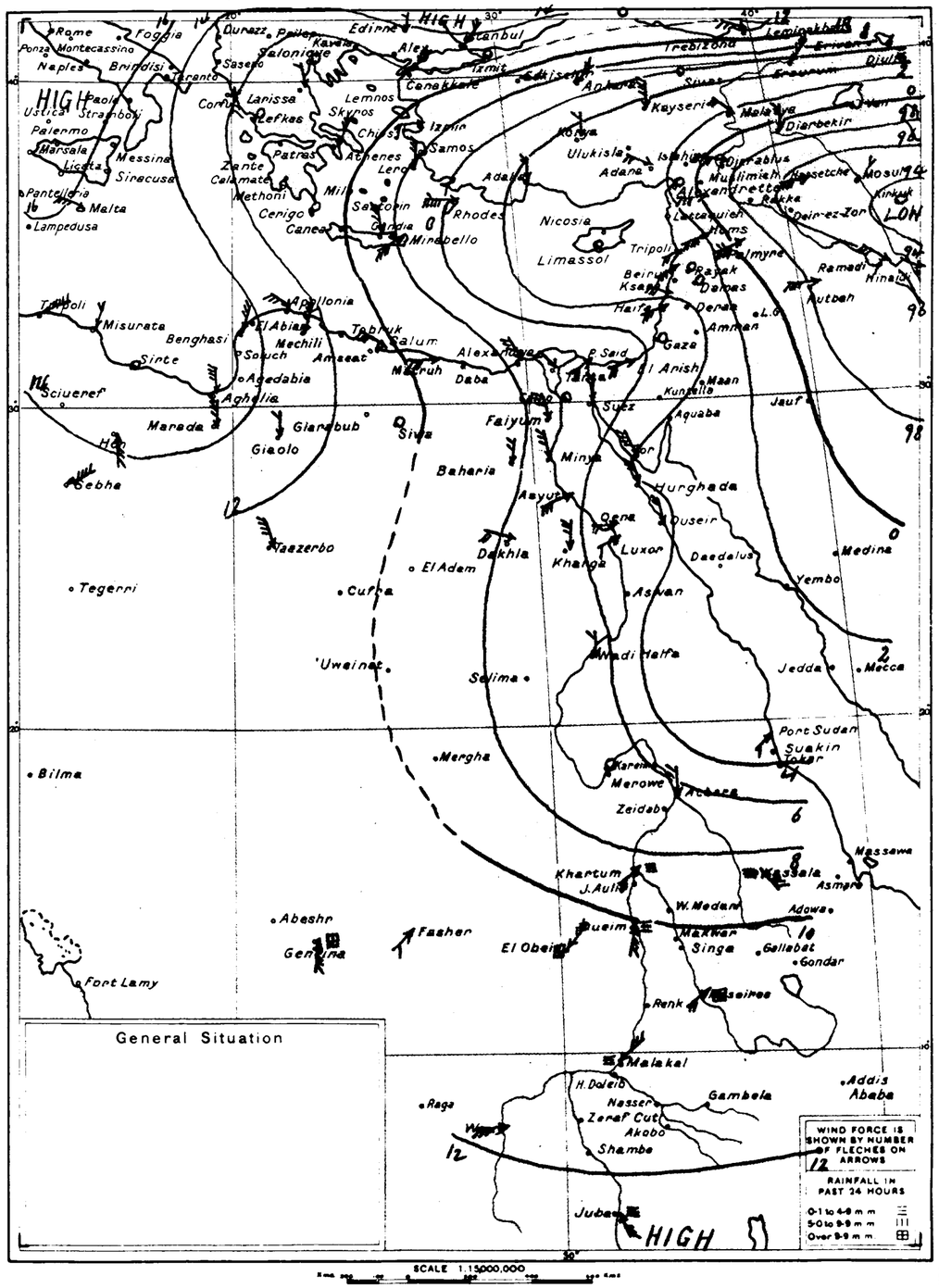
STATION	Mean of day HUMIDITY % on 18th	Diff. from normal	WET BULB TEMP. on 18th	Diff. from normal
Alexandria	82	+9	23.3	+0.9
Ezbekiya	55	-5	22.1	+0.6
Giza	63	+2	23.6	+1.8
Helwan	51	+4	20.9	+1.3

Giza Grass minimum on 19th 18.5°C

Discharges at Aswan measured by sluices m³ per sec

DATE	1937	1936
19-7	1562	1769
18-7	1493	1552

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	19-7	13.82	+0.32	13.71	+0.14
Nāsser	17-7	8.96	-0.18	8.70	-0.21
Malakāl	19-7	11.35	-0.05	11.34	-0.05
Roseires	19-7	18.43	+2.09	17.77	+1.65
Sennār Res.	18-7	12.80	—	11.65	—
Khartūm	19-7	13.22	+0.44	13.20	+0.41
Kh. el Girba	18-7	13.14	+0.34	12.60	-0.11
Atbara	19-7	12.18	+0.24	11.70	-0.06
Kajnarti	19-7	134.40	-0.40	134.33	-0.29
Wādi Halfa	19-7	2.97	-0.11	2.96	-0.01
Aswān Res. D.S.	19-7	97.38	—	97.26	—
	19-7	86.69	-0.52	86.82	-0.56
El Leisi	19-7	17.73	+0.29	17.92	+0.31
Rōda (Cairo)	19-7	15.82	+0.11	15.82	+0.21



STATION	At 8h on 18-7-37 ٣٧-٧-١٨ 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.	محطة
Limassol	1005	-2	E	1	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.9	+2.0	WSW	2	28.9	31	0	24	+2	69	0	0	—	—	—	0	465	647	حيفا
Gaza	1009.5	+2.8	—	0	24.1	33	+3	22	+2	75	+3	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, 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)

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

DAILY WEATHER REPORT ١٩٣٧/٧/٢٠

Time of sunrise 05 07 h. m.
sunset 18 55

Month *July*, 1937 ١٩٣٧ شهر يوليه

At 14h on 19th (١٩ الساعة ٢ يوم) — At 8h on *Tuesday 20th* (الساعة ٨ يوم الثلاثاء ٢٠)

No.	Region	Station	14h Bar. Pressure Reduced to M.S.L. mb	14h Wind Dir	14h Wind Force	14h Temp °C	14h Humidity %	14h	14h	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	SALŪM	1009.5	N	4	29.4	56	0	8	1010.0	-0.4	NW	4	25.3	32	—	22	—	68	—	1	6	Cu	4	0	105	—
	Mediterranean	MATRŪH	1008.3	WNW	4	27.2	77	0	6	1008.4	-1.3	WNW	5	25.8	28	0	24	+3	79	0	0	6	—	0	0	182	158
	Mediterranean	DIKHEILA	1007.2	WNW	5	27.3	82	0	8	1007.2	—	NW	4	26.3	28	—	24	—	80	—	0	—	—	0	0	145	—
	Mediterranean	ALEXANDRIA	1006.6	NW	5	28.8	70	0	8	1007.0	-2.5	NW	4	25.7	30	0	24	+1	81	+5	0	9	—	0	0	167	190
159	Mediterranean	DAMIETTA								1005.6	—	SW	2	27.6	34	—	21	—	79	—	1	6	Ac	2	0	75	116
134	Mediterranean	PORT SAĪD	1004.8	NNW	3	31.2	64	0	7	1005.8	-2.2	SW	3	26.5	32	+1	24	+1	77	+5	1	7	Sc	1	0	38	82
135	Mediterranean	EL 'ARĪSH	1004.4	NNW	2	31.3	62	0	7	1005.5	—	WSW	2	27.0	32	—	23	—	79	—	2	7	Cu	2	0	85	91
136	Lower Egypt	DAMANHÛR								1006.7	-2.2	WNW	3	28.0	32	-1	20	+1	70	+1	0	8	—	0	0	78	110
137	Lower Egypt	MANSÛRA								1005.9	—	N	1	26.9	36	+1	21	+1	77	+2	1	7	Cs	1	0	45	57
138	Lower Egypt	TANTA	1004.8	NNW	3	34.0	48	0	7	1006.4	-2.9	NW	2	26.5	35	-1	20	0	83	+11	2	7	Cu	2	0	54	48
139	Lower Egypt	ZAGÂZIG	1004.4	NNW	1	35.4	28	0	8	1006.3	—	WNW	1	26.4	35	0	22	+3	75	0	0	8	—	0	0	20	28
	Cairo	ALMÂZA	1005.6	NNW	3	35.4	21	0	8	1007.4	—	W	3	25.1	36	—	20	—	73	—	2	8	St	2	0	23	—
	Cairo	EZBEKĪYA	1004.4	NNW	1	35.3	32	0	8	1006.6	-2.3	NNW	1	26.7	37	+2	23	+2	70	-3	2	5	Cc	1	0	18	34
	Cairo	GĪZA	1004.4	NNE	2	35.4	33	0	8	1006.7	-2.9	NNW	2	25.8	36	+1	23	+4	79	+5	3	6	Sc	1	0	16	31
	Middle Egypt	HELWÂN	1003.9	NNE	3	35.4	16	0	8	1006.0	-3.1	NNW	1	24.3	36	+1	22	+1	76	+9	0	5	—	2	0	17	35
144	Middle Egypt	SUEZ								1006.3	-2.1	NNW	2	26.2	37	+1	23	0	91	+17	0	6	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1004.7	N	4	35.5	19	0	8	1006.7	-2.6	N	3	26.0	37	0	22	+1	72	+7	0	7	—	0	0	6	11
154	Upper Egypt	MINYA	1005.4	N	4	34.0	36	0	7	1006.2	-2.2	N	3	25.6	35	-2	21	0	64	0	0	8	—	0	0	16	—
155	Upper Egypt	ASYÛT	1004.6	W	4	33.6	30	0	8	1006.0	-2.2	WSW	2	27.5	36	-1	22	-1	48	0	0	7	—	0	0	dr	5
156	Upper Egypt	QENA	1001.9	NNW	1	40.5	30	0	9	1005.1	-1.3	W	1	31.0	41	0	25	+1	42	+2	0	8	—	0	0	dr	—
157	Upper Egypt	LUXOR	1002.3	WNW	1	40.0	37	0	8	1004.3	—	—	0	34.0	41	—	22	—	43	—	0	8	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1001.6	—	0	40.0	35	0	8	1004.3	-2.9	—	0	32.5	42	0	26	0	45	+13	0	8	—	0	0	1	—
148	Western Desert	SĪWA	1007.6	N	2	36.0	30	0	6	1009.4	-1.4	NE	1	27.7	38	0	21	0	64	+2	0	6	—	0	0	29	7
149	Western Desert	BAHARĪYA	1005.6	N	2	35.3	30	0	9	1008.3		NNW	2	25.0	36	—	20	—	71	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1003.9	N	2	37.5	41	0	9	1006.2	-1.6	N	1	29.8	39	-1	23	0	68	+26	0	9	—	0	0	0	dr
152	Western Desert	DÂKHLA	1007.5	NNW	3	35.3	15	0	8	1007.6	-1.1	NNW	3	29.0	36	-4	24	+1	37	+5	0	8	—	0	0	dr	—
145	Red Sea	TÔR								1004.0	-2.0	NW	4	27.5	32	-2	22	-2	69	-5	0	6	—	0	0	14	14
146	Red Sea	HURGHÂDA								1005.5	-1.0	N	3	30.3	32	-3	25	+1	63	+9	0	6	—	1	0	dr	1
147	Red Sea	QUSEIR	1002.8	N	3	33.4	52	0	6																		
169	Red Sea	PORT SUDAN								1004.0	-1.0	SW	2	—	—	—	—	—	—	—	1	—	—	0	0	42	115
165	North Sudan	WADI HALFA								1007.3	-0.5	—	0	28.0	37	-4	23	-1	28	+4	1	8	Ci	1	—	—	—
166	North Sudan	KAREIMA								1006.9	-1.1	—	0	33.0	42	0	27	0	34	0	0	6	Cs	0	0	1	10
167	North Sudan	'ATBARA								1006.8	-1.2	SW	2	31.5	41	+1	27	+1	23	-12	0	—	—	0	0	5	25
168	North Sudan	KHARTÛM								1008.9	0.0	SW	3	28.3	35	-3	25	0	63	+2	0	8	Ac	0	0	64	46
170	North Sudan	KASSALA								1009.0	-2.3	SSE	3	26.7	34	-1	23	0	63	-2	0	8	—	0	0	107	117
171	Central Sudan	WAD MEDANI								1009.4	-1.1	SSW	2	26.4	30	-6	22	0	73	+6	2	—	—	0	0	275	138
173	Central Sudan	DUEIM																									
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1010.2	-1.8	WSW	2	22.8	28	-4	21	0	82	+4	3	—	—	1	0	459	340
174	Central Sudan	EL OBEID								1010.9	-1.1	SW	3	23.1	28	-6	23	+1	83	+10	4	8	Ac,Cb	0	9	191	122
175	Central Sudan	EL FÂSHER								—	—	SW	2	25.5	37	+2	21	0	76	+11	0	—	—	0	0	88	99
176	S. Sudan	MALAKÂL								1011.6	-1.2	W	2	23.8	27	-4	21	0	83	-1	3	8	Ac	1	dr	360	473
177	S. Sudan	WAU								1013.1	+1.6	SW	3	22.0	31	-1	20	0	91	+8	4	—	—	1	1	602	668
178	S. Sudan	JÛBA								1013.7	+0.9	W	3	23.0	33	+2	21	+1	83	-3	4	8	Cb,Cs	2	dr	706	636
179		Geneina								—	—	W	2	21.6	33	—	20	—	82	—	4	8	Fr,Ac	1	2	—	—
180		Gallabat								—	—	S	2	23.7	28	—	20	—	85	—	1	—	—	1	0	—	—

Upper Wind Observations on 20.7.1937 — ارصاد الرياح العليا يوم ٢٠/٧/١٩٣٧

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

Height metres above M.S.L.	Salum 07h00m Dir	Kms	Matruh 07h00m 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 05h00m Dir	Kms	Kassala 06h00m Dir	Kms	El Obeid 06h00m Dir	Kms	Malakal 06h00m Dir	Kms	Geneina 06h00m Dir	Kms	Salum 19th 13h00m Dir	Kms	Almaza 19th 19.15 Dir	Kms
200	330	26	300	26	330	10	320	20	—	—	—	—	270	8	—	—	—	—	—	—	—	—	—	—	—	—	20	25	350	10
500	—	—	320	32	340	10	10	8	10	23	0	19	330	21	30	13	210	19	—	—	—	—	270	11	—	—	—	—	10	7
1000	0	23	Entered St		120	7	250	3	320	31	350	25	320	23	150	14	230	14	200	31	240	24	220	11	230	8	0	16	40	24
1500	300	14			60	22	80	22	70	5	0	24	290	18			230	14	230	18	230	11	230	14	230	21	350	37	20	15
2000					50	16	20	20	200	14	10	11	270	13			250	24	250	14	110	21	220	16	250	11			20	17
3000					10	2	180	5					190	14			260	53	0	13	90	39	220	8					10	8
4000					30	6	60	4					260	5									20	8						
5000					90	10	70	12																						
6000					130	10	90	14																						
7000					90	21																								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

Station	Mean of day Humidity % on 19th	Diff from normal	Wet bulb temp. °C on 19th	Diff from normal
Alexandria	81	+8	23.7	+1.3
Ezbekiya	59	-1	23.1	+0.5
Giza	65	+4	22.9	+1.1
Helwân	53	+6	20.5	+0.8

Giza Grass minimum on 20th 19.5 °C

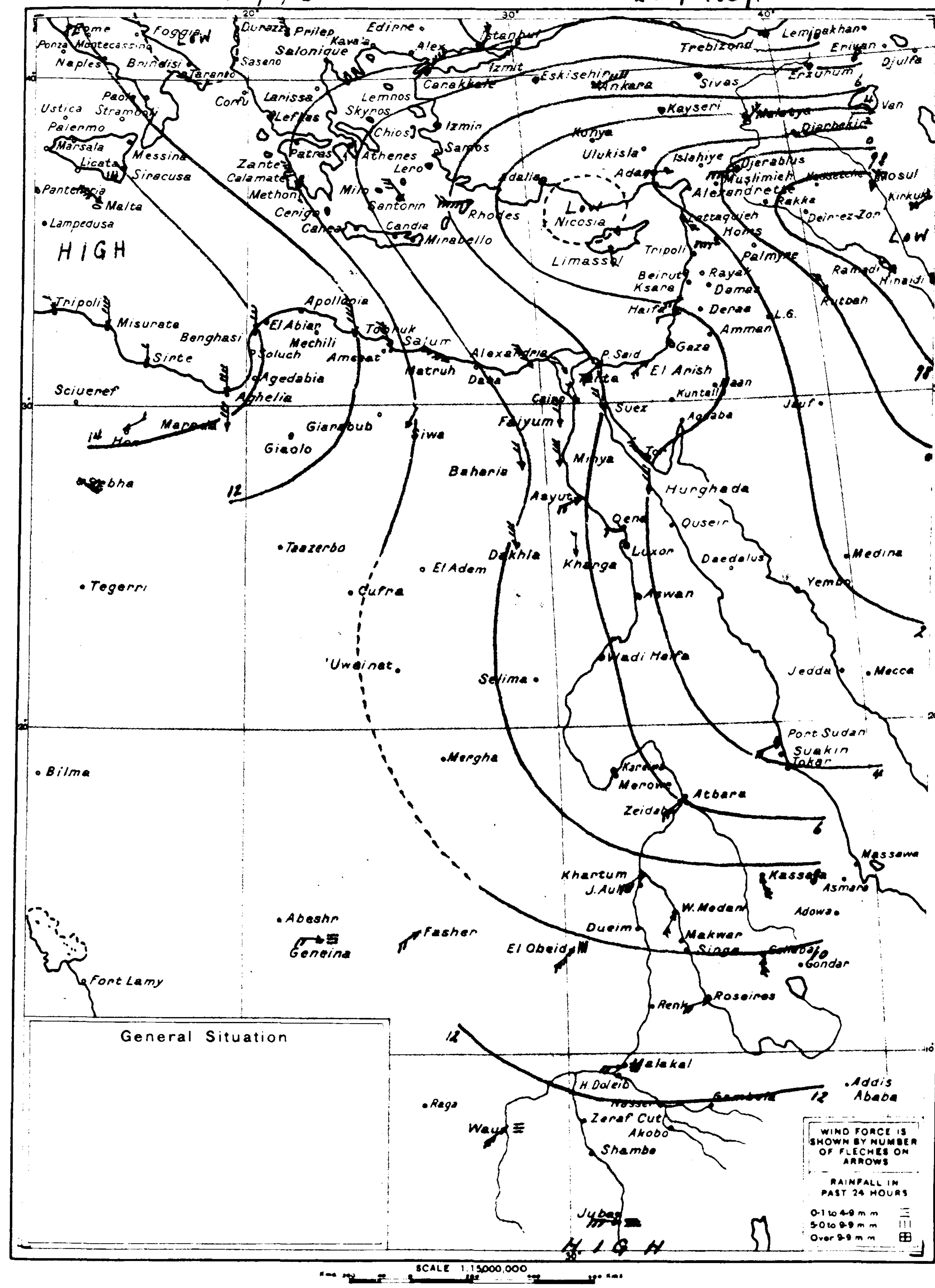
Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
20.7	1618	1978
19.7	1562	1769

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	19.7	13.82	+0.22	13.71	+0.11
Nâsser	19.7	9.04	-0.16	9.01	-0.16
Malakâl	20.7	11.36	-0.05	11.35	-0.05
Roseires	20.7	18.69	+2.18	18.43	+2.07
Sennâr Res.	19.7	13.85	—	12.80	—
Khartûm	19.7	13.22	+0.44	13.20	+0.47
Kh. el Girba	19.7	12.41	+0.05	13.11	+0.34
Atbara	20.7	12.27	+0.25	12.18	+0.24
Kajnarti	20.7	134.65	-0.31	134.40	-0.40
Wâdi Halfa	20.7	3.86	+0.10	2.77	-0.11
Aswân Res.	20.7	97.38	—	97.38	—
D.S.	20.7	86.76	-0.47	86.67	-0.52
El Leisi	20.7	17.93	+0.36	17.73	+0.29
Rôda (Cairo)	20.7	15.32	+0.10	15.22	+0.11

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

Pressure and Wind at 8h. 20.7.1937.



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 8h on 19.7.1937 — الساعة ٨ يوم ١٩/٧/١٩٣٧

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		محطة
Limassol	1003	-4	—	0	32	—	—	—	—	—	—	0	—	—	—		—	—	—	ليماسول
Haifa	1004.6	-1.3	WSW	3	29.7	31	0	25	+3	84	+15	0	—	—	—	0	365	647	—	حيفا
Gaza	1007.0	+0.3	—	0	27.1	33	+3	22	+2	77	+5	2	6	—	1	0	395	376	—	غزه

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

CAIRO

Time of sunrise 05 h. 08 m.
sunset 18 h. 55 m.

Month July 1937 ١٩٣٧ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 20th (الساعة ٢ يوم ٢٠)

No.	Station	Barometric Pressure Reduced to M.S.L. mb	Wind Dir	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
	SALŪM	1009.8	NNW	4	25.3	46	0	7
	MATRŪH	1008.6	NW	5	26.9	76	0	6
	DIKHEILA	1007.2	WNW	5	28.5	82	0	—
	ALEXANDRIA	1006.8	WNW	4	29.2			
159	DAMIETTA							
134	PORT SAÏD	1004.8	NW	4	31.1	70	0	9
135	EL 'ARÎSH	1004.4	NNW	3	31.0	79	0	7
	LOWER EGYPT							
136	DAMANHŪR							
137	MANSŪRA							
[illegible]	TANTA	1005.4	NW	5	34.0	45	2	7
	ZAGĀZIG	1004.8	NNW	2	35.4	42	0	8
	MIDDLE EGYPT							
	CAIRO ALMÁZA	1005.8	NW	3	36.0	25	0	8
	CAIRO EZBEKÎYA	1004.7	NNW	1	36.2	33	0	8
	CAIRO GÎZA	1004.7	N	2	37.1	29	0	7
143	HELWÂN	1004.2	WNW	4	34.5	28	0	6
144	SUEZ							
	UPPER EGYPT							
153	FAIYŪM	1005.0	NE	4	35.8	29	0	8
154	MINYA	1005.8	NNE	3	34.7	30	0	7
155	ASYŪT	1004.7	WSW	3	35.0	32	0	8
156	QENA	1003.0	W	1	40.5	30	0	9
157	LUXOR	1002.4	WSW	3	41.3	35	0	8
158	ASWÂN	1001.9	—	0	41.2	34	0	8
	WESTERN DESERT							
148	SÎWA	1007.8	NNE	1	39.4	32	0	6
149	BAHARÎYA	1006.4	NNW	5	36.0	31	0	9
151	KHÂRGA	1003.1	N	1	39.6	34	0	9
152	DÂKHLA	1006.4	NNW	3	36.0	13	0	8
	RED SEA							
145	TŌR							
146	HURGHÂDA							
147	QUSEIR	1003.4	NNE	3	32.8	61	0	6
169	PORT SUDAN							
	NORTH SUDAN							
165	WÂDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTŪM							
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	JÛBA							
179	Geneina							
180	Gallabat							

At 8h. on Wednesday 21st (الساعة ٨ يوم الأربعاء ٢١)

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
SALŪM	1009.5	-0.8	NNW	4	24.3	31	—	20	—	73	—	3	7	Cu	2	0	105	—
MATRŪH	1007.9	-1.8	NW	4	24.9	27	-1	24	+3	70	-9	3	6	Cu	2	0	182	158
DIKHEILA	1007.3	—	NW	5	26.0	29	—	24	—	79	—	1	7	Cu	0	0	145	—
ALEXANDRIA	1007.0	-2.5	W	4	25.3	31	+1	24	+1	75	-1	2	9	Cu	2	0	167	190
DAMIETTA	1006.0	—	NW	2	28.2	33	—	23	—	69	—	1	8	Ac	1	0	75	116
PORT SAÏD	1006.2	-1.7	SW	3	26.8	33	+2	24	+1	73	+1	1	7	Sc	1	0	38	82
EL 'ARÎSH	1005.9	—	WSW	2	28.0	32	—	25	—	77	—	1	7	Cu	1	0	85	91
DAMANHŪR	1007.2	-1.7	WSW	3	27.0	33	0	21	+2	66	-3	3	8	Cu	1	0	78	110
MANSŪRA	1006.3	—	NNW	1	26.5	36	+1	22	+2	67	-8	1	7	Cs	1	0	45	57
TANTA	1007.0	-2.3	NW	2	25.5	35	-1	21	+1	76	+3	3	6	Cu	2	0	54	48
ZAGĀZIG	1007.2	—	NW	1	26.4	36	+1	22	+3	72	-3	1	8	Ci	1	0	20	28
CAIRO ALMÁZA	1007.9	—	WNW	3	24.8	37	—	21	—	71	—	4	7	St	2	0	23	—
CAIRO EZBEKÎYA	1007.4	-1.5	NNW	2	26.0	38	+3	23	+2	76	+3	3	6	Cu	1	0	18	34
CAIRO GÎZA	1007.4	-2.2	NNW	2	26.1	38	+3	22	+2	71	-3	4	5	Sc	2	0	16	31
HELWÂN	1007.6	-1.5	NW	3	24.3	37	+2	22	+1	71	+4	3	6	Sc	2	0	17	35
SUEZ	1007.0	-1.4	N	2	26.5	38	+2	22	-1	82	+8	0	6	—	0	0	13	26
FAIYŪM	1007.9	-1.4	NNE	3	26.8	38	+1	21	0	66	+1	1	6	Cu	0	0	6	11
MINYA	1007.2	-1.2	NNW	2	26.0	36	-1	21	0	69	+4	0	9	—	0	0	16	—
ASYŪT	1007.1	-1.1	NNE	3	26.5	38	+1	22	-1	59	+10	0	7	—	0	0	dr.	5
QENA	1005.0	-1.4	WSW	1	31.8	41	0	27	+3	42	+2	0	8	—	0	0	dr.	—
LUXOR	1004.7	—	—	0	35.0	43	—	24	—	43	—	0	8	Sc	0	0	dr.	—
ASWÂN	1005.0	-2.2	—	0	33.2	43	+1	26	0	46	+14	0	8	—	0	0	1	—
SÎWA	1010.4	-0.4	—	0	25.0	41	+3	21	0	77	+15	0	6	—	0	0	29	7
BAHARÎYA	1009.1		N	2	24.7	38	—	20	—	76	—	0	9	—	0	0	26	—
KHÂRGA	1007.0	-0.8	N	3	31.3	40	0	25	+2	51	+9	0	9	—	0	0	0	dr.
DÂKHLA	1008.6	-0.1	NW	2	29.5	37	-3	25	+2	47	+15	0	8	—	0	0	dr.	—
TŌR	1004.7	-1.3	NW	4	28.5	36	+2	26	+2	64	-10	0	6	—	0	0	14	14
HURGHÂDA	1005.5	-1.0	NNW	4	30.9	35	0	27	+3	58	+4	0	7	—	1	0	dr.	1
QUSEIR	1004.6	-1.3	N	2	32.0	35	+1	26	-1	56	+8	0	6	—	0	0	1	7
PORT SUDAN	1004.0	-1.0	SE	1	—	—	—	—	—	—	—	0	—	—	0	0	42	115
WÂDI HALFA	1007.7	-0.1	NW	1	27.9	39	-2	23	-1	29	+4	0	8	—	0	—	—	—
KAREIMA	1007.3	-0.7	WNW	1	34.0	41	-1	25	-2	27	-7	0	8	Ac	0	0	1	10
'ATBARA	1008.4	+0.4	NW	2	33.4	41	+1	27	+1	18	-17	0	—	—	0	0	5	26
KHARTŪM	1008.0	-1.0	SSW	3	30.0	37	-1	26	+1	53	-9	1	8	Ac	1	dr.	64	48
KASSALA	1009.5	-1.8	S	3	28.3	37	+2	25	+2	63	-3	1	8	Ac	0	0	107	121
WAD MEDANI	1009.3	-1.2	SW	2	27.8	34	-2	23	+1	65	-3	0	—	—	0	dr.	275	141
DUEIM																		
RENK																		
ROSEIRES	1011.0	-1.0	SE	2	24.0	33	+1	22	+1	84	+6	2	—	—	1	3	462	346
EL OBEID	1010.3	-1.7	SW	2	24.1	31	-3	23	+1	75	+2	3	8	Ac	0	0	191	124
EL FÂSHER	—	—	NW	1	24.0	37	+2	—	—	83	+18	0	—	—	0	7	95	103
MALAKÂL																		
WÂU	1012.0	+0.5	S	1	24.0	29	-3	20	0	79	-4	1	—	—	0	0	602	674
JÛBA	1014.1	+1.3	NW	3	23.9	31	0	21	+1	91	+5	4	8	Sc	5	dr.	706	641
Geneina	—	—	W	2	21.0	32	—	20	—	91	—	4	8	Fn	1	24	—	—
Gallabat																		

Upper Wind Observations on 21-7-37
ارصاد الرياح العليا يوم ٢١-٧-٣٧

(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	Cairo 08h 00m Dir	Kms	Helwan 08h 15m 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 20th 13h 00m Dir	Kms	Almaza 20th 12h 00m Dir	Kms
[illegible]	330	17	310	33	310	26	330	13	300	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	330	24	290	18
[illegible]	—	—	310	45	310	26	330	11	320	11	350	35	350	17	330	29	320	10	220	31	—	—	—	—	—	—	—	—	320	7
[illegible]	340	45	310	36	300	18	Emb. Cu		290	16	340	32	350	22	330	21	340	14	230	27	210	43	210	23	190	5	330	30	10	16
[illegible]	330	56	330	42	230	16			260	16	340	19			300	18	340	3	230	19	250	45	200	21	270	8			30	21
2000									270	12					260	14	270	11	250	14	260	24	160	18	0	5			0	14
3000															250	29	270	16			30	32							240	6
4000																	250	24												
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 20th	Diff from normal	Wet Bulb Temp. °C on 20th	Diff from normal
Alexandria	82	+9	24.1	+1.7
Ezbekiya	58	-2	23.1	+0.5
Giza	63	+2	22.8	+0.9
Helwan	55	+8	21.3	+1.6

Giza Grass minimum on 21st 19.5°C

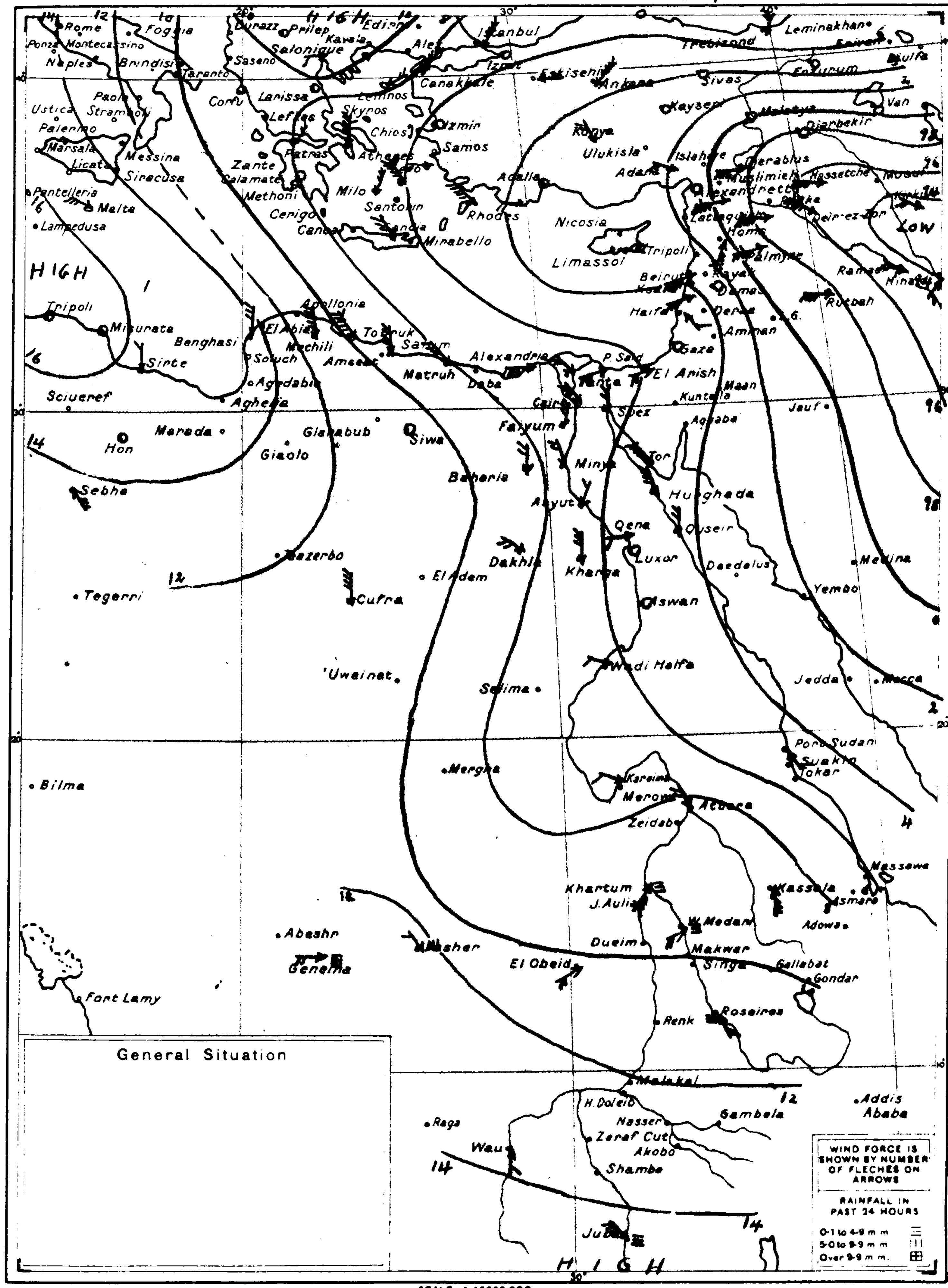
Discharges at Aswân measured by sluices m^3 per sec

Date	1937	1936
21-7	1740	2136
20-7	1618	1978

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	21-7	14.32	+0.71	13.78	+0.18
Nâsser	20-7	9.08	-0.15	9.04	-0.16
Malakâl	21-7	11.37	-0.05	11.36	-0.05
Roseires	21-7	18.82	+2.16	18.69	+2.18
Sennâr Res.	20-7	14.68	—	13.85	—
Khartûm	21-7	13.55	+0.58	13.37	+0.51
Kh el Girba	20-7	12.93	-0.01	12.91	+0.05
'Atbara	21-7	12.48	+0.37	12.27	+0.26
Kajnarti	20-7	134.66	-0.31	134.40	-0.40
Wâdi Halfa	20-7	3.08	-0.10	2.97	-0.11
Aswân Res.	21-7	97.30	—	97.38	—
D. S.	21-7	86.91	-0.36	86.76	-0.47
El Leisi	21-7	17.95	+0.24	17.93	+0.26
Rôda (Cairo)	21-7	15.82	+0.09	15.82	+0.10

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

٢١-٧-٣٧ Pressure and Wind at 8 h 21-7-37.



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 8h on 20-7-37 (الساعة ٨ يوم ٢٠-٧-٣٧)

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. To day °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
Limasol	1003	-4	S	1	27	—	—	—	—	—	—	—	—	—	0	—	—	—	ليماسول
Haifa	1004.8	-1.1	WSW	1	29.7	32	+1	25	+3	91	+22	0	—	—	—	0	365	647	حيفا
Gaza	1005.3	-1.4	—	0	26.8	34	+4	22	+2	80	+8	3	4	—	1	0	395	376	غزة
Quseir	1003.8	-2.2	NNW	1	31.8	35	+1	27	0	56	+8	0	6	—	0	0	1	7	القصير

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

CAIRO
Time of sunrise 05 h. 08 m.
sunset 18 h. 54 m.

Month July 1937 ١٩٣٧ شهر يوليه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

٢٢-٧-٣٧ Pressure and Wind at 8 h. 22-7-37

At 14h. on 21st الساعة ١٤ يوم ٢١ — At 8h. on Thursday 22nd الساعة ٨ يوم الخميس ٢٢

No.	Station	14h Barometric Pressure Reduced to M.S.L. m.b.	14h Wind Dir	14h Wind Force	14h Temperature °C	14h Humidity %	14h [illegible]	14h [illegible]	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 — SALÛM	1008.8	NNW	4	28.5	83	2	8	1009.4	-0.9	NW	4	23.9	29	—	21	—	80	—	3	6	Cu	2	0	105	—
	MATRÛH	1007.5	WNW	6	26.1	72	2	6	1007.8	-1.8	NNW	4	25.2	26	-2	23	+2	77	-2	2	6	Sc	1	0	182	158
130	DIKHEILA	1007.2	WNW	5	27.2	80	3	—	1007.6	—	WNW	2	26.2	27	—	24	—	78	—	3	8	Cu	1	0	145	—
132	ALEXANDRIA	1006.7	NW	4	28.3	67	2	9	1007.5	-2.0	W	1	25.5	30	0	23	0	74	-2	3	9	Cu	2	0	167	190
159	[illegible]								1006.6	—	SW	2	26.5	32	—	20	—	77	—	1	8	Cu	1	0	75	116
131	PORT SAÏD	1005.3	NW	3	30.6	62	0	7	1006.8	-1.1	WSW	3	26.5	31	0	24	+1	69	-3	1	7	Cu	0	0	38	82
1?6	EL 'ARÎSH	1004.4	NNW	3	29.0	72	0	7	1006.2	—	WSW	1	29.0	31	—	25	—	70	—	2	7	Cu	0	0	85	91
136	EGYPT — DAMANHÛR								1007.6	-1.2	W	2	27.0	31	-2	21	+2	68	-2	3	7	Cu	0	0	78	110
137	MANSÛRA								1006.7	—	SW	1	26.3	34	-1	20	0	72	-3	1	7	Cs	1	0	45	57
	TANTA	1005.1	NW	2	32.0	54	0	7	1007.5	-1.8	—	0	26.0	33	-3	19	-1	76	+8	4	6	Cu	2	0	54	48
	ZAGÂZÎG	1005.5	WNW	1	33.9	42	0	8	1007.5	—	WNW	1	25.9	34	-1	19	0	70	-5	0	8	Ci	1	0	20	28
	MIDDLE EGYPT — CAIRO ALMÂZA	1006.0	NW	3	33.3	39	0	8	1007.9	—	N	3	24.9	35	—	19	—	77	—	3	7	Sc	2	0	23	—
	CAIRO EZBEKÎYA	1004.7	N	2	34.5	37	0	8	1007.2	-1.7	NW	1	27.0	37	+2	22	+1	68	-6	3	6	Cu	1	0	18	34
	CAIRO GÎZA	1004.7	WSW	1	35.5	35	0	8	1007.4	-2.2	NNW	1	25.3	37	+2	21	+1	73	-1	3	6	Sc	1	0	16	31
143	HELWÂN	1004.7	NW	3	33.1	34	0	8	1006.7	-2.4	NNW	1	24.2	35	0	21	0	72	+5	1	6	Cu	0	0	17	35
144	SUEZ								1006.8	-1.6	N	1	26.6	37	+1	24	+1	87	+13	0	6	Ci	0	0	13	26
153	UPPER EGYPT — FAIYÛM	1005.8	WNW	3	33.7	32	0	8	1008.0	-1.3	N	2	26.1	37	0	22	+1	68	+3	3	6	Cu	0	0	6	11
154	MINYA	1005.8	N	3	33.8	34	0	8	1007.5	-0.8	NNW	1	27.0	35	-2	22	+1	63	-2	0	8	—	0	0	16	—
155	ASYÛT	1005.8	WSW	3	34.4	32	0	8	1007.2	-1.0	NW	3	27.5	36	-1	21	-2	60	+11	0	7	—	0	0	dr.	5
156	QENA	1003.1	WSW	1	41.3	32	0	9	1005.8	-0.6	W	1	31.0	41	0	26	+2	45	+5	0	8	—	0	0	dr.	—
157	LUXOR	1003.1	WSW	3	40.3	38	0	8	1005.1	—	—	0	34.7	41	—	22	—	43	—	0	8	—	0	0	dr.	—
158	ASWÂN	1002.2	SW	1	41.6	35	0	8	1005.6	-1.6	—	0	35.0	43	+1	26	0	44	+12	0	8	—	0	0	1	—
148	WESTERN DESERT — SÎWA	1007.9	WNW	2	33.3	41	0	6	1011.5	+0.7	—	0	24.4	35	-3	21	0	80	+18	4	6	Cc	2	0	29	7
149	BAHARÎYA	1006.6	NW	4	33.3	39	0	9	1009.0		N	1	25.3	34	—	21	—	78	—	0	9	Ac	0	0	26	—
151	KHÂRGA	1005.0	NE	3	38.2	32	0	9	1007.4	-0.4	—	0	30.0	39	-1	23	0	57	+15	0	9	—	0	0	0	dr.
152	DÂKHLA	1006.8	NNW	4	37.0	16	0	7	1008.8	+0.1	NNW	1	28.1	38	-2	23	0	39	+7	0	9	—	0	0	dr.	—
145	RED SEA — TÔR								1005.0	-1.0	NW	5	27.3	36	+2	23	-1	82	+8	0	6	—	0	0	14	14
146	HURGHÂDA								1006.6	+0.1	N	3	30.0	34	-1	26	+2	62	+8	0	7	—	0	0	dr.	1
147	QUSEIR	1004.0	N	2	33.6	58	0	6	1004.7	-1.2	NNW	2	31.4	35	+1	28	+1	58	+11	0	6	—	0	0	1	7
169	PORT SUDAN								1003.9	-1.2	W	2	—	—	—	—	—	—	—	0	—	—	0	0	42	115
165	NORTH SUDAN — WÂDI HALFA								1008.5	+0.7	—	0	28.0	39	-2	23	-1	33	+8	0	7	—	0	—	—	—
166	KAREIMA								1007.5	-0.5	SSW	3	32.1	42	0	28	+1	33	-2	0	7	Ac	0	0	1	10
167	'ATBARA								1007.6	-0.4	SW	2	31.8	41	+1	27	+1	20	-16	2	—	—	0	0	5	27
168	KHARTÛM								1008.7	-0.3	SSW	3	28.0	36	-2	26	+1	63	+1	3	8	Ac, Ci	8	dr.	64	49
170	KASSALA								1008.8	-2.6	SSE	3	27.0	36	+2	24	+1	69	+3	1	8	Ac	0	0	107	124
171	CENTRAL SUDAN — WAD MEDANI								1009.4	-1.1	SW	3	27.0	35	-1	23	+1	68	0	2	—	—	0	0	275	145
173	DUEIM								1009.0	-1.7	S	3	27.8	36	0	20	-3	67	+1	0	—	—	8	24	90	113
	RENK																									
172	ROSEIRES								1010.2	-1.8	WNW	2	24.6	33	+1	22	+1	80	+2	1	—	—	0	dr.	462	353
174	EL OBEID								1010.0	-2.0	S	4	26.8	33	-1	24	+2	63	-10	0	8	Ac	1	0	191	127
175	EL FÂSHER								—	—	SW	1	26.0	36	+1	23	+2	73	+7	0	—	—	0	0	95	106
176	S. SUDAN — MALAKÂL								1010.8	-2.0	S	1	26.0	30	-1	22	+1	76	-8	0	8	—	0	dr.	363	485
177	WÂU								1011.6	+0.1	SW	1	23.5	33	+1	21	+1	90	+7	1	—	—	1	1	603	680
178	JÛBA								1013.1	+0.3	ENE	2	24.9	32	+1	21	+1	76	-10	2	8	Sc	2	0	706	645
179	Geneina								—	—	N	4	23.2	29	—	21	—	83	—	3	8	S,A,C	8	2	—	—
180	Gallabat																									

Upper Wind Observations on 22-7-37 ارصاد الرياح العليا يوم ٢٢-٧-٣٧

Height metres above M.S.L.	Salum 07h.00m Dir. E. of N	Kms per hour	Matruh 07h.00m Dir.	Kms	Dikheila 07h30m Dir.	Kms	Cairo 08h00m Dir.	Kms	Helwan 08h45m Dir.	Kms	Asyut 07h.00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Wadi Halfa 06h00m Dir.	Kms	Kareima 05h.00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Geneina 06h00m Dir.	Kms	Salum 21st 13h00m Dir.	Kms	Almaza 21st 12h15m Dir.	Kms
200	320	20	310	12	290	17	330	8	320	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	330	28	290	24
[illegible]	—	—	300	24	280	16	340	5	330	9	350	13	330	29	40	21	210	31	170	31	—	—	170	16	—	—	—	—	290	35
[illegible]	340	23	340	18	240	19	Ent. Cu		240	22	330	—	330	24	310	11	220	16	190	50	210	26	190	14	250	13	0	35	290	51
[illegible]	0	20	350	23	340	25			270	24	310	19	260	26	280	13	20	14	220	8	260	29	210	6	250	19	Ent. Cu		300	10
2000					340	18			250	7	280	12	270	18	290	21	350	13	20	6	260	26	330	5	230	14			260	19
3000									220	51					310	60	270	18	40	13	350	16	180	2	80	40			240	25
4000																							110	11						
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

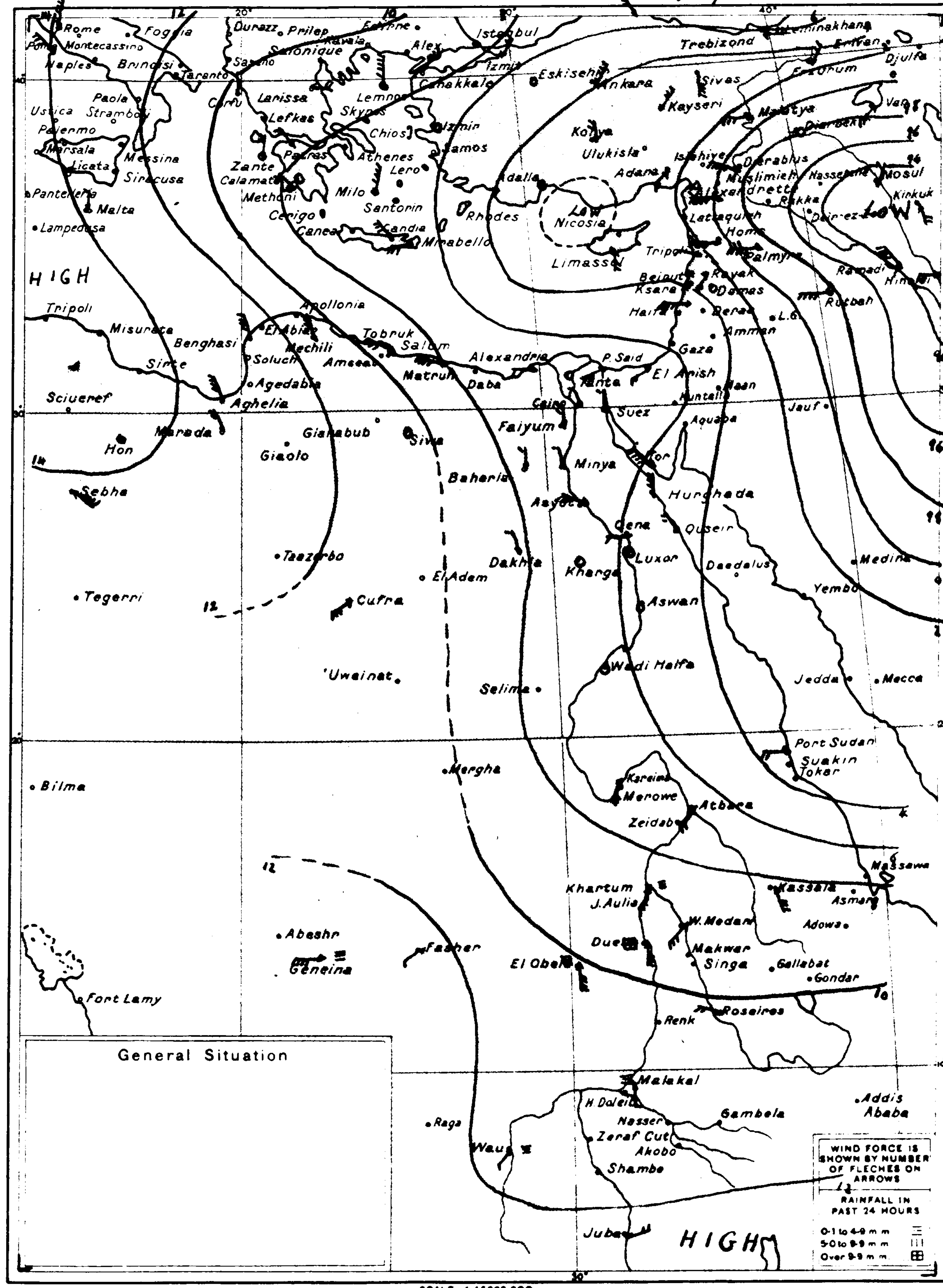
Station	Mean of day: Humidity % on 21st	Diff. from Normal	Wet bulb temp. °C on 21st	Diff. from Normal
Alexandria	75	+2	22.8	+0.4
Ezbekiya	63	+3	22.1	+0.5
Gîza	62	+1	23.0	+1.1
Helwân	57	+9	21.5	+1.8

Gîza Grass minimum on 22nd 17.8°C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
22-7	1737	2271
21-7	1740	2136

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	21-7	14.32	+0.71	13.78	+0.18
Nâsser	21-7	9.18	-0.08	9.08	-0.15
Malakâl	22-7	11.38	-0.06	11.37	-0.05
Roseires	22-7	18.81	+1.99	18.82	+2.16
Sennâr Res.	22-7	15.94	—	15.42	—
Khartûm	21-7	13.55	+0.58	13.37	+0.51
Kh. el Girba	21-7	13.09	+0.05	12.93	-0.01
'Atbara	21-7	12.48	+0.37	12.27	+0.25
Kajnarti	22-7	185.36	+0.03	185.07	-0.04
Wâdi Halfa	22-7	3.55	+0.15	3.22	+0.04
Aswân Res.	22-7	97.05	—	97.30	—
Aswân D. S.	22-7	86.96	-0.35	86.91	-0.36
El Leisi	22-7	17.97	+0.32	17.95	+0.24
Rôda (Cairo)	22-7	15.82	+0.08	15.82	+0.09



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 21-7-37 الساعة ٨ يوم ٢١-٧-٣٧

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. 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	1003	-4	E	3	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1004.8	-1.1	ESE	1	29.6	32	+1	25	+3	91	+22	0	—	—	—	0	365	647	حيفا
Gaza	1005.4	-1.3	—	0	27.9	33	+3	24	+4	69	-3	3	4	—	1	0	395	376	غزة

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MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

CAIRO
Time of sunrise 5h 4m (?)
sunset 18h 54m (?)

Month July 1937 ١٩٣٧ شهر يوليه

No.	STATION	At 14h on 22nd (الساعة ٤ يوم الخميس ٢٢) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h on Friday 23rd (الساعة ٨ يوم الجمعة ٢٣) 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.
[redacted]	[redacted]LÛM	1009.5	NNW	3	29.3	56	1	7	1009.3	-1.0	WNW	4	24.4	31	—	21	—	80	—	0	7	Cu	0	0	105	—
	[redacted]TRÛH	1008.0	NW	4	26.6	75	2	6	1007.5	-2.1	W	4	25.2	27	-1	22	+1	79	0	2	6	Cu	1	0	182	158
	[redacted]IKHEILA	1008.0	WNW	5	27.6	80	2	8	1007.2	—	WNW	3	26.0	29	—	23	—	82	—	3	8	Cu	2	0	145	—
[redacted]	ALEXANDRIA	1007.4	NW	3	28.8	68	1	9	1006.8	-2.7	WNW	2	25.2	30	-1	24	+1	77	+1	2	9	Cu	2	0	167	190
154	DAMIETTA								1006.0	—	NW	1	28.1	32	—	20	—	66	—	2	8	Cu	1	0	75	116
134	PORT SAÏD	1006.4	NNW	3	31.0	54	0	7	1006.4	-1.5	WSW	3	27.0	32	+1	24	+1	69	-3	2	7	Cu	0	0	38	82
135	EL 'ARÎSH	1005.8	NNW	3	29.5	73	0	7	1005.4	—	WSW	1	29.0	30	—	24	—	71	—	2	7	Cu	1	0	85	91
[redacted]	DAMANHÛR								1007.0	-1.8	WSW	2	27.8	32	-1	21	+2	65	-5	2	7	Cu	0	0	78	110
[redacted]	MANSÛRA								1006.2	—	W	1	26.3	34	-1	20	0	76	+1	1	7	Cs	1	0	45	57
[redacted]	[redacted]	1006.2	NW	2	30.5	55	2	7	1006.8	-2.5	NW	3	27.2	33	-3	19	-1	68	-5	0	8	—	0	0	54	48
[redacted]	[redacted]	1006.0	NNW	1	32.9	47	0	8	1006.8	—	SW	1	25.9	33	-2	20	+1	76	+1	0	8	Ci	1	0	20	28
[redacted]	[redacted]ZA	1006.2	NW	3	32.7	38	0	8	1007.6	—	NW	3	25.7	33	—	19	—	73	—	3	7	Cu	2	0	23	—
	CAIRO EZBEKÎYA	1005.9	NW	2	32.5	44	0	8	1007.0	-2.0	NW	1	26.5	35	0	22	+1	72	-2	2	5	Cu	1	0	18	34
	CAIRO GÎZA	1006.0	ENE	1	34.3	43	0	7	1007.1	-2.5	WNW	1	25.3	35	0	20	0	75	+1	3	6	Cu	1	0	16	31
143	HELWÂN	1006.0	NW	3	31.8	34	0	8	1006.8	-2.3	NW	2	24.0	33	-2	21	0	77	+10	1	6	Cu	2	0	17	35
144	SUEZ								1006.8	-1.6	N	1	26.0	36	0	22	-1	86	+12	0	6	Ci	0	0	13	26
153	FAIYÛM	1007.2	N	2	32.8	33	0	8	1007.1	-2.1	N	3	26.0	36	-1	22	+1	68	+2	2	7	Cu	0	0	6	11
154	MINYA	1006.2	NW	2	36.5	29	0	7	1006.8	-1.5	N	1	27.7	37	0	22	+1	60	-5	0	9	—	0	0	16	—
155	ASYÛT	1006.2	NW	3	34.4	31	0	8	1006.6	-1.5	NNW	3	28.4	36	-1	22	-1	53	+4	0	7	—	0	0	dr.	5
156	QENA	1004.4	WSW	3	39.0	34	0	9	1005.9	-0.4	WSW	1	30.3	41	0	23	-1	46	+6	0	8	—	0	0	dr.	—
157	LUXOR	1004.3	WSW	3	39.0	38	0	8	1005.5	—	WSW	1	33.4	39	—	22	—	46	—	0	8	=	0	0	dr.	
158	ASWÂN	1004.6	NW	4	38.7	32	0	8	1005.9	-1.3	—	0	31.6	40	-2	26	0	45	+13	0	8	~	0	0	1	
148	SÎWA	1008.4	—	0	33.0	56	0	6	1011.2	+0.4	—	0	25.0	35	-3	21	0	82	+20	0	6	—	0	0	29	7
149	BAHARÎYA	1007.4	NNW	2	32.3	42	0	9	1008.4		N	1	26.0	34	—	21	—	75		0	9	—	0	0	26	
151	KHÂRGA	1004.4	N	3	37.0	41	0	9	1007.5	-0.3	N	4	32.0	38	-2	25	+2	41	-1	0	9	—	0	0	0	dr
152	DÂKHLA	1006.4	WNW	3	36.9	18	0	8	1008.7	0.0	NNW	2	28.8	37	-3	23	0	88	+6	0	8	—	0	0	dr	
145	TOR								1004.7	-1.3	NW	5	27.9	38	+4	26	+2	74	0	0	6	—	0	0	14	14
146	HURGHÂDA								1005.9	-0.5	NNW	3	31.0	35	0	26	+1	53	-1	0	6	—	0	0	dr	1
147	QUSEIR	1004.6	NNE	3	32.4	68	0	6	1004.6	-1.3	NNW	2	31.7	35	+1	27	0	54	+7	0	6	—	0	0	1	7
169	PORT SUDAN								1004.2	-0.9	SW	1	—	—	—	—	—	—	—	1	—	—	0	0	42	115
165	WADI HALFA								1007.9	+0.1	N	2	28.4	39	-2	25	+1	33	+8	3	8	Ci	1	—	—	
166	KAREIMA								1007.9	-0.2	W	1	33.2	42	0	28	+1	34	-2	6	6	Ci	0	0	1	10
167	'ATBARA								1006.7	-1.3	SW	2	33.4	41	+1	29	+3	19	-17	0	—	—	0	0	5	27
168	KHARTÛM								1007.9	-1.1	SSW	3	27.3	39	+1	26	+1	69	+7	4	3	Sc	8	dr	64	51
170	KASSALA								1008.3	-3.1	S	4	27.1	37	+3	23	0	63	-3	2	8	Ci	0	dr	107	127
171	WAD MEDANI								—	—	ESE	2	27.0	37	+1	24	+2	69	+1	3	—	—	1	0	275	149
173	DUEIM								1004.5	-1.2	SW	3	27.4	38	+2	24	+1	64	-2	3	—	—	1	0	90	116
	RENK																									
172	ROSEIRES								1009.3	-2.7	SW	2	27.2	35	+3	22	+1	70	+9	1	—	—	0	0	462	358
174	EL OBEID								1010.4	-1.6	NW	2	26.3	35	+1	24	+2	76	+3	3	8	As.	1	dr	191	130
175	EL FÂSHER								—	—	NW	1	27.0	36	+1	24	+3	66	0	0	—	—	0	0	95	110
176	MALAKÂL								1010.2	-2.6	WNW	1	26.5	33	+2	23	+2	69	-15	2	8	Ac.	1	0	363	491
177	WÂU								1010.7	-0.8	SW	1	24.5	32	0	22	+2	83	0	4	—	—	1	3	606	686
178	JÛBA								1012.3	-0.5	ESE	3	24.9	35	+4	21	+1	84	-2	4	8	Sc,Cs	2	0	706	650
179	Geneina								—	—	SE	+1	22.4	31	—	20	—	91	—	3	8	Sc,Ac	2	7	—	—
180	Gallabat																									

Upper Wind Observations on 23-7-37

ارصاد الرياح العليا يوم ٢٢-٧-٣٧

Height metres above M.S.L.	Dikheila 07h45m Dir. E. of N	Kms per hour	W.Halfa 06h00m Dir.	Kms per hour	Kareima 05h00m Dir.	Kms per hour	Khartoum 06h00m Dir.	Kms per hour	Kassala 07h00m Dir.	Kms per hour	El Obeid 06h00m Dir.	Kms per hour	Malakal 06h00m Dir.	Kms per hour	Juba 06h00m Dir.	Kms per hour	Almaza (22-7-37) 12h16m Dir.	Kms per hour
200	300	26	350	11	—	—	—	—	—	—	—	—	—	—	—	—	280	10
[redacted]00	300	22	350	19	200	5	240	27	—	—	—	—	240	18	290	5	30	3
[redacted]00	330	18	310	18	70	10	230	43	230	27	0	37	250	18	60	21	340	8
[redacted]00	330	26	290	32			210	37	260	39	220	23	190	10	100	14	310	10
[redacted]00			270	37			210	14	270	37	250	42	130	5	90	3	290	13
3000									320	14	220	8	110	6			280	10
4000													110	14				
5000																		
6000																		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة مرطبة

STATION	Mean of day Humidity % on 22nd	Diff. from Normal	Wet Bulb Temp. °C on 22nd	Diff. from Normal
Alexandria	77	+4	23.5	+1.1
Ezbekiya	60	0	23.2	+0.5
Giza	63	+2	23.2	+1.2
Helwân	56	+8	21.2	+1.4

Giza Grass minimum on 23rd 16.8 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
23.7	1742	2412
22.7	1737	2271

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	23.7	1380	+019	1392	+031
Nâsser	21.7	918	-008	928	-016
Malakâl	23.7	1140	-005	1138	-006
Roseires	23.7	1846	+148	1881	+199
Sennâr Res.	23.7	1647	—	1694	—
Khartûm	23.7	1412	+095	1386	+078
Kh. el Girba	23.7	1278	-044	1300	-013
'Atbara	23.7	1263	+094	1256	+036
Kajnarti	23.7	13547	-006	13536	+003
Wâdi Halfa	23.7	366	+012	355	+015
Aswân Res.	23.7	9709		9705	
,, D.S.	23.7	8697	-041	8696	-035
El Leisi	23.7	1800	+021	1797	+022
Rôda (Cairo)	23.7	1584	+008	1582	+008

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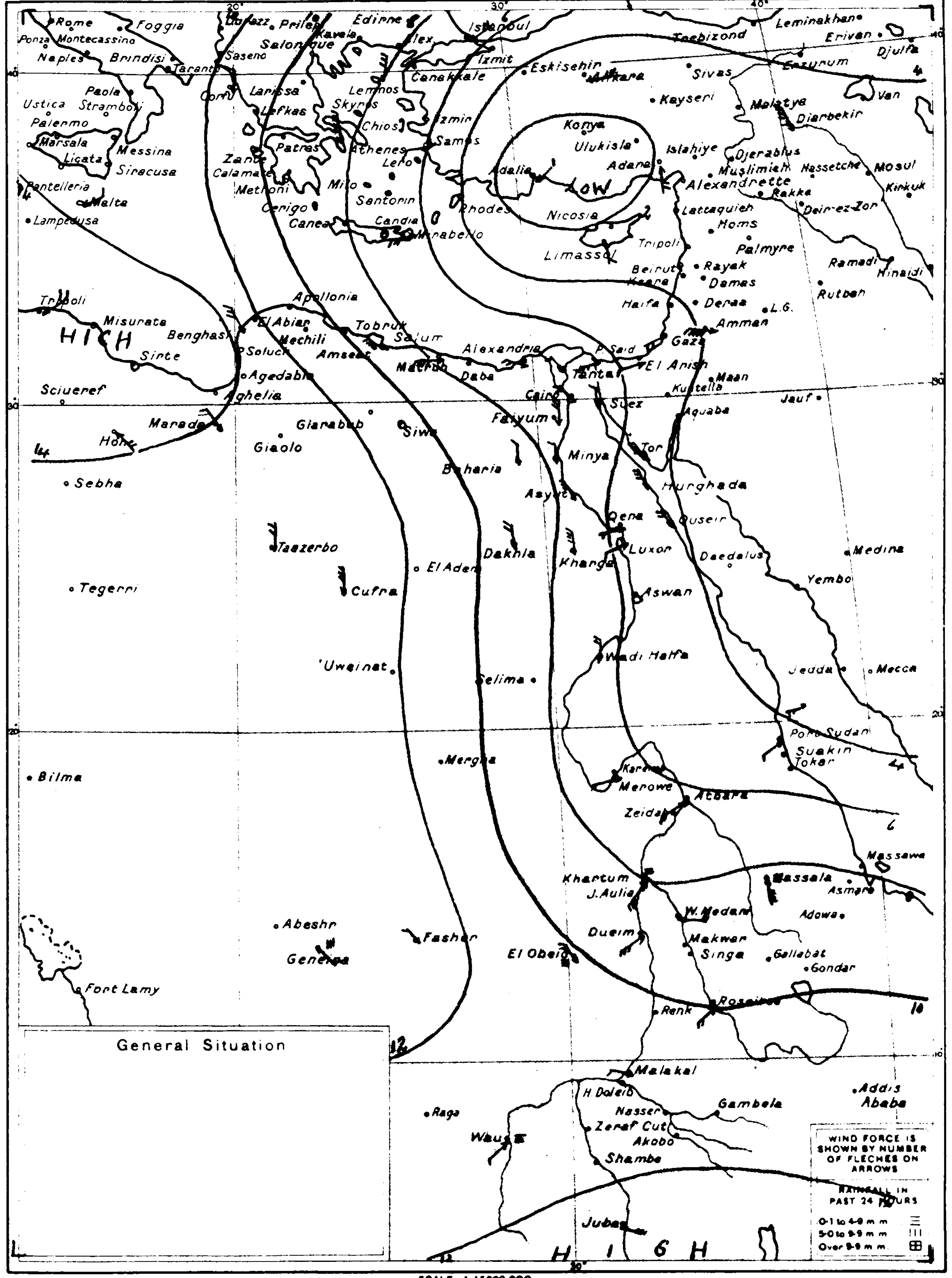
١٩٣٧-٧-٢٣ Pressure and Wind at 8h 23-7-1937



General Situation

At 8h on 22-7-1937 الساعة ٨ يوم ٢٢-٧-١٩٣٧ 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.	محطة
~~Limassol~~	1003	-4	S	1	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
~~Haifa~~	1005.0	-0.9	NNW	2	28.8	31	0	25	+3	92	+23	0	—	—	—	0	365	647	حيفا
~~Gaza~~	1005.6	-1.1	—	0	27.1	35	+5	21	+1	67	-5	1	8	—	1	0	395	376	غزة
Limassol	1004	-3	S	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1005.9	0.0	WSW	1	28.8	32	+1	25	+3	92	+23	0	—	—	—	0	365	647	حيفا
Gaza	1005.9	-0.8	—	0	26.1	34	+4	21	+1	72	0	2	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, 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 09 m

sunset 18 h 53 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month July 1937 ١٩٣٧ شهر يوليه

At 14h on 23rd — At 8h on Saturday 24th الساعة ٨ يوم السبت ٢٤

No.	Region	Station	14h Bar. Pressure reduced to M.S.L. mb	14h Wind Dir.	14h Wind Force	14h Temperature °C	14h Humidity %	[illegible]	[illegible]	8h 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	Rain past 24 hours mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
	Mediterranean	[S]ALÛM	1008.8	NNW	4	30.5	50	0	8	1007.5	-2.8	NNW	4	25.3	31	—	21	—	77	—	0	5	—	0	0	105	—
		MATRÛH	1007.6	NNW	4	26.6	78	0	6	1005.6	-4.0	W	4	25.6	27	-2	22	+1	82	+3	0	6	Sc	1	0	182	158
		DIKHEILA	1007.2	NNW	5	27.8	68	1	—	1005.6	—	W	3	26.7	28	—	23	—	72	—	2	7	Cu	0	0	145	—
132		ALEXANDRIA	1006.7	NNW	4	29.2	62	1	9	1005.5	-4.0	NW	2	25.9	30	-1	24	+1	76	0	3	8	Cu	2	0	167	190
159		DAMIETTA								1005.3	—	NNW	1	28.0	32	—	20	—	70	—	2	8	Cu	1	0	75	116
134		PORT SAÏD	1005.5	NW	4	31.1	53	0	7	1005.4	-2.5	WSW	3	26.8	32	+1	24	+1	75	+3	3	7	Cu	1	0	38	82
135		EL 'ARÎSH	1004.8	NNW	4	27.2	78	0	7	1004.6	—	WSW	2	28.7	30	—	24	—	72	—	1	7	Cu	0	0	85	91
136	Lower Egypt	DAMANHÛR								1006.0	-2.2	NNW	1	27.9	32	-1	21	+2	68	-2	3	7	Cu	1	0	78	110
137		MANSÛRA								1006.2	—	SW	1	26.2	33	-2	20	0	79	+4	0	7	Ci	1	0	45	57
138		TANTA	1005.4	NW	3	32.0	54	0	7	1007.2	-2.1	WSW	2	26.5	33	-3	19	-1	76	+3	3	6	Cu	2	0	54	48
		ZAGÂZIG	1005.9	NNW	1	32.9	46	0	8	1006.3	—	NNW	1	27.3	33	-2	19	0	73	-3	1	8	Cs	1	0	20	28
	Cairo	ALMÂZA	1006.3	NW	3	32.8	42	0	8	1006.6	—	NNW	2	25.4	34	—	19	—	75	—	2	8	Sc	2	0	23	—
		EZBEKÎYA	1005.3	NW	2	33.6	40	0	8	1006.0	-3.0	—	0	26.5	35	0	22	+1	70	-4	1	5	Cu	1	0	18	34
		GÎZA	1005.1	NNW	2	34.2	36	0	8	1006.0	-3.6	N	1	25.6	35	0	18	-2	75	+1	2	6	Cu	1	0	16	31
143	Middle Egypt	HELWÂN	1004.8	NNW	5	32.4	31	0	7	1006.0	-3.0	WNW	1	24.0	33	-2	20	-1	76	+9	0	5	Cu	0	0	17	35
144		SUEZ								1005.8	-2.6	N	1	26.6	35	-1	22	-1	85	+11	0	6	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1005.9	NNW	4	33.7	30	0	8	1006.4	-2.8	NNE	2	26.0	36	-1	20	-1	68	+2	0	6	—	0	0	6	11
154		MINYA	1006.0	NNW	3	35.1	31	0	8	1006.0	-2.3	NNE	2	27.0	36	-1	21	0	54	-11	0	8	—	0	0	16	—
155		ASYÛT	1005.5	W	3	35.0	29	0	8	1005.8	-2.3	NW	3	28.5	36	-1	22	-1	49	0	0	7	—	0	0	tr	5
156		QENA	1004.2	WSW	4	37.7	20	0	8	1005.4	-0.9	W	1	31.3	38	-3	24	0	37	-3	0	8	—	0	0	tr	—
157		LUXOR	1004.4	NNW	3	37.2	39	0	8	1004.8	—	—	0	34.3	39	—	25	—	44	—	0	8	—	0	0	tr	—
158		ASWÂN	1004.3	W	2	38.4	40	0	8	1005.1	-2.1	—	0	30.8	39	-3	26	0	44	+12	0	8	—	0	0	1	
148	Western Desert	SÎWA	1008.7	—	0	34.4	45	0	6	1007.9	-2.9	—	0	25.9	36	-2	21	0	79	+17	0	6	—	0	0	29	7
149		BAHARÎYA	1006.6	NW	2	34.4	39	0	9	1007.4		NNW	1	27.0	35	—	21	—	63	—	0	9	—	0	0	26	—
151		KHÂRGA	1003.7	N	3	37.4	36	0	9	1006.4	-1.4	NE	1	30.0	38	-2	24	+2	58	+16	0	9	—	0	0	0	tr
152		DÂKHLA	1006.6	NNW	1	35.3	23	0	8	1007.8	-0.9	WNW	1	29.9	37	-3	24	+1	31	-2	0	8	—	0	0	tr	—
145	Red Sea	TÔR								1004.2	-1.8	NW	5	28.0	37?	+3	26	+2	66	-8	0	6	—	0	0	14	14
146		HURGHÂDA								1004.6	-1.8	NNW	3	30.7	34	-1	26	+1	49	-5	0	7	—	0	0	tr	1
147		QUSEIR	1004.2	N	3	32.8	64	0	6	1004.0	-1.9	N	2	31.3	34	0	26	-1	57	+10	0	6	—	0	0	1	7
169		PORT SUDAN								1003.9	-1.2	SE	1	—	—	—	—	—	—	—	0	—	—	0	0	42	116
165	North Sudan	WÂDI HALFA								1007.1	-0.7	NNE	1	29.0	39	-2	25	+1	29	+4	2	7	Ci	1	—	—	—
166		KAREIMA								1006.4	-1.7	—	0	34.0	43	+1	26	-1	31	-5	0	8	AsCi	0	0	1	11
167		'ATBARA								1006.3	-1.8	S	2	34.0	42	+2	29	+3	20	-17	0	—	—	0	0	5	28
168		KHARTÛM								1008.7	-0.3	S	4	28.1	39	+1	25	0	63	0	3	8	St	8	tr	64	52
170		KASSALA								1007.5	-3.9	S	3	27.2	35	+1	24	+1	77	+10	0	8	Ci	0	0	107	130
171	Central Sudan	WAD MEDANI								1007.0	-1.6	WSW	1	27.0	36	0	24	+2	68	0	2	—	—	8	tr	275	153
173		DUEIM								1008.7	-2.0	SW	3	27.2	37	+1	25	+2	71	+5	1	—	—	0	0	90	119
182		RENK								/																	
172		ROSEIRES								1008.3	-3.7	S	2	25.7	35	+3	22	+1	77	-2	2	—	—	1	1	463	364
174		EL OBEID								1009.5	-2.5	S	3	26.0	33	-1	24	+2	76	+2	4	8	Ac	1	tr	191	133
175		EL FÂSHER								—	—	NW	1	26.5	38	+4	24	+3	73	+7	1	—	—	0	0	95	113
176	S. Sudan	MALAKÂL								1011.4	-1.4	SW	3	23.1	34	+3	22	+1	91	+7	4	8	FrNs	2	7	370	497
177		WÂU								1011.9	+0.4	SW	1	23.8	31	-1	22	+2	89	+6	3	—	—	1	tr	606	693
178		JÛBA								1013.1	+0.3	SW	3	23.0	35	+4	21	+1	91	+5	4	7	ScCi	5	tr	706	654
179		Geneina								—	—	SW	3	23.7	32	—	23	—	83	—	3	8	AsCi	1	0	—	—
180		Gallabat																									

Upper Wind Observations on 24th ارصاد الرياح العليا يوم ٢٤

Height metres above M.S.L.	Salum 07h00m Dir. E of N	Salum Kms per hour	Matruh 07h00m Dir.	Matruh Kms	Cairo 07h00m Dir.	Cairo Kms	Helwan 07h00m Dir.	Helwan Kms	Ziyat 07h00m Dir.	Ziyat Kms	Aswan 07h00m Dir.	Aswan Kms	W. Halfa 06h00m Dir.	W. Halfa Kms	Kareima 05h00m Dir.	Kareima Kms	Khartum 05h00m Dir.	Khartum 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	Almaza 23rd 12h30m Dir.	Almaza Kms
…00	320	29	290	30	280	4	310	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	280	10
…00	—	—	320	26	290	5	310	12	310	12	310	22	10	32	70	21	210	27	—	—	—	—	220	18	320	18	—	—	290	12
…00	350	26	350	26	350	14	340	13	320	12	320	26	350	26	40	34	220	43	220	37	220	21	230	18	0	31	240	21	310	16
1500					10	22	10	17	310	28	310	17	330	23	60	27	220	27	310	—	210	18	240	16	30	79	270	48	340	16
2000					60	8	20	10	320	36	330	26	330	18	70	6			320	14	210	6	250	14			310	29	300	20
3000					40	5	0	5							220	32					90	11	180	3			0	32	330	18
4000					340	16	330	10							220	24					30	18	250	6			0	72		
5000					290	10	290	16															80	6						
6000					240	7	290	12																						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 23rd	Diff. from normal	Wet bulb temp. °C on 23rd	Diff. from normal
Alexandria	78	+5	23.1	+0.7
Ezbekiya	57	-1	22.6	+0.1
Giza	63	+1	22.2	+0.2
Helwân	55	+7	20.7	+0.9

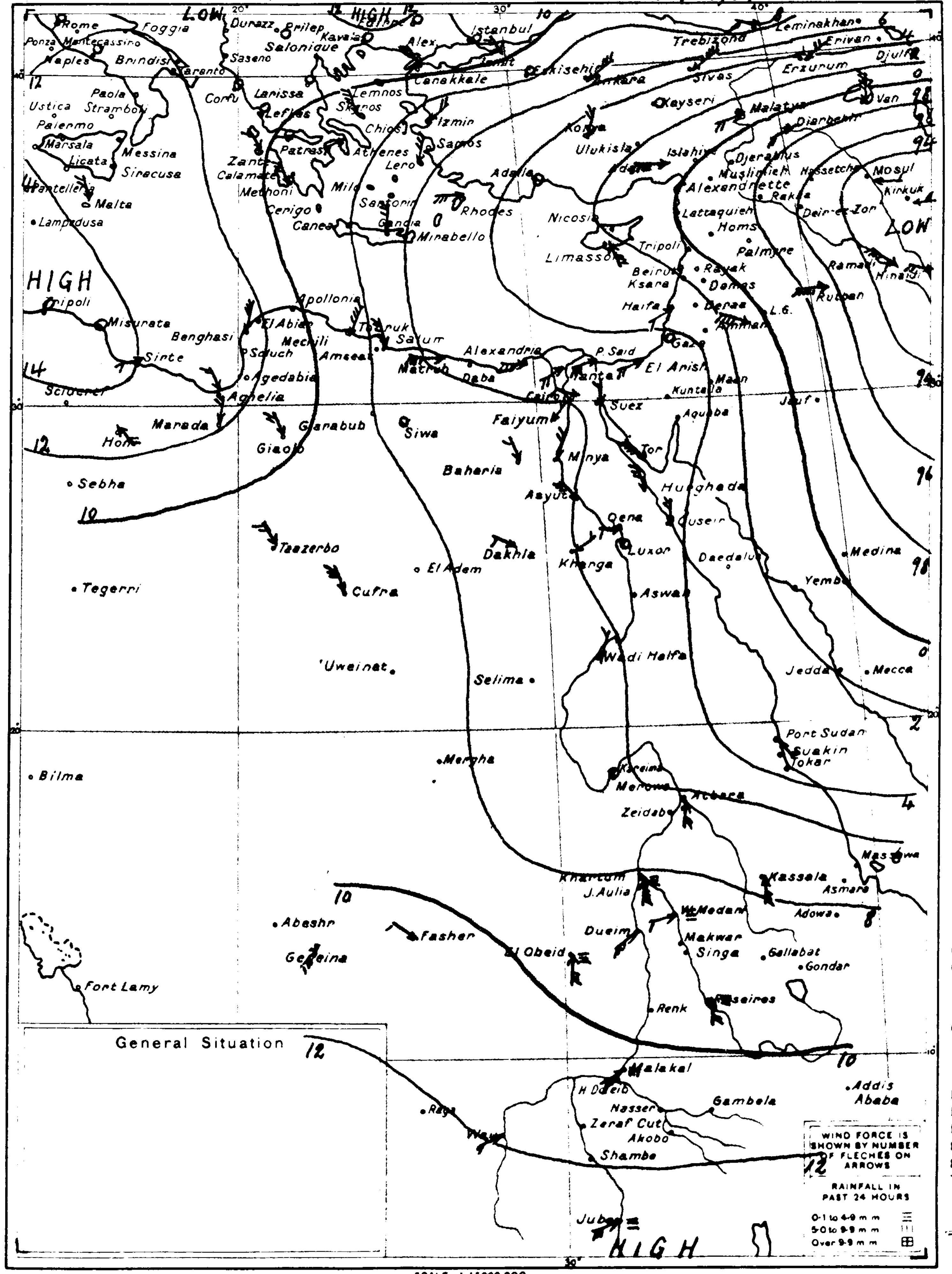
Giza Grass minimum on 24th 14.2 °C

Discharges at Aswân measured by sluices m^3 per sec

Date	1937	1936
24.7	1768	2695
23.7	1742	2412

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	23.7	13.60	+0.19	13.72	+0.31
Nâsser	21.7	9.18	-0.08	9.08	-0.15
Malakâl	24.7	11.41	-0.05	11.40	-0.05
Roseires	24.7	18.20	+1.09	18.46	+1.49
Sennâr Res.	23.7	16.47	—	15.94	—
Khartûm	24.7	14.28	+1.04	14.12	+0.95
Kh. el Girba	23.7	12.78	-0.44	13.00	-0.13
Atbara	24.7	12.57	+0.46	12.63	+0.34
Kajnarti	24.7	135.46	-0.16	135.47	-0.26
Wâdi Halfa	24.7	3.67	+0.04	3.66	+0.12
Aswân Res.	24.7	97.50	—	97.09	—
Aswân Res. D.S.	24.7	87.02	-0.40	86.97	-0.41
El Leisi	24.7	12.03	+0.17	12.00	+0.21
Rôda (Cairo)	24.7	15.86	+0.08	15.84	+0.08

Pressure and Wind at 8h. 24-7-1937 ١٩٣٧ - ٧ - ٢٤



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 23-7-1937 الساعة ٨ يوم ٢٣ - ٧ - ١٩٣٧

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	Rain past 24 hours mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm	مرصد
Limassol	1003	-4	S	1	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1005.0	-0.9	WNW	2	28.8	31	0	25	+3	92	+23	0	—	—	—	0	365	647	حيفا
Gaza	1005.6	-1.1	—	0	27.1	35	+5	21	+1	67	-5	1	8	—	1	0	395	376	غزه

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. 10

sunset h. 18 m. 53

Month *July* 1937 ١٩٣٧ شهر يوليه

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

DAILY WEATHER REPORT

٢٧-٧-٢٥ Pressure and Wind at 8 h *25-7-37*

At 14 h. on *24th* ساعة ١٤ يوم ٢٤ — At 8 h. on *Sunday 25th* الساعة ٨ يوم الأحد ٢٥

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	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	SALÛM	1006.6	N	5	31.6	51	0	5	1007.2	-3.1	NW	3	26.0	32	—	21	—	72	—	0	6	—	4	0	105	—
	Mediterranean	MATRÛH	1005.4	WNW	4	27.1	80	0	6	1005.5	-4.1	WNW	3	25.6	27	-1	22	+1	88	+9	0	6	—	0	0	182	156
	Mediterranean	DIKHEILA								1005.3	—	W	2	26.6	29	—	21	—	78	—	2	7	Sc	2	0	145	—
	Mediterranean	ALEXANDRIA	1004.6	WNW	2	30.5	58	0	7	1005.1	-4.4	W	1	25.3	31	0	24	+1	84	+8	3	8	Cu	2	0	167	190
159	Mediterranean	DAMIETTA								1004.3	—	WNW	1	28.2	34	—	22	—	67	—	0	8	—	0	0	75	116
134	Mediterranean	PORT SAÏD	1004.2	NW	3	30.3	63	0	7	1004.8	-3.1	WSW	2	27.1	31	0	24	+1	78	+6	1	7	Sc	1	0	38	82
135	Mediterranean	EL 'ARÎSH	1003.8	NNW	3	29.0	82	0	7	1004.3	—	WSW	1	30.0	30	—	22	—	65	—	0	7	—	0	0	85	91
136	Lower Egypt	DAMANHÛR								1005.3	-3.5	SW	2	27.0	34	+1	20	+1	77	+7	1	6	Cu	4	0	78	110
137	Lower Egypt	MANSÛRA								1004.6	—	SW	1	26.8	35	0	23	+3	75	-1	0	8	—	0	0	45	57
138	Lower Egypt	TANTA	1003.8	SW	3	34.8	42	0	7	1005.0	-4.3	—	0	27.0	37	+1	20	0	77	+4	0	7	—	0	0	54	48
	Lower Egypt	ZAGÂZIG	1004.6	NNW	1	33.3	45	0	8	1005.3	—	NW	1	25.9	33	-2	21	+2	83	+7	0	8	—	0	0	20	28
	Middle Egypt (Cairo)	ALMÂZA	1004.4	NW	3	35.1	41	0	8	1004.7	—	NNE	1	27.8	36	—	21	—	67	—	0	7	—	0	0	23	—
	Middle Egypt (Cairo)	EZBEKÎYA	1003.6	N	1	34.0	36	0	8	1004.7	-4.3	NW	1	28.5	36	+1	23	+2	70	-4	0	5	—	0	c	18	34
	Middle Egypt (Cairo)	GÎZA	1003.6	N	1	34.7	34	0	8	1005.1	-4.5	NNW	1	26.6	36	+1	21	+1	77	+3	0	5	—	0	0	16	31
	Middle Egypt	HELWÂN	1003.2	NW	3	32.9	25	0	7	1005.1	-3.9	—	0	26.6	34	-1	23	+2	62	-5	0	5	—	0	0	17	35
144	Middle Egypt	SUEZ								1004.8	-3.6	N	1	30.0	35	-1	23	0	73	-1	0	6	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1004.4	NE	3	33.4	33	0	7	1005.0	-4.2	—	0	31.0	37	0	22	+1	53	-13	0	6	—	0	0	6	11
154	Upper Egypt	MINYA	1004.6	N	3	35.0	29	0	7	1005.1	-3.2	NNW	1	29.0	36	-1	22	+1	54	-11	0	8	—	0	0	16	—
155	Upper Egypt	ASYÛT	1002.9	NW	3	34.8	24	0	7	1005.4	-2.7	N	1	30.3	37	0	22	-1	32	-17	0	7	—	0	0	dr	5
156	Upper Egypt	QENA	1002.6	WSW	3	37.7	20	0	8	1004.8	-1.5	NNW	1	31.1	39	-2	23	-1	35	-5	0	8	—	0	0	dr	—
157	Upper Egypt	LUXOR	1003.0	NNW	3	37.0	38	0	8	1004.0	—	—	0	33.6	38	—	21	—	43	—	0	8	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1003.1	NW	3	38.0	19	0	8	1004.6	-2.6	—	0	31.0	40	-2	25	-1	39	+7	1	8	Ci	1	0	1	—
148	Western Desert	SÎWA	1005.8	W	2	36.7	38	0	6	1006.2	-4.5	—	0	24.7	39	+1	21	0	74	+12	0	5	Ci	1	0	29	7
149	Western Desert	BAHARÎYA	1005.1	N	1	34.0	37	0	9	1005.5		NNW	1	29.3	36		21		50		0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1003.8	N	3	38.7	32	4	9	1005.5	-2.3	—	0	29.2	39	-1	21	-1	54	+12	0	8	—	0	0	0	dr
152	Western Desert	DÂKHLA	1004.4	WNW	4	37.1	19	0	7	1006.6	-2.2	—	0	29.5	38	-2	22	-1	33	0	0	9	—	0	0	dr	—
145	Red Sea	TÔR								1004.6	-1.4	—	0	28.8	36?	+2	22	-2	72	-2	0	6	—	0	0	14	14
146	Red Sea	HURGHADA								1004.6	-1.8	NW	2	31.8	34	-1	23	-2	50	-4	0	7	—	0	0	dr	1
147	Red Sea	QUSEIR	1003.6	NNE	3	32.2	64	0	6	1004.0	-1.7	N	1	33.6	34	0	27	0	38	-9	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN								1004.7	-0.4	SW	1	—	—	—	—	—	—	—	0	—	—	0	0	42	116
165	North Sudan	WADI HALFA								1006.7	-1.1	—	0	29.4	39	-2	24	0	32	+6	2	8	Ci	1	—	—	—
166	North Sudan	KAREIMA								1006.5	-1.6	ENE	2	33.0	42	0	28	+1	34	-3	1	8	Ac	0	0	1	11
167	North Sudan	'ATBARA								1008.4	+0.3	SSW	4	30.0	41	+1	26	0	29	-8	0	—	—	0	0	5	29
168	North Sudan	KHARTÛM								1009.7	+0.7	SSE	4	25.1	37	-1	24	-1	84	+21	4	8	Sc,Ac	8	4	68	54
170	North Sudan	KASSALA								1011.0	-0.5	S	2	24.5	37	+3	22	-1	76	+9	4	8	Sc	1	dr	107	133
171	Central Sudan	WAD MEDANI								1010.2	-0.4	ESE	1	23.4	36	0	22	0	90	+22	3	—	—	1	60	335	157
173	Central Sudan	DUEIM								1010.0	-0.8	SE	3	24.8	37	+2	24	+1	87	+20	4	—	—	8	9	99	122
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1010.2	-1.8	WSW	2	25.7	34	+2	23	+2	79	0	1	—	—	0	dr	463	370
174	Central Sudan	EL OBEID								1009.5	-2.5	S	2	24.5	34	0	22	0	87	+13	4	8	Ac	6	51	242	136
175	Central Sudan	EL FÂSHER								—	—	SW	1	26.0	38	+4	24	+3	69	+3	0	—	—	0	0	95	117
176	S. Sudan	MALAKAL								1010.4	-2.4	S	3	25.5	32	+1	22	+1	—	—	1	8	Cb,Ac	1	24	394	504
177	S. Sudan	WÂU								1010.3	-1.2	W	2	25.0	36	+4	22	+2	80	-3	2	—	—	1	3	609	699
178	S. Sudan	JÛBA								1013.9	+1.1	S	4	22.3	32	+1	20	0	91	+5	8	8	Sc,Ac	5	13	719	657
179		Geneina								—	—	W	3	22.3	31	—	20	—	91	—	2	8	Ac,Ci	0	0	—	—
180		Gallabat																									

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

Height metres above M.S.L.	Salûm 07h00m Dir E of N	Kms per hour	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 06h00m Dir	Kms	Kareima 05h00m Dir	Kms	Khartum 05h00m Dir	Kms	Kassala 06h00m Dir	Kms	Malakal 05h00m Dir	Kms	Juba 06h00m Dir	Kms	Geneina 06h00m Dir	Kms	Salum 24th 13h00m Dir	Kms
200	310	17	320	14	270	15	40	5	290	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	330	32
500	30	22	10	23	310	10	100	5	80	5	0	12	310	6	340	16	30	31	200	23	—	—	160	27	290	27	—	—	—	—
1000	70	10			10	11	320	20	320	17	0	10	320	8	340	18	10	43	210	18	230	37	210	21	310	19	260	18	330	22
1500	60	8			40	17	70	8	30	12	350	11	300	17	330	13	40	31	220	24			250	18	350	8	270	31		
2000					50	28	50	17	40	13	340	12	300	15	320	16	40	5	230	27			270	26			0	44		
3000					40	26	80	18	60	24					280	5	240	14					260	14						
4000							50	20	50	26													40	8						
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

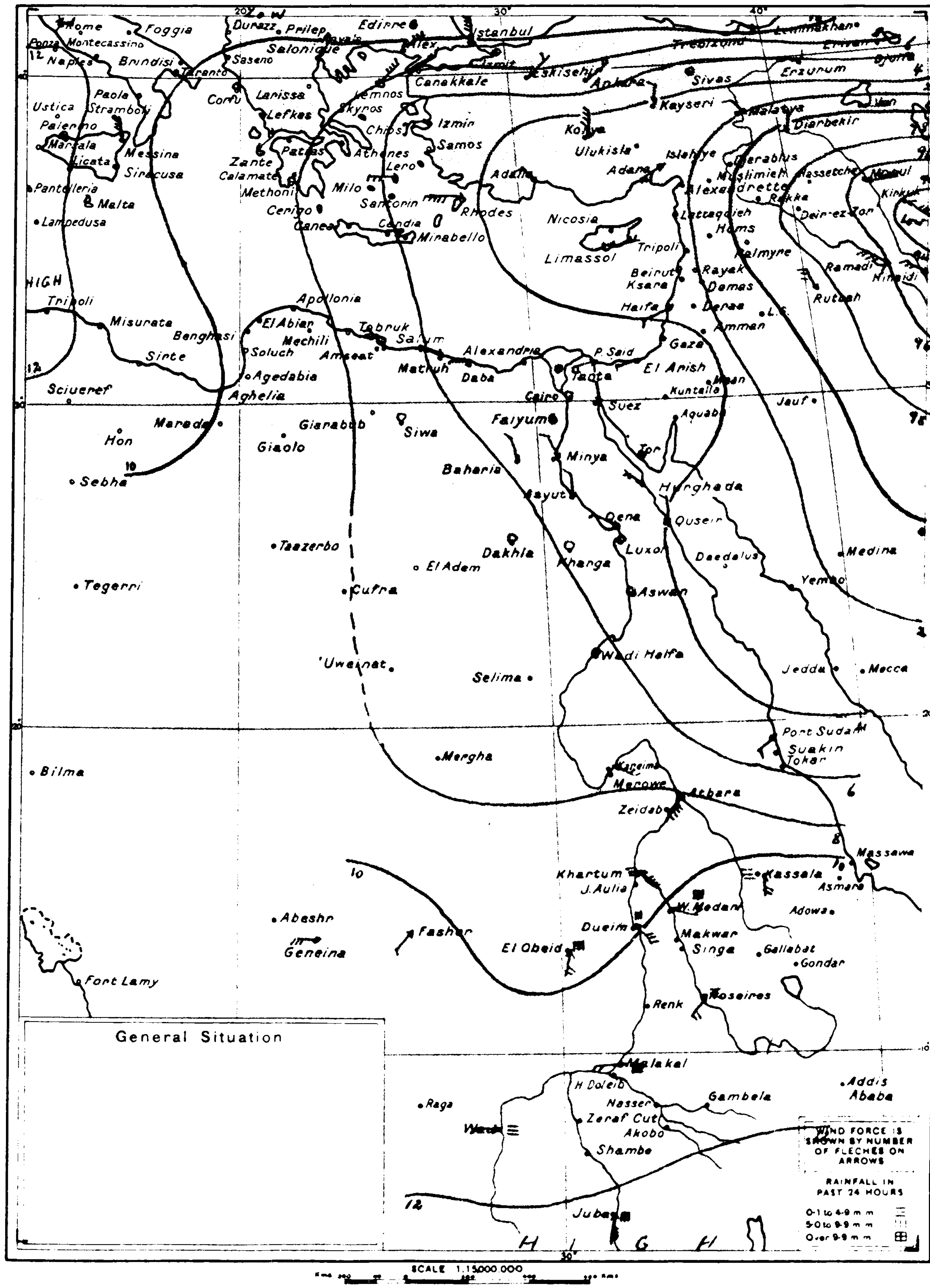
Station	Mean of day: Humidity on 24th	Diff. from normal	Wet bulb temp. on 24th	Diff. from normal
Alexandria	75	+2	22.4	+1.0
Ezbekiya	56	-4	22.6	-0.1
Giza	58	-4	22.6	+0.6
Helwan	48	0	20.0	+0.1

Giza Grass minimum on 25th 16.5°C

Discharges at Aswân measured by sluices m^3 per sec

Date	1937	1936
25.7	1851	3172
24.7	1768	2695

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	25.7	13.78	+0.16	13.73	+0.11
Nâsser	25.7	9.24	-0.06	9.22	-0.06
Malakâl	25.7	11.42	-0.05	11.41	-0.05
Roseires	25.7	17.77	+0.54	18.20	+1.09
Sennâr Res.	24.7	[illegible]	—	16.47	—
Khartûm	24.7	14.28	+1.04	14.12	+0.95
Kh. el Girba	24.7	12.80	-0.49	12.78	-0.44
'Atbara	25.7	13.08	-0.55	12.87	-0.46
Kajnarti	24.7	125.46	-0.16	125.47	-0.06
Wâdi Halfa	25.7	3.68	-0.03	3.67	+0.04
Aswân Res.	25.7	98.17	—	97.50	—
D.S.	25.7	87.09	-0.41	87.02	-0.40
El Leisi	25.7	18.03	[illegible]	18.03	+0.17
Rôda (Cairo)	25.7	15.86	+0.05	15.86	+0.08



General Situation

At 8 h on *24-7-37* ساعة ٨ يوم ٢٤-٧-٣٧

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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	مرصد
Limassol	1003	-4	SE	1	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1004.3	-1.6	WSW	1	28.9	31	0	25	+3	90	+21	0	—	—	—	0	365	647	حيفا
Gaza	1004.6	-2.1	—	0	27.0	35	+5	21	+1	71	-1	2	5	—	1	0	395	356	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 10
sunset h. m. 18 52

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

DAILY WEATHER REPORT

Month *July* 1937 ١٩٣٧ شهر يوليه

	STATION	At 14h. on 25th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Monday 26th — 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
	Mediterranean																									
	BALÛM	1007.1	NNE	4	29.6	52	0	7	1009.1	-1.2	NW	3	27.0	31	—	23	—	66	—	0	6	—	0	0	105	—
	MATRÛH	1006.0	NW	2	28.1	69	0	6	1007.6	-2.0	W	3	25.4	29	+1	22	+1	88	+8	3	6	Sc	2	0	187	158
	DIKHEILA	1005.6	WNW	4	27.9	78	0	—	1007.2	—	WNW	3	27.0	29	—	25	—	80	—	0	—	—	0	0	145	—
	ALEXANDRIA	1005.6	N	5	29.8	68	0	9	1007.1	-2.4	NW	1	26.2	30	-1	23	0	81	+5	0	9	—	0	0	167	190
159	DAMIETTA								1006.6	—	WSW	2	28.2	35	—	22	—	77	—	0	6	—	1	0	75	116
134	PORT SAÏD	1004.4	NNW	3	32.0	54	0	7	1006.2	-1.7	SW	3	28.0	34	+3	24	+1	81	+9	1	7	Cu	0	0	38	82
135	EL 'ARÎSH	1004.0	NNW	3	30.2	79	0	7	1006.0	—	WNW	1	30.2	31	—	22	—	59	—	0	7	—	0	0	85	91
	Lower Egypt																									
136	DAMANHÛR								1007.0	-1.8	W	1	29.0	35	+2	22	+3	76	+6	0	7	Cc	1	0	78	110
137	MANSÛRA								1006.6	—	NW	1	26.5	37	+2	23	+3	79	+3	0	8	Ci	1	0	45	57
[illegible]	TANTA	1004.2	W	2	35.5	40	0	7	1006.7	-2.6	—	0	27.3	37	+1	21	+1	75	+2	0	7	—	0	0	54	48
[illegible]	ZAGÂZIG	1004.4	NNW	1	36.1	37	0	8	1007.5	—	WNW	1	25.0	36	+1	21	+2	93	+17	1	8	Ci	1	0	20	28
	Middle Egypt																									
[illegible]	[illegible]MÂZA	1004.6	WNW	3	36.2	35	0	8	1008.2	—	NW	2	23.6	37	—	20	—	94	—	8	4	Sc	4	0	23	—
[illegible]	[illegible]BEKIYA	1004.0	NW	1	36.5	31	0	8	1006.8	-2.2	WNW	1	25.5	38	+3	23	+2	90	+16	4	4	Sc	4	0	18	34
[illegible]	[illegible]ZA	1003.9	WNW	1	38.2	31	0	8	1006.8	-2.8	NNE	1	25.1	38	+3	22	+2	89	+14	4	5	Sc	4	0	16	31
[illegible]	HELWÂN	1003.8	NW	3	35.6	23	0	8	1006.7	-2.3	NW	3	26.3	37	+2	22	+1	69	+2	0	5	—	0	0	17	35
144	SUEZ								1006.4	-2.1	N	1	30.0	38	+2	25	+2	76	+2	0	6	—	0	0	13	26
	Upper Egypt																									
153	FAIYUM	1003.1	NNW	2	36.1	30	0	8	1006.8	-2.4	N	3	28.1	39	+3	24	+3	70	+4	0	5	—	0	0	6	11
154	MINYA	1004.7	E	2	36.0	29	0	7	1006.2	-2.1	N	2	29.5	37	0	24	+3	52	-13	0	8	—	0	0	16	—
155	ASYUT	1004.3	WSW	2	36.8	17	0	8	1006.6	-1.5	NE	1	31.7	38	+1	22	-1	35	-14	0	7	—	0	0	tr	5
156	QENA	1003.6	WNW	2	38.6	15	0	9	1006.2	-0.1	N	1	31.6	39	-2	22	-2	36	-5	0	7	—	0	0	tr	—
157	LUXOR	1003.2	SSW	4	39.2	35	0	8	1005.4	—	—	0	33.4	41	—	21	—	45	—	0	8	—	0	0	tr	
158	ASWÂN	1002.4	W	1	39.5	21	0	8	1005.5	-1.7	—	0	32.0	42	0	25	-1	38	+6	0	8	—	0	0	1	—
	Western Desert																									
148	SÎWA	1005.0	W	1	35.0	48	0	6	1007.4	-3.3	—	0	30.9	38	0	23	+2	48	-14	0	6	—	0	0	29	7
149	BAHARÎYA	1004.4	NNW	1	37.4	18	0	9	1007.4		NNE	1	29.7	39	—	24	—	52	—	0	9	—	0	0	26	
151	KHARGA	1004.0	SE	1	38.6	36	0	9	1006.0	-1.8	—	0	30.3	39	-1	24	+2	48	+6	0	9	—	0	0	0	tr
152	DÂKHLA	1004.6	—	0	37.2	21	0	9	1007.0	-1.8	WNW	1	31.7	40	0	28	+5	27	-6	4	8	Sc	2	0	tr	
	Red Sea																									
145	TOR								1005.9	-0.1	—	0	23.5	35	+1	23	-1	75	+1	0	6	—	0	0	14	14
146	HURGHÂDA								1006.7	+0.3	N	2	31.5	34	-1	23	-2	55	+1	0	7	—	0	0	tr	1
147	QUSEIR	1004.4	NE	2	32.2	67	0	6	1005.3	-0.6	NNW	1	33.8	35	+1	26	-1	42	-5	0	6	—	0	0	1	7
169	PORT SUDAN								1005.1	0.0	NE	1	—	—	—	—	—	—	—	1	—	—	0	tr	42	116
	North Sudan																									
165	WADI HALFA								1007.6	-0.3	SSW	1	27.9	40	-1	24	0	38	+12	0	8	Ci	0	—	—	
166	KAREIMA								1007.2	-0.9	SW	4	31.5	42	0	27	0	35	-2	1	7	Ci	0	0	1	11
167	ATBARA								1007.5	-0.6	SSW	2	33.0	41	+1	28	+2	26	-12	0	—	—	0	0	5	30
168	KHARTÛM								1008.2	-0.9	S	3	28.6	35	-3	25	0	58	-8	3	8	Ac	1	0	68	56
170	KASSALA								1008.8	-2.7	S	4	27.7	34	0	25	+2	70	+3	3	8	Cu,Ac	1	0	107	137
	Central Sudan																									
171	WAD MEDANI								1009.4	-1.2	SSE	2	27.0	32	-3	23	+1	80	+11	2	—	—	0	0	335	160
173	DUEIM								1009.5	-1.3	SE	3	27.6	34	-1	24	+1	74	+7	1	—	—	0	0	99	126
182	RENK																									
172	ROSEIRES								1010.8	-1.2	SW	2	25.1	34	+2	22	+1	74	-5	0	—	—	1	0	463	376
174	EL OBEID								1010.9	-1.1	SW	3	24.9	30	-4	24	+2	76	+2	4	8	Ac	1	tr	242	139
175	EL FÂSHER								—	—	SW	1	27.5	39	+5	24	+3	60	-7	0	—	—	0	0	95	120
	S. Sudan																									
176	MALAKÂL								1012.4	-0.4	WSW	2	24.2	27	-2	22	+1	91	+7	4	8	Sc	1	4	398	510
177	WÂU								1013.3	+1.8	NW	1	23.5	35	+3	22	+2	79	-4	3	—	—	0	0	609	705
178	JÛBA								1014.9	+2.1	SSE	3	32.8	33	+2	20	0	91	+5	8	6	Cb	5	tr	719	663
179	Geneina																									
180	Gallabat								—	—	SW	3	23.3	32	—	22	—	91	—	4	8	Sc,Ac	2	0	—	—

الساعة ١٤ يوم ٢٥ — الساعة ٨ يوم الاثنين ٢٦

Upper Wind Observations on 26th
ارصاد الرياح العليا يوم ٢٦

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

Height metres above M.S.L.	Salum 07h00 Dir	Kms	Matruh 07h00 Dir	Kms	Cairo 08h15m Dir	Kms	Helwan 08h15m Dir	Kms	Asyut 07h00m Dir	Kms	Aswan 07h00m Dir	Kms	W. Halfa 06h00m Dir	Kms	Kareima 06h00 Dir	Kms	Khartum 06h00m Dir	Kms	Kassala 07h00m Dir	Kms	Malakal 06h00m Dir	Kms	Juba 06h00m Dir	Kms	Geneina 06h00m Dir	Kms	Salam 25th 13h00m Dir	Kms	[illegible] 25th 09h00m Dir	Kms
200	340	17	310	18	330	4	310	16	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	20	22	300	22
500	—	—	Cal[illegible]		0	3	100	6	10	8	0	17	340	21	190	42	190	31	—	—	190	17	290	16	—	—	—	—	310	20
1000	310	32			70	7	50	7	330	7	0	14	320	27	210	53	200	43	210	40	230	27	340	11	240	27	350	5	300	15
1500	270	31			50	11	50	6	350	6	290	19	290	21	230	16	240	27	210	32	250	31	350	31	280	40	20	16	280	10
2000					20	20	30	23	10	4	270	17	260	21	70	6	200	37	230	21	250	40	350	8	300	39			120	8
3000					50	11	30	14							270	14					220	24	350	27	60	24			160	4
4000					140	13	90	15																						
5000							120	24																						
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day — Humidity % on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	82	+9	24.2	+1.6
Ezbekiya	55	-5	23.8	+1.1
Giza	61	-1	24.2	+2.2
Helwan	41	-7	24.1	+1.2

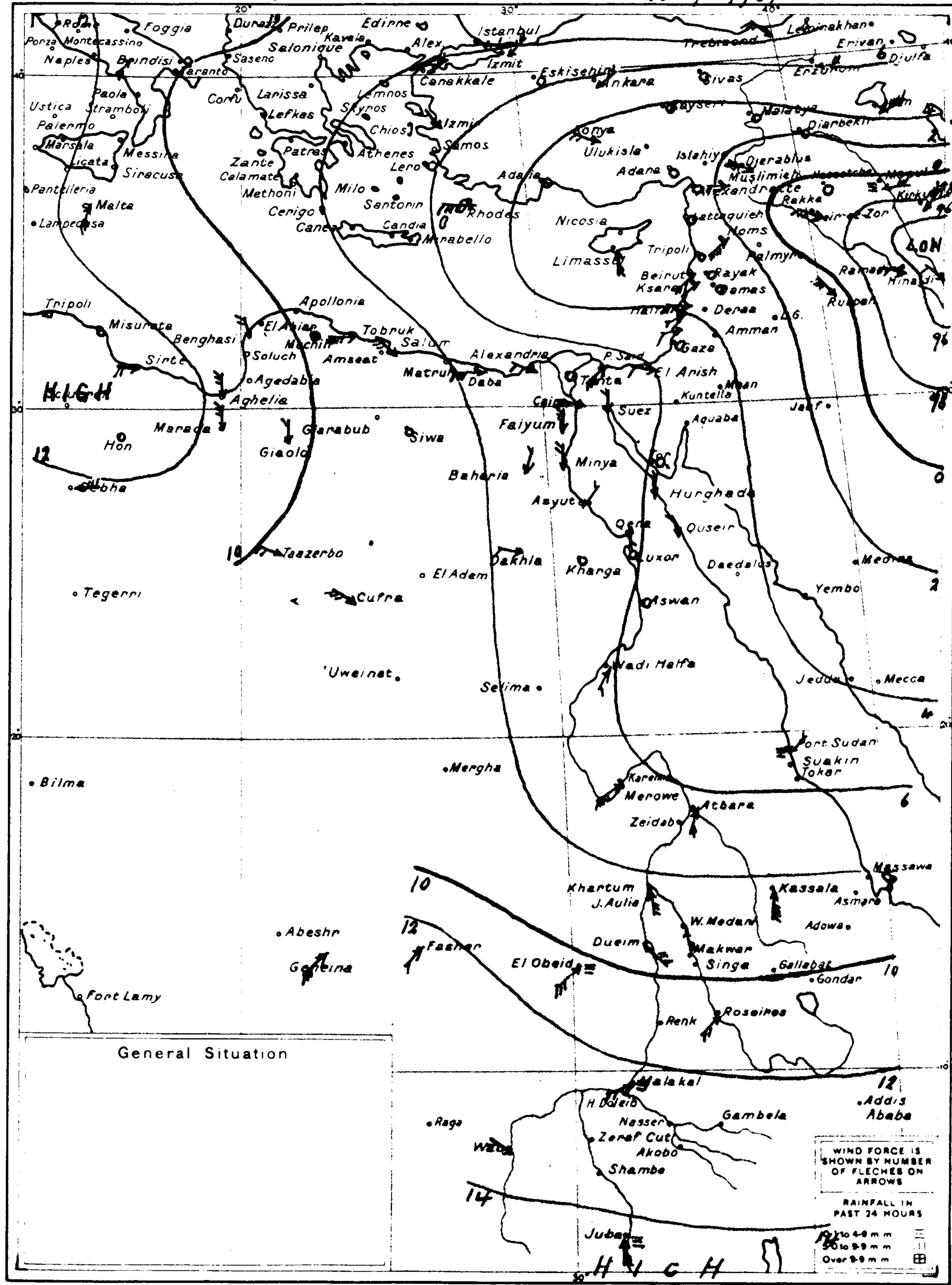
Giza Grass minimum on 26th 17.4 °C

Discharges at Aswân measured by sluices m^3 per sec

DATE	1937	1936
26.7	2082	3760
25.7	1851	3172

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from Normal m
Jûba	26.7	13.60	+0.17	13.78	+0.16
Nâsser	25.7	9.27	-0.08	9.22	-0.10
Malakâl	26.7	11.44	-0.04	11.42	-0.05
Roseires	26.7	17.63	+0.27	17.77	+0.54
Sennâr Res.	25.7	17.17	—	16.94	—
Khartûm	26.7	14.40	+0.92	14.39	+1.03
Kh. el Girba	25.7	12.88	-0.65	12.80	[illegible]
Atbara	26.7	13.28	+0.83	13.28	+0.55
Kajnarti	26.7	135.84	-0.16	135.49	-0.31
Wâdi Halfa	26.7	3.79	-0.04	3.68	-0.03
Aswân Res.	26.7	98.55	—	98.17	—
D. S.	26.7	87.38	-0.22	87.09	-0.41
El Leisi	26.7	18.05	+0.05	18.03	[illegible]
Rôda (Cairo)	26.7	15.84	[illegible]	15.86	[illegible]

Pressure and Wind at 8h 26-7-1937
١٩٣٧ - ٧ - ٢٦



General Situation

At 8h on 25-7-1937 — 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	المحطة
Limassol	1003	-4	E	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1004.2	-1.7	WSW	1	29.1	31	0	25	+3	69	+20	0	—	—	—	0	365	647	حيفا
Gaza	1004.3	-2.5	—	0	27.8	35	+5	22	+2	66	-6	0	4	—	0	0	375	376	غزة

الساعة ٨ يوم ٢٥ - ٧ - 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 PAST ON GREENWICH MEAN TIME

Remarks
The difference of Atbara for 25.7.37 published on 25.7.37 should read +0.55 instead of -0.55 m.

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

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

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Time of sunrise h. m. 05 11 — sunset h. m. 18 51

Month *July* 1937 ١٩٣٧ شهر يوليه

		STATION	At 14h. on 26th (الساعة ١٤ يوم ٢٦) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Tuesday 27th (الساعة ٨ يوم الثلاثاء ٢٧) 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.	
	MEDITER.	[redacted]UM	1009.0	NNE	4	31.0	52	0	7	1009.9	-0.4	NW	4	25.3	34	—	22	—	78	—	0	6	—	0	0	105	—	
		[redacted]RÛH	1008.0	NW	3	26.9	83	0	6	1008.3	-1.3	NNW	4	25.9	28	0	22	+1	83	+3	2	6	Sc	1	0	182	158	X
		[redacted]HEILA	1007.6	WNW	3	28.3	77	0	—	1008.4	—	WNW	3	26.8	29	—	24	—	77	—	3	—	Sc	2	0	145	—	
[redacted]		ALEXANDRIA	1007.0	NW	4	29.6	74	0	9	1007.9	-1.6	W	2	25.6	31	0	24	+1	82	+6	1	9	Cu	0	0	167	190	
159		DAMIETTA								1007.0	—	W	1	28.3	35	—	21	—	76	—	0	6	—	0	0	75	116	
134		PORT SAÏD	1005.9	NNE	3	31.6	69	0	7	1007.2	-0.7	WSW	2	27.9	33	+2	24	+1	79	+7	1	7	Cu	0	0	38	82	
135		EL 'ARÎSH	1005.6	NNW	2	30.0	78	0	7	1007.0	—	SSW	1	29.6	32	—	24	—	71	—	0	7	—	0	0	85	91	
136	LOWER EGYPT	DAMANHÛR								1007.9	-0.9	WSW	3	28.0	35	+2	21	+2	57	-13	0	7	Cu	0	0	78	110	
137		MANSÛRA								1007.2	—	SW	1	27.5	38	+3	21	+1	75	-1	0	8	—	0	0	45	57	
[redacted]		TANTA	1005.8	NNW	2	36.5	36	0	7	1007.6	-1.7	—	0	28.5	37	+1	20	0	74	+1	0	7	—	0	0	54	48	
[redacted]		ZAGÂZÏG	1005.9	WNW	2	37.3	34	0	8	1007.9	—	WSW	1	27.9	37	+2	20	+1	77	+1	0	8	—	0	0	20	28	
[redacted]	MIDDLE EGYPT	[redacted]ALMÂZA	1006.3	NW	3	37.3	20	1	8	1007.9	—	N	1	26.2	38	—	20	—	70	—	0	8	—	0	0	23	—	
		[redacted]BEKÏYA	1005.4	—	0	38.0	29	0	8	1007.4	-1.6	NNE	1	27.6	40	+5	23	+2	77	+3	0	5	—	1	0	18	34	
		[redacted]IZA	1005.3	WNW	2	39.4	29	0	8	1007.6	-1.9	WN	2	26.4	40	+5	19	-1	82	+7	0	5	—	0	0	16	37	
		[redacted]WÂN	1005.1	NW	3	37.2	18	0	7	1007.1	-1.9	—	0	27.6	39	+4	22	+1	55	-12	0	5	—	0	0	17	35	
144		SUEZ								1007.0	-1.5	N	1	26.0	40	+4	24	+1	76	+2	0	7	—	0	0	13	26	
153	UPPER EGYPT	FAIYÛM	1005.6	NNW	2	38.0	22	0	8	1007.4	-1.8	NNW	2	29.2	41	+5	23	+2	56	-10	0	6	—	0	0	6	11	
154		MINYA	1005.5	WNW	3	40.0	20	0	7	1007.2	-1.1	NNW	2	29.6	40	+3	24	+3	54	-11	0	7	—	0	0	16	—	
155		ASYÛT	1005.1	SW	1	40.0	15	0	8	1007.1	-1.0	WSW	2	30.0	42	+5	24	+1	41	-8	0	7	—	0	0	dr	5	
156		QENA	1004.6	NW	1	40.8	17	0	8	1006.6	+0.3	NW	1	31.5	41	0	23	-1	31	-10	0	8	—	0	0	dr	—	
157		LUXOR	1004.4	SSW	1	40.6	22	0	8	1005.6	—	—	0	34.6	42	—	21	—	35	—	0	8	—	0	0	dr	—	
158		ASWÂN	1003.6	W	2	40.3	23	0	8	1005.9	-1.3	—	0	34.0	42	0	26	0	32	0	0	8	—	0	0	1	—	
148	WESTERN DESERT	SÎWA	1007.1	—	0	38.0	25	0	6	1008.7	-2.0	—	0	27.9	41	+3	21	0	64	+2	0	6	—	0	0	29	7	
149		BAHARÎYA	1006.2	NNE	1	39.0	23	0	9	1008.0	—	NNE	1	31.4	40	—	26	—	35	—	0	9	Ac	1	0	26	—	
151		KHÂRGA	1005.0	N	1	39.8	36	0	9	1006.7	-1.1	—	0	31.6	42	+2	24	+2	52	+10	0	9	—	0	0	0	dr	
152		DÂKHLA	1005.6	NNE	1	39.0	17	0	8	1007.8	-1.0	—	0	30.7	41	+1	24	+1	28	-5	0	8	—	0	0	dr	—	
145	RED SEA	TOR								1006.4	+0.4	—	0	30.8	35	+1	24	0	67	-7	0	6	—	0	0	14	14	
146		HURGHÂDA								1006.8	+0.4	NNW	2	32.8	34	-1	24	-1	48	-6	0	6	—	1	0	dr	1	
147		QUSEIR	1005.3	NNE	2	32.6	64	0	6	1005.9	0.0	N	1	32.6	34	0	26	-1	56	+9	0	6	—	0	0	1	7	
169		PORT SUDAN								1006.0	+0.9	NE	1	—	—	—	—	—	—	—	0	—	—	0	0	42	117	
165	NORTH SUDAN	WÂDI HALFA								1007.6	-0.3	—	0	29.2	41	0	—	—	34	+8	0	8	—	0	—	—	—	
166		KAREIMA								1006.9	-1.2	S	5	32.0	42	0	29	+2	38	0	1	7	Ac	0	0	1	12	
167		'ATBARA								1008.7	+0.6	SSW	2	30.8	39	-1	27	+1	30	-8	2	—	—	0	0	5	30	
168		KHARTÛM								1010.0	+0.9	S	3	24.8	37	-1	23	-2	76	+12	4	8	Sc Ac	1	13	81	57	
170		KASSALA								1010.6	-0.9	S	3	24.0	35	+1	22	-1	83	+15	4	8	As	1	17	124	140	
171	CENTRAL SUDAN	WAD MEDANI								1010.4	-0.2	SSW	2	24.0	33	-2	21	-1	93	+24	3	—	—	1	23	358	164	
173		DUEIM								1010.0	-0.8	S	3	24.6	35	0	22	0	77	+10	4	—	—	6	53	152	129	
182		RENK																										
172		ROSEIRES								1013.0	+1.0	NNW	2	25.3	34	+2	23	+2	81	+2	4	—	—	8	dr	463	382	
174		EL OBEID								1011.2	-0.9	SE	4	25.2	33	0	25	+3	76	+2	4	8	Ac Cs	1	0	242	142	
175		EL FÂSHER								—	—	W	1	25.0	38	+4	23	+2	68	+1	0	—	—	0	2	97	124	
176	S. SUDAN	MALAKÂL								1013.1	+0.3	SSW	5	23.0	30	-1	22	+1	91	+6	4	8	Fn As	8	dr	398	516	
177		WÂU								1013.9	+2.4	S	2	23.0	33	+1	22	+2	96	+13	4	—	—	6	4	613	712	
178		JÛBA								1016.0	+3.2	SSW	3	22.8	33	+2	21	+1	91	+5	8	2	Sc	4	3	722	668	
179 / 180		Geneina / Gallabat								—	—	SE	1	22.2	32	—	20	—	91	—	3	8	Ac Ci	2	dr	—	—	

Upper Wind Observations on 27th — ارصاد الرياح العليا يوم ٢٧

Height metres above M.S.L.	Salum 07h00m Dir. E. of N.	Kms per hour	Matruh 07h00m Dir.	Kms	Cairo 08h00m Dir.	Kms	Helwan 08h45m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	W. Halfa 06h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Geneina 06h00m Dir.	Kms	Abukir (R.A.F.) 07h00m Dir.	Kms	Salum 13h00m Dir.	Kms	Almaza 12h15m Dir.	Kms
200	310	21	290	29	30	12	320	10	—	—	—	—	240	8	—	—	—	—	—	—	—	—	—	—	240	11	330	19	300	16
[redacted]	—	—	330	14	350	10	10	18	70	10	330	15	210	3	180	37	—	—	—	—	210	31	—	—	230	8	—	—	290	10
[redacted]	350	22	340	12	310	13	310	14	290	8	310	18	20	24	170	23	160	43	240	29	220	43	60	8	230	24	310	29	230	7
[redacted]			0	18	310	15	320	17	260	9	240	14	350	26	200	14	190	37					0	35					300	4
2000			350	17	310	19	300	14	280	7	230	11	330	19			140	11					70	26					20	15
3000			0	18	250	29	270	41					250	11			70	29					100	31					40	15
4000					120	7											80	21					120	23						
5000					110	7																								
6000					40	1																								
7000					340	12																								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 26th	Diff. from Normal	Wet Bulb Temp. °C on 26th	Diff. from Normal
Alexandria	80	+7	24.4	+2.0
Ezbekiya	67	+7	24.2	+1.5
Giza	66	+4	24.4	+2.4
Helwân	47	-1	21.7	+1.8

Giza Grass minimum on 27th 15.1 °C

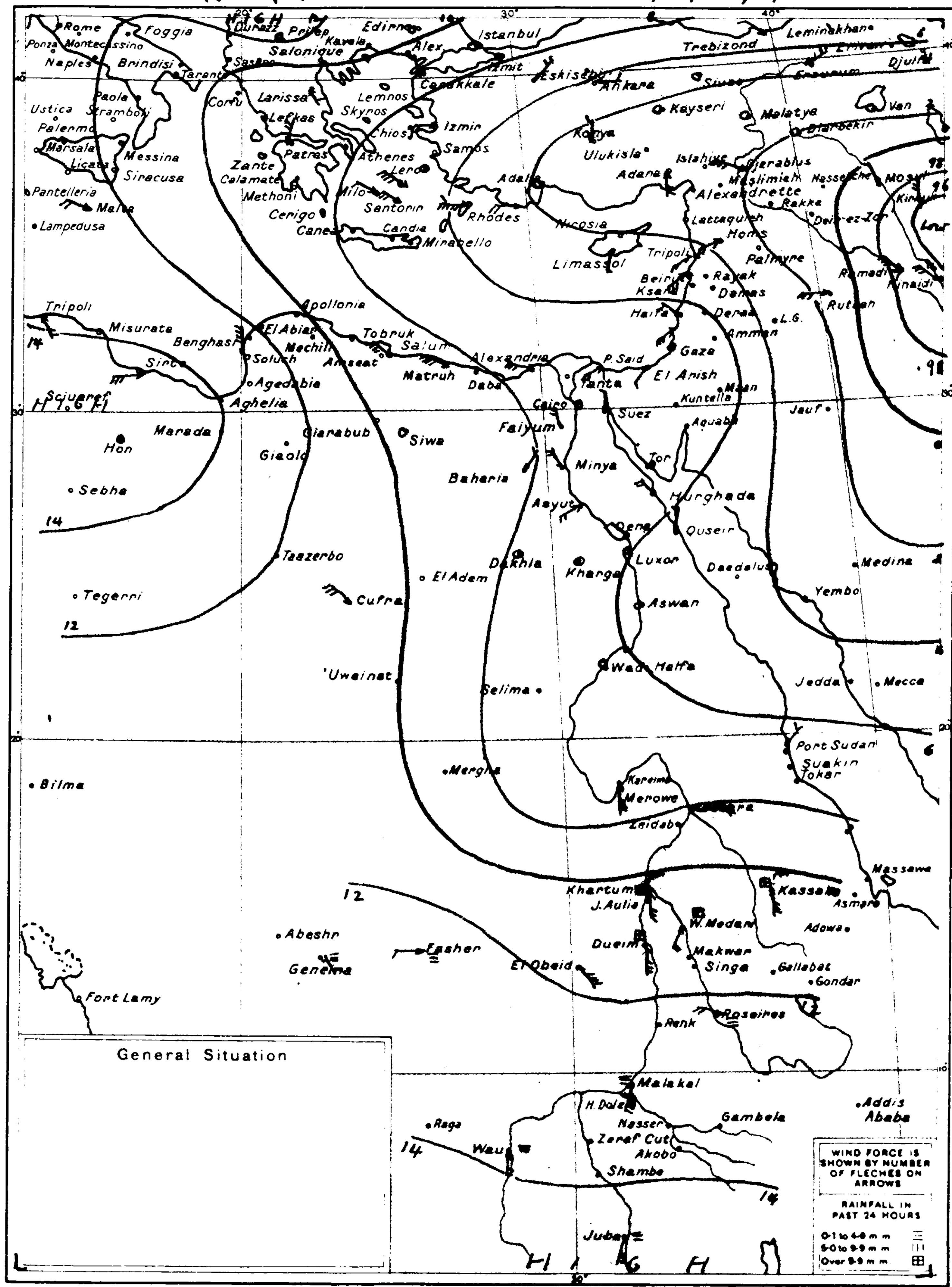
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
27-7	2435	4394
26-7	2083	3760

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	27.7	13.88	+0.30	13.80	+0.17
Nâsser	26.7	9.30	-0.08	9.27	-0.08
Malakâl	27.7	11.45	-0.04	11.44	-0.04
Roseires	27.7	17.62	+0.15	17.63	+0.27
Sennâr Res.	26.7	17.20	—	17.19	—
Khartûm	26.7	14.40	+0.92	14.39	+1.05
Kh. el Girba	26.7	13.90	-0.48	13.68	-0.65
'Atbara	27.7	13.42	+0.60	13.28	+0.63
Kajnarti	26.7	130.84	-0.16	130.47	-0.51
Wâdi Halfa	27.7	4.16	+0.34	3.77	+0.04
Aswân Res.	27.7	[illegible]	—	88.05	—
″ D. S.	27.7	87.01	+0.10	87.38	-0.22
El Leisi	27.7	18.07	+0.03	18.05	+0.06
Rôda (Cairo)	27.7	15.84	+0.03	15.84	[illegible]

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

١٩٣٧ - ٧ - ٢٧ Pressure and Wind at 8 h. 27 - 7 - 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 26-7-1937 — الساعة ٨ يوم ٢٦ - ٧ - 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	1004	-3	S	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1005.8	-0.1	WSW	1	30.5	32	+1	24	+2	92	+23	0	—	—	—	0	365	647	حيفا
Gaza	1005.5	-1.3	—	0	28.9	36	+6	20	0	52	-20	0	9	—	0	0	375	376	غزة

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

Time of sunrise 05 11 | sunset 18 51

Month *July,* 1937 ١٩٣٧ يوليه شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on — الساعة ١٤ يوم | At 8h. on *Wednesday 28th* — الساعة ٨ يوم الاربعاء ٢٨

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.
	MEDITERRANEAN																									
	SALÛM	1008.8	NNE	4	33.7	32	0	7	1008.8	-1.5	NNW	4	25.6	34	—	22	—	77	—	0	6	—	0	0	105	—
	MATRÛH	1007.6	NW	4	26.9	86	1	6	1007.5	-2.1	W	4	25.7	27	-1	23	+2	85	+5	2	6	Sc	1	0	182	158
	DIKHEILA	1008.0	W	4	28.6	73	0	—	1007.2	—	WNW	3	26.6	29	—	24	—	85	—	1	7	St	0	0	145	—
	ALEXANDRIA	1007.2	NW	3	29.6	67	0	9	1007.0	-2.5	W	1	26.0	31	0	24	+1	87	+11	2	9	Cu	2	0	167	190
	DAMIETTA								1006.6	—	S	2	27.8	34	—	21	—	73	—	0	7	—	0	0	75	116
134	PORT SAÎD	1006.4	NNW	3	32.1	75	0	7	1006.3	-1.6	SW	3	27.4	33	+2	25	+1	75	+3	1	7	Sc	0	0	38	82
135	EL 'ARÎSH	1005.9	NNW	3	30.0	75	0	7	1005.9	—	WSW	1	29.0	31	—	23	—	74	—	0	7	—	0	0	85	91
	LOWER EGYPT																									
136	DAMANHÛR								1007.2	-1.6	WSW	2	28.8	35	+2	21	+2	74	+4	0	6	Ci	4	0	78	110
137	MANSÛRA								1006.3	—	SW	1	27.0	37	+2	20	0	73	-3	0	8	—	0	0	45	57
138	TANTA	1006.2	NW	4	35.5	40	0	7	1007.2	-2.1	WSW	1	25.5	37	+1	19	-1	92	+19	8	5	As	2	0	54	48
	ZAGÂZÎG	1006.0	NNW	1	37.3	37	0	8	1007.1	—	WNW	1	27.8	37	+2	20	+1	64	-12	0	8	—	0	0	20	28
	MIDDLE EGYPT																									
	ALMÂZA	1006.3	NW	3	37.8	20	1	8	1007.4	—	—	0	28.8	39	—	20	—	58	—	0	8	—	0	0	23	—
	EZBEKÎYA	1005.3	NW	2	38.2	30	0	8	1006.8	-2.2	NNW	1	28.4	40	+5	23	+2	66	-8	0	5	—	0	0	18	34
	GÎZA	1005.1	NNW	1	39.1	27	0	8	1007.0	-2.5	NNW	2	26.7	40	+5	20	0	71	-4	0	6	—	0	0	16	31
	HELWÂN	1004.7	NW	4	37.6	17	0	7	1006.6	-2.4	NW	1	27.8	39	+4	23	+2	46	-21	0	5	—	0	0	17	35
144	SUEZ								1006.7	-1.8	N	1	29.0	40	+4	25	+2	61	-13	0	7	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1006.0	NNW	3	38.4	23	0	8	1007.0	-2.2	NNW	3	28.8	41	+5	22	+1	47	-20	0	8	—	0	0	6	11
154	MINYA	1005.8	N	3	41.0	—	0	7	1006.8	-1.5	NNW	2	29.0	41	+4	24	+3	55	-10	0	8	—	0	0	16	—
155	ASYUT	1005.1	N	2	39.0	17	0	8	1006.3	-1.8	WSW	2	31.0	42	+5	24	+1	43	-6	0	7	—	0	0	dr	5
156	QENA	1004.6	SSW	1	41.1	18	0	8	1006.0	-0.3	WNW	1	33.2	42	+1	26	+2	34	-7	2	8	Cs	1	0	dr	—
157	LUXOR	1004.2	—	0	42.7	26	0	8	1005.0	—	NNE	1	33.5	44	—	23	—	57	—	0	8	—	0	0	dr	—
158	ASWÂN	1003.5	—	0	42.8	24	0	8	1004.8	-2.4	—	0	33.8	44	+2	28	+2	34	+2	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1007.4	NNW	2	38.5	30	0	6	1009.8	-0.9	—	0	27.0	40	+2	22	+1	80	+18	0	6	—	0	0	29	7
149	BAHARÎYA	1006.3	NW	1	39.0	21	0	9	1007.8	—	NNE	1	29.0	40	—	21	—	50	—	0	9	—	0	0	26	—
151	KHÂRGA	1004.6	SE	1	43.0	27	0	9	1005.5	-2.3	—	0	34.0	42	+2	28	+6	50	+8	0	9	—	0	0	0	dr
152	DÂKHLA	1005.3	NNE	1	40.0	17	0	9	1007.1	-1.7	SSW	2	35.7	42	+2	30	+7	31	-2	2	6	Ac	1	0	dr	—
	RED SEA																									
145	TÔR								1005.3	-0.2	N	2	29.0	37	+3	24	0	74	0	0	6	—	0	0	14	14
146	HURGHÂDA								—	—	N	2	32.2	36	+1	25	0	57	+6	0	7	—	0	0	dr	1
147	QUSEIR	1005.8	NNE	2	33.2	—	0	6	1005.8	-0.1	NW	1	33.1	34	0	28	+1	60	+13	0	6	—	0	0	1	7
169	PORT SUDAN								1005.6	+0.4	SW	2	—	—	—	—	—	—	—	1	—	—	0	dr	42	117
	NORTH SUDAN																									
165	WÂDI HALFA								1006.9	-1.0	SW	2	30.4	42	+1	26	+3	39	+13	1	7	Ci	1	—	—	—
166	KAREIMA								1007.1	-1.0	S	6	30.0	42	0	28	+1	36	-2	6	4	Ci	0	0	7	12
167	'ATBARA								1009.8	+1.7	S	3	28.0	38	-2	25	-1	33	-5	2	—	—	0	3	7	31
168	KHARTÛM								1009.5	+0.4	S	4	25.8	34	-4	23	-2	76	+11	2	8	Sc	1	dr	81	59
170	KASSALA								1011.0	-0.5	SE	2	25.3	33	-1	22	-1	84	+16	3	8	Fn,Ac	1	0	124	143
	CENTRAL SUDAN																									
171	WAD MEDANI								1010.8	+0.1	SW	2	24.2	30	-5	22	0	87	+18	3	—	—	1	0	358	168
173	DUEIM								1011.0	+0.2	S	3	24.6	31	-4	23	+1	82	+14	4	—	—	2	0	152	132
182	RENK																									
172	ROSEIRES								1011.2	-0.8	WNW	2	24.2	29	-3	21	0	80	+1	1	—	—	1	3	466	388
174	EL OBEID								1010.7	-1.5	S	3	23.8	36	+3	23	+1	75	0	2	8	Ac,Ci	1	0	242	144
175	EL FÂSHER								—	—	SW	1	26.0	39	+5	21	0	66	-1	0	—	—	0	0	97	127
	S. SUDAN																									
176	MALAKÂL								1011.2	-1.6	SSW	1	25.1	28	-3	22	+1	84	-1	3	8	Fn,Ac	2	0	398	522
177	WÂU								1011.2	-0.3	S	2	24.5	32	0	22	+2	92	+9	4	—	—	2	6	619	718
178	JÛBA								1014.8	+2.0	NE	1	21.0	33	+2	19	-1	100	+14	8	3	St,Cs	4	12	734	672
179	Geneina																									
180	Gallabat								—	—	SW	2	21.8	30	—	21	—	91	—	4	8	Sc	1	0	—	—

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

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.45m Dir.	Kms	Cairo 07h.00m Dir.	Kms	Helwan 08h.15m 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	Malakal 06h00m Dir.	Kms	Geneina 06h00m Dir.	Kms	Salum 27th 13h00m Dir.	Kms	Almaza 27th 12h30m Dir.	Kms
200	340	22	290	29	280	19	30	10	280	18	—	—	—	—	190	8			—	—	—	—	—	—	—	—	20	20	280	10
[illegible]	—	—	Ext. Sc		230	23	30	13	40	13	20	23	340	7	130	26	190	130*	190	48	—	—	170	27	—	—	—	—	300	17
1000	30	11			280	20			340	11	350	16	350	8	70	31	210	66	190	53	190	37	190	27	280	5	330	30	310	16
1500	330	23			270	20			340	19	310	9	250	14	30	26	220	31	180	16	190	19	230	24	330	19	330	29		
2000					290	8			320	13			280	5					200	34	180	24	240	34	0	34				
3000									250	35									210	14	140	19	260	31						
4000									10	11											70	11								
5000									320	14											140	18								
6000									250	16																				
7000									290	8																				

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	80	+7	24.2	+1.7
Ezbekiya	61	+1	24.4	+1.6
Gîza	59	-3	24.2	+2.2
Helwân	43	-5	21.5	+1.6

Gîza Grass minimum on 28th 14.9 °c

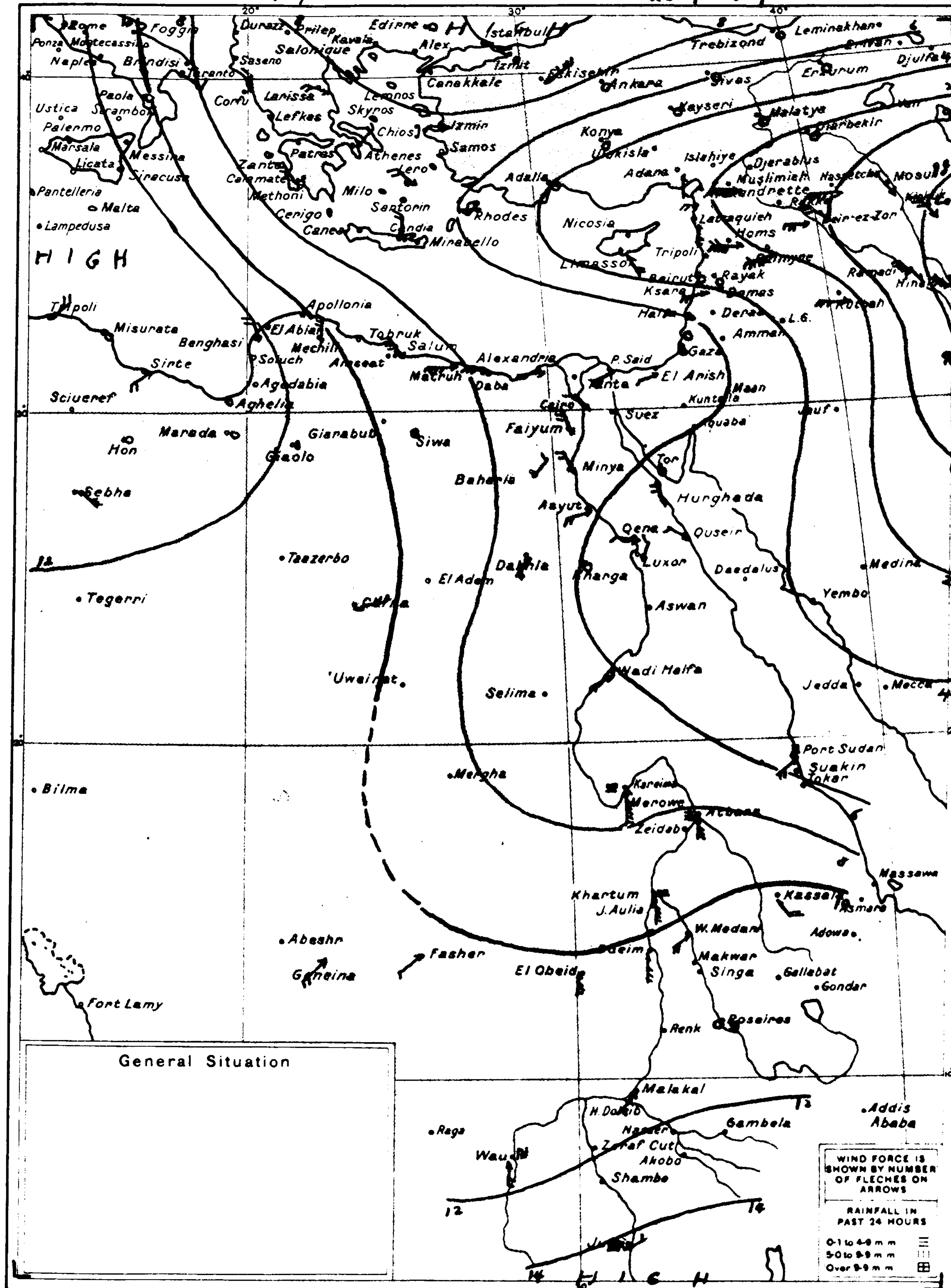
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
28.7	2541	4590
27.7	2435	4374

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27.7	13.98	+0.35	13.80	+0.17
Nâsser	27.7	9.34	-0.06	9.30	-0.08
Malakâl	28.7	11.46	-0.05	11.45	-0.04
Roseires	28.7	17.50	-0.10	17.42	+0.15
Sennâr Res.	27.7	17.23	—	17.20	—
Khartûm	28.7	14.36	+0.48	14.45	+0.87
Kh. el Girba	27.7	13.12	-0.33	12.90	-0.48
'Atbara	28.7	13.50	+0.61	13.42	+0.65
Kajnarti	28.7	137.14	+0.78	136.55	+0.37
Wâdi Halfa	28.7	4.65	+0.58	4.18	+0.24
Aswân Res.	28.7	97.93	—	98.35	—
,, D. S.	28.7	87.34	+0.07	87.81	+0.10
El Leisi	28.7	18.13	+0.03	18.07	+0.03
Rôda (Cairo)	28.7	15.86	-0.04	15.84	-0.03

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

١٩٣٧/٧/٢٨ Pressure and Wind at 8 h. 28.7.1937.



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 27.7.1937. — الساعة ٨ يوم ١٩٣٧/٧/٢٧

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	Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1005	-2	S	1	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1006.6	+0.7	WNW	1	29.7	33	+2	23	+1	70	+1	0	—	—	—	0	365	647	حيفا
Gaza	1006.6	-0.2	—	0	28.2	37	+7	22	+2	75	+3	0	9	—	0	0	393	376	غزه

ANNUAL SUBSCRIPTION

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

Time of sunrise [illegible] sunset 18 50 — Month *July* 1937 ١٩٣٧ شهر يوليه

DAILY WEATHER REPORT ١٩٣٧/٧/٢٩

At 14h. on 28th (الساعة ١٤ يوم) — At 8h. on Thursday 29th (الساعة ٨ يوم الخميس ٢٩)

No.	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
	MEDITERRANEAN SALÛM	1007.9	N	4	30.0	55	0	7	1009.9	-0.4	NNW	3	25.0
	MATRÛH	1006.6	WNW	4	27.1	85	0	6	1006.7	-2.9	WNW	3	25.4
	DIKHEILA												
	ALEXANDRIA	1006.3	W	3	29.9	66	1	9	1006.6	-3.0	W	2	25.2
159	DAMIETTA								1005.9	—	SW	1	27.8
134	PORT SAÏD	1005.1	NW	3	34.2	47	0	7	1005.6	-2.3	SW	3	27.4
135	EL ʿARÎSH	1004.3	NNW	4	31.3	70	0	7	1005.6	—	WSW	1	31.0
136	**LOWER EGYPT** DAMANHÛR								1006.4	-2.4	W	1	25.7
137	MANSÛRA								1005.8	—	W	1	23.8
138	TANTA												
	ZAGÂZÎG	1006.6	NE	2	30.3	55	0	8	1006.2	—	NW	1	28.8
	MIDDLE EGYPT CAIRO: ALMÂZA												
	EZBEKÎYA	1004.7	NNW	2	37.0	30	0	8	1006.0	-3.0	—	0	29.7
	GÎZA	1004.8	NH	3	37.3	30	0	8	1006.6	-2.9	NNW	1	26.7
	HELWÂN	1004.8	NNW	2	35.9	17	0	7	1005.9	-3.1	—	0	28.7
144	SUEZ								1006.0	-2.5	N	1	29.0
153	**UPPER EGYPT** FAIYÛM	1005.5	SSW	4	37.2	22	0	8	1006.3	-2.9	N	1	30.0
154	MINYA	1005.0	N	3	37.8	26	0	7	1006.6	-1.7	N	1	30.0
155	ASYÛT	1004.6	NW	3	38.8	20	0	8	1006.0	-2.1	WSW	2	30.4
156	QENA	1003.6	SSW	2	41.1	20	0	9	1005.3	-1.0	NW	1	32.3
157	LUXOR	1003.0	SSW	3	43.1	26	0	8	1004.4	—	—	0	35.2
158	ASWÂN	1001.8	W	1	42.9	14	0	8	1004.6	-2.6	—	0	33.5
148	**WESTERN DESERT** SÎWA	1005.9	WNW	1	38.6	44	0	6	1006.4	-4.3	—	0	30.7
149	BAHARÎYA	1006.2	WNW	2	38.3	23	0	9	1006.7		—	0	31.3
151	KHÂRGA	1003.8	NE	1	41.8	23	0	9	1006.3	-1.5	E	2	30.7
152	DÂKHLA	1004.8	WNW	1	40.5	22	0	8	1007.0	-1.8	WNW	1	33.1
145	**RED SEA** TÔR	1003.8	—	0	32.2	38	0	6	1005.4	-0.6	NW	2	30.8
146	HURGHÂDA								1006.3	-0.1	NNE	2	32.6
147	QUSEIR	1005.1	NE	2	33.8	63	0	6	1005.3	-0.6	N	2	33.3
164	PORT SUDAN								1004.6	-0.6	E	1	—
165	**NORTH SUDAN** WÂDI HALFA								1006.5	-2.4	N	2	33.9
166	KAREIMA								1005.7	-2.4	S	4	34.0
167	ʿATBARA								1008.0	-0.1	S	2	30.5
168	KHARTÛM								1008.0	-1.1	S	3	28.1
170	KASSALA								1008.7	-2.8	S	4	26.0
171	**CENTRAL SUDAN** WAD MEDANI								1008.6	-2.1	SW	2	27.0
173	DUEIM								1008.8	-2.0	SE	3	27.4
182	RENK												
172	ROSEIRES								1009.6	-2.4	WSW	2	26.4
174	EL OBEID								1009.5	-2.6	S	3	26.5
175	EL FÂSHER								—	—	NW	3	27.0
176	**S. SUDAN** MALAKÂL								1010.4	-2.4	SW	2	24.7
177	WÂU								1009.8	-1.7	S	2	24.0
178	JÛBA								1013.9	-1.1	NW	3	22.2
179	Geneina								—	—	W	2	22.9
180	Gallabat												

No.	Station	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.
	SALÛM	32	—	22	—	78	—	1	7	—	0	0	105	—
	MATRÛH	27	-1	21	0	90	+10	3	6	Cu	2	0	182	158
	DIKHEILA													
	ALEXANDRIA	32	+1	24	+1	86	+10	2	9	Cu	2	0	167	190
159	DAMIETTA	36	—	20	—	79	—	8	6	—	1	0	75	116
134	PORT SAÏD	35	+4	24	0	70	-2	0	7	—	0	0	38	82
135	EL ʿARÎSH	32	—	23	—	61	—	0	7	—	0	0	85	91
136	DAMANHÛR	35	+2	21	+2	86	+16	4	—	—	4	0	78	110
137	MANSÛRA	37	+2	20	0	87	+11	8	5	—	0	0	45	57
138	TANTA													
	ZAGÂZÎG	36	+1	18	-1	66	-11	0	8	—	0	0	20	28
	ALMÂZA													
	EZBEKÎYA	39	+4	23	+2	62	-12	0	6	—	0	0	18	34
	GÎZA	39	+4	19	-1	64	-11	0	7	—	0	0	16	31
	HELWÂN	37	+2	23	+2	38	-29	0	6	—	0	0	17	85
144	SUEZ	39	+3	24	+1	49	-25	0	7	—	0	0	13	26
153	FAIYÛM	39	+3	21	0	43	-24	0	8	—	0	0	6	11
154	MINYA	39	+2	22	+1	53	-13	0	8	—	0	0	16	—
155	ASYÛT	40	+3	26	+2	34	-15	0	7	—	0	0	dr.	5
156	QENA	43	+2	25	+1	37	-4	0	8	—	0	0	dr.	—
157	LUXOR	44	—	24	—	33	—	1	8	Cu	1	0	dr.	—
158	ASWÂN	44	+2	28	+2	42	+10	1	8	Ci	1	0	1	
148	SÎWA	40	+2	25	+4	70	+8	0	6	—	0	0	29	7
149	BAHARÎYA	39	—	22	—	39	—	0	9	—	0	0	26	
151	KHÂRGA	42	+2	27	+5	46	+4	0	9	—	0	0	0	dr
152	DÂKHLA	41	+1	26	+3	24	-9	0	8	—	0	0	dr	—
145	TÔR	34	0	23	-1	65	-9	0	6	—	0	0	14	14
146	HURGHÂDA	37	+2	26	+1	52	-1	0	6	—	1	0	dr	1
147	QUSEIR	36	+2	27	0	60	+13	0	6	—	0	0	1	7
164	PORT SUDAN	—	—	—	—	—	—	4	—	—	2	1	43	117
165	WÂDI HALFA	43	+2	30	+7	27	0	1	7	As	1	—	—	
166	KAREIMA	42	0	30	+3	31	-8	0	8	Ac	0	0	1	12
167	ʿATBARA	37	-3	27	+1	23	-16	3	—	—	0	0	7	32
168	KHARTÛM	36	-2	27	+2	70	+5	4	8	Cu	1	0	81	60
170	KASSALA	33	-1	23	0	76	+8	4	8	Ns	1	dr.	124	146
171	WAD MEDANI	32	-3	23	+1	77	+8	2	—	—	0	0	358	172
173	DUEIM	35	0	24	+2	75	+7	2	—	—	0	0	152	135
182	RENK													
172	ROSEIRES	34	+2	23	+2	79	0	2	—	—	1	0	466	394
174	EL OBEID	38	+5	25	+3	59	-16	3	8	Sc, Cu	0	0	242	147
175	EL FÂSHER	40	+6	25	+4	63	-5	0	—	—	0	0	97	131
176	MALAKÂL	31	0	22	+1	84	-1	4	8	Ac	2	12	410	528
177	WÂU	33	+1	22	+2	87	+4	4	—	—	2	3	622	724
178	JÛBA	32	+1	21	+1	91	-5	4	5	Fn	9	13	747	677
179	Geneina	33	—	22	—	83	—	4	8	Sc	5	dr	—	—
180	Gallabat													

Upper Wind Observations on 29th — ارصاد الرياح العليا يوم ٢٩

Dir. E. of N / Kms per hour

Height metres above M.S.L.	W. Halfa 08h 00m Dir	Kms	Khartoum 05h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	El Obeid 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Geneina 06h 00m Dir	Kms	Salum (28th) 13h 00m Dir	Kms	Almaza (26-7) 12h 00m Dir	Kms
[illegible]	350	8	—	—	—	—	—	—	—	—	—	—	0	20	240	8
[illegible]	130	8	180	37	—	—	—	—	210	10	—	—	—	—	320	15
[illegible]	90	5	190	55	230	34	230	48	240	27	330	8	330	31	280	11
1500	60	14	220	43	220	13	240	20	270	31	300	24	330	22	310	18
2000	60	19	230	16	230	5	220	16	270	34	0	19			30	6
3000	180	5			100	16	40	24			50	26			300	11
4000					130	14	50	19			80	26				
5000											90	27				
6000											130	16				

Forecast for 24 hours from noon on

Station	Mean of day Humidity % on 28	Diff. from normal	Wet bulb temp. °C on 28	Diff. from normal
Alexandria	84	+11	24.6	+2.1
Ezbekiya	55	-5	23.8	+1.0
Giza	59	-3	23.5	+1.4
Helwan	37	-11	20.7	+0.7

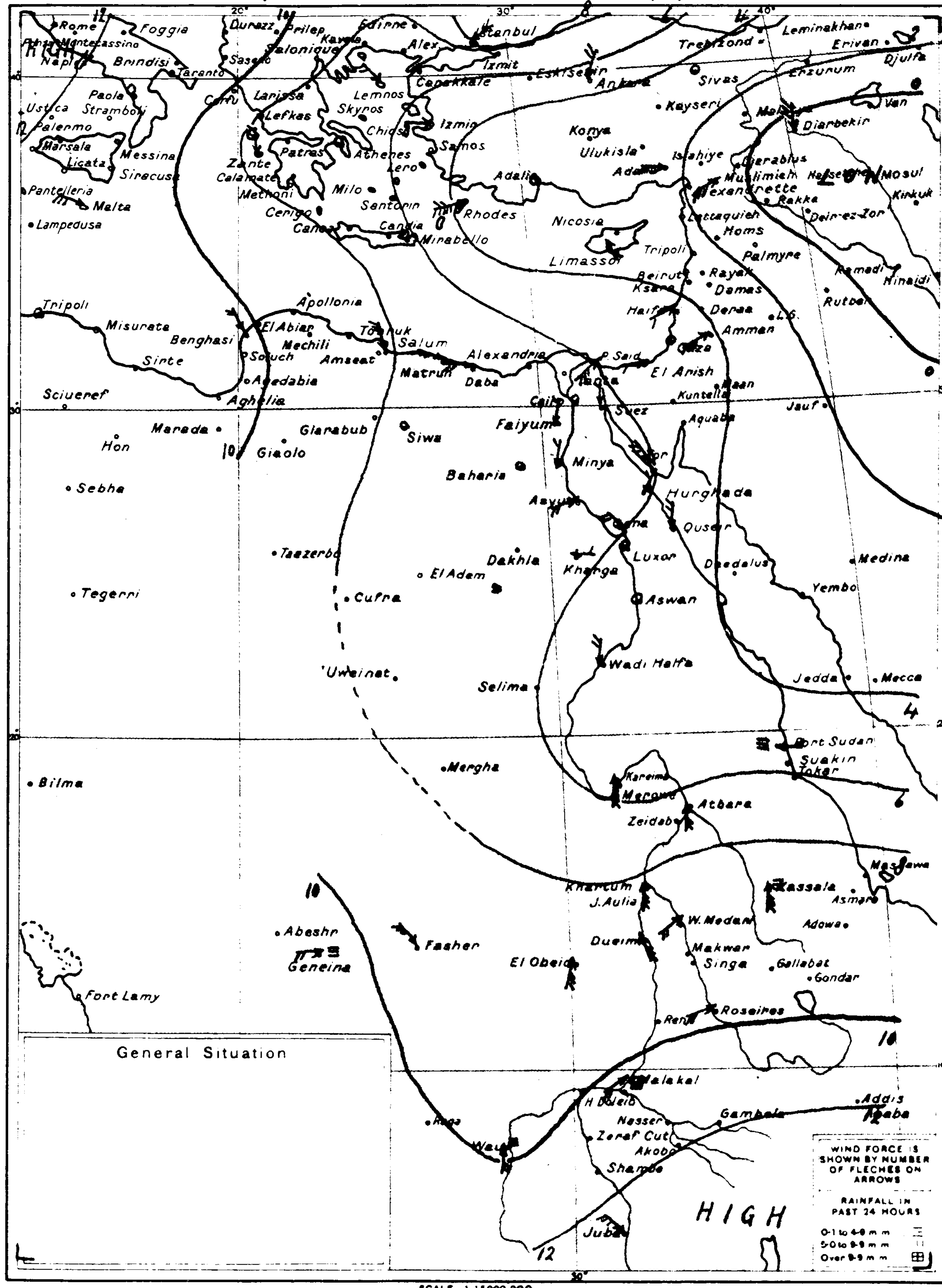
Giza Grass minimum on 29th 13.2 °C

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

Date	1937	1936
29.7	2774	4883
28.7	2548	4590

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	27.7	13.98	+0.35	13.80	+0.17
Nâsser	27.7	9.34	-0.06	9.30	-0.08
Malakâl	27.7	11.47	-0.05	11.46	-0.05
Roseires	27.7	17.93	+0.21	17.50	-0.10
Sennâr Res.	27.7	17.22	—	17.70	—
Khartûm	27.7	14.19	+0.40	14.36	+0.68
Kh. el Girba	27.7	13.20	-0.33	12.94	-0.56
ʿAtbara	27.7	13.58	+0.63	13.50	+0.61
Kajnarti	27.7	137.53	+0.98	137.14	+0.78
Wâdi Halfa	27.7	4.96	+0.75	4.65	+0.58
Aswân Res	27.7	97.74	—	97.93	—
D. S.	27.7	88.77	+0.17	87.94	+0.07
El Leisi	27.7	18.20	+0.04	18.13	+0.03
Rôda (Cairo)	27.7	15.82	-0.10	15.86	-0.04

Pressure and Wind at 8h 29.7.1937.



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 28.7.1937 — الساعة ٨ يوم ١٩٣٧/٧/٢٨

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.	محطة
Limassol	1004	-3	SE	2	27	—	—	—	—	—	—	6	—	—	—	—	—	—	ليماسول
Haifa	1005.9	-0.1	WNW	1	30.0	32	+1	24	+2	90	+21	0	—	—	—	0	365	647	حيفا
Gaza	1006.3	-0.5	—	0	27.8	36	+6	20	0	77	+5	0	9	—	—	0	395	376	غزة

Remarks

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

CAIRO

Time of sunrise 5h. 18m.

sunset 6h. 58m.

Month July 1937 ١٩٣٧ شهر يوليه

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

DAILY WEATHER REPORT ١٩٣٧/٧/٣٠ Pressure and Wind at 8 h. 30.7.1937.

	STATION	At 14h. on 29th (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 30th (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	Maximum 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	SALŪM	1010.0	WNE	4	26.9	74	0	7	1009.0	-1.3	NNW	3	24.2	28	—	21	—	78	—	0	6	cu	1	0	105	
	MATRŪH	1006.7	NNW	3	27.6	80	0	6	1007.5	-2.1	NNW	3	25.4	28	0	22	+1	80	0	3	6	cu	2	0	182	168
	DIKHEILA	1006.3	—	0	29.0	80	—	—	1007.2	—	NW	2	26.7	30		22		81		3	8	cu	2	0	145	
	ALEXANDRIA	1006.3	WNW	4	30.7	70	0	9	1007.1	-2.5	NE	2	26.3	32	+1	24	+1	82	+7	3	9	cu	2	0	167	190
	DAMIETTA								1006.0	—	SW	1	29.5	37		22	—	74		0	5	—	0	0	75	116
	PORT SAÏD	1005.4	WNW	2	33.1	47	0	7	1006.3	1.7	SW	2	27.3	34	+3	25	+1	80	+7	0	7	—	0	0	38	82
	EL 'ARÎSH	1004.6	WNW	2	32.1	72	0	7	1005.9	—	NNW	1	31.0	34		22		62		0	7	—	0	0	85	91
LOWER EGYPT	DAMANHŪR								1007.4	-1.4	SW	1	25.5	36	+3	21	+2	88	+18	8	4	—	4	0	78	110
	MANSŪRA								1006.0	—	S	1	25.0	38	+3	22	+2	91	+15	8	4	—	0	0	45	57
	TANTA	1005.1	N	3	36.0	33	0	7	1007.0	-2.3	—	0	26.0	37	+1	21	+1	84	+10	0	7	—	0	0	54	48
	ZAGĀZĪG	1005.1	WNW	2	36.3	29	0	8	1006.6	—	WNW	1	27.3	39	+4	19	0	83	+6	0	8	—	0	0	20	28
MIDDLE EGYPT	CAIRO ALMĀZA								1006.8	—	NNW	2	26.9	37		20		70		0	7	—	0	0	23	
	CAIRO EZBEKĪYA	1004.6	NW	1	37.2	28	0	8	1006.2	-2.9	—	0	28.6	38	+3	23	+2	75	+1	0	5	—	0	0	18	34
	CAIRO GĪZA	1004.7	NW	1	37.6	27	0	8	1006.2	-3.3	NNW	2	27.1	38	+3	18	-2	78	+3	0	5	—	0	0	16	31
	HELWĀN	1004.4	WNW	5	36.3	14	0	8	1005.8	-3.2	—	0	27.6	37	+2	23	+2	46	-21	0	5	—	0	0	17	35
	SUEZ								1006.3	-2.3	—	0	30.0	40	+4	24	+1	47	-27	0	7	—	0	0	13	26
UPPER EGYPT	FAIYŪM	1004.2	WNW	3	37.2	19	0	8	1006.4	-2.8	SSE	1	30.3	40	+4	22	+1	45	-22	0	7	—	0	0	6	11
	MINYA	1004.8	WNW	2	38.5	24	0	7	1006.2	-2.1	N	1	30.3	39	+2	22	+1	40	-26	0	7	—	0	0	16	
	ASYŪT	1004.2	WSW	3	39.2	17	0	8	1005.9	-2.2	WSW	2	30.2	40	+3	24	+1	34	-15	0	8	—	0	0	dr.	5
	QENA	1003.5	SW	5	41.8	19	0	9	1005.3	-1.0	N	1	32.0	43	+2	24	0	29	-12	0	8	—	0	0	dr.	—
	LUXOR	1003.2	WSW	2	41.3	26	0	8	1004.2	—	—	0	33.3	44		22		35		0	8	—	0	0	dr.	—
	ASWĀN	1001.8	—	0	45.0	19	1	8	1003.8	-3.4	—	0	34.0	46	+4	28	+2	27	-5	0	8	—	0	0	1	—
WESTERN DESERT	SĪWA	1005.1	—	0	40.0	63	0	6	1008.8	-3.9	—	0	28.0	42	+4	21	0	73	+11	0	6	—	0	0	29	7
	BAHARĪYA	1004.7	W	1	38.8	22	0	9	1008.0	—	ESE	3	32.4	40	—	22	—	37	—	0	9	—	0	0	26	
	KHĀRGA	1004.0	N	1	41.4	26	0	9	1005.9	-1.9	N	1	30.3	43	+3	22	0	39	-4	0	9	—	0	0	0	dr
	DĀKHLA	1005.1	WNW	2	39.0	17	0	8	1006.7	-2.2	NW	1	31.2	41	+1	26	+3	29	-4	0	9	—	0	0	dr.	—
RED SEA	TŌR	1003.8	NW	3	35.2	36	0	6	1005.3	-0.7	NW	1	30.0	40	+6	22	-2	60	-14	0	6	—	0	0	14	14
	HURGHĀDA								1006.0	-0.4	NNW	3	32.0	36	+1	25	0	44	-9	0	6	—	0	0	dr	1
	QUSEIR	1005.0	WNE	2	33.4	65	0	6	1006.4	-0.5	NNW	2	33.7	35	+1	27	0	46	-1	0	6	—	0	0	1	7
	PORT SUDAN								1003.4	-1.8	SE	1	—	—	—	—	—	—	—	2	—	—	—	0	43	117
NORTH SUDAN	WĀDI HALFA								1006.5	-1.4	ENE	1	32.5	43	+2	28	+5	28	+1	3	7	Ac,Cs	1	—	—	
	KAREIMA								1005.3	-2.8	S	6	31.8	44	+2	28	+1	54	+15	8	4	—	0	0	1	12
	'ATBARA								1007.4	-0.7	SW	3	28.0	39	-1	26	0	35	-4	1	—	—	0	1	8	33
	KHARTŪM								1007.0	-2.1	S	2	25.2	38	0	23	-2	84	+19	4	8	cs	9	10	91	62
	KASSALA								1010.0	-1.0	SSE	4	24.8	34	0	22	-1	76	+8	4	8	cb	1	dr	124	150
CENTRAL SUDAN	WAD MEDANI								1008.0	-2.7	SSE	2	23.7	33	-2	22	0	85	+16	3	—	—	1	3	361	175
	DUEIM								1007.9	-3.0	NE	2	24.6	36	+1	21	-1	83	+15	4	—	—		25	177	138
	RENK																									
	ROSEIRES								1009.8	-2.2	SW	2	24.7	33	+1	21	0	84	+4	2	—	—	5	42	508	400
	EL OBEID								1009.9	-2.2	SE	3	22.4	35	+2	21	-1	91	+16	4	8	Ns	6	1	243	350
	EL FĀSHER								—	—	W	2	27.5	39	+5	24	+3	54	-44	0	—	—	0	0	97	134
S. SUDAN	MALAKĀL								1013.1	+0.3	NE	1	20.8	27	-4	20	-1	91	+6	5	5	Sc	6	54	464	534
	WĀU								1010.6	-0.9	SW	2	24.4	31	-1	23	+3	80	-3	3	—	—	0	0	622	730
	JŪBA								1013.9	+1.1	NW	2	23.0	30	-1	20	0	91	+5	4	6	Fn	1	dr	747	681
	Geneina Gulubat								—	—	W	3	24.2	32	—	21	—	73	—	3	8	Ac	0	0	—	—

Upper Wind Observations on 30th (ارصاد الرياح العليا يوم ٣٠)

Height above M.S.L. metres	W. Halfa 06h.00m. Dir. E of N.	Kms per hour	Kareima 05h.00m. Dir. E of N.	Kms per hour	Khartoum 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	Juba 06h.00m. Dir. E of N.	Kms per hour	Geneina 06h.00m. Dir. E of N.	Kms per hour
200	20	6	—	—	—	—	—	—	—	—	—	—	—	—
500	120	24	180	47	190	31	—	—	—	—	10	8	—	—
1000	110	11	190	50	220	21	180	37	140	43	30	13	270	27
1500	110	11	210	43	140	24			170	19	100	10	300	42
2000	90	10			180	16			220	24	150	8	340	32
3000	50	11							350	27			0	35
4000														
5000														
6000														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

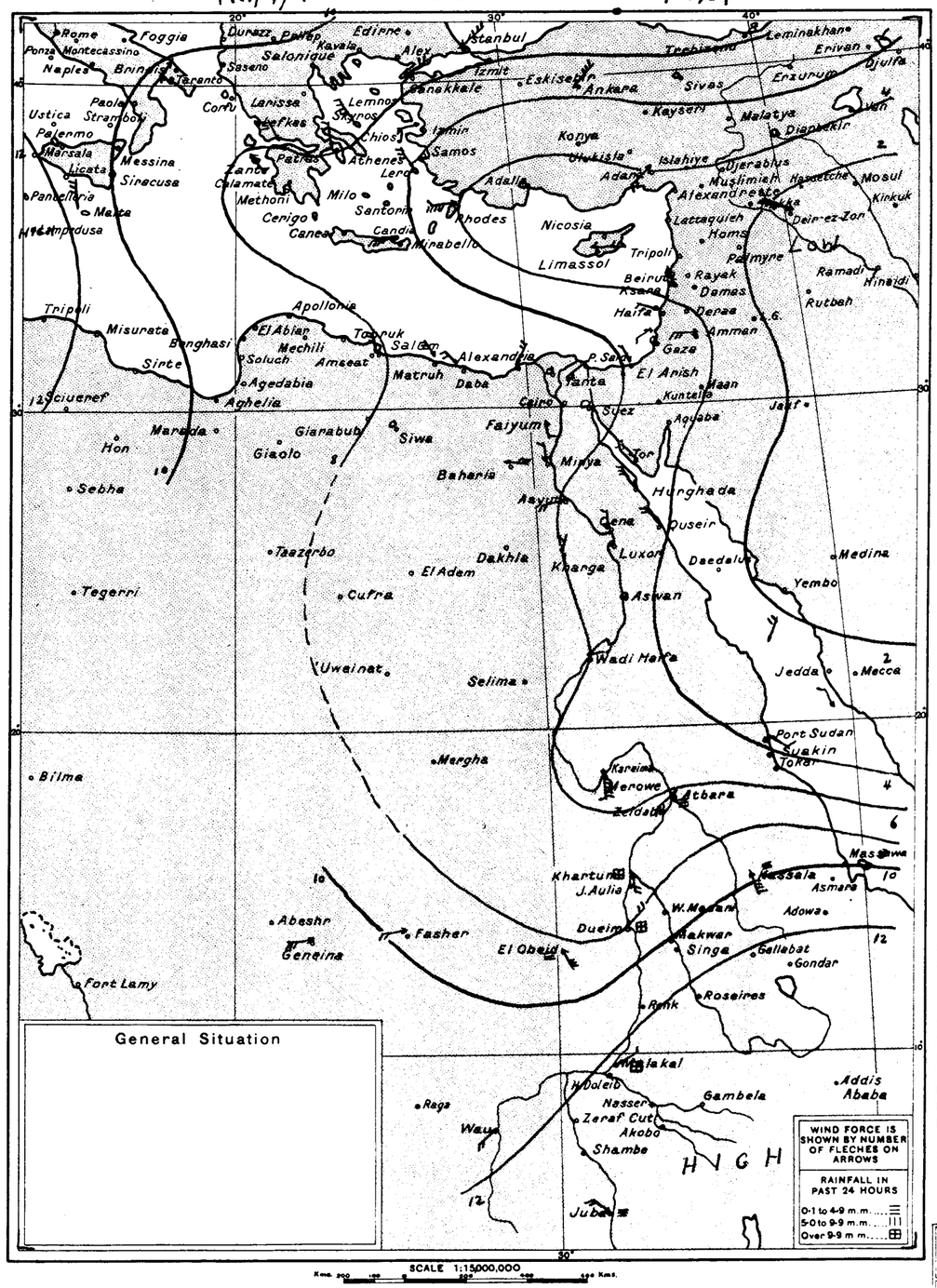
STATION	Mean of day Humidity % on 29th	Diff. from normal	Wet Bulb Temp. °C on 29th	Diff. from normal
Alexandria	87	+14	25.3	+2.8
Ezbekīya	50	-10	23.5	+0.7
Gīza	53	-9	22.8	+0.7
Helwān	27	-21	19.4	-0.6

Gīza Grass minimum on 30th 15.1°c

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

DATE	1937	1936
30.7	3242	4942
29.7	2774	4283

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	29.7	14.10	+0.45	14.05	+0.41
Nāsser	27.7	9.34	-0.06	9.30	-0.08
Malakāl	30.7	11.52	-0.02	11.47	-0.03
Roseires	30.7	17.71	-0.19	17.93	+0.21
Sennār Res.	30.7	17.18	—	17.22	—
Khartūm	30.7	14.10	+0.06	14.19	+0.40
Kh. el Girba	30.7	13.08	-0.47	13.70	-0.33
'Atbara	30.7	13.52	+0.45	13.58	+0.63
Kajnarti	30.7	13.80	+1.03	13.53	+0.98
Wādi Ḥalfa	30.7	5.16	+0.80	4.96	+0.75
Aswān Res.	30.7	97.50	—	97.74	—
,, D. S.	30.7	88.64	+0.50	88.17	+0.17
El Leisi	30.7	18.24	-0.07	18.20	+0.04
Rôda (Cairo)	30.7	15.82	-0.12	15.82	-0.10



STATION	At 8 h. on 29/7/1937. (١٩٣٧/٧/٢٩ 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.	معهد
Limassol	1003	-4	SE	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1005.1	-0.9	NSW	1	29.4	32	+1	24	+2	91	+22	0	—	—	—	0	365	647	حيفا
Gaza	1005.5	-1.3	—	0	28.3	35	+5	20	0	61	-11	0	9	—	—	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

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

CAIRO

Time of sunrise h. 05 m. 13

sunset h. 18 m. 49

Month *July* 1937 ١٩٣٧ شهر يوليه

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

DAILY WEATHER REPORT

No.	Region	Station	14h. on 30th (الساعة ١٤ يوم ٣٠) Bar. Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h. on Saturday 31st (الساعة ٨ يوم السبت ٣١) 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.
	MEDITERRANEAN	SALÛM	1009.0	NNE	4	26.7	75	0	7	1010.2	-0.2	—	—	24.0	27	—	21	—	84	—	0	6	Cu	—	0	105	—
		MATRÛH	1007.5	NNW	3	27.2	74	0	6	1009.4	-0.2	NW	2	25.9	27	-1	24	+3	82	+2	3	6	Sc	2	0	182	158
		DIKHEILA	1007.6	NW	4	28.2	79	0	8	1008.5	—	WNW	2	27.4	30	—	21	—	72	—	0	8	Cu	0	0	145	—
		ALEXANDRIA	1007.1	NE	5	30.0	67	0	9	1008.4	-1.2	NW	1	26.1	31	0	24	+1	81	+6	1	9	Cu	2	0	167	190
157		DAMIETTA								1008.0	—	SW	1	27.9	35	—	22	—	78	—	1	8	Cu	1	0	75	116
134		PORT SAÏD	1006.2	NNW	3	32.0	60	0	7	1008.2	+0.2	NW	2	28.3	33	+2	24	0	70	-3	1	7	Sc	0	0	38	82
135		EL 'ARÎSH	1005.6	NNW	3	29.7	82	0	7	1007.5	—	NNW	1	28.0	32	—	23	—	79	—	2	7	Cu	0	0	85	91
136	LOWER EGYPT	DAMANHÛR								1008.8	-0.1	WSW	2	28.7	34	+1	21	+2	66	-5	2	7	Cu	0	0	78	110
137		MANSÛRA								1007.8	—	S	1	27.3	37	+2	21	0	73	-3	0	8	—	0	0	45	57
138		TANTA	1006.0	NW	3	35.5	45	0	7	1008.4	-1.0	—	0	27.5	36	0	19	-1	74	0	0	7	—	0	0	54	48
		ZAGÂZÎG	1006.6	NNW	2	35.8	40	0	8	1007.6	—	WNW	1	27.8	36	+1	19	0	73	-4	0	8	—	0	0	20	28
	MIDDLE EGYPT — CAIRO	ALMÂZA	1006.7	NW	3	37.1	31	1	8	1008.2	—	N	3	27.7	38	—	21	—	70	—	1	8	Sc	1	0	23	—
		EZBEKÎYA	1005.3	—	0	37.3	35	0	8	1007.8	-1.3	N	1	27.9	39	+4	23	+2	82	+8	0	5	—	0	0	18	34
		GÎZA	1005.3	NNW	2	37.6	35	0	8	1007.9	-1.7	NE	2	27.2	39	+4	22	+2	83	+7	0	5	—	0	0	16	31
143		HELWÂN	1005.0	WNW	4	36.8	17	0	6	1007.4	-1.6	—	0	27.1	38	+3	23	+2	34	-33	0	6	—	0	0	17	35
144		SUEZ								1007.5	-1.1	N	1	27.8	40	+4	24	+1	71	-3	0	7	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1005.3	E	1	38.5	20	0	8	1007.8	-1.4	NNE	2	29.4	40	+4	23	+2	58	-9	0	7	—	0	0	6	11
154		MINYA	1005.0	NNE	2	38.1	18	0	8	1007.4	-0.9	NE	1	32.2	39	+2	23	+2	31	-35	0	8	—	0	0	16	—
155		ASYÛT	1005.0	WSW	3	38.8	13	0	8	1007.0	-1.1	SW	2	31.0	40	+3	25	+2	40	-10	0	7	—	0	0	tr	5
156		QENA	1003.6	SW	5	41.2	15	0	9	1006.4	0.0	NNW	1	32.0	42	+1	24	0	30	-11	0	8	—	0	0	tr	—
157		LUXOR	1003.2	WSW	2	42.0	23	0	8	1005.5	—	SE	1	34.5	44	—	22	—	29	—	0	8	—	0	0	tr	—
158		ASWÂN	1001.6	—	0	44.2	20	0	8	1006.4	-1.8	—	0	33.0	46	+4	28	+2	23	-9	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1005.5	—	0	39.5	24	0	6	1009.4	-1.3	—	0	26.1	42	+4	22	+1	79	+17	0	6	—	0	0	29	7
149		BAHARÎYA	1005.3	WNW	2	40.3	25	0	9	1008.4	—	NE	1	31.6	41	—	24	—	51	—	0	9	—	0	0	26	—
151		KHÂRGA	1003.4	—	—	41.9	25	0	9	1006.4	-1.4	N	2	34.3	42	+2	23	+1	37	-6	0	9	—	0	0	0	tr
152		DÂKHLA	1005.1	NNE	2	40.3	23	0	9	1008.3	-0.6	—	0	31.0	41	+1	22	-1	32	-1	0	9	—	0	0	tr	—
145	RED SEA	TÔR	1003.8	NW	3	36.2	29	0	6	1006.4	+0.4	NW	2	30.2	38	+4	22	-2	67	-7	0	6	—	0	0	14	14
146		HURGHÂDA								1006.3	-0.1	NNW	2	32.7	37	+2	25	0	50	-3	0	7	—	1	0	tr	1
147		QUSEIR	1005.3	NE	2	33.9	56	0	6	1005.5	-0.4	NNW	2	34.1	36	+2	28	+1	41	-6	0	6	—	0	0	1	7
169		PORT SUDAN								1004.2	-1.0	W	3	—	—	—	—	—	—	—	3	—	—	0	0	43	118
165	NORTH SUDAN	WÂDI HALFA								1007.9	0.0	NE	2	31.2	43	+2	26	+3	34	+7	2	7	Ci	1	—	—	—
166		KAREIMA								1006.7	-1.4	SSW	4	31.0	42	0	28	+1	48	+9	2	8	As,Ci	8	tr	1	13
167		'ATBARA								1007.0	-1.1	SW	3	30.0	38	-2	26	0	28	-11	0	—	—	0	0	8	33
168		KHARTÛM								1009.3	+0.1	SSW	5	26.1	34	-4	23	-2	76	+11	1	8	Ac,Ci	0	tr	91	63
170		KASSALA								1009.8	-1.8	SSE	4	26.2	33	-1	23	0	76	+7	2	8	Ac	0	0	124	153
171	CENTRAL SUDAN	WAD MEDANI								1009.9	-0.8	S	2	25.0	30	-5	22	0	83	+14	3	—	—	2	0	361	179
173		DUEIM								1009.8	-1.1	S	4	24.8	28	-7	22	0	80	+11	3	—	—	1	0	177	141
		RENK																									
172		ROSEIRES								1011.0	-1.0	SSW	2	24.4	30	-2	22	+1	87	+7	2	—	—	2	1	509	406
174		EL OBEID								1010.0	-2.1	SE	3	23.8	28	-5	21	-1	67	-8	2	8	Ac	1	tr	243	153
175		EL FÂSHER								—	—	SW	—	25.5	40	+6	23	+2	69	+1	3	—	—	0	0	97	138
176	S. SUDAN	MALAKÂL								1012.2	-0.6	SSW	1	22.5	—	—	20	-1	91	+6	4	7	Sc	2	27	491	540
177		WÂU								1010.8	-0.7	SW	3	23.5	29	-3	20	0	85	+2	3	—	—	1	2	624	737
178		JÛBA								1013.7	+0.9	SE	2	22.9	31	0	22	+2	91	+5	5	3	Sc	5	6	747	686
179		Geneina								—	—	SW	4	20.8	32	—	18	—	91	—	3	8	Sc	0	37	—	—
180		Gallabat																									

Upper Wind Observations on 31st — ارصاد الرياح العليا يوم ٣١

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Helwan 08h.15m. 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 06h.00m. Dir.	Kms.	Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Geneina 06h.00m. Dir.	Kms.	AbuKir 07h.00m. Dir.	Kms.	Almaza 30th 12h.00m. Dir.	Kms.
200	340	13	290	11	340	6	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	280	14	310	16
	140	38	280	15	40	22	90	19	0	19	80	21	170	47	190	37	—	—	—	—	190	24	260	13	—	—	350	18	340	8
	100	8	10	19	330	15	60	6	40	16	50	24	130	31	170	32	190	50	210	35	190	47	270	27	230	27	350	14	340	15
	0	13	290	4	300	12	0	16	310	2	20	24	110	27	180	34	180	29	170	29	190	40	280	34	290	43	290	43	340	28
	330	14			300	38	0	18			10	19	100	13	180	58	210	21	210	27			270	37	320	56	280	43	340	26
3000											340	18	180	5	180	21	90	16					290	31	50	34	calm		340	22
4000																							330	32						
5000																														
6000																														

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 30th	Diff. from normal	Wet Bulb Temp. °C on 30th	Diff. from normal
Alexandria	81	+8	24.5	+2.0
Ezbekîya	60	0	24.8	+2.0
Gîza	63	+1	24.7	+2.6
Helwân	39	-9	21.0	+1.0

Gîza Grass minimum on 31st 19.2 °C

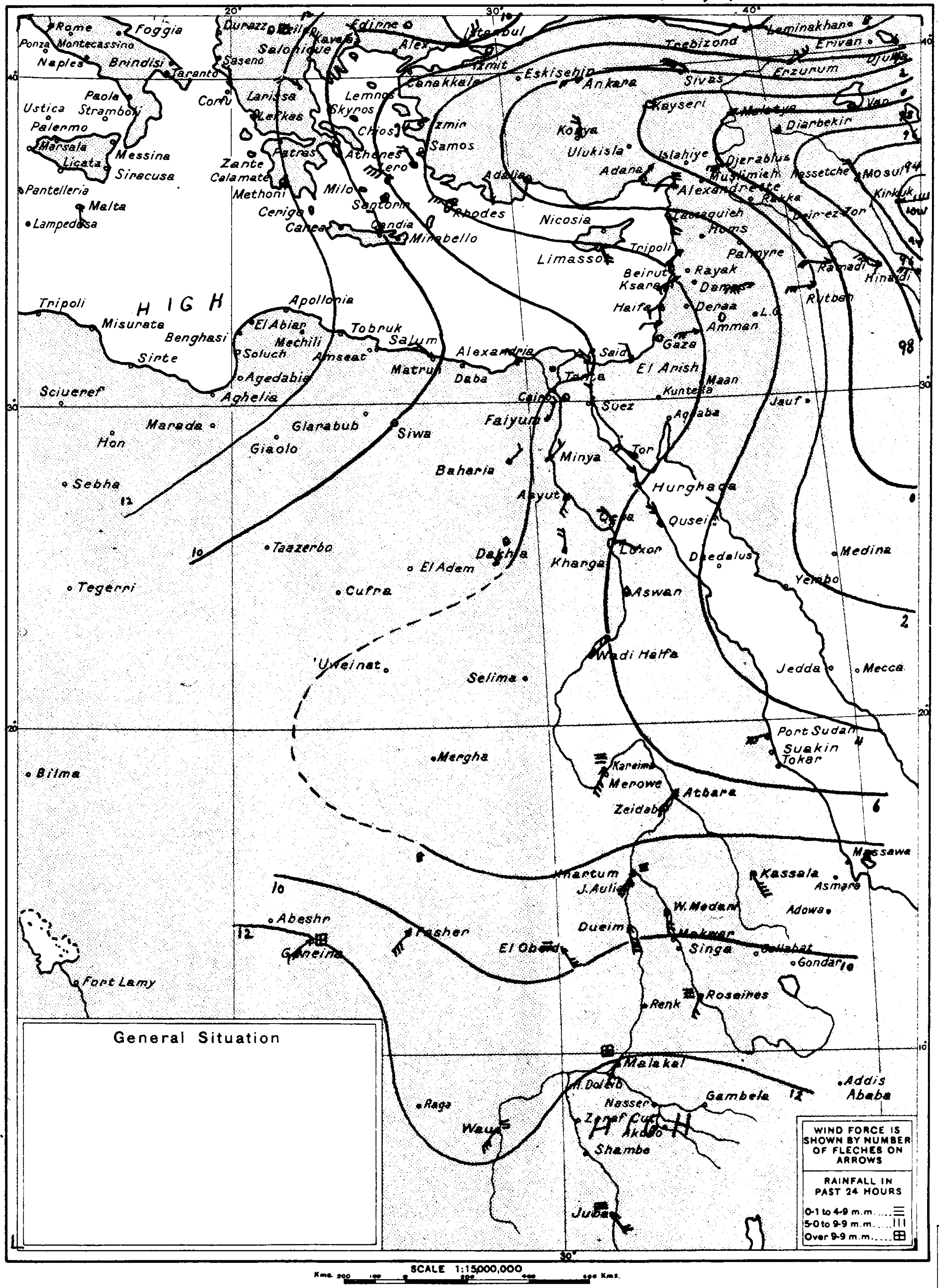
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
31.7	3639	4883
30.7	3242	4942

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30.7	13.96	+0.31	14.10	+0.45
Nâsser	27.7	9.34	-0.06	9.30	-0.08
Malakâl	31.7	11.69	+0.13	11.52	-0.02
Roseires	31.7	17.83	-0.25	17.71	-0.19
Sennâr Res.	30.7	17.18	—	17.22	—
Khartûm	30.7	14.10	+0.16	14.19	+0.40
Kh. el Girba	30.7	13.08	-0.47	13.20	-0.33
'Atbara	30.7	13.52	+0.45	13.58	+0.63
Kajnarti	31.7	138.21	+1.22	137.80	+1.03
Wâdi Halfa	31.7	5.38	+0.89	5.16	+0.80
Aswân Res.	31.7	97.02	—	97.50	—
,, D.S.	31.7	89.01	+0.74	88.64	+0.50
El Leisi	31.7	18.30	-0.10	18.24	-0.07
Rôda (Cairo)	31.7	15.88	-0.09	15.82	-0.12

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

١٩٣٧-٧-٣١ Pressure and Wind at 8h. 31-7-1937



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

Station	At 8h. on 30-7-1937 (الساعة ٨ يوم ١٩٣٧-٧-٣٠) 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. To day °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	-3	E	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1006.2	+0.2	WNW	1	29.4	32	+1	25	+3	90	+21	0	—	—	—	0	365	647	حيفا
Gaza	1005.9	-0.9	—	0	28.0	36	+6	21	+1	55	-17	0	9	—	0	0	395	376	غزة

Remarks

ANNUAL SUBSCRIPTION

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

Abroad ..... P.T. 150

CAIRO

Time of sunrise h. 05 m. 14

sunset h. 18 m. 48

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month August 1937 — ١٩٣٧ شهر أغسطس — ١٩٣٧-٨-١

1417 F.C.

At 14h. on 31-7 — الساعة ١٤ يوم

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERR. SALÛM	1010.8	NNE	4	28.0	67	o	7
	MATRÛH	1007.5	NNW	3	26.6	85	o	6
	DIKHEILA							
	ALEXANDRIA	1008.6	NW	4	29.8	60	o	9
159	DAMIETTA							
134	PORT SAÏD	1008.0	NW	3	31.4	60	o	7
135	EL 'ARÎSH	1007.5	NNW	3	27.4	77	o	7
136	LOWER EGYPT DAMANHÛR							
137	MANSÛRA							
138	TANTA	1007.6	S	3	36.0	45	o	7
	ZAGAZIG	1007.9	NNW	2	34.8	42	o	8
	MIDDLE EGYPT CAIRO ALMAZA	1007.6	NW	4	35.9	33	o	8
	EZBEKÎYA	1007.2	NNW	2	35.7	35	o	8
	GÎZA	1007.0	NNE	1	36.2	35	o	7
143	HELWÂN	1006.2	NNW	3	35.1	24	o	6
144	SUEZ	1007.0	N	3	37.0	30	o	7
153	UPPER EGYPT FAIYÛM	1006.8	NNW	3	37.7	26	o	7
154	MINYA	1006.4	NNW	2	38.8	20	o	9
155	ASYÛT	1005.5	WNW	3	39.6	18	o	8
156	QENA	1004.8	SSW	1	41.2	22	o	9
157	LUXOR	1004.3	NNE	2	42.4	26	1	8
158	ASWÂN	1003.0	N	3	43.0	14	1	8
148	WESTERN DESERT SÎWA	1008.2	—	o	36.5	34	o	6
149	BAHARÎYA	1006.6	NNW	1	38.3	28	o	9
151	KHÂRGA	1004.8	NE	1	41.3	13	o	9
152	DÂKHLA	1006.4	NNE	1	40.6	24	o	9
145	RED SEA TÛR	1004.7	NW	3	34.9	28	o	6
146	HURGHÂDA							
147	QUSEIR	1005.3	NE	2	34.1	58	o	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	JUBA							
179	Genéina							
180	Gallabat							

At 8h. on Sunday 1st — الساعة ٨ يوم الأحد

	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.
	MEDITERR. SALÛM	1011.8	+1.4	NNW	3	25.0	29	—	21	—	77	—	o	7	—	o	o	105	—
	MATRÛH	1009.8	+0.2	WNW	4	26.1	27	-1	22	+1	85	+5	o	6	—	o	o	182	158
	DIKHEILA	1007.2	—	WNW	4	26.4	29	—	26	—	74	—	3	8	Cu	2	o	145	—
	ALEXANDRIA	1009.0	-0.6	NW	3	26.3	31	o	24	+1	72	-3	2	9	Cu	2	o	167	190
	DAMIETTA	1008.0	—	WNW	2	28.2	33	—	21	—	76	—	1	8	Cu	1	o	75	116
159	PORT SAÏD	1008.0	0.0	SW	3	27.4	32	+1	25	+1	76	+3	1	7	Cu	1	o	38	82
134	EL 'ARÎSH	1007.5	—	WSW	2	29.0	31	—	23	—	78	—	o	7	—	o	o	85	91
135	LOWER EGYPT DAMANHÛR	1009.1	+0.2	WSW	3	28.1	34	+1	21	+2	68	-3	3	7	Cu	o	o	78	110
136	MANSÛRA	1008.2	—	W	2	26.8	36	+1	20	-1	77	o	1	7	Cs	1	o	45	57
137	TANTA	1008.8	-0.6	NW	2	27.0	36	o	19	-2	77	+3	3	6	Cu	2	o	54	48
138	ZAGAZIG	1008.7	—	SW	2	27.4	35	o	19	o	76	-1	1	8	Cs	1	o	20	28
	MIDDLE EGYPT CAIRO ALMAZA	1009.4	—	—	o	25.8	36	—	20	—	78	—	3	7	Sc	1	o	23	—
	EZBEKÎYA	1009.0	-0.1	WNW	2	25.7	37	+2	22	+1	80	+6	2	5	Cu	1	o	18	34
	GÎZA	1009.1	-0.5	N	2	25.6	37	+2	19	-1	80	+4	2	6	Cu	1	o	16	31
143	HELWÂN	1008.7	-0.3	NW	2	25.0	36	+1	21	o	64	-3	6	4	—	o	o	17	35
144	SUEZ	1008.8	+0.3	N	2	26.8	38	+2	24	+1	65	-10	o	7	—	o	o	13	26
153	UPPER EGYPT FAIYÛM	1009.1	-0.1	NNW	2	27.0	39	+3	21	o	65	-2	o	6	—	o	o	6	11
154	MINYA	1008.7	+0.4	N	2	28.8	40	+4	23	+2	58	-8	o	8	—	o	o	16	—
155	ASYÛT	1008.4	+0.3	SW	2	30.0	41	+4	24	+1	47	-3	o	7	—	o	o	dr	5
156	QENA	1007.4	+1.0	NNW	1	32.3	43	+2	25	+1	37	-4	o	8	—	o	o	dr	—
157	LUXOR	1006.7	—	—	o	34.7	44	—	25	—	35	—	o	8	—	o	o	dr	—
158	ASWÂN	1006.7	-0.5	—	o	34.0	45	+3	27	+1	29	-3	o	8	—	o	o	1	—
148	WESTERN DESERT SÎWA	1011.2	+0.5	—	o	26.1	38	o	21	o	72	+11	o	6	—	o	o	29	7
149	BAHARÎYA	1010.0	—	N	1	28.3	40	—	23	—	59	—	o	9	—	o	o	26	—
151	KHÂRGA	1007.8	0.0	—	o	32.6	43	+3	23	+1	27	-16	o	9	—	o	o	o	dr
152	DÂKHLA	1009.3	+0.4	NW	1	31.0	42	+2	26	+3	29	-4	o	9	—	o	o	dr	—
145	RED SEA TÛR	1006.7	+0.7	NW	5	29.0	37	+3	27	+3	74	o	o	6	—	o	o	14	14
146	HURGHÂDA	1006.7	+0.3	NNW	3	33.4	37	+2	27	+2	48	-5	o	6	—	1	o	dr	1
147	QUSEIR	1006.0	+0.1	N	2	32.9	37	+3	29	+2	61	+15	o	6	—	o	o	1	7
169	PORT SUDAN	1004.2	-1.1	WSW	7	—	—	—	—	—	—	—	6	—	—	8	o	43	118
165	NORTH SUDAN WÂDI HALFA	1008.4	+0.5	SE	5	33.0	44	+3	26	+3	28	+1	o	5	—	4	—	—	
166	KAREIMA	1009.3	+1.2	ENE	3	31.6	40	-2	29	+2	45	+5	3	5	Ac,Ci	1	o	1	13
167	'ATBARA	1009.5	+1.4	SW	2	32.8	39	-1	28	+2	23	-16	2	—	—	o	o	8	34
168	KHARTÛM	1010.1	+0.9	S	3	27.3	34	-4	25	o	77	+11	3	8	As	1	o	91	65
170	KASSALA	1010.8	-0.8	S	4	25.3	35	+1	23	o	76	+7	2	8	As,Ac	o	dr	124	156
171	CENTRAL SUDAN WAD MEDANI	1011.8	+1.1	SSE	2	25.5	32	-3	23	+1	73	+4	3	—	—	2	dr	361	183
173	DUEIM	1011.4	+0.4	SE	3	26.2	32	-3	24	+2	75	+6	4	—	—	2	o	177	145
	RENK																		
172	ROSEIRES	1012.3	+0.4	SW	2	23.5	32	o	23	+2	87	+7	4	—	—	2	11	520	412
174	EL OBEID	1011.5	-0.6	S	3	23.6	32	-1	22	+1	83	+8	4	8	As,Cu	1	o	243	156
175	EL FÂSHER	—	—	SW	1	26.0	36	+2	23	+3	64	o	o	—	—	o	o	97	141
176	S. SUDAN MALAKÂL	1012.7	-0.1	S	2	23.0	29	-2	21	o	91	+6	4	8	Ac	2	1	472	546
177	WÂU	1012.6	+1.1	SW	2	23.0	30	-2	21	+1	88	+5	3	—	—	1	o	624	743
178	JUBA	1015.1	+2.3	NE	2	21.3	29	-2	20	o	100	+13	8	2	St	5	dr	747	690
179	Genéina	—	—	W	1	21.3	31	—	21	—	91	—	4	8	Fn	1	1	—	—
180	Gallabat																		

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

Height above M.S.L. metres	Salum 07h. 00m. Dir. E of N.	Kms. per hour	Dikheila 07h. 30m. 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	H. 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 06h. 00m. Dir. E of N.	Kms. per hour	Obeid 06h. 00m. Dir. E of N.	Kms. per hour	Malakal 06h. 00m. Dir. E of N.	Kms. per hour	Juba 06h. 00m. Dir. E of N.	Kms. per hour	Cairo 31-7 11h. 15m. Dir. E of N.	Kms. per hour	Salum 31-7 13h. 00m. Dir. E of N.	Kms. per hour
200	340	17	310	26	330	10	320	15	—	—	—	—	120	19	—	—	—	—	—	—	—	—	—	—	—	—	10	8	20	23
500	—	—	320	13	10	7	0	8	20	19	0	28	110	16	120	14	180	40	—	—	—	—	—	—	—	—	20	18	—	—
1000	10	24	300	24	320	23	320	20	0	21	340	42	70	31	130	24	190	36	240	34	200	39	220	27	200	10	290	19	270	2
1500	350	30	310	26			320	30	340	19	350	30	40	24	220	11	170	11	250	23	260	6	220	35	260	6	300	31	350	11
2000	350	19					290	41	290	21	340	21	0	18	240	10	160	13	260	24			260	29	260	14	Calm		10	18
3000															60	13			20	24			210	35						
4000																														
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

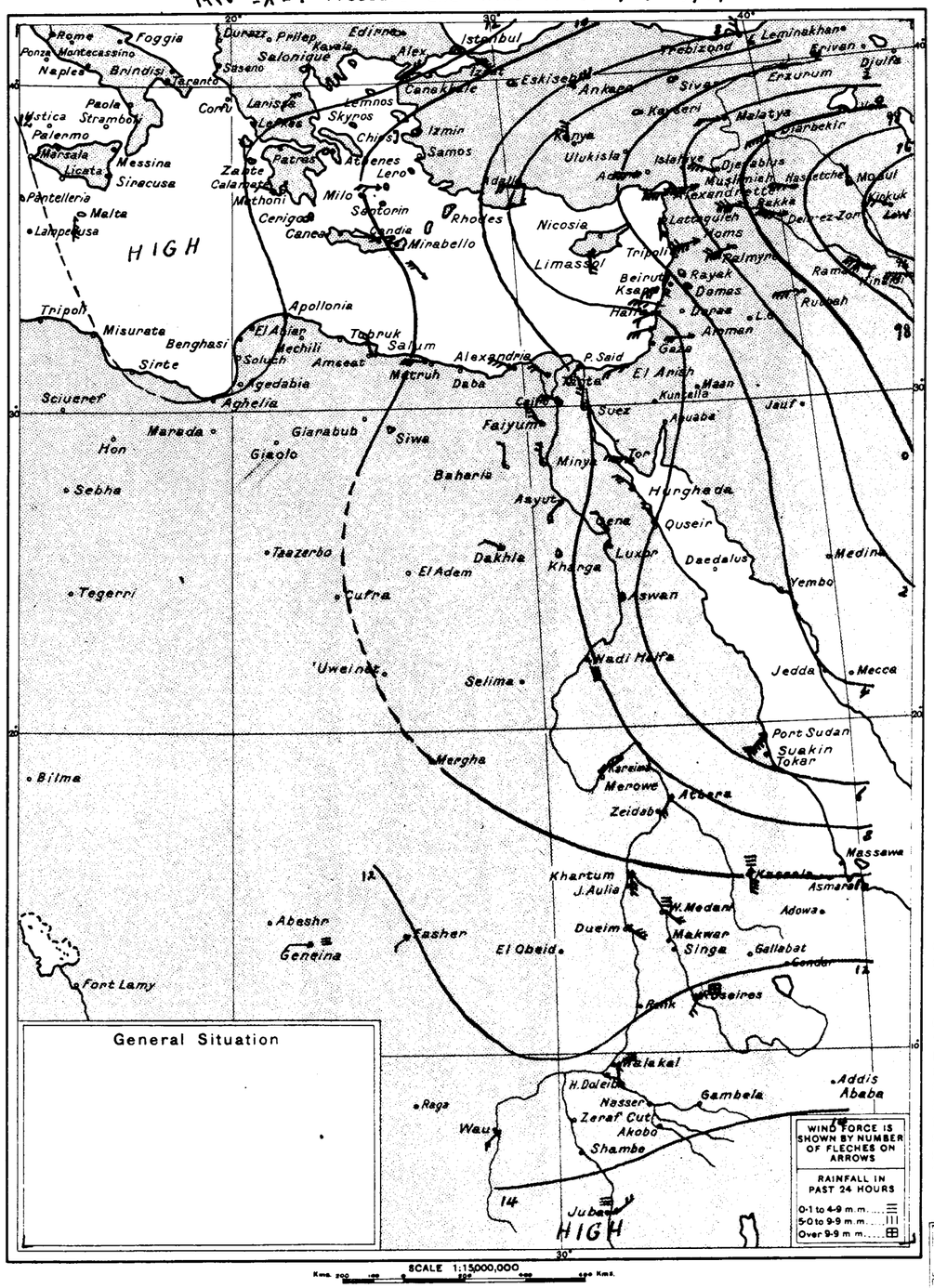
STATION	Mean of day Humidity % on 31-7	Humidity Diff. from normal	Wet Bulb Temp. °C on 31-7	Wet Bulb Temp. Diff. from normal
Alexandria	80	+7	23.8	+1.3
Ezbekiya	63	+3	24.0	+1.2
Gîza	65	+2	24.2	+2.1
Helwân	32	-16	20.4	+0.3

Gîza Grass minimum on 1st 14.9°C

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

DATE	1937	1936
1.8	3624	4755
31.7	3639	4883

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1.8	13.81	+0.15	13.94	+0.28
Nâsser	27.7	9.34	-0.06	9.30	-0.08
Malakâl	1.8	11.73	+0.16	11.69	+0.13
Roseires	1.8	17.82	-0.41	17.63	-0.25
Sennâr Res.	31.7	17.20	—	17.18	—
Khartûm	31.7	14.03	-0.04	14.10	+0.16
Kh. el Girba	31.7	12.24	-1.34	13.08	-0.47
'Atbara	31.7	13.38	+0.20	13.52	+0.45
Kajnarti	1.8	138.70	+1.55	138.21	+1.22
Wâdi Halfa	1.8	5.71	+0.99	5.38	+0.69
Aswân Res.	1.8	97.00	—	97.02	—
,, D. S.	1.8	89.11	+0.66	89.01	+0.74
El Leisi	1.8	18.34	-0.16	18.30	-0.10
Rôda (Cairo)	1.8	15.91	-0.09	15.88	-0.07



General Situation

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.

At 8h. on 31-7-1937 — الساعة ٨ يوم ١٩٣٧-٧-٣١

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.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1007	0	SE	2	27	—	—	—	—	—	—	o	—	—	—	—	—	—	ليماسول
Haifa	1007.1	+1.1	WSW	1	29.8	32	+1	24	+2	84	+2	o	—	—	—	o	365	647	حيفا
Gaza	1006.7	-0.2	—	o	26.8	35	+6	21	+1	74	+2	o	9	—	o	o	395	376	غزه

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

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. 05 m. 15
sunset h. 18 m. 48

Month *August* 1937 ١٩٣٧ شهر أغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 1st — الساعة ١٤ يوم ١ ; At 8h. on Monday 2nd — الساعة ٨ يوم الاثنين ٢

	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	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: SALÛM	1011.6	NNE	5	29.3	54	0	8	1010.4	0.0	NW	3	25.0	31	—	23	—	80	—	0	7	—	0	0	105	—
	MATRÛH	1010.8	NW	4	26.3	90	0	6	1008.4	-1.2	WNW	4	26.3	28	0	22	+1	84	+4	0	6	—	0	0	182	158
	DIKHEILA								1007.5	—	NW	5	27.5	31	—	26	—	75	—	0	7	—	0	0	145	—
	ALEXANDRIA	1008.4	W	5	31.0	61	0	8	1007.2	-2.4	WNW	4	26.9	31	0	25	+2	72	-3	0	9	—	0	0	167	190
131	DAMIETTA								1006.2	—	SW	1	28.3	34	—	22	—	80	—	0	8	—	0	0	75	116
134	PORT SAÏD	1007.2	NW	3	32.4	58	0	7	1006.2	-1.8	WSW	3	26.7	33	+2	25	+1	82	+9	0	7	—	0	0	38	82
135	EL 'ARÎSH	1006.7	NNW	3	30.0	80	0	7	1005.9	—	WSW	1	29.2	32	—	26	—	78	—	0	7	—	0	0	85	91
136	LOWER EGYPT: DAMANHÛR								1007.1	-1.8	NNW	2	28.4	33	0	21	+2	69	-2	0	8	—	0	0	78	110
137	MANSÛRA								1006.4	—	W	1	26.7	35	0	21	0	75	-2	0	8	—	0	0	45	57
138	TANTA	1007.2	NW	3	33.7	49	0	7	1009.9	+0.4	NW	2	27.0	34	-2	20	-1	77	+3	0	7	—	0	0	54	48
	ZAGÂZÎG	1007.6	WNW	2	33.3	47	0	8	1007.6	—	NNW	1	27.8	34	-1	20	+1	74	-3	0	8	—	0	0	20	28
	MIDDLE EGYPT: CAIRO ALMÂZA	1008.2	NW	4	34.9	41	0	8	1008.2	—	WSW	2	26.8	35	—	21	—	78	—	3	7	Sc	1	0	25	—
	CAIRO EZBEKÎYA	1007.4	—	0	34.0	36	0	8	1007.6	-1.6	WSW	1	27.0	36	+1	23	+2	82	+8	2	5	Cu	1	0	18	34
	CAIRO GÎZA	1007.2	WNW	2	34.8	39	0	8	1007.5	-2.1	W	1	26.4	37	+2	20	0	80	+4	3	6	Sc	1	0	16	31
143	HELWÂN	1007.0	NW	4	32.8	34	0	8	1007.9	-1.1	—	0	25.1	35	0	22	+1	81	+14	3	5	Cc	1	0	17	35
144	SUEZ	1006.8	S	1	34.0	45	0	7	1007.2	-1.3	N	2	28.8	38	+2	24	+1	59	-16	0	7	—	1	0	13	26
153	UPPER EGYPT: FAIYÛM	1008.0	NNW	2	34.5	34	0	8	1008.0	-1.2	NNE	1	27.7	37	+1	21	0	71	+4	2	6	Cu	0	0	6	11
154	MINYA	1007.5	N	3	36.4	29	0	7	1008.3	-0.1	NNW	2	26.0	37	+1	22	+1	67	+1	0	9	—	0	0	16	—
155	ASYÛT	1007.0	WNW	3	37.5	22	0	8	1007.8	-0.4	WNW	2	27.2	39	+2	22	-1	61	+11	0	7	—	0	0	dr	5
156	QENA	1005.0	WSW	5	42.2	19	0	9	1006.4	0.0	WSW	3	32.0	43	+2	25	+1	33	-8	0	8	—	0	0	dr	—
157	LUXOR	1004.8	HNW	4	42.0	28	0	8	1005.9	—	—	0	33.3	42	—	22	—	39	—	1	8	As	1	0	dr	—
158	ASWÂN	1003.9	—	0	42.4	24	0	8	1007.0	-0.2	NNW	1	32.2	45	+3	27	+1	34	+2	1	8	Ci	1	0	1	—
148	WESTERN DESERT: SÎWA	1009.8	—	0	37.9	42	0	6	1011.2	+0.5	—	0	26.7	39	+1	21	0	69	+8	0	6	—	0	0	29	7
149	BAHARÎYA	1008.7	NW	2	35.4	34	0	9	1009.6	—	NNW	1	27.3	37	—	20	—	56	—	0	9	—	0	0	26	—
151	KHÂRGA	1005.9	N	1	42.0	12	0	9	1007.9	+0.1	N	2	30.3	43	+3	27	+5	44	+1	0	9	—	0	0	•	dr
152	DÂKHLA	1007.4	NNW	2	39.2	29	0	9																		—
145	RED SEA: TÔR	1005.5	NW	4	35.0	44	0	6	1005.0	-1.0	NW	4	29.8	40	+6	27	+3	81	+7	0	6	—	0	0	14	14
146	HURGHÂDA								1005.3	-1.1	NNW	3	31.4	37	+2	26	+1	56	+3	0	6	—	1	0	dr	1
147	QUSEIR	1005.6	NNE	3	32.8	68	0	6	1005.4	-0.5	NNW	2	32.7	35	+1	28	+1	56	+10	0	6	—	0	0	1	7
169	PORT SUDAN								1005.5	+0.2	W	2	—	—	—	—	—	—	—	1	—	—	0	0	43	118
165	NORTH SUDAN: WÂDI HALFA								1008.1	+0.1	N	3	32.0	43	+2	27	+4	24	-4	4	8	Cs	1	—	—	—
166	KAREIMA								1009.9	+1.7	SSW	4	27.6	41	-1	25	-2	67	+27	2	8	Ac	0	0	1	14
167	'ATBARA								1010.3	+2.1	S	2	26.2	39	-1	21	-5	46	+7	1	—	—	0	13	21	35
168	KHARTÛM								1010.9	+1.7	S	3	24.0	35	-3	22	-3	83	+17	3	8	Sc,Ac	8	5	96	67
170	KASSALA								1012.6	+1.0	SE	4	22.0	31	-3	19	-4	91	+22	5	8	Sc	1	26	150	160
171	CENTRAL SUDAN: WAD MEDANI								1012.4	+1.7	ENE	1	23.8	32	-3	22	0	75	+6	4	—	—	2	0	361	188
173	DUEIM								1013.1	+2.1	N	3	23.0	31	-4	22	0	90	+21	4	—	—	8	4	181	148
182	RENK																									
172	ROSEIRES								1011.9	0.0	WNW	2	23.3	28	-4	21	0	87	+7	3	—	—	2	dr	520	419
174	EL OBEID								1011.7	-0.4	S	3	24.1	33	0	22	+1	83	+8	4	7	Ac,As	1	dr	243	160
175	EL FÂSHER								—	—	SW	1	25.5	35	+1	22	+2	84	+15	0	—	—	0	5	102	146
176	S. SUDAN: MALAKÂL								1012.4	-0.4	SSE	1	22.3	28	-3	21	0	91	+6	4	8	As	6	3	495	552
177	WÂU								1012.6	+1.1	NE	2	23.0	33	+1	22	+2	95	+12	3	—	—	0	\0	624	750
178	JÛBA								1014.0	+1.2	SE	3	22.8	32	+1	20	0	91	+4	8	6	St,Cs	1	dr	747	693
179 180	Geneina Gallabat								—	—	SW	2	23.0	30	—	21	—	91	—	4	7	Fn,Sc	1	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.	Cairo 06h.00m. Dir.	Kms.	Helwan 09h.16m. 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.	Geneina 06h.00m. Dir.	Kms.	Salum 1st 13h.00m. Dir.	Kms.	Almaza 1st 12h.00m. Dir.	Kms.
200	320	20	290	30	260	10	280	6	—	—	—	—	280	8	—	—	—	—	—	—	—	—	—	—	—	—	20	23	320	14
500	—	—	330	48	270	10	300	17	340	18	350	27	120	10	160	26	90	40	—	—	—	—	170	14	—	—	—	—	300	15
[illegible]	20	28	0	42			150	5	330	26	350	25	30	27	190	29	90	80	200	21	240	39	160	18	290	8	330	13	270	17
[illegible]	20	66	10	48			80	5	320	29	300	24	0	24			80	24	210	24	210	14			250	31	340	22	320	29
[illegible]	20	14	0	60			90	19					340	23			70	18	200	26	—	14			300	21			290	21
3000							0	35					310	23							90	23			0	21			300	27
4000							350	37					310	16							120	23			0	34				
5000							10	24																	60	43				
6000																									90	43				

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day: Humidity % on 1st	Diff. from normal	Wet bulb temp. °C on 1st	Diff. from normal
Alexandria	68	-4	23.6	+1.0
Ezbekîya	65	+4	23.4	+0.6
Gîza	67	+4	23.7	+1.6
Helwân	52	+3	21.4	+1.3

Gîza Grass minimum on 2nd 15.2 °C

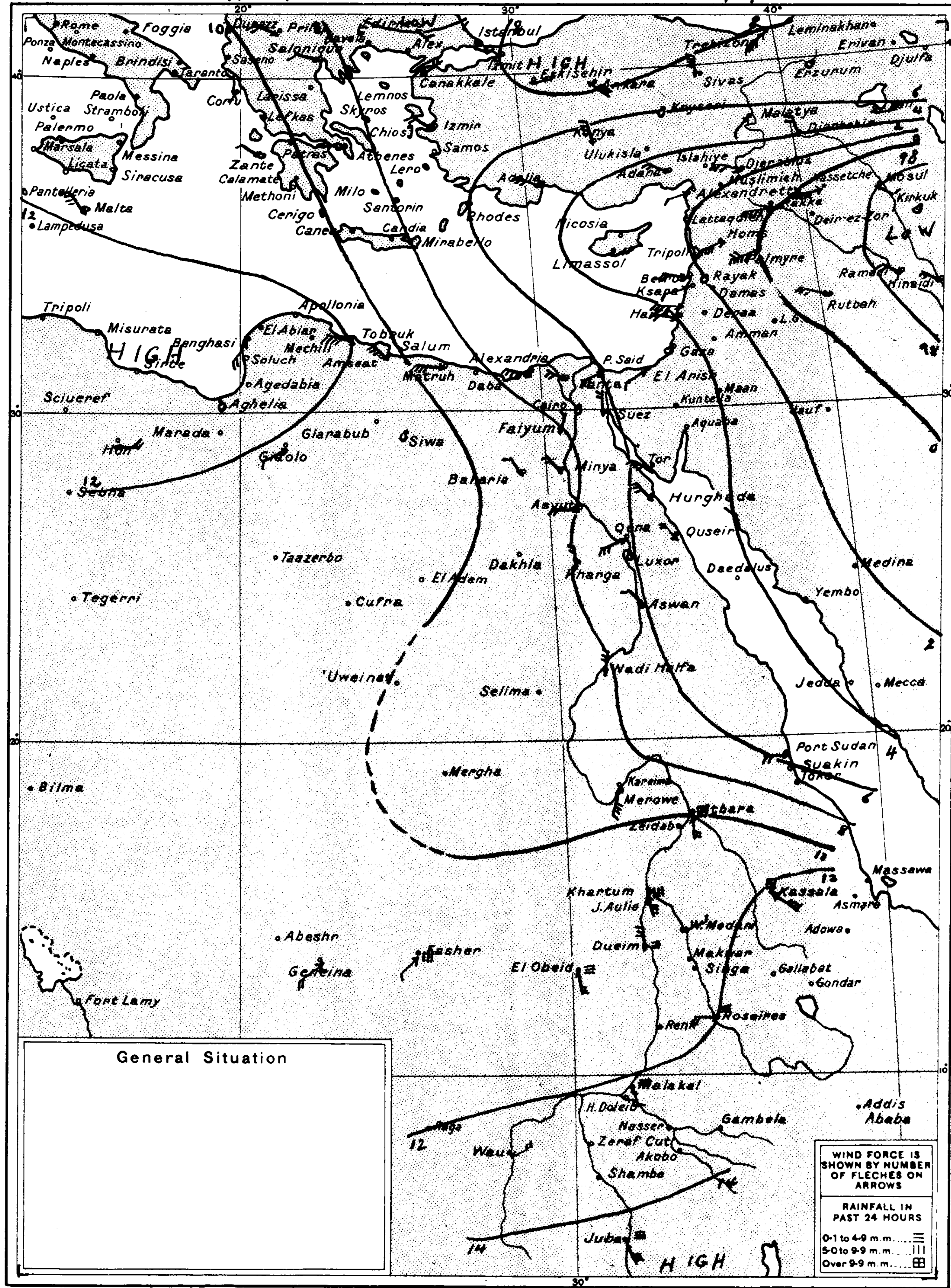
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
2.8	4154	4637
1.8	3824	4755

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2.8	13.74	+0.08	13.81	+0.15
Nâșser	29.7	9.40	-0.04	9.38	-0.04
Malakâl	2.8	11.74	+0.15	11.73	+0.16
Roșeireș	2.8	16.68	+0.26	17.82	-0.41
Sennâr Res.	1.8	17.20	—	17.20	—
Kharțûm	2.8	14.10	-0.20	14.01	-0.19
Kh. el Girba	1.8	13.05	-0.57	12.24	-1.34
'Ațbara	1.8	13.42	+0.15	13.38	+0.20
Kajnarti	1.8	138.70	+1.55	138.21	+1.22
Wâdi Halfa	2.8	6.00	+1.10	5.71	+0.99
Aswân Res.	2.8	97.00	—	97.00	—
,, D.S.	2.8	89.40	+0.82	89.11	+0.66
El Leisi	2.8	18.46	-0.18	18.34	-0.16
Rôda (Cairo)	2.8	15.91	-0.15	15.91	-0.09

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

Pressure and Wind at 8h. 2-8-1937 — ١٩٣٧-٨-٢



General Situation

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
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 1-8-1937 — الساعة ٨ يوم ١-٨-١٩٣٧

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. 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	1005	-2	S	2	28	—	—	—	—	—	—	•	—	—	—	—	—	—	لماسول
Haifa	1007.0	+1.0	WSW	1	29.2	32	+1	24	+2	84	+16	•	—	—	—	0	365	647	حيفا
Gaza	1007.5	+0.6	—	0	26.9	34	+4	22	+2	76	+4	2	6	—	1	0	395	376	غزة

Remarks

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

CAIRO

Time of sunrise h. 05 m. 15
sunset h. 18 m. 47

Month *August* 1937 ١٩٣٧ شهر اغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 2nd — الساعة ١٤ يوم ٢ ; At 8h. on Tuesday 3rd — الساعة ٨ يوم الثلاثاء ٣

	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 %	Hum. 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	1010.4	NNE	4	30.3	52	0	8	1009.4	-1.0	NW	3	29.0	32	—	21	—	44	—	2	7	Cu	2	0	105	—
	MATRÛH	1009.1	NW	5	27.6	83	0	6	1007.8	-1.8	NNW	3	27.3	29	+1	22	+1	61	-19	0	6	—	0	0	182	158
	DIKHEILA																									
	ALEXANDRIA	1007.1	NW	5	30.3	64	0	8	1007.1	-2.6	W	2	27.1	32	+1	25	+2	84	+9	0	8	—	0	0	167	190
	DAMIETTA								1006.6	—	WSW	1	28.2	36	—	23	—	83	—	0	6	—	0	0	75	116
134	PORT SAÏD	1005.9	NNW	2	33.1	62	0	7	1006.6	-1.4	SW	5	27.5	35	+4	26	+2	85	+13	0	7	—	0	0	38	82
135	EL 'ARÎSH								1006.7	—	WSW	2	29.0	32	—	24	—	78	—	0	7	—	0	0	85	91
136	LOWER EGYPT — DAMANHÛR								1007.5	-1.4	WNW	2	29.1	35	+2	22	+3	77	+6	0	6	—	0	0	78	110
137	MANSÛRA								1006.6	—	SW	1	27.3	37	+2	22	+1	78	+1	0	8	—	0	0	45	57
138	TANTA	1005.5	NW	4	36.0	42	0	7	1007.2	-2.3	WSW	2	28.5	37	+1	21	0	81	+7	0	7	—	0	0	54	48
	ZAGÂZÎG	1005.9	NNW	2	35.8	36	0	8	1007.4	—	WNW	1	28.8	36	+1	21	+2	76	-1	0	8	—	0	0	20	28
	MIDDLE EGYPT — CAIRO ALMÂZA	1006.8	W	3	35.2	36	0	8	1008.0	—	WSW	2	27.6	37	—	21	—	76	—	0	7	—	1	0	23	—
	CAIRO EZBEKÎYA	1005.8	WNW	1	36.5	33	0	8	1007.5	-1.7	WNW	1	28.5	38	+3	24	+3	80	+6	0	5	—	0	0	18	34
	CAIRO GÎZA	1005.6	N	1	37.5	35	0	8	1007.5	-2.1	NW	1	27.2	39	+4	22	+2	83	+7	0	5	—	1	0	16	31
143	HELWÂN	1005.6	NW	3	35.4	27	0	6	1007.8	-1.3	NW	2	26.0	39	+2	22	+1	78	+11	6	4	—	0	0	17	35
144	SUEZ	1005.8	N	1	34.5	49	0	7	1007.5	-1.1	—	0	29.0	38	+2	25	+2	64	-11	0	6	—	0	0	13	26
153	UPPER EGYPT — FAIYÛM	1006.2	WSW	2	36.6	23	0	7	1007.4	-1.8	NNE	2	29.0	39	+3	23	+2	65	-3	0	7	—	0	0	6	11
154	MINYA	1006.4	NNW	2	34.9	29	0	8	1007.1	-1.3	N	1	28.4	36	0	23	+2	59	-7	0	7	—	0	0	16	—
155	ASYÛT	1006.2	WNW	3	34.0	33	0	8	1007.0	-1.2	WNW	3	29.0	37	0	23	0	62	+12	0	7	—	0	0	dr	5
156	QENA	1004.6	WNW	5	39.5	21	0	9	1006.6	+0.2	WNW	1	32.0	40	-1	26	+2	38	-3	0	8	—	0	0	dr	—
157	LUXOR	1004.6	NW	1	37.5	19	2	8	1005.6	—	—	0	33.0	40	—	22	—	39	—	0	8	—	0	0	dr	—
158	ASWÂN	1003.5	NW	1	39.5	24	1	8	1005.6	-1.7	—	0	32.0	41	-1	25	-1	38	+5	0	8	—	0	0	1	—
148	WESTERN DESERT — SÎWA	1008.8	—	0	37.0	32	0	6	1009.1	-1.6	—	0	27.9	40	+2	21	0	58	-3	0	6	—	0	0	29	7
149	BAHARÎYA	1007.2	NNW	2	36.2	38	0	9	1008.2	—	NNE	1	29.1	37	—	21	—	61	—	0	9	—	0	0	26	—
151	KHÂRGA	1004.4	N	1	41.6	13	0	9	1006.7	-1.1	N	1	29.8	42	+2	23	+1	43	0	0	9	—	0	0	0	dr
152	DÂKHLA	—	NNW	3	37.0	11	0	9	1008.7	-0.3	—	0	32.4	38	-2	25	+2	34	+1	0	9	—	0	0	dr	—
145	RED SEA — TÔR	1004.0	NW	5	32.5	61	0	5	1005.5	-0.5	NW	2	29.8	35	+1	27	+3	79	+5	0	6	—	0	0	14	14
146	HURGHÂDA								1006.2	-0.2	NNW	3	32.4	34	-1	26	+1	65	+12	0	7	—	1	0	dr	1
147	QUSEIR	1004.7	NNE	3	31.9	71	0	6	1006.2	+0.3	NW	1	32.3	35	+1	28	+1	36	-10	0	6	—	0	0	1	7
169	PORT SUDAN								1005.3	0.0	NE	1	—	—	—	—	—	—	—	0	—	—	0	0	43	118
165	NORTH SUDAN — WÂDI HALFA								1007.9	-0.1	WSW	2	29.6	41	0	25	+2	28	0	0	7	Ci	1	—	—	—
166	KAREIMA								1008.7	+0.5	SSW	4	29.0	37	-4	27	0	64	+24	4	8	Ac	1	dr	1	14
167	'ATBARA								1009.8	+1.6	S	2	28.0	32	-8	25	0	50	+11	2	—	—	0	0	21	37
168	KHARTÛM								1009.7	+0.7	SSE	4	26.7	32	-5	25	0	69	+3	4	7	Ci,Ac	1	0	96	69
170	KASSALA								1009.9	-1.7	S	2	25.0	29	-5	23	+1	84	+15	2	8	Ac	1	dr	150	164
171	CENTRAL SUDAN — WAD MEDANI								1010.4	-0.3	SW	2	25.5	32	-3	23	+1	80	+11	3	—	—	2	3	364	193
173	DUEIM								1010.2	-0.8	SE	3	25.8	31	-4	22	0	81	+11	4	—	—	2	0	181	152
182	RENK																									
172	ROSEIRES								1010.8	-1.1	SSW	2	23.4	31	-1	22	+1	89	+9	3	—	—	8	7	527	426
174	EL OBEID								1010.0	-2.1	SSW	3	24.7	34	+1	23	+2	84	+9	3	8	Cu,Ac	1	dr	243	163
175	EL FÂSHER								—	—	SW	2	25.0	34	0	23	+3	80	+11	2	—	—	0	0	102	151
176	S. SUDAN — MALAKÂL								1010.6	-2.2	SSW	2	23.0	30	-1	21	0	91	+6	4	8	Fr,Ns	1	33	528	558
177	WÂU								1012.7	+1.2	NW	3	22.4	31	-1	22	+2	90	+7	4	—	—	2	5	629	757
178	JÛBA								1014.0	+1.2	NW	3	20.2	33	+2	19	-1	100	+15	5	7	Cb,Ns	9	31	778	696
179	Geneina								—	—	—	0	21.2	28	—	19	—	91	—	4	8	Sc,Ac	1	14	—	—
180	Gallabat																									

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

(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	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 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	Malakal 06h.00m. Dir.	Malakal Kms	Geneina 06h.00m. Dir.	Geneina Kms	Salum 2nd 13h.00m. Dir.	Salum 2nd Kms	Almaza 2nd 12h.00m. Dir.	Almaza 2nd Kms
200	320	17	310	34	260	7	350	9	—	—	—	—	190	13	—	—	—	—	—	—	—	—	—	—	—	—	20	27	300	20
500	—	—	310	26	280	6	250	6	50	28	20	6	50	14	200	43	180	26	—	—	—	—	240	13	—	—	—	—	280	21
[illegible]	330	43	330	31	—	—	40	12	0	16	220	7	340	14	190	31	190	48	170	37	210	29	240	34	100	11	300	15	250	9
[illegible]	340	42	350	41	30	26	30	22	10	24			300	21	200	11	180	43	210	19	210	34	220	29	170	16	0	36	250	8
[illegible]	330	51	330	19			20	33	40	23			280	21	50	21	180	24	220	14	220	11	230	23	130	16	320	54	150	11
3000							20	39					250	29	60	24					180	16	230	23					10	10
4000													270	21									190	21					350	38
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 2nd	Diff. from normal	Wet bulb temp. °C on 2nd	Diff. from normal
Alexandria	74	+2	24.1	+1.5
Ezbekiya	65	+4	24.7	+1.8
Gîza	68	+5	24.9	+2.7
Helwân	57	+8	22.4	+2.3

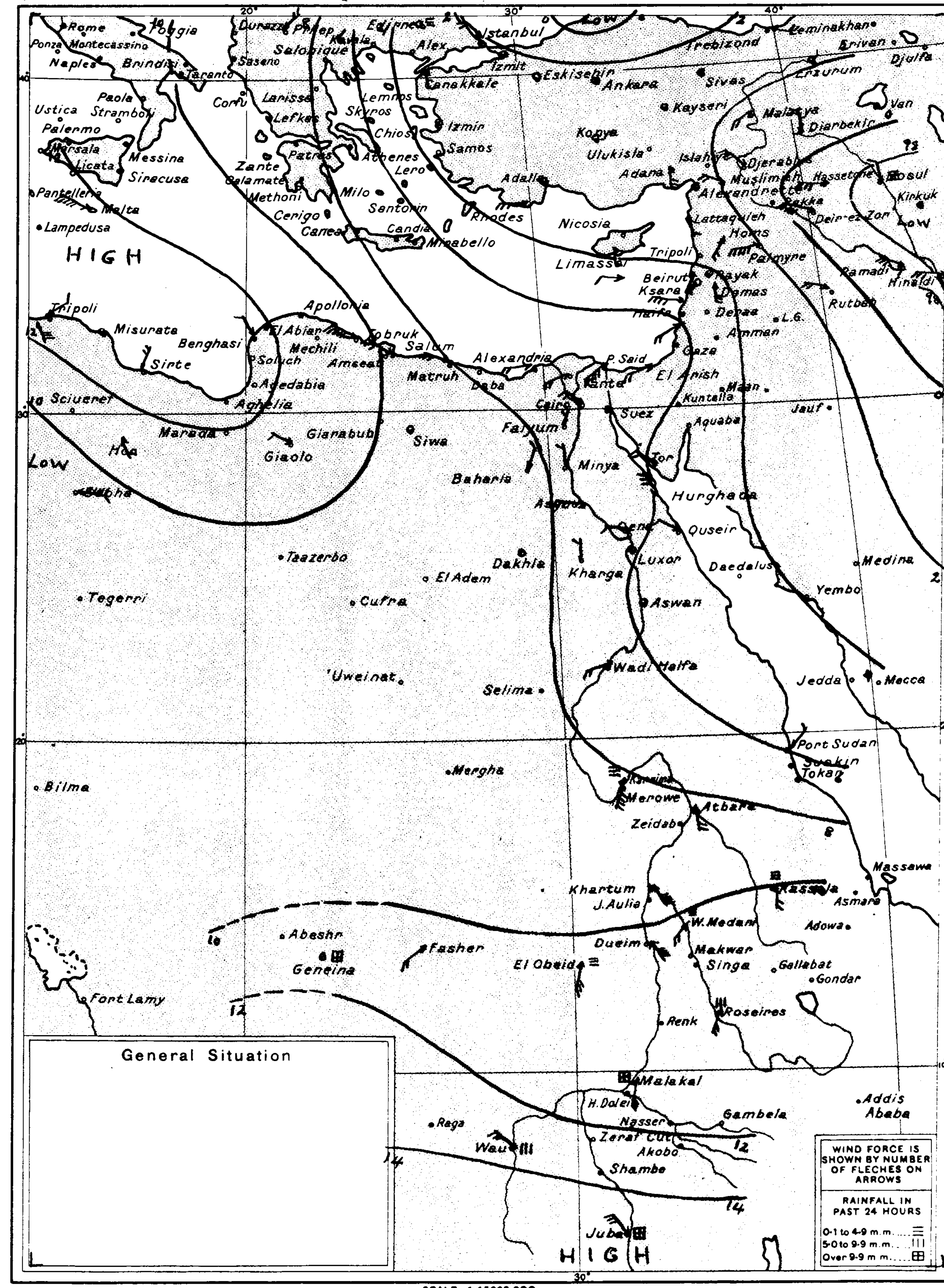
Gîza Grass minimum on 3rd 17.9 °C

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

DATE	1937	1936
3.8	4736	4571
2.8	4154	4637

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3.8	13.80	+0.13	13.74	+0.08
Nâsser	31.7	9.51	+0.03	9.48	+0.02
Malakâl	3.8	11.81	+0.21	11.74	+0.15
Roseires	3.8	18.40	-0.25	18.68	+0.26
Sennâr Res.	2.8	17.19	—	17.20	—
Khartûm	3.8	14.17	-0.26	14.10	-0.20
Kh. el Girba	2.8	13.50	-0.17	13.05	-0.57
'Atbara	3.8	13.26	-0.25	13.39	-0.03
Kajnarti	3.8	139.29	+1.48	139.12	+1.62
Wâdi Halfa	3.8	6.17	+1.12	6.00	+1.10
Aswân Res.	3.8	97.00	—	97.00	—
,, D. S.	3.8	89.77	+0.92	89.40	+0.82
El Leisi	3.8	18.66	-0.05	18.46	-0.18
Rôda (Cairo)	3.8	15.97	-0.15	15.91	-0.18

Pressure and Wind at 8h. 3-8-1937 — ١٩٣٧-٨-٣



General Situation

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.

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

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 %	Hum. 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	1003	-4	E	2	30	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1005.4	-0.6	WNW	2	30.2	32	+1	25	+3	89	+21	0	—	—	—	0	365	647	حيفا
Gaza	1005.1	-1.9	—	0	28.6	35	+5	27	+2	75	+3	2	6	—	1	0	395	376	غزة
Dakhla	1009.5	+0.6	—	0	30.9	40	0	24	+1	32	-1	0	9	—	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 05 h. 16 m.
sunset 18 h. 46 m.

Month *August* 1937 ١٩٣٧ شهر اغسطس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

١٩٣٧-٨-٤

At 14 h. on 3rd — الساعة ١٤ يوم ٣ | At 8 h. on Wednesday 4th — الساعة ٨ يوم الاربعاء ٤

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 Past 24 hours m.	Total 3 fr. Oct. 1 to yesterday m.m.	Normal 3 fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
	SALÛM	1008.8	SSW	2	35.6	40	0	8	1010.0	-0.5	NNE	2	26.0	37	—	21	—	72	—	0	6	—	0	0	105	—
	MATRÛH	1007.8	NW	4	28.6	83	0	6	1008.7	-1.0	WNW	2	25.6	29	+1	22	+1	85	+5	0	6	—	4	0	182	158
	DIKHEILA														—		—		—							
132	ALEXANDRIA	1007.1	NW	5	30.2	74	0	8	1008.2	-1.5	WNW	2	27.0	32	+1	25	+2	85	+10	3	7	Cu	2	0	167	190
159	DAMIETTA								1007.1	—	SW	1	28.8	37	—	23	—	85	—	0	6	—	0	0	75	116
134	PORT SAÏD	1006.8	NW	2	34.2	57	0	7	1007.4	-0.7	SW	3	28.0	35	+4	26	+2	80	+8	0	7	—	0	0	38	82
135	EL 'ARÎSH	1005.6	NNW	3	32.0	79	0	7	1007.2	—	WSW	2	29.8	33	—	25	—	81	—	2	6	Sc	0	0	85	91
	LOWER EGYPT																									
136	DAMANHÛR								1008.2	-0.7	WSW	2	28.8	37	+4	22	+3	76	+5	0	7	—	0	0	78	110
137	MANSÛRA								1007.6	—	NW	1	27.3	38	+3	24	+3	81	+4	1	7	Cs	1	0	45	57
138	TANTA	1004.8	NW	3	37.0	43	0	7	1008.0	-1.5	W	2	27.5	38	+2	22	+1	88	+14	3	7	Cu	2	0	54	48
	ZAGÂZÎG	1006.8	NNW	2	37.3	33	0	8	1007.1	—	WNW	1	26.9	38	+3	23	+4	79	+1	1	8	Cs	1	0	20	28
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1006.3	NW	3	38.0	22	0	8	1008.6	—	—	0	25.9	39	—	22	—	77	—	2	7	St	2	0	23	—
	CAIRO EZBEKÎYA	1005.6	—	0	38.3	33	0	8	1008.0	-1.3	NW	1	28.0	40	+5	24	+3	82	+8	0	5	—	1	0	18	34
	CAIRO GÎZA	1005.5	NW	2	38.9	34	0	8	1008.0	-1.6	NNW	1	26.6	40	+5	24	+4	83	+7	1	5	St	1	0	16	31
143	HELWÂN	1005.5	NNW	2	37.9	21	0	7	1007.8	-1.3	NNW	2	26.0	40	+5	22	+1	77	+10	0	5	—	0	0	17	35
144	SUEZ	1005.9	S	1	36.0	47	0	6	1008.3	-0.3	N	2	28.8	41	+5	26	+3	75	0	0	6	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1006.0	NNW	2	38.2	28	0	8	1007.9	-1.4	NNE	4	28.1	41	+5	23	+2	68	0	0	6	—	0	0	6	11
154	MINYA	1004.3	N	2	38.7	28	0	7	1006.7	-1.7	N	2	29.0	40	+4	25	+4	65	-1	0	8	—	0	0	16	—
155	ASYÛT	1005.1	WSW	3	38.8	29	0	7	1006.8	-1.6	WNW	3	30.2	40	+3	25	+2	47	-3	0	7	—	0	0	dr.	5
156	QENA	1004.4	NNW	1	41.2	—	0	9	1006.6	+0.1	WNW	1	33.0	43	+2	24	0	38	-3	0	8	—	0	0	dr.	—
157	LUXOR	1004.0	—	0	41.3	28	0	8	1005.6	—	—	0	36.3	43	—	23	—	31	—	0	8	—	0	0	dr.	—
158	ASWÂN	1002.8	SW	1	41.4	24	0	8	1004.8	-2.5	—	0	32.5	43	+1	26	0	42	+9	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1007.1	—	0	39.8	30	0	6	1009.0	-1.7	—	0	30.4	43	+5	22	+1	66	+5	0	6	—	0	0	29	7
149	BAHARÎYA	1006.7	NW	1	40.7	33	0	9	1008.3	—	NNE	1	29.5	42	—	24	—	68	—	0	9	—	0	0	26	—
151	KHÂRGA	1004.0	NW	1	41.8	16	0	9	1005.9	-2.0	N	3	35.0	42	+2	27	+5	27	-16	0	9	—	0	0	•	dr.
152	DÂKHLA	1005.6	WNW	2	39.5	13	0	9	1007.2	-1.8	W	1	35.0	42	+2	27	+4	19	-15	0	9	—	0	0	dr.	—
	RED SEA																									
145	TÔR	—	NW	1	35.0	58	0	6	1005.9	-0.1	NW	2	29.6	38	+4	25	+1	80	+6	0	5	—	0	0	14	14
146	HURGHÂDA								1006.6	+0.2	NNW	3	33.2	38	+3	27	+2	62	+9	0	5	—	1	0	dr.	1
147	QUSEIR	1006.6	NE	2	34.1	59	0	6	1006.3	+0.4	WNW	2	34.8	35	+1	26	-1	37	-9	0	6	—	0	0	1	7
169	PORT SUDAN								1005.1	-0.3	S	1	—	—	—	—	—	—	—	1	—	—	0	0	43	118
	NORTH SUDAN																									
165	WÂDI HALFA								1007.5	-0.5	S	1	28.4	41	0	23	0	30	+2	4	8	Ci	1	—	—	—
166	KAREIMA								1009.9	+1.7	S	3	25.0	40	-1	24	-3	76	+36	3	8	As,Ac	0	7	8	15
167	'ATBARA																									
168	KHARTÛM								1011.7	+2.5	NW	3	26.4	35	-2	26	+1	76	+10	5	7	Sc	8	dr	96	72
170	KASSALA								1011.8	+0.2	S	3	23.5	33	-1	21	-1	91	+22	4	8	Sc	1	dr.	150	168
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.6	+0.8	S	2	25.1	32	-3	24	+2	87	+18	4	—	—	2	dr.	364	198
173	DUEIM								1011.6	+0.6	S	2	26.4	34	-1	25	+3	72	+2	4	—	—	2	0	181	155
	RENK																									
172	ROSEIRES								1012.0	+0.1	WSW	2	24.2	31	-1	22	+1	79	-1	5	—	—	8	1	528	433
174	EL OBEID								1011.1	-1.0	SW	3	24.3	33	0	22	+1	83	+7	3	8	Ac	1	dr.	243	167
175	EL FÂSHER	—	—						—	—	SW	1	23.0	29	-4	22	+2	88	+18	1	—	—	0	3	105	156
	S. SUDAN																									
176	MALAKÂL								1011.6	-1.2	W	2	23.9	29	-2	21	0	91	+6	4	8	Fn	1	3	531	564
177	WÂU								1012.4	+0.9	SW	1	23.0	31	-1	22	+2	88	+4	4	—	—	0	1	630	764
178	JÛBA								1013.5	+0.7	SE	3	21.8	31	0	19	-1	91	+4	8	6	Sc,Cu	2	28	806	699
179	Geneina	—							—	—	W	2	19.5	29	—	19	—	91	—	4	8	Sc,Ac	5	43	—	—
180	Gallabat																									

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

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

Height metres above M.S.L.	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.	W. Halfa 06h.00m. Dir.	Kms.	Geneina 06h.00m. Dir.	Kms.	Salum 3rd 13h.00m. Dir.	Kms.	Almaza 3rd 12h. m. Dir.	Kms.	Kareima 05h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	El Obeid 07h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.
200	340	15	340	19	330	19	320	15	—	—	—	—	180	6	—	—	320	10	280	12	—	—	—	—	—	—	—	—	—	—
500	—	—	340	25	10	13	0	15	50	19	330	4	10	18	—	—	—	—	300	10	170	39	210	24	—	—	180	5	240	11
1000	300	13	300	12	40	20	40	12	40	22	50	6	320	23	260	14	310	28	320	6	190	45	250	39	220	39	230	5	170	10
1500			280	20	20	15	30	15	30	22	120	10	290	18	230	21	300	36	20	13	200	27	210	45	230	32	230	13	210	24
2000					20	22	30	18	30	18	140	32			130	11			0	20	190	14	220	51	240	40	200	23	210	3
3000					340	27	340	24							70	19			359	31					240	31	200	31	320	16
4000							330	41																			190	24		
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة مرتقبة

STATION	Mean of day Humidity % on 3rd	Diff. from normal	Wet Bulb Temp. °C on 3rd	Diff. from normal
Alexandria	82	+10	25.4	+2.8
Ezbekiya	57	-4	25.1	+2.2
Gîza	62	-1	25.2	+3.0
Helwân	49	0	22.3	+2.1

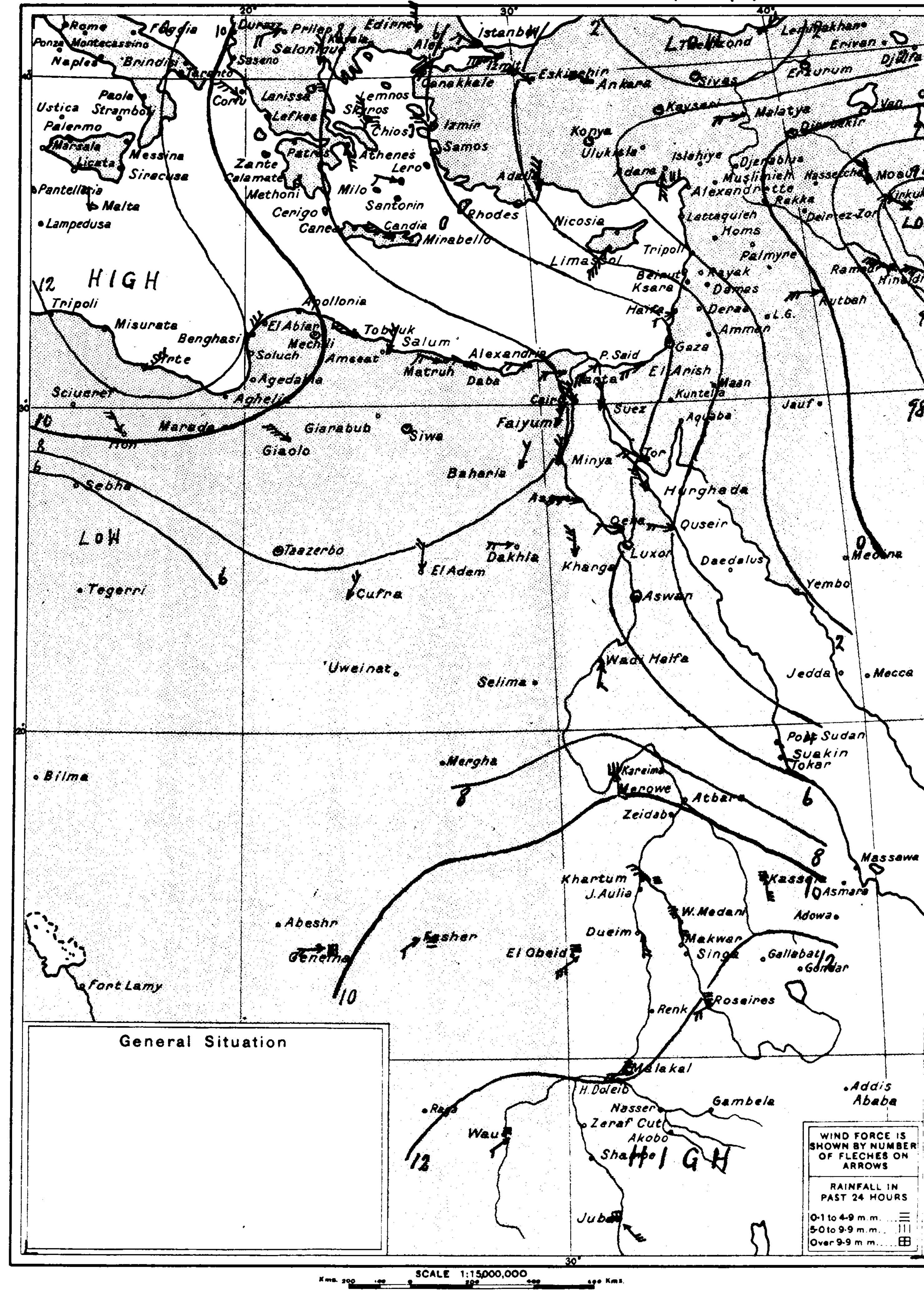
Gîza Grass minimum on 4th 20.6 °C

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

DATE	1937	1936
4-8	5146	4766
3-8	4736	4571

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from Normal m.
Jûba	3-8	13.80	+0.13	13.74	+0.08
Nâṣṣer	2-8	9.56	+0.07	9.53	+0.06
Malakâl	4-8	11.84	+0.22	11.81	+0.21
Roṣeires	3-8	18.40	-0.25	18.68	+0.26
Sennâr Res.	3-8	17.18	—	17.19	
Khartûm	4-8	14.20	-0.31	14.17	-0.26
Kh. el Girba	3-8	13.92	+0.20	13.50	-0.17
'Atbara	3-8	13.26	-0.25	13.39	-0.03
Kajnarti	4-8	139.39	+1.29	139.29	+1.48
Wâdi Halfa	4-8	6.25	+1.06	6.17	+1.12
Aswân Res.	4-8	97.00	—	97.00	
" D.S.	4-8	90.06	+1.06	89.77	+0.92
El Leisi	4-8	18.88	-0.07	18.66	-0.15
Rôda (Cairo)	4-8	16.04	-0.18	15.97	-0.15

Pressure and Wind at 8 h. 4-8-1937



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 3-8-1937 — الساعة ٨ يوم ٣-٨-١٩٣٧

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 3 fr. Oct. 1 to yesterday m.m.	Normal 3 fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1003-4		S	1	30	—	—	—	—	—	—	6	—	—	—	—	—	—	ليماسول
Haifa	1006.0	0.0	WNW	2	30.5	32	+1	24	+2	82	+14	0	—	—	—	0	365	647	حيفا
Giza	1006.6	-0.4	—	0	28.4	36	+6	21	+1	69	-2	0	9	—	0	0	395	376	جيزة

Remarks

Malakal rain gauge reading for 2-6-937 published on 2&3-6-937 should read 10.69 instead of 10.67 m.

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

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

CAIRO 1417 F.C.

Time of sunrise h. m. 05 17 — sunset h. m. 18 45

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month August 1937 ١٩٣٧ شهر أغسطس

No.	STATION	14h. on 4th: 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 Thursday 5th: 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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN: SALÛM	1010.6	NNE	4	27.5	71	0	8	1012.7	+2.2	NNW	3	25.0	29	—	21	—	78	—	0	7	Cu	0	0	105	—
131	MATRÛH	1009.0	NW	4	27.4	84	0	6	—	—	NW	3	26.3	28	0	23	+2	81	+2	3	6	Sc	1	0	182	158
150	DIKHEILA								1010.4	—	NW	4	27.0	30	—	25	—	80	—	0	7	Cu	0	0	145	—
132	ALEXANDRIA	1008.3	NW	4	30.2	74	2	8	1010.3	+0.6	N	4	26.6	32	+1	25	+2	77	+2	1	9	Cu	2	0	167	190
159	DAMIETTA								1008.8	—	NW	1	29.8	36	—	24	—	75	—	1	8	Cu	1	0	75	116
134	PORT SAÎD	1007.6	NW	2	32.2	59	0	8	1009.3	+1.2	SW	3	27.3	33	+2	25	+1	79	+7	2	8	Ac	1	0	38	82
135	EL 'ARÎSH	1005.9	NNW	3	31.2	82	0	7	1008.4	—	WSW	2	29.0	33	—	26	—	79	—	2	7	Cu	1	0	85	91
136	LOWER EGYPT: DAMANHÛR								1010.2	+1.2	W	2	28.9	36	+3	22	+3	65	-6	1	7	Cu	0	0	78	110
137	MANSÛRA								1009.5	—	NE	1	27.0	39	+4	23	+2	77	0	0	7	Ci	1	0	45	57
138	TANTA	1005.9	NW	3	37.7	41	0	7	1009.9	+0.3	NW	2	27.0	38	+2	22	+1	77	+3	2	6	Cu	2	0	54	48
139	ZAGÂZÎG	1007.0	NNW	1	37.3	39	0	8	1010.2	—	WNW	1	27.3	37	+2	22	+3	81	+3	0	8	Ci	1	0	20	28
141	MIDDLE EGYPT: CAIRO ALMÂZA	1006.6	NNW	3	38.1	22	0	8	1010.6	—	NW	3	26.7	39	—	22	—	77	—	3	6	Sc	2	0	23	—
	EZBEKÎYA	1006.7	NW	1	38.4	30	0	8	1010.0	+0.7	NNW	1	27.8	40	+5	24	+3	80	+6	3	7	Cu	1	0	18	34
	GÎZA	1006.6	NNW	2	38.7	31	0	7	1010.2	+0.5	NNW	2	27.0	40	+5	23	+3	71	-5	3	5	Sc	1	0	16	31
143	HELWÂN	1005.8	WNW	5	38.5	18	0	6	1010.0	+0.9	N	3	25.2	40	+5	23	+2	75	+8	0	6	—	1	0	17	35
144	SUEZ	1007.0	N	2	38.6	27	0	6	1009.8	+1.2	N	4	27.8	40	+4	25	+2	66	-9	0	7	—	0	0	13	26
153	UPPER EGYPT: FAIYÛM	1006.2	NNE	2	41.1	22	0	6	1010.2	+0.9	NNW	2	27.0	42	+6	23	+2	71	+3	0	6	—	0	0	6	11
154	MINYA	1005.5	N	3	39.9	34	0	9	1009.1	+0.6	NNE	3	30.0	41	+5	23	+2	53	-13	0	8	—	0	0	16	—
155	ASYÛT	1005.5	SW	3	42.0	22	0	7	1008.6	+0.2	WSW	3	31.0	43	+6	25	+2	53	+3	0	7	—	0	0	dr	5
156	QENA	1004.6	W	2	43.5	21	0	9	1006.6	+0.1	NW	1	33.0	45	+4	27	+3	34	-7	0	8	—	0	0	dr	—
157	LUXOR	1004.0	NNW	1	42.6	24	1	8	1006.0	—	NNE	1	36.8	45	—	24	—	35	—	0	8	—	1	0	dr	—
158	ASWÂN	1002.8	—	0	44.3	24	0	8	1005.5	-1.8	—	0	34.9	46	+4	29	+3	37	+4	1	8	Ci	1	0	1	—
148	WESTERN DESERT: SÎWA	1007.8	—	0	40.8	32	0	6	1010.3	-0.4	—	0	29.3	45	+7	23	+2	68	+7	0	6	—	0	0	29	7
149	BAHARÎYA	1006.8	NNE	1	41.2	32	0	9	1010.3	—	NNE	1	30.1	44	—	24	—	56	—	0	9	—	0	0	26	—
151	KHÂRGA	1004.0	NE	1	43.6	13	0	9	1007.1	-0.8	N	4	36.8	45	+5	29	+7	22	-21	0	9	—	0	0	0	dr
152	DÂKHLA	1005.1	ENE	4	43.3	7	0	8																		
145	RED SEA: TÔR	1004.4	NW	2	34.1	57	0	5	1007.0	+1.0	NW	5	28.8	42	+8	28	+4	86	+12	0	6	—	0	0	14	14
146	HURGHÂDA																									
147	QUSEIR	1006.3	NNE	2	35.8	49	0	6																		
169	PORT SUDAN								1005.8	+0.4	SE	1	—	—	—	—	—	—	—	2	—	—	0	dr	43	119
165	NORTH SUDAN: WÂDI HALFA								1008.0	0.0	SW	4	31.0	42	+1	26	+3	37	+9	1	7	Ci	0	—	—	—
166	KAREIMA								1009.1	+0.9	S	3	29.1	34	-7	26	-1	58	+18	1	8	Ac	0	0	8	15
167	'ATBARA								1010.8	+2.6	SSW	1	27.8	32	-8	23	-2	52	+12	0	—	—	0	0	72	39
168	KHARTÛM								1011.0	+1.8	S	5	24.9	33	-4	23	-1	76	+10	3	8	Cu, Ac	8	dr	96	74
170	KASSALA								1011.9	+0.3	SE	4	23.3	29	-4	21	-1	83	+13	3	8	Fn, Ac	1	3	153	171
171	CENTRAL SUDAN: WAD MEDANI								1011.9	+1.1	SE	2	23.8	28	-7	21	-1	85	+16	3	—	—	1	23	387	202
173	DUEIM								—	—	S	3	22.8	30	-5	21	-1	88	+18	4	—	—	6	18	199	159
182	RENK																									
172	ROSEIRES								1012.3	+0.4	SSE	2	22.8	28	-4	21	0	88	+8	2	—	—	2	1	530	440
174	EL OBEID								1011.5	-0.6	SW	8	22.2	30	-3	21	0	87	+11	4	8	Ac	3	21	264	171
175	EL FÂSHER								—	—	W	2	24.0	33	0	21	+1	75	+5	1	—	—	0	1	106	161
176	S. SUDAN: MALAKÂL								1014.3	+1.5	NW	2	22.5	28	-3	21	0	91	+6	5	7	Fn, Ns	8	42	573	570
177	WÂU								1016.3	+4.8	SE	1	22.0	31	-1	21	+1	95	+11	4	—	—	2	4	634	771
178	JÛBA								1016.4	+3.6	SE	3	20.7	30	-1	20	0	100	+13	5	7	Cb	6	12	818	702
179	Geneina								—	—	SW	2	21.3	28	—	19	—	91	—	4	7	Fn	2	11	—	—
180	Gallabat																									

Upper Wind Observations on 5th ارصاد الرياح العليا يوم ٥

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.	Cairo 08h.15m. 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.	Geneina 06h.00m. Dir.	Kms.	Salum 4th 13h.00m. Dir.	Kms.	Almaza 4th 12h.00m. Dir.	Kms.
200	340	17	330	26	320	27	340	17	330	17	—	—	—	—	200	23	—	—	—	—	—	—	—	—	—	—	20	22	350	10
500	—	—	330	26	330	31	340	28	350	16	30	38	10	24	230	53	200	34	180	32	—	—	300	26	—	—	—	—	320	13
1000	330	30	330	41	350	35	End Cu		310	34	340	48	30	7	230	19	210	37	210	51	190	37			240	11	270	26	310	16
1500	290	49	310	38					310	65	320	37	40	19	270	8	130	2	240	35	220	27			240	27	290	56	300	11
2000	290	58	End Sc												70	16	40	27	300	16	200	24			240	35			70	11
3000															70	47			350	11					260	37			310	24
4000																													320	41
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day: Humidity % on 4th	Diff. from normal	Wet Bulb Temp. °C on 4th	Diff. from normal
Alexandria	85	+13	25.5	+2.9
Ezbekiya	63	+2	25.1	+2.2
Gîza	64	+1	24.7	+2.5
Helwân	53	+4	22.5	+2.3

Gîza Grass minimum on 5th 18.9 °C

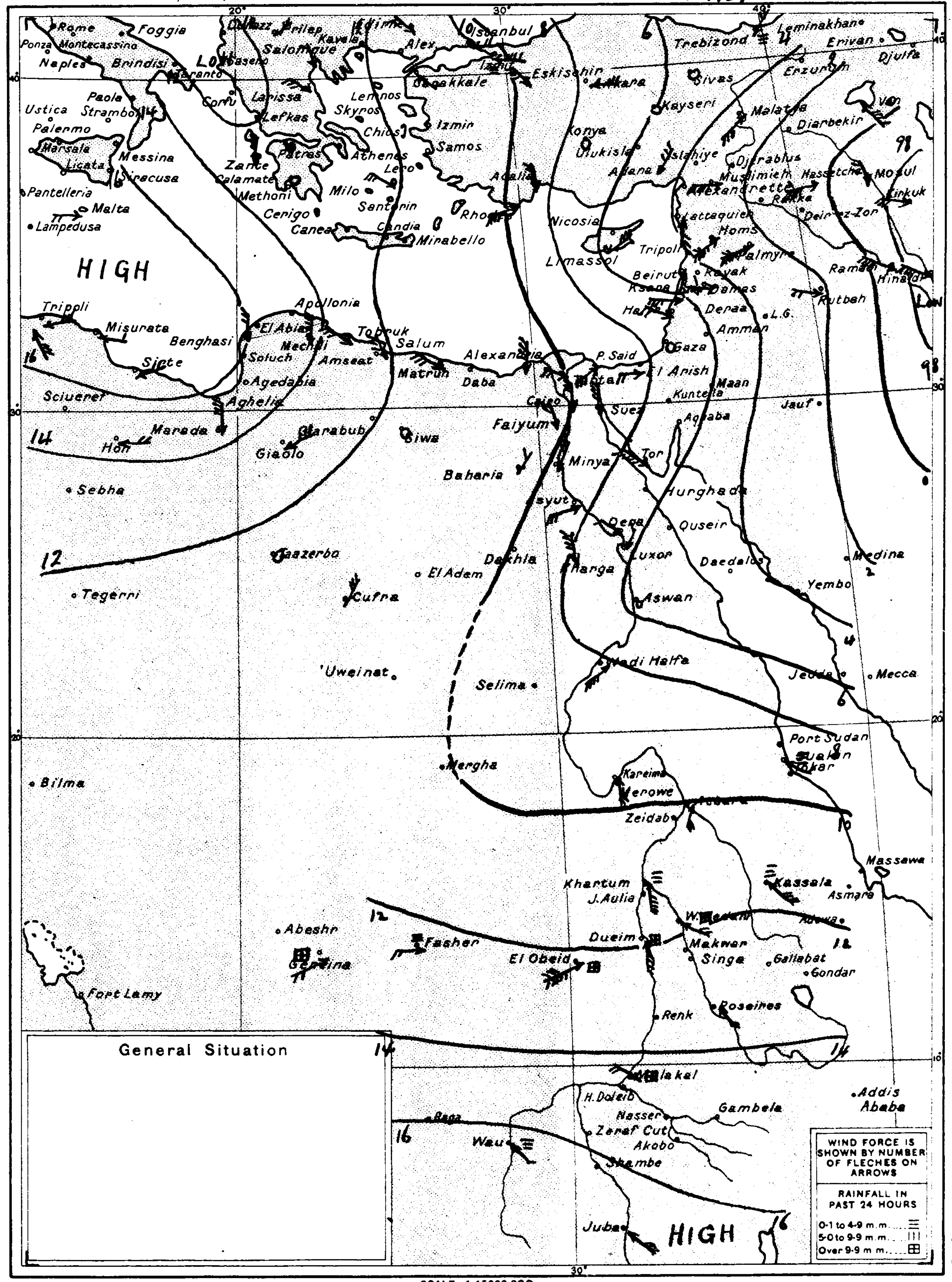
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
5.8	5375	4667
4.8	5146	4766

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	4.8	13.81	+0.13	13.80	+0.13
Nâsser	4.8	9.62	+0.06	9.59	+0.05
Malakâl	5.8	11.90	+0.26	11.84	+0.22
Roseires	6.8	20.72	+1.91	19.70	+0.95
Sennâr Res.	4.8	17.23	—	17.18	—
Khartûm	4.8	14.20	-0.31	14.17	-0.26
Kh. el Girba	4.8	14.20	+0.44	13.92	+0.20
'Atbara	4.8	13.34	-0.28	13.26	-0.25
Kajnarti	5.8	139.32	+1.07	139.39	+1.29
Wâdi Halfa	5.8	6.25	+0.95	6.25	+1.05
Aswân Res.	5.8	97.00	—	97.00	—
,, D.S.	5.8	90.22	+1.02	90.06	+1.06
El Leisi	4.8	18.88	-0.07	18.66	-0.15
Rôda (Cairo)	5.8	16.11	-0.13	16.04	-0.18

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

١٩٣٧-٨-٥ Pressure and Wind at 8 h. 5-8-1937



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 4-8-1937 الساعة ٨ يوم ٤-٨-١٩٣٧

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. 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	1003	-4	SW	4	30	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1006.4	+0.4	WSW	1	29.8	34	+3	26	+4	83	+15	0	—	—	—	0	365	647	حيفا
Gaza	1006.8	-0.2	—	0	28.6	36	+6	21	+1	75	+4	0	—	—	0	0	395	376	غزة

Remarks

ANNUAL SUBSCRIPTION

Inland Post P.T. 100

Abroad P.T. 150

CAIRO
Time of sunrise 05 17
sunset 18 44

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

Month *August*, 1937 ١٩٣٧ شهر اغسطس

DAILY WEATHER REPORT ١٩٣٧/٨/٦

At 14h. on 5th — الساعة ١٤ يوم ٥ | At 8h. on *Friday 6th* — الساعة ٨ يوم الجمعة ٦

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																										
[redacted]	[redacted]UM	1012.7	NNE	5	27.0	72	0	8	1013.8	+3.2	NNW	4	24.8	29	—	21	—	71	—	0	7	Cu	0	0	105	—
[redacted]	[redacted]RÛH	1011.8	NW	4	27.7	74	0	6	1012.2	+2.4	NNW	4	25.8	28	0	25	+4	84	+5	2	6	Cu	0	0	182	158
[redacted]	DIKHEILA								1011.1	—	NNW	5	27.3	29	—	26	—	75	—	3	8	Cu	2	0	145	—
132	ALEXANDRIA	1010.4	—	0	29.5	67	2	8	1010.7	+0.9	N	5	26.7	31	0	24	+1	67	-8	2	9	Cu	2	0	167	190
159	DAMIETTA								1009.4	—	NW	1	29.9	33	—	24	—	68	—	1	8	Cu	1	0	75	116
134	PORT SAÏD	1009.3	NW	4	33.1	44	0	8	1009.8	+1.7	NW	2	27.8	33	+2	25	+1	62	-10	0	8	Cc	1	0	38	82
135	EL 'ARÎSH	1009.6	NNW	3	30.0	73	0	7							—		—		—							
LOWER EGYPT																										
136	DAMANHÛR								1010.4	+1.4	NW	2	28.0	33	0	21	+2	61	-10	2	7	Cu	1	0	78	110
137	MANSÛRA								1009.6	—	N	1	26.9	35	0	22	+1	67	-10	0	7	Ci	1	0	45	57
[redacted]	TANTA	1009.1	NW	4	33.3	45	0	7	1010.6	+1.0	NW	2	25.0	34	-2	20	-1	76	+2	4	5	Ns	2	0	54	48
[redacted]	ZAGÂZÎG	1009.5	NNW	1	33.4	40	0	8	1010.4	—	NNW	1	27.4	33	-2	20	+1	72	-6	1	8	Cs	1	0	20	28
MIDDLE EGYPT																										
[redacted]	CAIRO ALMÂZA	1009.5	NW	3	34.4	38	0	8	1010.8	—	NNW	2	25.2	35	—	20	—	77	—	3	7	Cu	2	0	23	—
[redacted]	CAIRO EZBEKÎYA	1008.4	NNW	1	34.5	42	0	8	1010.2	+0.8	NNW	2	27.3	36	+1	23	+2	75	+1	2	5	Cu	1	0	18	34
[redacted]	CAIRO GÎZA	1008.6	N	3	34.9	38	0	7	1010.3	+0.6	NNW	2	25.3	36	+1	21	+1	78	+1	3	7	Cu	1	0	16	31
143	HELWÂN	1008.2	NW	5	33.4	29	0	6	1010.3	+1.1	NNW	4	24.7	34	-1	22	+1	71	+4	3	7	Cu	2	0	17	35
144	SUEZ	1008.4	N	3	35.4	33	0	6	1009.8	+1.2	NNW	2	26.8	36	0	24	+1	64	-9	2	7	—	1	0	13	26
UPPER EGYPT																										
153	FAIYÛM	1008.4	NNW	4	36.1	27	0	8	1010.2	+0.9	NNE	4	26.8	37	+1	22	+1	67	-1	2	6	Cu	1	0	6	11
154	MINYA	1007.9	NNW	3	37.5	30	0	8	1010.2	+1.7	N	3	26.5	38	+2	23	+2	69	+2	1	9	Cu	1	0	16	—
155	ASYÛT	1006.7	NNW	3	39.0	22	0	8	1009.6	+1.2	NW	3	26.8	40	+3	23	0	57	+7	0	7	—	0	0	dr	5
156	QENA	1003.2	WSW	6	45.0	16	1	6	1007.2	+0.7	NW	2	33.2	45	+4	28	+4	32	-10	2	8	Cs	1	0	dr	—
157	LUXOR	1004.0	NNW	3	44.0	27	2	8	1005.8	—	NE	2	33.7	46	—	27	—	35	—	0	8	As	1	0	dr	—
158	ASWÂN	1003.0	N	2	45.0	11	2	8	1006.3	-1.0	N	1	35.0	46	+4	30	+4	34	+1	1	8	Ci	1	0	1	—
WESTERN DESERT																										
148	SÎWA	1010.6	—	0	38.8	33	0	6	1012.8	+2.1	—	0	24.9	41	+3	21	0	79	+18	0	6	—	0	0	29	7
149	BAHARÎYA	1008.6	N	2	38.5	40	0	9	1011.8		N	1	24.6	40	—	21	—	80	—	0	9	—	0	0	26	—
151	KHÂRGA	1005.6	N	3	44.4	15	0	9	1008.3	+0.4	N	5	31.2	45	+5	29	+7	40	-4	0	9	—	0	0	0	dr
152	DÂKHLA	1007.0	NNE	7	43.9	9	0	6	1009.8	+0.7	—	0	32.0	45	+5	28	+5	41	+7	0	8	—	0	0	dr	—
RED SEA																										
145	TÔR	1005.3	NE	6	40.5	28	7	3	1006.0	-0.1	NW	6	28.5	36	+2	26	+2	70	-4	0	6	Cu	0	0	14	14
146	HURGHÂDA								1007.5	+1.0	NNW	4	31.0	38	+3	27	+2	52	-1	0	5	—	0	0	dr	1
147	QUSEIR	1006.7	E	2	34.2	61	0	6	1006.8	+0.8	N	4	31.2	37	+3	29	+2	36	-10	9	6	—	0	0	1	7
169	PORT SUDAN								1005.0	-0.4	W	2	—	—	—	—	—	—	—	1	—	—	0	0	43	119
NORTH SUDAN																										
165	WÂDI HALFA								1007.6	-0.4	S	3	32.4	43	+3	26	+3	36	+8	8	3	Ci	4	—	—	—
166	KAREIMA								1008.3	+0.1	SSW	3	28.8	39	-2	27	0	64	+24	4	8	Ac	1	0	8	16
167	'ATBARA								1009.1	+0.9	SSW	3	28.0	35	-5	24	-1	52	+12	2	—	—	0	0	72	41
168	KHARTÛM								1010.0	+0.8	SSE	5	24.7	30	-7	23	-1	84	+18	4	8	Sc	2	0	96	76
170	KASSALA								1011.2	-0.5	SE	3	24.0	30	-3	22	0	83	+13	4	8	Fn	1	0	153	175
CENTRAL SUDAN																										
171	WAD MEDANI								1010.5	-0.3	S	3	23.0	27	-8	21	-1	91	+22	3	—	—	2	7	394	297
173	DUEIM								1011.1	+0.1	S	3	24.2	26	-9	22	0	82	+12	4	—	—	6	24	223	162
	RENK																									
172	ROSEIRES								1012.8	+0.9	WSW	2	21.2	30	-2	20	-1	93	+13	5	—	—	8	6	536	447
174	EL OBEID								1011.7	-0.4	SSW	3	20.8	29	-4	21	0	95	+19	5	8	Sc	6	55	319	175
175	EL FÂSHER								—	—	SW	2	23.0	32	-1	20	0	88	+18	1	—	—	0	9	115	166
S. SUDAN																										
176	MALAKÂL								1013.3	+0.5	S	3	22.5	26	-5	21	0	83	-2	5	8	Fn, Nb	8	tr	573	576
177	WÂU								1010.6	-0.9	S	3	22.2	29	-3	21	+1	90	+6	3	—	—	2	7	641	778
178	JÛBA								1016.1	+3.3	S	3	22.0	25	-6	21	+1	91	+4	4	6	Cb	2	3	821	705
179	*Geneina*								—	—	N	2	18.7	26	—	18	—	90	—	4	7	Sc	6	33	—	—
180	*Gallabat*																									

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

Height metres above M.S.L.	Dikheila 17h.30m. Dir. E.of N.	Kms. per hour	Wadi Halfa 06h.00m. Dir.	Kms. per hour	Kareima 06h.00m. Dir.	Kms. per hour	Khartûm 05h.00m. Dir.	Kms. per hour	Kassala 07h.00m. Dir.	Kms. per hour	Malakal 06h.00m. Dir.	Kms. per hour	Juba 06h.00m. Dir.	Kms. per hour	Geneina 06h.00m. Dir.	Kms. per hour	Salum 5th 13h.00m. Dir.	Kms. per hour	Almaza 5th 12h.00m. Dir.	Kms. per hour	h. m. Dir.	Kms.	h. m. Dir.	Kms.	h. m. Dir.	Kms.	h. m. Dir.	Kms.	h. m. Dir.	Kms.
200	330	31	180	8	—	—	—	—	—	—	—	—	—	—	—	—	0	30	330	22										
[redacted]	330	36	210	24	200	31	200	14	—	—	190	24	—	—	—	—	—	—	350	27										
[redacted]	340	22	110	11	200	23	208	21	200	37	230	34	—	—	340	13	330	43	340	18										
[redacted]	350	29	70	18	160	14	90	5	190	31	250	39	260	10	60	8	310	36	310	58										
[redacted]					60	29	130	14			250	39	90	3	80	34			310	64										
3000					60	34							60	5	60	72														
4000					80	47							40	35																
5000													50	4																
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 5th	Diff. from normal	Wet Bulb Temp. °C on 5th	Diff. from normal
Alexandria	76	+4	23.9	+1.3
Ezbekîya	66	+5	24.3	+1.4
Gîza	60	-3	23.2	+1.0
Helwân	55	+6	21.2	+1.0

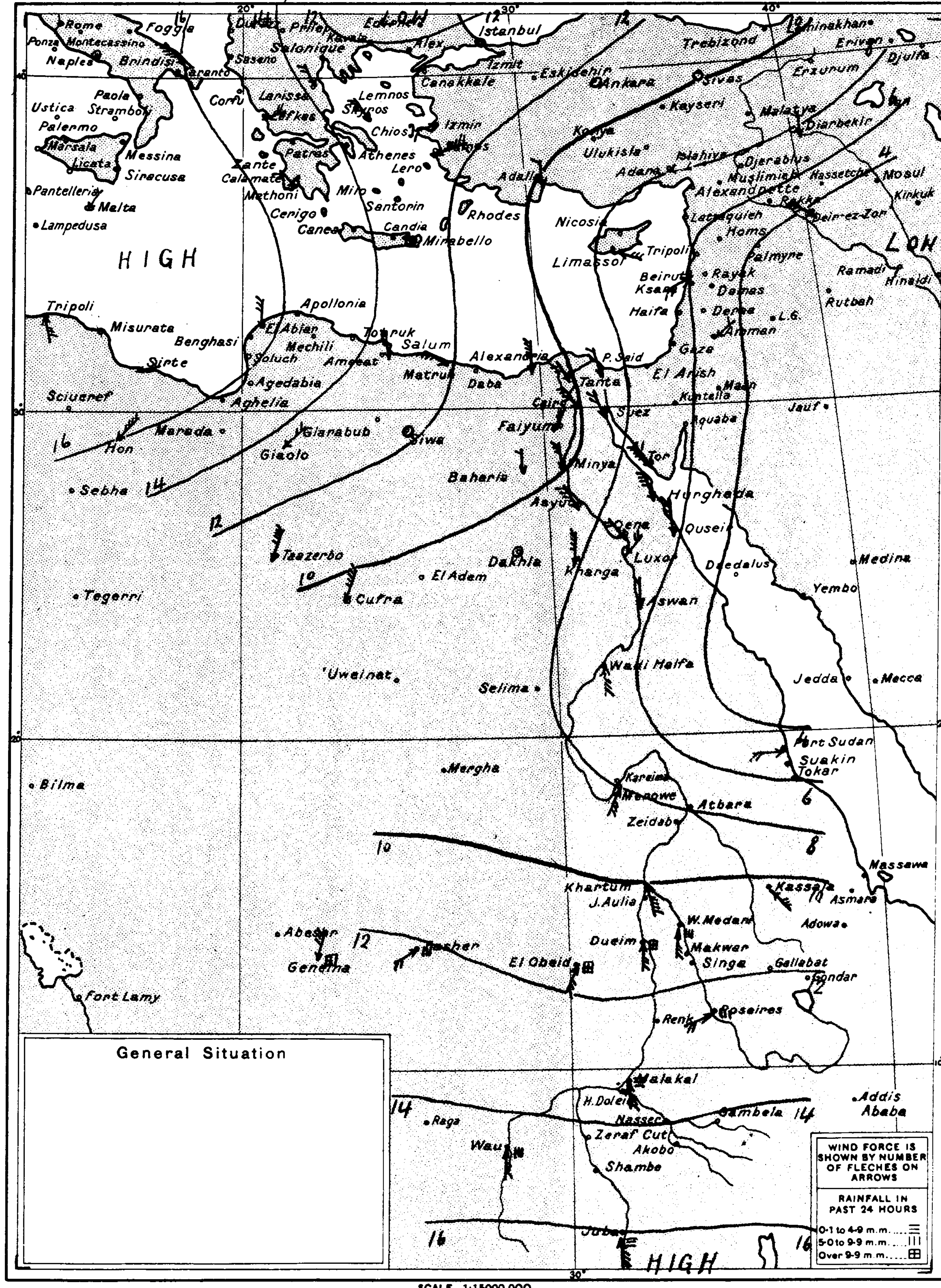
Gîza Grass minimum on 6th 15.9 °C

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

DATE	1937	1936
6.8	5449	5011
5.8	5375	4667

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	6.8	14.34	+0.64	14.07	+0.38
Nâsser	6.8	9.71	+0.11	9.63	+0.05
Malakâl	6.8	11.91	+0.26	11.90	+0.26
Roșeireș	6.8	19.60	+0.75	20.72	+1.91
Sennâr Res.	6.8	17.19	—	17.20	—
Khartûm	6.8	14.65	-0.09	14.38	-0.27
Kh. el Girba	6.8	13.70	-0.15	14.10	+0.30
'Atbara	6.8	14.20	+0.31	13.80	+0.05
Kajnarti	6.8	139.18	+0.68	139.32	+1.07
Wâdi Halfa	6.8	6.15	+0.65	6.25	+0.95
Aswân Res.	6.8	97.00	—	97.00	—
,, D.S.	6.8	90.29	+0.84	90.22	+1.02
El Leisi	6.8	19.70	+0.47	19.26	+0.90
Rôda (Cairo)	6.8	16.31	+0.02	16.11	-0.13

Pressure and Wind at 8h. *6.8.1937.*



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

At 8h. on *5.8.1937* — الساعة ٨ يوم ١٩٣٧/٨/٥

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	1004	-4	NE	3	27	—	—	—	—	—	—	0	..	..	—	..	—	—	ليماسول
Haifa	1007.1	+1.0	NNW	2	30.7	32	+1	26	+4	75	+7	0	—	—	—	0	365	647	حيفا
Gaza	1007.8	+0.7	—	0	28.1	35	+5	22	+2	68	-3	2	5	—	1	0	395	376	غزة
Dakhla	1008.4	-0.7	ENE	2	37.7	45	+5	30	+7	20	-14	0	7	—	0	0	dr	—	الداخلة
Hurghada	1006.6	+0.2	NNW	3	36.4	38	+3	28	+3	49	-4	0	5	—	1	0	dr	1	الغردقة
Quseir	1007.4	+1.5	NNE	2	33.6	37	+3	31	+4	64	+18	0	6	—	0	0	1	7	القصير

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

Remarks

⁂ El Leisi river gauge reading for 14-7-1937 published on 14 & 15-7-1937 should read 14.92 instead of 14.90 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 05 h 18 m.
sunset 18 h 44 m.

Month *August* 1937 ١٩٣٧ شهر اغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

٧-٨-٣٧ Pressure and Wind at 8 h. 7-8-37.

1417 F.C.

	STATION	At 14h. on 6th 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 Saturday 7th الساعة ٨ يوم السبت: 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 m.m. Past 24 hours	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
[redacted]	SALŪM	1013.0	NE	5	26.1	74	0	8	1012.0	+1.4	NW	4	24.2	28	—	21	—	80	—	1	7	Cu	1	0	105	—
50	MATRŪH	1011.6	NW	5	27.2	82	2	6	1010.0	+0.2	NW	3	26.4	28	0	25	+4	84	+5	0	6	—	0	0	182	158
132	DIKHEILA	1009.8	NNW	6	28.1	77	2	8	1008.7	—	NNW	5	26.8	29	—	24	—	81	—	3	7	Cu	2	0	145	—
159	ALEXANDRIA	1009.8	N	6	29.5	54	2	8	1008.6	-1.2	NNE	2	26.2	30	-1	25	+2	77	+2	2	9	Cu	2	0	167	190
134	DAMIETTA								1007.8	—	WSW	1	27.1	33	—	21	—	78	—	2	8	Cu	1	0	75	116
135	PORT SAÏD	1009.0	NW	2	31.6	55	0	8	1008.2	+0.1	NW	2	27.2	32	+1	24	0	71	-1	0	8	—	0	0	38	82
136	EL 'ARÎSH								1007.1	—	WSW	1	30.0	30	—	25	—	78	—	2	7	Cu	0	0	85	91
137	EGYPT: DAMANHŪR								1008.3	-0.8	NW	2	27.2	31	-2	21	+2	69	-3	2	7	Cu	1	0	78	110
[redacted]	MANSŪRA								1007.5	—	NE	1	25.9	33	-2	21	0	74	-3	0	8	—	0	0	45	57
	TANTA	1008.6	N	5	32.0	54	2	7	1008.3	-1.4	—	0	27.0	32	-4	20	-1	77	+3	2	7	Cu	1	0	54	48
	ZAGÂZÎG	1008.6	NNE	2	32.4	48	0	8	1008.6	—	NNE	1	27.4	32	-3	20	+1	69	-9	1	8	Ci	1	0	20	28
	MIDDLE EGYPT, CAIRO: ALMÂZA	1007.2	NNW	4	32.9	49	2	8	1008.7	—	NNE	3	25.1	33	—	19	—	75	—	2	8	Sc	1	0	23	—
	EZBEKÎYA	1007.6	N	2	33.0	45	0	8	1008.0	-1.4	N	1	26.7	34	-1	22	0	78	+3	0	7	Sc	1	0	18	34
	GÎZA	1007.6	NNW	2	33.1	44	2	8	1008.0	-1.7	NNW	2	25.4	34	-1	21	+1	75	-2	2	6	Cu	1	0	16	31
143	HELWÂN	1007.6	NW	4	31.7	35	0	8	1008.0	-1.2	NNW	2	24.3	33	-2	21	0	74	+7	2	6	Ac	2	0	17	35
144	SUEZ	1008.2	N	2	33.5	29	0	7	1008.0	-0.7	NNW	3	27.0	35	-1	24	+1	69	-6	0	7	—	1	0	13	26
153	UPPER EGYPT: FAIYŪM	1007.4	NNW	4	32.7	35	0	8	1008.3	-1.0	NNE	2	25.9	34	-2	22	+1	71	+3	2	6	Cu	0	0	6	11
154	MINYA	1007.6	NNW	3	33.5	39	0	8	1007.8	-0.8	NNE	2	26.2	34	-2	22	+1	66	-1	1	8	Cu	1	0	16	—
155	ASYÛT	1006.4	NNW	4	33.2	32	0	8	1007.9	-0.6	NSW	3	26.4	34	-3	23	0	72	+22	0	7	—	0	0	dr	5
156	QENA	1004.0	NW	5	39.8	15	2	8	1006.4	-0.2	WSW	4	29.3	40	-1	25	+1	47	+5	0	7	—	0	0	dr	—
157	LUXOR	1004.3	NNW	3	38.8	19	3	8	1006.3	—	ENE	2	32.2	40	—	21	—	43	—	0	8	—	0	0	dr	—
158	ASWÂN	1003.4	—	0	41.0	24	0	8	1006.8	-0.5	—	0	30.2	44	+2	25	-1	43	+10	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1010.6	—	0	34.5	44	0	6	1011.6	+0.9	—	0	24.5	37	-1	21	0	82	+21	0	6	—	0	0	29	7
149	BAHARÎYA	1009.3	NNW	2	33.6	25	0	9	1010.0	—	NNE	1	25.1	35	—	20	—	72	—	0	9	—	0	0	26	—
151	KHÂRGA	1006.0	N	3	37.8	26	0	9	1006.2	+0.3	N	2	28.3	38	-2	25	+3	56	+12	0	9	—	0	0	0	dr
152	DÂKHLA	1007.6	NNW	6	36.5	18	0	5	1009.3	+0.1	NNW	3	27.9	38	-2	24	+1	38	+4	0	8	—	0	0	dr	—
145	RED SEA: TÔR	1004.4	NW	6	35.0	58	7	3	1005.5	-0.6	NW	3	28.1	36	+2	26	+2	84	+10	0	5	—	0	0	14	14
146	HURGHÂDA								1006.6	+0.1	NNW	3	30.0	33	-2	25	0	54	+2	0	6	—	1	0	dr	1
147	QUSEIR								1006.4	+0.4	NNW	2	32.0	34	0	25	-2	41	-5	0	6	—	0	0	1	7
169	PORT SUDAN								1005.9	+0.5	SE	1	—	—	—	—	—	—	—	1	—	—	0	0	43	119
165	NORTH SUDAN: WÂDI HALFA								1008.7	+0.6	—	0	29.3	42	+2	27	+4	33	+4	0	7	—	0	—	—	—
166	KAREIMA								1008.5	+0.3	S	6	28.5	38	-3	27	0	67	+26	6	5	Ac	0	0	8	16
167	'ATBARA								1009.1	+0.9	S	4	28.0	34	-6	22	-3	57	+17	1	—	—	0	3	75	42
168	KHARTŪM								1010.8	+1.5	S	5	26.4	33	-4	23	-1	84	+17	3	8	Sc	8	dr	96	78
170	KASSALA								1011.8	+0.1	SSE	3	23.6	31	-2	21	-1	75	+5	4	8	Ac	1	0	153	179
171	CENTRAL SUDAN: WAD MEDANI								1011.5	+0.7	SSW	3	23.4	27	-8	20	-2	79	+10	2	—	—	0	dr	394	212
173	DUEIM								1011.8	+0.8	S	3	23.8	27	-8	22	0	85	+15	4	—	—	6	27	250	166
182	RENK								—	—					—		—		—							
172	ROSEIRES																									
174	EL OBEID								1011.1	-0.9	S	4	23.0	28	-5	22	+1	87	+11	4	8	Cb	1	0	319	178
175	EL FÂSHER								—	—	SW	2	23.5	34	+1	22	+2	87	+17	1	—	—	0	0	115	171
176	S. SUDAN: MALAKÂL								1013.1	+0.3	WSW	2	21.5	27	-4	21	0	91	+6	4	8	Ac	2	dr	573	582
177	WÂU								1013.4	+1.9	SW	2	20.6	31	-1	20	0	95	+11	5	—	—	6	12	653	785
178	JÛBA								1014.5	+1.7	SSE	3	21.4	29	-2	20	0	100	+13	8	1	Sc	5	dr	821	708
179									—	—	W	2	20.5	26	—	19	—	82	—	4	7	Sc	8	6	—	—
180																										

Upper Wind Observations on 7th ارصاد الرياح العليا يوم

Height above M.S.L. metres	Salum 07 h.00 m. Dir. E.of N.	Kms. per hour	Marsa Matruh 07 h.00 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 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 06 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	Geneina 07 h.00 m. Dir. E.of N.	Kms. per hour	Almaza 11 h.30 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
[redacted]000	320	20	330	30	350	24	—	—	—	—	30	16	—	—	—	—	—	—	—	—	—	—	—	—	0	20	340	11	350	23
[redacted]00	—	—	0	36	10	14	340	26	280	6	30	31	180	45	160	43	—	—	—	—	210	31	—	—	0	31	10	8	0	18
[redacted]00	30	4	0	39	80	28	320	20	330	12	40	14	170	43	170	23	200	37	180	35	200	50	250	16	350	27	50	24	0	21
[redacted]000	350	13	0	33	90	18	210	6	220	24	240	2	130	40	180	18	210	27					210	19	330	24	170	14	350	31
2000	350	31	340	30	200	14	180	11	240	54	200	16	130	29			210	29									170	34		
3000	340	4			170	43											110	13									180	31		
4000					120	23																								
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

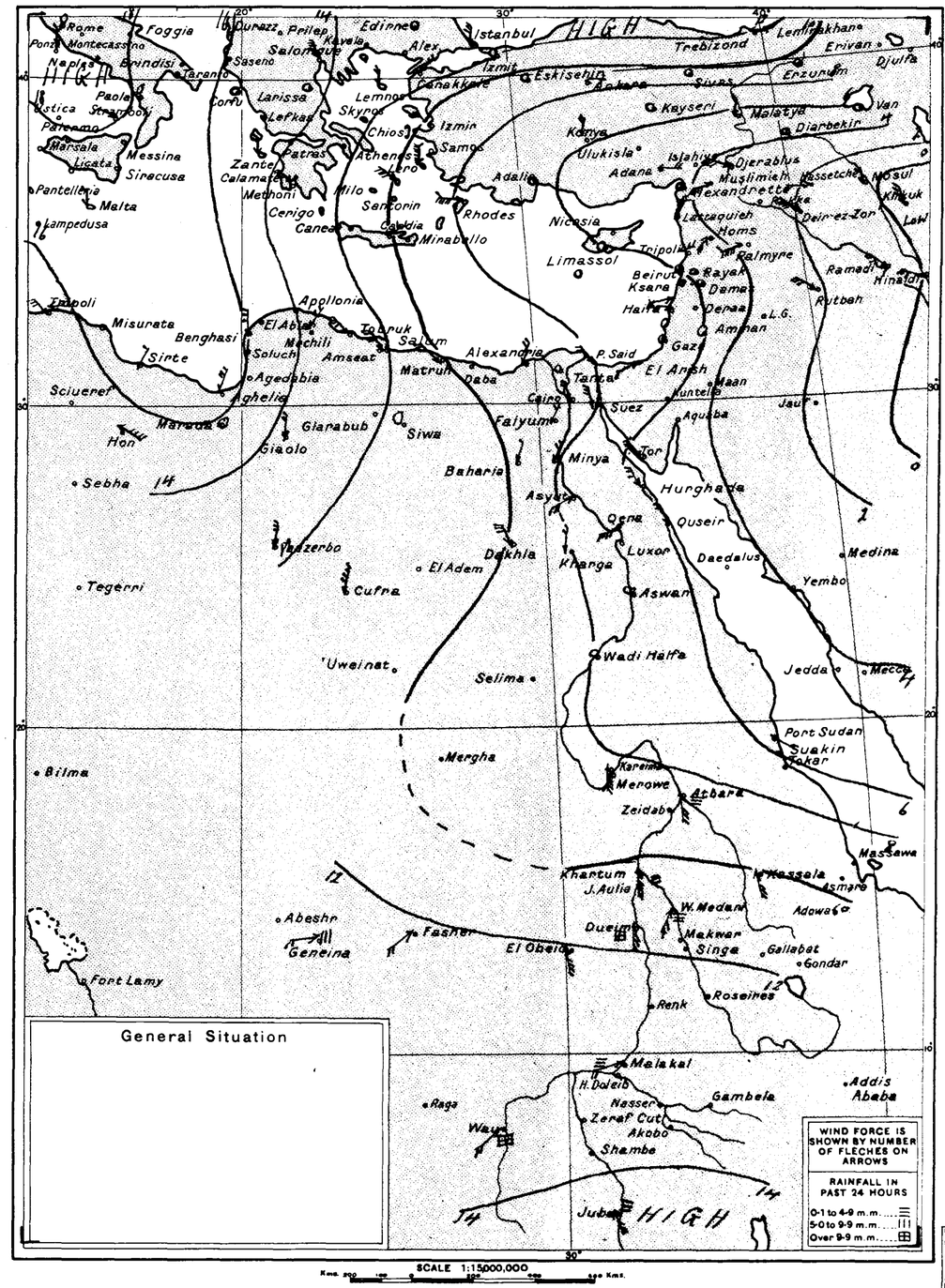
STATION	Mean of day HUMIDITY % 6th	Diff. from normal	WET BULB TEMP. °C 6th	Diff. from normal
Alexandria	68	-4	22.5	-0.1
Ezbekiya	65	+3	23.8	+0.9
Gîza	68	+5	23.1	+0.8
Helwân	57	+7	21.1	+0.9

Gîza Grass minimum on 7th 16.2 °C

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

DATE	1937	1936
7-8	5400	5259
6-8	5449	5011

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-8	13.98	+0.27	14.34	+0.64
Nâsser	6-8	9.71	+0.11	9.63	+0.05
Malakâl	7-8	11.91	+0.25	11.91	+0.26
Roseires	7-8	19.41	+0.52	19.60	+0.75
Sennâr Res.	6-8	17.19	—	17.20	—
Khartûm	7-8	15.16	+0.26	14.65	-0.09
Kh. el Girba	6-8	13.70	-0.15	14.10	+0.30
'Atbara	7-8	13.92	-0.08	14.20	+0.31
Kajnarti	7-8	139.14	+0.42	139.18	+0.68
Wâdi Halfa	7-8	6.11	+0.46	6.15	+0.65
Aswân Res.	7-8	97.00	—	97.00	—
" D.S.	7-8	90.29	+0.64	90.29	+0.84
El Leisi	7-8	20.16	+0.70	19.70	+0.47
Rôda (Cairo)	7-8	16.42	+0.04	16.31	+0.02



STATION	At 8 h. on 6th 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.	محطة
Limassol	1007	-1	SE	3	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.7	+2.6	WNW	1	29.5	32	+1	26	+4	87	+19	0	—	—	—	0	365	647	حيفا
Gaza	1008.3	+1.2	—	0	26.7	34	+4	22	+2	73	+2	2	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

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CAIRO

Time of sunrise 5 h. 18 m.
sunset 18 h. 43 m.

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

DAILY WEATHER REPORT

Month August 1937 — ١٩٣٧ شهر اغسطس — ٣٧-٨-٨ — Pressure and Wind at 8 h. — 8-8-37.

	STATION	At 14h. on 7th (الساعة ١٤ يوم ٧) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 8th (الساعة ٨ يوم الاحد 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 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	SALÛM	1011.6	N	5	26.7	75	0	7	1012.0	+1.3	NW	4	24.3	30	—	20	—	81	—	1	7	Cu	0	0	105	—
131	MATRÛH	1010.0	NW	4	27.2	85	0	6	1010.3	+0.5	WNW	3	25.3	28	0	21	0	90	+11	1	6	Sc	0	0	182	158
150	DIKHEILA								1010.0	—	NW	4	26.4	28	—	25	—	80	—	1	8	Cu	0	0	145	—
132	ALEXANDRIA	1008.2	N	4	29.0	64	0	9	1009.6	-0.2	NNW	4	26.0	30	-1	24	+1	67	-7	1	9	Cu	0	0	167	190
159	DAMIETTA								1008.6	—	WSW	2	27.8	34	—	21	—	70	—	2	8	Cu	1	0	75	116
134	PORT SAÏD	1007.6	NE	2	30.2	64	0	8	1009.1	+0.9	NW	3	27.0	32	+1	24	0	70	-2	1	8	Cc	0	0	38	82
135	EL 'ARÎSH	[illegible]	NNW	3	30.5	76	0	7	1007.8	—	WSW	1	28.8	30	—	24	—	80	—	0	7	—	0	0	85	91
136	EGYPT: DAMANHOUR								1009.6	+0.5	NNW	1	27.8	33	0	20	+1	65	-7	1	8	Cu	1	0	78	110
137	MANSURA								1008.7	—	W	1	25.5	36	+1	20	-1	78	+1	0	8	—	0	0	45	57
[redacted]	TANTA	1007.0	N	2	33.5	38	0	7	1009.4	-0.4	NW	2	26.5	35	-1	19	-2	77	+3	2	7	Cu	1	0	54	48
[redacted]	ZAGÂZÎG	1006.7	NW	1	33.9	42	0	8	1009.6	—	WNW	1	26.8	34	-1	20	+1	77	-1	1	8	Cs	1	0	20	28
	MIDDLE EGYPT: CAIRO																									
	ALMÂZA	1007.6	NNW	3	33.4	46	0	8	1009.8	—	NW	2	25.1	34	—	20	—	81	—	3	7	Sc	2	0	23	—
	EZBEKÎYA	1006.4	N	2	33.7	40	0	8	1009.5	0.0	NNW	1	25.7	36	+1	23	+1	80	+5	2	6	Cu	1	0	18	34
	GÎZA	1006.4	NNE	2	34.5	41	0	8	1009.5	-0.2	NNW	1	25.6	35	0	22	+2	80	+3	3	6	Cu	1	0	16	31
143	HELWÂN	1005.8	NW	4	33.0	32	0	6	1009.4	+0.1	NW	3	24.7	34	-1	22	+1	73	+6	1	6	Cu	0	0	17	35
144	SUEZ	1006.2	N	2	34.5	35	0	7	1009.9	+1.2	NNW	2	27.0	36	0	24	+1	72	-3	0	7	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1006.4	NNW	2	34.2	34	0	8	1008.3	-1.1	N	3	25.2	36	0	22	+1	77	+9	0	6	Cu	0	0	6	11
154	MINYA	1006.7	NNW	2	33.7	35	0	9	1009.4	+0.8	N	3	25.9	35	-1	22	+1	66	-1	0	8	—	0	0	16	—
155	ASYÛT	1006.7	W	3	33.2	36	0	8	1009.3	+0.8	NW	3	27.2	36	-1	22	-1	67	+16	0	7	—	0	0	dr	5
156	QENA	1005.3	ESE	2	37.2	21	0	8	1008.2	+1.5	WSW	3	31.5	38	-3	23	-1	32	-10	0	8	—	0	0	dr	—
157	LUXOR	1005.1	WSW	3	36.7	35	0	8	1008.0	—	WSW	1	32.2	39	—	21	—	39	—	0	8	—	0	0	dr	—
158	ASWÂN	1004.6	SW	2	38.0	30	0	8	1008.6	+1.3	—	0	30.0	39	-2	24	-2	44	+11	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1009.8	—	0	35.5	38	0	6	1011.6	+0.9	NE	1	24.5	37	-1	21	0	73	+12	0	6	—	0	0	29	7
149	BAHARÎYA	1008.0	N	3	33.0	33	0	9	1011.5	—	N	1	24.4	35	—	20	—	73	—	0	9	—	0	0	26	—
151	KHÂRGA	1007.4	N	3	35.3	25	0	9	1009.6	+1.6	NE	1	29.6	37	-3	24	+2	51	+7	0	9	—	0	0	0	dr
152	DÂKHLA	1008.4	NW	3	33.9	23	0	9	1010.3	+1.1	—	0	29.0	35	-5	21	-2	35	+1	0	9	—	0	0	dr	—
	RED SEA																									
145	TÛR	1005.1	NW	2	31.5	72	0	5	1006.6	+0.5	NW	2	28.8	35	+1	23	-1	—	—	0	6	—	0	0	14	14
146	HURGHÂDA								1007.9	+1.4	NNW	3	30.0	38	+3	24	-1	50	-2	0	6	—	0	0	dr	1
147	QUSEIR	1005.9	NNE	2	31.2	71	0	6	1007.6	+1.6	N	3	32.3	34	0	27	0	57	+11	0	6	—	0	0	1	7
169	PORT SUDAN								1005.5	0	NW	7	—	—	—	—	—	—	—	2	—	—	1	0	43	119
	NORTH SUDAN																									
165	WÂDI HALFA								1009.6	+1.5	ENE	2	29.1	40	0	26	+3	34	+5	0	7	—	0	—	—	—
166	KAREIMA								1009.5	+1.3	SW	4	30.5	38	-3	28	+1	56	+15	1	8	Ci	0	dr	8	17
167	'ATBARA								1010.3	+2.1	SSW	2	29.4	36	-4	25	0	50	+10	0	—	—	0	0	75	43
168	KHARTÛM								1010.7	+1.4	S	4	27.1	33	-4	25	+1	69	+2	1	8	Ci	0	0	96	81
170	KASSALA								1011.8	+0.1	SSE	2	24.9	32	-1	23	+1	76	+6	0	8	Ac	0	0	153	183
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.6	+0.8	S	2	25.6	29	-6	21	-1	79	+10	1	—	—	0	dr	394	217
173	DUEIM								1011.9	+0.9	SE	3	24.8	29	-6	23	+1	85	+14	1	—	—	0	0	250	169
	RENK								—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
172	ROSEIRES								1011.4	-0.5	SSW	2	24.2	30	-2	21	0	74	-7	1	—	—	0	dr	542	461
174	EL OBEID								1011.3	-0.7	S	3	24.0	29	-4	23	+2	79	+3	2	8	Cu	4	dr	319	182
175	EL FÂSHER								—	—	SW	2	24.5	33	0	22	+2	83	+13	0	—	—	0	0	115	176
	S. SUDAN																									
176	MALAKÂL								1012.2	-0.6	SSW	1	24.0	29	-2	21	0	83	-2	3	8	Cu	1	0	573	588
177	WÂU								1010.8	-0.7	SW	1	22.6	25	-7	20	0	84	0	3	—	—	0	3	636	792
178	JÛBA								1015.2	+2.4	E	2	20.1	29	-2	18	-2	100	+13	4	7	Sc	5	dr	821	711
179	Geneina								—	—	SW	3	21.3	29	—	20	—	91	—	4	7	Sc	2	0	—	—
180	Gallabat																									

Upper Wind Observations on 8th (ارصاد الرياح العليا يوم ٨)

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	Dikhaila 07h. 15m. 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	Wadi 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 05h. 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	Salum 13 h. 00 m. Dir. E. of N.	Kms. per hour	Cairo 11 h. 00 m. Dir. E. of N.	Kms. per hour
200	340	8	310	30	330	16	340	11	330	12	—	—	—	—	20	10	—	—	—	—	—	—	—	—	—	—	0	32	340	9
500	—	—	320	29	340	20	350	13	0	16	340	20	330	20	30	21	200	43	190	35	—	—	—	—	180	13	—	—	30	14
1000	40	31	340	31	350	19	300	12	290	13	350	26	300	29	20	18	190	24	200	56	220	31	210	35	230	10	290	16	60	10
1500	30	30	350	30	320	14	Ent. Sc		250	21			270	29	—	0	170	6	200	27	210	14	240	26	290	13			210	15
2000	310	12	310	18									240	43	200	18	90	14	190	18	220	16	230	14	290	24			140	29
3000																	50	27	130	35			170	14	300	19			220	25
4000																									250	23				
5000																									240	14				
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

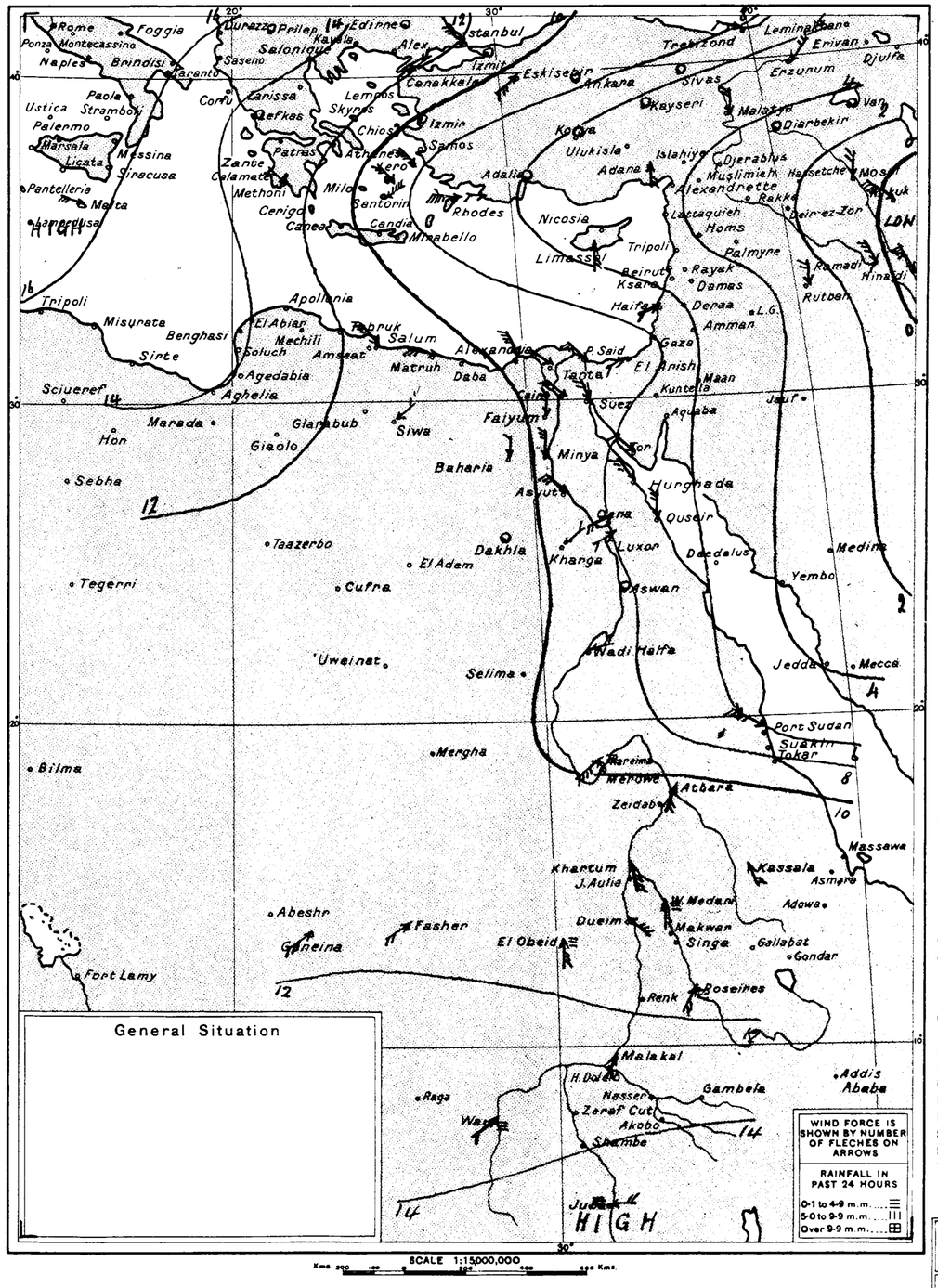
STATION	Mean of day Humidity % on 7th	Humidity Diff. from normal	Wet Bulb Temp. °C on 7th	Wet Bulb Temp. Diff. from normal
Alexandria	73	+1	23.2	+0.6
Ezbekiya	62	0	23.6	+0.7
Gîza	62	-1	23.2	+0.9
Helwân	50	0	20.9	+0.7

Gîza Grass minimum on 8th 18.1 °C

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

DATE	1937	1936
8-8	5302	5380
7-8	5400	5259

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8-8	13.89	+0.17	12.48	+0.27
Nâsser	7-8	9.74	+0.11	9.71	+0.11
Malakâl	8-8	11.91	+0.24	11.91	+0.25
Roseires	8-8	20.06	+1.14	19.41	+0.62
Sennâr Res.	7-8	17.21	—	15.19	—
Khartûm	8-8	15.41	+0.49	15.10	+0.26
Kh. el Girba	7-8	13.84	-0.06	13.70	-0.15
'Atbara	8-8	14.02	-0.14	13.92	-0.08
Kajnarti	8-8	139.16	+0.14	134.14	+0.42
Wâdi Halfa	8-8	6.13	+0.24	6.11	+0.46
Aswân Res.	8-8	97.00	—	97.00	—
,, D.S.	8-8	90.19	+0.27	90.29	+0.64
El Leisi	8-8	20.48	+0.84	20.18	+0.73
Rôda (Cairo)	8-8	16.72	+0.25	16.42	+0.04



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 7th (الساعة ٨ يوم ٧) 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.	معهد
Limassol	1007	-1	—	0	30	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1006.8	+0.7	WNW	1	29.7	31	0	26	+4	80	+12	0	—	—	—	0	365	647	حيفا
Gaza	1007.3	+0.3	—	0	27.0	35	+5	22	+2	76	+5	0	9	—	0	0	395	376	غزة

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

CAIRO

Time of sunrise 05 h. 19 m.

sunset 18 h. 42 m.

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

Month *August* 1937 — ١٩٣٧ شهر اغسطس

DAILY WEATHER REPORT

٣٧-٨-٩ Pressure and Wind at 8 h. *9-8-37*

At 14h. on 8 — الساعة ١٤ يوم ٨ ; At 8h. on *Monday 9th* — الساعة ٨ يوم الاثنين 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. 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: SALÛM	1012.2	NNE	2	27.7	71	0	8	1011.9	+1.2	NNW	4	24	30	—	21	—	—	—	0	6	Cu	0	0	105	—
	MATRÛH	1010.8	NW	4	27.9	82	0	6	1010.0	+0.1	W	3	25.3	28	0	22	+1	80	+1	2	6	Sc	1	0	182	158
	DIKHEILA								1009.3	—	WNW	5	27.0	29	—	25	—	83	—	1	9	Cu	0	0	145	—
132	ALEXANDRIA	1010.0	N	5	29.7	57	1	9	1009.0	-0.9	NW	4	26.2	30	-1	25	+2	73	-1	1	9	Cu	2	0	167	190
159	DAMIETTA								1008.0	—	W	3	27.3	33	—	21	—	75	—	2	8	Cu	1	0	75	116
134	PORT SAÏD	1008.8	NW	2	30.3	58	0	8	1008.6	+0.4	SW	4	26.7	33	+2	24	0	73	+1	0	8	—	0	0	38	82
135	EL 'ARÎSH	1008.0	NNW	3	30.0	78	0	7	1008.0	—	WSW	1	28.2	31	—	24	—	82	—	2	7	Cu	0	0	85	91
136	LOWER EGYPT: DAMANHÛR								1009.1	-0.1	WNW	3	28.0	31	-2	21	+2	64	-8	2	8	Cu	1	0	78	110
137	MANSÛRA								1008.2	—	NW	1	26.2	34	-1	20	-1	72	-5	0	8	—	0	0	45	57
[illegible]	TANTA	1008.6	N	5	32.0	46	0	7	1008.8	-1.0	NNW	3	27.0	33	-3	19	-2	72	-3	1	7	Ac	1	0	54	48
	ZAGÂZÎG	1008.6	WNW	1	33.1	42	0	8	1009.1	—	WNW	1	27.3	33	-2	20	+1	74	-4	0	8	Ci	1	0	20	28
	MIDDLE EGYPT: CAIRO ALMÂZA	1008.3	NNW	4	34.9	41	0	8	1009.9	—	NW	3	25.9	35	—	20	—	79	—	3	7	Sc	2	0	23	—
	CAIRO EZBEKÎYA	1008.6	NW	1	34.0	37	0	8	1009.3	-0.2	WNW	1	26.8	35	0	22	0	78	+3	2	7	Cu	1	0	18	34
	CAIRO GÎZA	1008.4	N	2	34.1	33	0	8	1009.0	-0.8	NW	2	25.9	35	0	19	-1	79	+2	3	6	Cu	1	0	16	31
143	HELWÂN	1008.2	NNW	4	32.6	30	0	7	1009.1	-0.2	—	0	24.0	34	-1	21	0	82	+15	3	4	Ac	2	0	17	35
144	SUEZ	1008.2	N	3	35.0	30	0	7	1009.4	+0.7	NNW	2	26.6	38	+2	24	+1	60	-15	3	7	—	1	0	13	26
153	UPPER EGYPT: FAIYÛM	1009.1	NNW	2	33.3	33	0	8	1009.9	+0.5	NNE	2	25.5	36	0	20	-1	78	+10	3	6	Cu	0	0	6	11
154	MINYA	1008.6	NNE	2	34.4	31	0	7	1009.6	+0.9	NNE	2	26.0	35	-1	20	-1	60	-7	0	7	—	0	0	16	—
155	ASYÛT	1008.8	WSW	3	34.0	36	0	8	1009.6	+1.1	WNW	3	27.5	35	-2	22	-1	54	+3	0	7	—	0	0	dr	5
156	QENA	1007.0	WSW	4	38.0	21	1	8	1008.0	+1.3	WNW	5	29.9	39	-1	24	0	28	-14	0	8	—	0	0	dr	—
157	LUXOR	1006.8	WNW	2	38.5	28	0	8	1006.0	—	—	0	33.0	39	—	21	—	34	—	0	8	—	0	0	dr	—
158	ASWÂN	1006.6	NW	3	38.8	22	1	8	1007.5	+0.1	—	0	30.6	40	0	25	-1	33	0	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1011.0	—	0	33.7	34	0	6	1012.6	+1.8	—	0	25.6	37	-1	20	-1	72	+11	0	6	—	0	0	29	7
149	BAHARÎYA	1010.2	N	1	32.7	31	0	9	1011.1	—	N	2	25.0	34	—	19	—	63	—	0	9	—	0	0	26	—
151	KHÂRGA	1008.7	N	1	37.2	27	0	9	1009.5	+1.5	N	3	29.4	38	-2	23	+1	48	+4	0	9	—	0	0	0	dr
152	DÂKHLA	1009.9	NNW	3	35.9	19	0	8	1010.0	+0.8	WNW	1	28.5	37	-2	23	0	31	-4	0	7	—	0	0	dr	—
145	RED SEA: TÔR	1006.7	NW	4	33.0	61	0	6	1006.6	+0.5	NW	5	28.2	35	+1	27	+3	83	+9	0	5	—	0	0	14	14
146	HURGHÂDA								1007.1	+0.6	NW	4	30.2	35	0	27	+2	70	+18	0	7	—	0	0	dr	1
147	QUSEIR	1007.4	NNE	2	32.0	71	0	6	1006.8	+0.7	NNW	3	31.4	34	0	25	-2	58	+12	0	6	—	0	0	1	7
169	PORT SUDAN								1005.0	-0.5	NW	1	—	—	—	—	—	—	—	3	—	—	0	0	43	119
165	NORTH SUDAN: WÂDI HALFA								1008.9	+0.8	NNE	2	30.4	40	0	27	+4	34	+5	0	7	—	0	—	—	—
166	KAREIMA								1008.0	-0.2	S	1	33.0	39	-2	28	+1	44	+3	0	8	—	1	0	8	18
167	'ATBARA								1008.0	-0.2	SW	2	32.5	37	-3	28	+3	39	-1	0	—	—	0	0	75	45
168	KHARTÛM								1008.9	-0.4	SSW	4	28.8	35	-2	26	+2	64	-3	3	7	Cs	0	0	96	83
170	KASSALA								1009.6	-2.1	S	4	26.0	34	+1	23	+1	76	+6	2	8	Ac	0	0	153	187
171	CENTRAL SUDAN: WAD MEDANI								1009.9	-0.9	SW	2	26.5	33	-2	23	+1	77	+8	1	—	—	0	0	394	222
173	DUEIM								1009.8	-1.2	S	3	26.8	34	-1	23	+1	68	-3	0	—	—	0	0	250	173
	RENK																									
172	ROSEIRES								1011.2	-0.7	SSW	2	23.4	34	+2	20	-1	87	+6	1	—	—	2	17	559	468
174	EL OBEID								1010.9	-1.1	S	3	25.4	32	-1	23	+2	84	+8	2	8	Cs,Ac	6	3	322	186
175	EL FÂSHER								—	—	NW	2	24.5	34	+1	22	+2	83	+12	0	—	—	0	8	123	181
176	S. SUDAN: MALAKÂL								1011.0	-1.8	SW	1	25.5	31	0	24	+3	92	+7	4	8	Cu	1	0	573	594
177	WÂU								1012.2	+0.7	W	2	23.5	31	-1	21	+1	83	-1	4	—	—	1	3	659	800
178	JÛBA								1013.5	+0.7	SSW	4	23.3	32	+1	21	+1	91	+4	4	7	Cs,Ac	8	dr	821	714
179	*Geneina*								—	—	N	2	21.9	28	—	19	—	91	—	3	7	Fb	1	2	—	—
180	*Gallabat*																									

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

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 09h.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.	Malakal 06h.00m. Dir.	Kms.	Salum 8th 13h.00m. Dir.	Kms.	Almaza 8th 12h.00m. Dir.	Kms.
200	340	22	300	26	310	29	330	23	320	12	—	—	—	—	20	10	—	—	—	—	—	—	—	—	—	—	0	27	250	18
500	—	—	310	31	320	34	330	22	320	12	10	24	350	26	40	34	230	14	200	37	—	—	—	—	220	14	—	—	300	9
1000	30	10	350	29	340	25	350	14	330	23	330	36	320	36	20	26	230	27	200	24	220	34	220	24	240	10	330	41	300	20
1500			340	23			Ent. Cu.		330	31	320	31	280	42	300	18	270	11	210	13	230	14	210	23	290	11	330	34	240	26
2000			300	18									290	59	170	18	240	14	200	14	0	6	160	14	310	16			210	39
3000															230	24	80	21			210	23	70	14	310	24			240	13
4000															240	18							70	6						
5000															210	13														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة مرتقبة

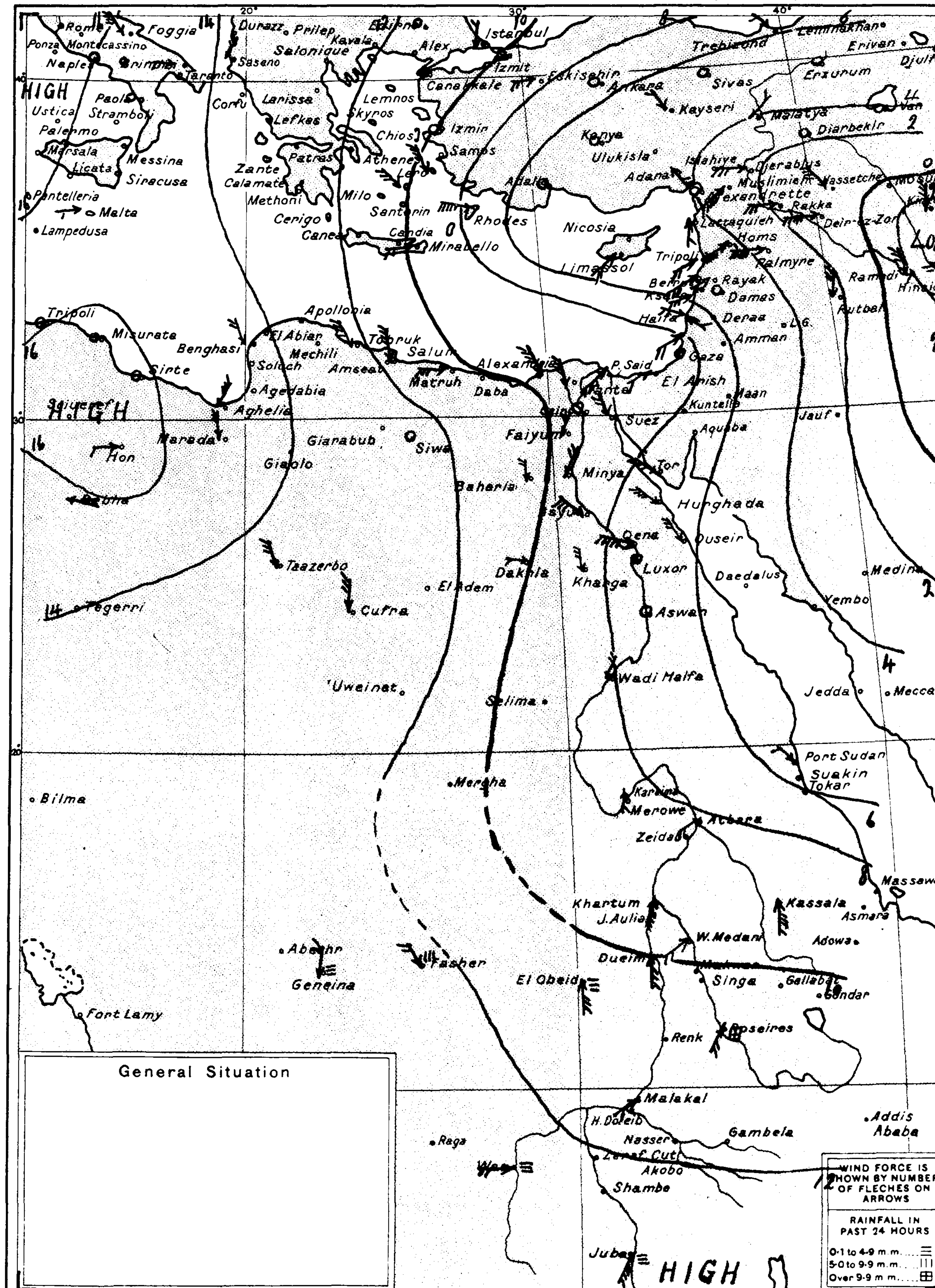
Station	Mean of day Humidity % on 8th	Diff. from normal	Wet Bulb Temp. °C on 8th	Diff. from normal
Alexandria	70	-2	22.8	+0.2
Ezbekîya	64	+2	22.9	0.0
Gîza	64	+1	22.5	+0.2
Helwân	57	+7	21.1	+0.9

Gîza Grass minimum on 9th 13.5 °C

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

Date	1937	1936
9-8	5222	5817
8-8	5302	5580

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9-8	13.78	+0.06	13.89	+0.17
Nâsser	7-8	9.74	+0.11	9.71	+0.11
Malakâl	9-8	11.90	+0.22	11.91	+0.24
Roseires	9-8	20.42	+1.47	20.06	+1.14
Sennâr Res.	8-8	17.19	—	17.21	—
Khartûm	9-8	15.48	+0.48	15.41	+0.49
Kh. el Girba	8-8	14.10	+0.18	13.84	-0.06
'Atbara	9-8	14.50	+0.26	14.02	-0.14
Kajnarti	9-8	139.13	-0.09	139.16	+0.14
Wâdi Halfa	9-8	6.12	+0.10	6.13	+0.24
Aswân Res.	9-8	97.00	—	97.00	—
,, D.S.	9-8	90.13	+0.03	90.19	+0.27
El Leisi	9-8	20.83	+1.05	20.48	+0.89
Rôda (Cairo)	9-8	16.96	+0.42	16.72	+0.2[illegible]



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 *8th* — الساعة ٨ يوم ٨

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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1005	-3	S	2	30	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.9	+1.8	WSW	1	29.4	31	0	25	+3	83	+15	0	—	—	—	.	365	647	حيفا
Gaza	1006.3	-1.0	—	0	28.6	35	+5	24	+4	75	+4	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 05 19 h. m.

sunset 18 41

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

DAILY WEATHER REPORT

Month August 1937 ١٩٣٧ اغسطس شهر ٢٧-٨-١٠

Pressure and Wind at 8 h. 10-8-37

	STATION	At 14 h. on 9th — 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 Tuesday 10th — 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 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	SALUM	1011.4	NNE	4	27.0	76	3	8	1010.2	-0.6	NW	3	24.1	28	—	22	—	84	—	0	7	Cu	0	105	—	
	MATRÛH	1009.9	NNW	3	27.3	77	0	6	1008.6	-1.4	WNW	3	25.1	28	0	21	0	85	+6	0	6	Sc	1	0	182	158
	DIKHEILA																									
132	ALEXANDRIA	1009.3	NW	5	29.5	64	1	9	1007.6	-2.4	W	1	25.6	31	0	24	+1	76	+2	1	9	Cu	2	0	167	190
159	DAMIETTA								1007.1	—	SW	2	26.8	32	—	21	—	79	—	0	8	Cu	1	0	75	116
134	PORT SAÏD	1008.6	NW	4	32.1	49	0	7	1007.6	-0.6	SW	3	26.2	33	+2	24	0	72	0	0	8	—	1	0	38	82
135	EL 'ARÎSH	1007.5	NNW	3	30.2	76	0	7	1006.7	—	WSW	1	28.0	31	—	24	—	83	—	0	7	—	0	0	85	91
136	DAMANHÛR								1007.9	-1.3	SW	3	27.8	32	-1	22	+3	70	-2	1	7	Cu	0	0	78	110
137	MANSÛRA								1007.0	—	W	1	26.6	34	-1	20	-1	74	-4	0	8	—	0	0	45	57
	TANTA	1008.3	NW	5	32.5	47	0	7	1009.1	-0.8	W	2	27.0	33	-3	20	-1	77	+2	2	7	Cu	1	0	54	48
LOWER EGYPT	ZAGÂZÎG	1008.2	WNW	1	32.1	52	0	8	1007.9	—	WNW	1	26.3	32	-3	19	0	80	+1	1	8	Ci	1	0	20	28
MIDDLE EGYPT	CAIRO ALMÂZA	1008.7	NNW	3	33.2	34	1	8	1008.7	—	—	0	26.4	34	—	19	—	68	—	2	8	Sc	1	0	23	—
	CAIRO EZBEKÎYA	1007.9	—	0	33.5	45	0	8	1007.9	-1.7	WNW	1	27.0	35	0	22	0	77	+2	1	5	Cu	1	0	18	34
	CAIRO GÎZA	1007.9	WNW	2	33.4	44	0	8	1008.0	-1.8	W	1	25.8	35	0	18	-2	82	+5	2	6	Sc	1	0	16	31
143	HELWÂN	1007.9	NNW	5	32.0	37	0	6	1007.8	-1.6	—	0	24.7	33	-2	20	-1	77	+10	0	6	—	0	0	17	35
144	SUEZ	1008.3	N	2	33.0	39	0	7	1008.0	-0.8	N	1	26.2	36	0	22	-1	67	-8	0	7	—	0	0	13	26
153	FAIYÛM	1008.3	N	3	33.2	30	0	8	1008.0	-1.5	N	2	26.8	35	-1	20	-1	64	-4	0	6	—	0	0	6	11
154	MINYA	1008.6	NNW	3	34.0	31	0	8	1007.8	-1.0	N	1	27.7	35	-1	20	-1	53	-14	0	8	—	0	0	16	—
155	ASYÛT	1008.3	W	3	33.8	19	0	8	1007.9	-0.6	WNW	2	28.0	35	-2	21	-2	47	-4	0	7	—	0	0	dr	5
156	QENA	1006.3	WNW	5	38.2	18	0	9	1006.8	0.0	W	1	30.2	39	-1	24	0	37	-5	0	8	—	0	0	dr	—
157	LUXOR	1006.4	WNW	3	36.6	26	0	8	1006.3	—	NNW	1	33.0	38	—	21	—	40	—	0	8	—	0	0	dr	—
158	ASWÂN	1005.5	NW	3	38.0	25	1	8	1006.8	-0.6	—	0	30.6	39	-2	24	-2	37	+4	0	8	—	0	0	1	—
148	SÎWA	1010.3	—	0	34.8	51	0	6	—	—	—	0	27.3	37	-1	21	0	60	-1	0	6	—	0	0	29	7
149	BAHARÎYA	1009.3	WNW	2	34.9	31	0	9	1009.3	—	N	1	26.7	36	—	19	—	52	—	0	9	—	0	0	26	—
151	KHÂRGA	1007.8	N	2	37.0	27	0	9	1008.3	+0.2	—	0	29.6	38	-2	21	-1	39	-5	0	9	—	0	0	0	dr
152	DAKHLA	1009.1	N	4	35.2	22	0	8	1009.4	+0.1	WNW	1	28.9	37	+2	23	0	27	-8	0	8	—	0	0	dr	—
145	TÛR	1005.9	NW	4	32.9	62	0	5	1005.1	-1.1	NW	5	29.5	34	0	26	+2	61	-13	0	6	—	0	0	14	14
146	HURGHÂDA																								dr	1
147	QUSEIR	1006.3	NNE	3	33.2	53	0	6	1006.3	+0.2	N	4	31.0	34	0	28	+1	37	-8	0	6	—	0	0	1	7
169	PORT SUDAN								1004.7	-0.9	SW	1	—	—	—	—	—	—	—	1	—	—	0	0	43	119
165	WÂDI HALFA								1008.7	+0.5	NNE	1	28.6	39	-1	25	+2	36	+7	0	7	—	0	0	—	
166	KAREIMA								1007.1	-1.1	W	3	32.0	42	+1	27	0	43	+2	1	7	Ac	0	0	8	18
167	'ATBARA								1006.7	-1.5	NW	3	33.0	40	0	27	+2	30	-10	0	—	—	0	0	75	46
168	KHARTÛM								1007.6	-1.7	WNW	4	29.8	37	0	25	+1	53	-14	1	8	Ac	0	dr	96	85
170	KASSALA								1008.0	-3.7	S	4	26.5	35	+2	23	+1	69	-1	0	8	Ac	0	dr	153	191
171	WAD MEDANI								1009.4	-1.4	WSW	2	26.0	34	-1	23	+1	73	+4	2	—	—	0	dr	394	227
173	DUEIM																									
	RENK																									
172	ROSEIRES								1009.3	-2.6	WSW	2	24.1	33	+1	22	+1	88	+7	2	—	—	1	0	559	475
174	EL OBEID								1009.9	-2.1	S	3	25.0	33	0	23	+2	80	+4	2	8	Ac Cu	0	0	322	190
175	EL FÂSHER								—	—	W	1	25.0	34	+1	21	+1	84	+13	0	—	—	0	0	123	186
176	MALAKÂL								1010.0	-1.5	S	2	22.0	28	-3	20	0	91	+7	3	—	—	1	6	665	807
177	WÂU								1013.6	+0.8	S	4	23.0	31	0	20	0	83	-4	4	9	Sc	1	6	827	717
178	JÛBA																									
179	Geneina								—	—	N	3	19.0	30	—	18	—	90	—	5	7	Cb	9	20	—	—
180	Gallabat																									

CENTRAL SUDAN: WAD MEDANI, DUEIM, RENK, ROSEIRES, EL OBEID, EL FÂSHER. S. SUDAN: MALAKÂL, WÂU, JÛBA. Geneina, Gallabat.

Upper Wind Observations on 10th — ارصاد الرياح العليا يوم ١٠

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.00 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 06 h.00 m. Dir. E. of N.	Kms per hour	Kareima 06 h.00 m. Dir. E. of N.	Kms per hour	Khartum 03 h.00 m. Dir. E. of N.	Kms per hour	Kassala 08 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 07 h.00 m. Dir. E. of N.	Kms per hour	Salum 13 h.00 m. Dir. E. of N.	Kms per hour	Almaza 12 h.00 m. Dir. E. of N.	Kms per hour
200	320	15	300	32	290	10	320	11	—	—	—	—	20	10	—	—	—	—	—	—	—	—	—	—	—	—	0	20	330	12
500	—	—	310	28	0	8	350	13	20	26	340	29	40	29	300	19	210	32	—	—	—	—	—	—	—	—	—	—	320	9
1000	300	10	310	28	330	29	330	28	340	36	340	29	350	27	0	8	240	23	220	34	230	39	300	39	140	18	320	31	330	22
1500	10	4	330	24	320	29	320	31			330	26	340	40	30	27	240	18	250	27	210	13	350	26	150	40	Ent. Cu		330	33
2000	340	12					320	68			310	34	320	37	10	21	220	14	290	27	130	18	0	14					Ent. Cu	
3000															20	3			20	26	100	35	330	16						
4000															90	8					90	24								
5000																														
6000																														

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

تغيرات الطقس المنظرة فى ٢٤ ساعة من ظهر

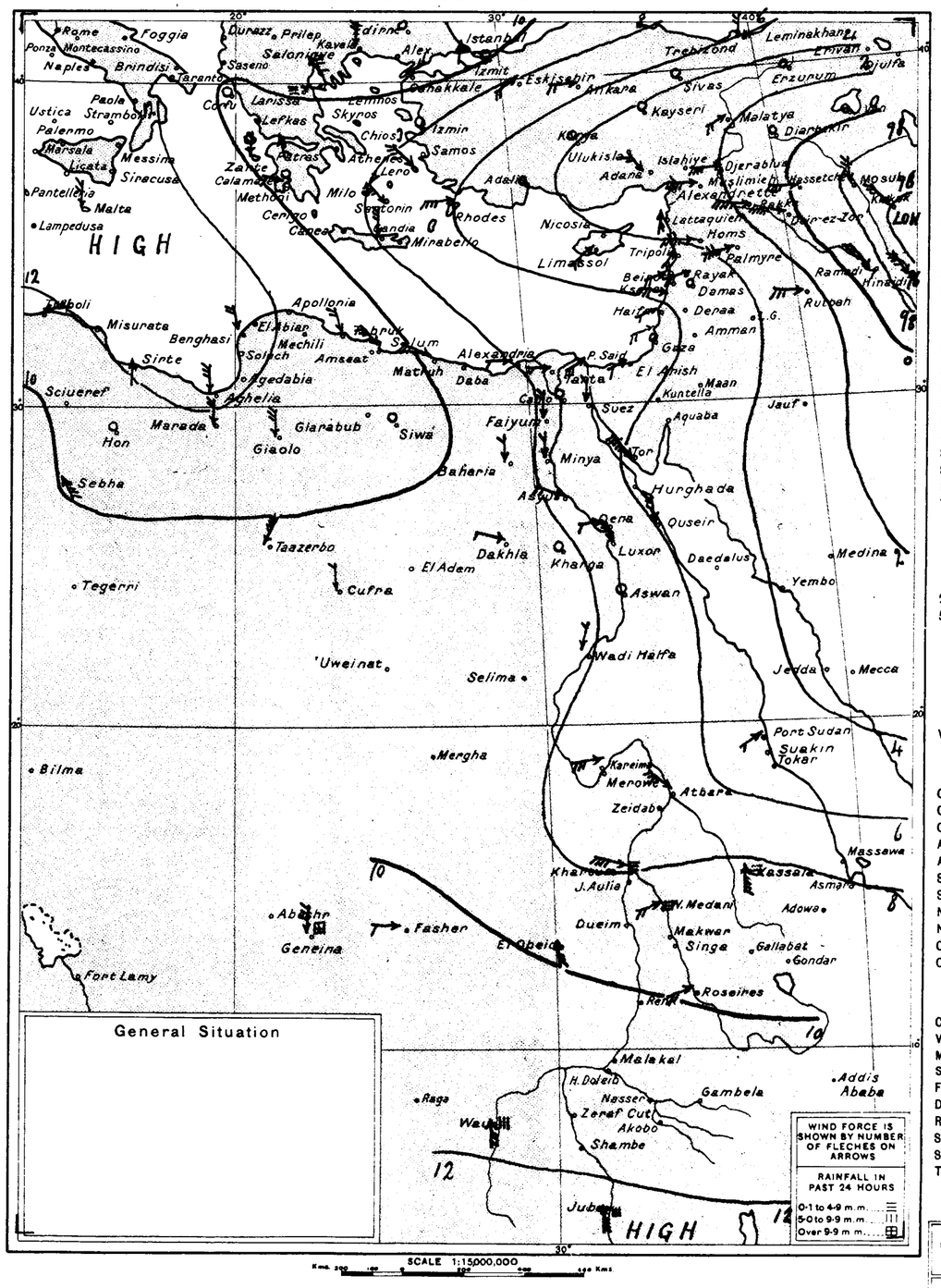
STATION	Mean of day Humidity % 9th	Diff. from normal	Wet Bulb Temp. °C 9th	Diff. from normal	Previous day Reading	Diff. from normal
Alexandria	76	+4	23.4	+0.8		
Ezbekiya	61	-1	23.2	+0.3		
Giza	63	-1	22.9	+0.6		
Helwân	59	+9	21.2	+0.9		

Giza Grass minimum on 10th 12.6 °C

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

DATE	1937	1936
10-8	5788	6099
9-8	5222	5817

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9-8	13.78	+0.06	13.89	+0.17
Nâsser	7-8	9.74	+0.11	9.71	+0.11
Malakâl	10-8	11.91	+0.22	11.90	+0.22
Roseires	10-8	20.29	+1.29	20.42	+1.47
Sennâr Res.	9-8	17.18	—	17.19	—
Khartûm	10-8	15.51	+0.44	15.48	+0.48
Kh. el Girba	9-8	14.40	+0.42	14.10	+0.18
'Atbara	10-8	14.91	+0.54	14.50	+0.26
Kajnarti	10-8	139.22	-0.24	139.13	-0.09
Wâdi Halfa	10-8	6.12	-0.02	6.12	+0.10
Aswân Res.	10-8	97.00	—	97.00	—
" D.S.	10-8	90.13	-0.17	90.13	+0.03
El Leisi	10-8	21.07	+1.13	20.83	+1.05
Rôda (Cairo)	10-8	17.14	+0.33	16.96	+0.42



STATION	At 8 h. on 9th — 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.	مصدر
Limassol	1005	-3	SW	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.8	+1.6	ESE	1	29.6	32	+1	25	+3	84	+16	0	—	—	—	0	365	647	حيفا
Gaza	1007.8	+0.5	—	0	26.2	35	+5	22	+2	73	+2	3	—	—	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

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 05 20 (h. m.)
sunset 18 40

Month *August* 1937 ١٩٣٧ شهر اغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 10th الساعة ٤ يوم ١٠ — At 8h. on Wednesday 11th الساعة ٨ يوم الاربعاء ١١

No.		STATION	14h 10th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h 11th: 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	1009.6	NNE	4	27.0	77	2	7	1010.4	-0.4	NW	2	24.9	28	—	21	—	83	—	1	7	Cu	0	0	105	—
		MATRÛH	1008.2	NNW	4	27.4	75	0	6	1008.7	-1.3	WNW	3	24.4	27	-1	22	+1	85	+6	0	6	Cu	1	0	182	158
		DIKHEILA								1008.5	—	NW	3	27.3	30	—	24	—	80	—	3	8	Cu	0	0	—	—
132		ALEXANDRIA	1007.5	NW	5	29.9	62	1	9	1008.3	-1.8	NW	2	26.1	31	0	24	+1	76	+2	2	9	Cu	2	0	167	190
159		DAMIETTA								1007.2	—	W	2	28.8	32	—	24	—	68	—	2	8	Cu	1	0	75	116
134		PORT SAÏD	1007.4	NW	4	30.3	58	0	8	1007.6	-0.6	NW	4	27	32	+1	25	+1	68	-4	2	7	Cu	1	0	38	82
135		EL 'ARÎSH	1007.6	NNW	1	30.0	76	0	7	1006.7	—	WSW	1	29.2	31	—	25	+	78	—	1	7	Cu	0	0	85	91
136	LOWER EGYPT	DAMANHÛR								1008.3	-1.0	WNW	2	28.1	33	0	21	+1	69	-3	1	7	Cu	0	0	78	110
137		MANSÛRA								1007.4	—	NW	1	26.5	33	-2	21	0	77	-1	0	7	Ci	1	0	45	57
138		TANTA	1006.7	NW	5	32.0	52	3	7	1008.2	-1.7	W	2	27.0	33	-3	19	-2	79	+4	3	6	Cu	2	0	54	48
		ZAGÂZÎG	1006.4	WNW	1	32.8	43	1	8	1008.6	—	WNW	1	26.8	33	-2	19	0	76	-3	1	8	Cs	1	0	20	28
	MIDDLE EGYPT, CAIRO	ALMÂZA	1007.6	WNW	3	32.0	36	2	8	1008.6	—	—	0	25.7	33	—	20	—	76	—	2	8	Sc	1	0	23	—
		EZBEKÎYA	1006.3	NW	1	33.7	40	0	8	1008.3	-1.3	—	0	26.9	35	0	22	0	80	+5	2	6	Cu	1	0	18	34
		GÎZA	1006.3	NNW	2	32.6	37	1	8	1008.4	-1.4	—	0	24.8	33	-2	19	-1	82	+5	2	6	Sc	1	0	16	31
143		HELWÂN	1006.2	NW	4	31.9	33	0	8	1008.6	-0.9	NW	1	24.4	33	-2	21	0	80	+13	1	4	Cu	0	0	17	35
144		SUEZ	1006.3	—	—	34.0	33	0	7	1008.6	-0.2	NNW	2	27.0	35	-1	24	+1	69	-6	1	7	—	1	0	13	26
153	UPPER EGYPT	FAIYÛM	1006.7	NNW	4	34.0	27	0	8	1008.4	-1.2	N	2	26.4	35	-1	21	0	72	+3	0	7	—	0	0	6	11
154		MINYA	1007.0	NE	2	35.4	27	0	9	1008.2	-0.6	N	2	26.8	36	0	21	0	59	-8	0	7	—	0	0	16	—
155		ASYÛT	1006.6	WNW	3	34.4	22	0	8	1008.0	-0.5	WNW	2	28.0	36	0	22	-1	51	0	0	7	—	0	0	dr	5
156		QENA	1005.0	WNW	5	38.6	19	0	8	1007.2	+0.4	WSW	2	30.3	39	-1	24	0	35	-7	0	7	—	0	0	dr	—
157		LUXOR	1005.3	NNW	3	37.2	25	0	8	1006.7	—	WSW	1	32.6	38	—	20	—	42	—	1	8	Cu	1	0	dr	—
158		ASWÂN	1003.6	N	3	38.6	24	0	8	1006.6	-0.8	—	0	30.6	40	-1	25	-1	44	+11	1	8	Ci	1	0	1	—
148	WESTERN DESERT	SÎWA	1007.6	—	0	36.8	33	0	6	1008.8	-2.0	—	0	28.9	37	-1	21	0	65	+4	0	6	—	0	0	29	7
149		BAHARÎYA	1007.5	WSW	1	35.0	29	0	9	1009.5	—	—	0	27.3	37	—	20	—	55	—	0	9	—	0	0	26	—
151		KHÂRGA	1005.8	NE	2	37.2	31	0	9	1008.3	+0.2	N	1	28.7	39	-1	22	0	44	0	0	9	—	0	0	0	dr
152		DÂKHLA	1006.8	NW	3	37.8	17	0	9	1009.3	0.0	NW	1	27.5	39	0	23	0	28	-7	0	9	—	0	0	dr	—
145	RED SEA	TÔR	1004.4	NW	5	32.8	50	0	6	1005.4	-0.8	NW	5	29.0	34	0	28	+4	71	-3	0	6	—	0	0	14	14
146		HURGHÂDA								1006.3	-0.2	NNW	3	31.0	35	0	26	+1	56	+4	0	6	—	0	0	dr	1
147		QUSEIR	1004.7	N	4	33.1	44	0	6	1006.0	-0.1	N	4	31.8	34	0	26	-1	45	0	0	6	—	0	0	1	7
169		PORT SUDAN								1005.1	-0.5	S	2	—	—	—	—	—	—	—	2	—	—	0	0	43	119
165	NORTH SUDAN	WÂDI HALFA								1008.3	+0.1	NNE	2	28.6	39	-1	25	+2	48	+19	0	7	Ci	0	—	—	—
166		KAREIMA								1007.7	-0.6	W	5	31.1	42	+1	29	+2	—	—	2	7	Ac	0	0	8	19
167		'ATBARA								1007.4	-0.8	SW	2	35.0	41	+1	27	+2	28	-12	0	—	—	0	0	75	48
168		KHARTÛM								1008.8	-0.5	SSW	4	27.8	39	+2	25	+1	63	-4	3	8	Sc, Ac	0	dr	96	87
170		KASSALA								1011.5	-0.2	S	4	24.1	34	+1	22	0	83	+13	4	8	Fb	1	3	156	194
171	CENTRAL SUDAN	WAD MEDANI								1010.8	0.0	SSW	3	25.0	33	-2	23	+1	80	+11	3	—	—	1	0	394	231
173		DUEIM																									
		RENK																									
172		ROSEIRES								1011.5	-0.4	WSW	2	21.9	29	-3	21	0	85	+4	2	—	—	8	6	565	482
174		EL OBEID								1011.1	-0.9	S	3	23.7	33	0	23	+2	83	+7	4	8	Cs, Sc	1	21	343	193
175		EL FÂSHER								—	—	SW	1	23.5	33	0	23	+3	83	+12	4	—	—	0	0	123	191
176	S. SUDAN	MALAKÂL								1011.9	-0.9	SSE	1	23.8	26	-5	21	0	91	+6	4	8	As	1	2	584	606
177		WÂU								1011.4	-0.1	NW	1	23.6	31	0	21	+1	86	+2	2	—	—	0	0	665	814
178		JÛBA								1013.3	+0.5	SE	2	21.8	31	0	19	-1	91	+4	8	5	Sc	8	4	831	720
179		Geneina								—	—	S	3	21.2	30	—	20	—	91	—	5	7	—	8	8	—	—
180		Gallabat																									

Upper Wind Observations on 11th ارصاد الرياح العليا يوم ١١

Height metres above M.S.L.	Salum 07h 00m Dir.	Kms. per hour	Matruh 07h 00m Dir.	Kms.	Dikheila h. m. Dir.	Kms.	Cairo 08h 08m 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 07h 00m Dir.	Kms.	Malakal 06h 00m Dir.	Kms.	Salum 10th 13h 00m Dir.	Kms.	Almaza 10th 12h 45m Dir.	Kms.
200	340	10	340	23	310	13	20	5	320	7	—	—	—	—	30	8	—	—	—	—	—	—	—	—	—	—	0	29	310	6
500	?	12	350	24	330	17	20	14	30	8	20	23	350	16	60	24	270	14	210	29	—	—	—	—	120	24	—	—	300	7
1000	0	7	0	12	320	21	10	23	10	22	340	36	340	23	30	21	350	5	240	43	200	40	230	35	160	8	320	36	310	13
1500	320	11	330	18	310	29	330	22	330	24	310	38	330	39	350	11	40	27	240	23	210	60	230	27	280	6	310	32	310	16
2000	330	17							320	31			310	60	300	27	10	18	330	11			180	27	320	16	Ent. Cu		270	20
3000	300	14							320	4							10	27					70	40					Ent. Cu	
4000									260	17													70	40						
5000									240	24																				
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	77	+5	23.7	+1.1
Ezbekîya	63	+1	23.4	+0.4
Gîza	66	+2	22.8	+0.5
Helwân	57	+7	21.1	+0.8

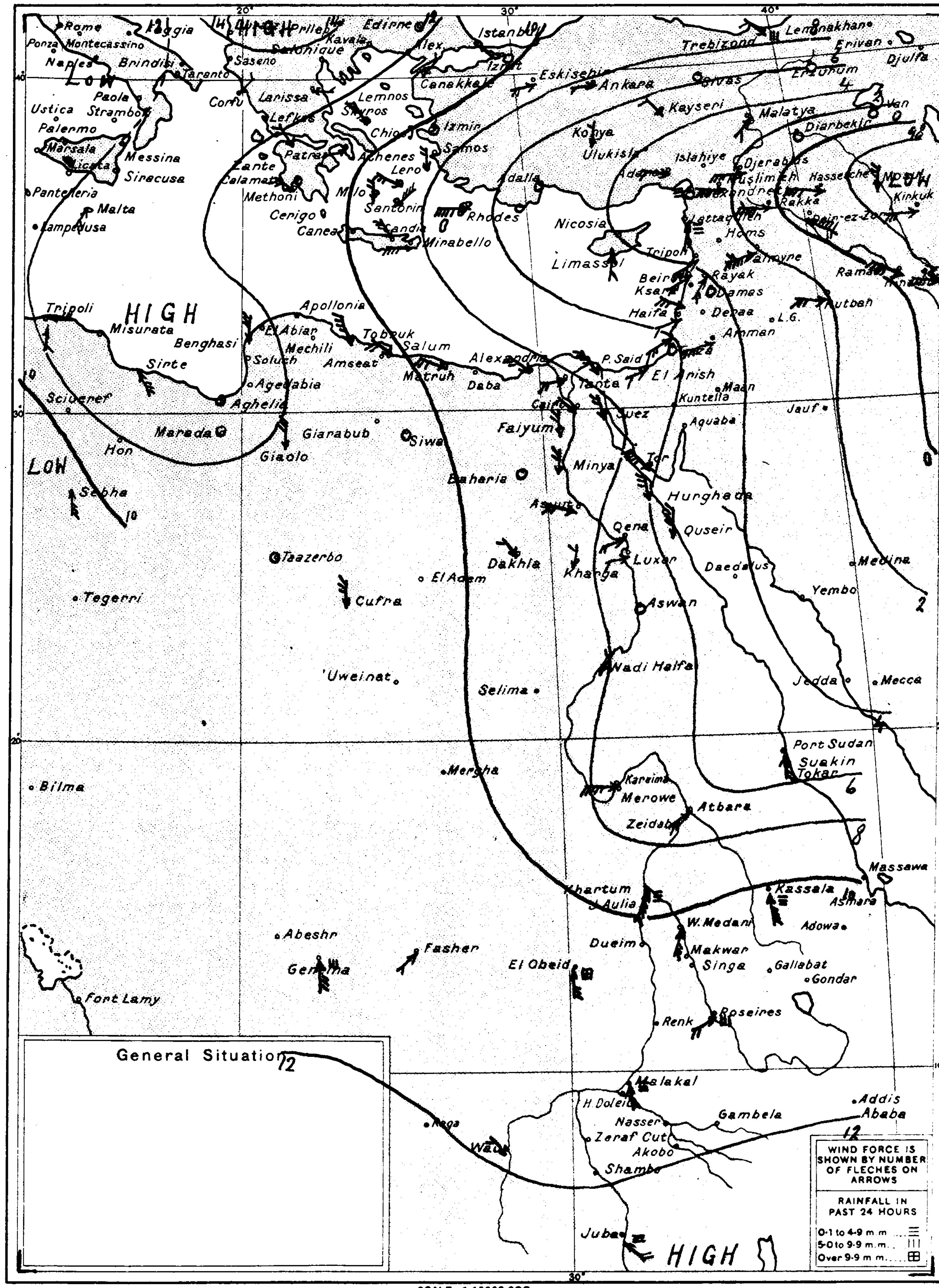
Gîza Grass minimum on 11th 13.7 °C

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

DATE	1937	1936
11-8	5222	6420
10-8	5188	6099

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-8	13.87	+0.14	13.78	+0.06
Nâsser	9-8	9.78	+0.11	9.76	+0.11
Malakâl	11-8	11.92	+0.21	11.91	+0.22
Roseires	11-8	20.13	+1.06	20.29	+1.29
Sennâr Res.	10-8	17.21	—	17.18	—
Khartûm	11-8	15.61	+0.49	15.51	+0.44
Kh. el Girba	10-8	14.20	+0.17	14.40	+0.42
'Atbara	11-8	15.02	+0.59	14.91	+0.54
Kajnarti	11-8	139.94	+0.31	139.22	-0.24
Wâdi Halfa	11-8	6.45	+0.15	6.12	-0.02
Aswân Res.	11-8	97.00	—	97.00	—
,, D. S.	11-8	90.14	-0.41	90.13	-0.17
El Leisi	11-8	21.21	+1.10	21.07	+1.13
Rôda (Cairo)	11-8	17.30	+0.57	17.14	+0.53

١١-٨-٣٧ Pressure and Wind at 8 h. 11-8-37



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 10th الساعة ٨ يوم ١٠

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
Limassol	1005	-3	SW	3	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1006.6	+0.4	WSW	1	29.6	30	-1	24	+2	79	+11	0	—	—	—	0	365	647	حيفا
Gaza	1006.7	-0.7	—	0	27.7	34	+4	21	+1	70	-1	2	5	—	1	0	395	376	غزة
Hurghada	1005.9	-0.6	NNW	4	31.0	34	-1	28	+3	54	+2	0	6	—	0	0	dr	1	الغردقة

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. 21
sunset h. 18 m. 39

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *August* 1937 ١٩٣٧ شهر أغسطس

No.	STATION	At 14h. on 11th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 12th — 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																									
	SALÛM	1010.3	N	4	27.2	71	2	8	1011.9	+1.1	NNW	4	25.0	29	—	21	—	80	—	1	7	Cu	1	0	105	—
	MATRÛH	1009.1	NNW	3	28.0	72	0	6	1010.0	-0.1	W	3	25.8	28	0	21	0	82	+3	2	6	Cu	1	0	182	158
	DIKHEILA								1009.5	—	WNW	4	26.9	27	—	25	—	82	—	3	8	Cu	2	0	145	—
132	ALEXANDRIA	1008.6	NW	5	29.9	65	2	9	1009.3	-0.8	W	3	26.2	31	0	24	+1	76	+2	2	9	Cu	2	0	167	190
159	DAMIETTA								1008.4	—	NW	2	28.0	32	—	22	—	70	—	2	8	Cu	1	0	75	116
134	PORT SAÏD	1007.8	NW	4	31.2	58	0	8	1008.7	+0.4	SW	4	26.6	32	+1	25	+1	81	+9	1	7	Cu	1	0	38	82
135	EL 'ARÎSH	1006.6	NNW	2	30.0	80	0	7	1008.0	—	WSW	2	28.5	31	—	24	—	80	—	0	7	—	0	0	85	91
	LOWER EGYPT																									
136	DAMANHÛR								1009.4	+0.1	WNW	3	28.8	32	-1	20	0	69	-3	1	8	Cu	0	0	78	110
137	MANSÛRA								1008.4	—	S	1	26.3	34	-1	21	0	73	-5	8	8	—	0	0	45	57
	TANTA	1007.2	NNW	5	32.0	54	2	7	1009.3	-0.7	NW	2	26.5	33	-3	19	-2	80	+5	3	6	Cu	1	0	54	48
	ZAGÂZÎG	1007.4	NNW	1	32.9	46	0	8	1009.6	—	WNW	1	26.4	33	-2	19	0	80	+1	0	8	Ci	1	0	20	28
	MIDDLE EGYPT — CAIRO																									
	ALMÂZA	1008.0	WNW	3	32.4	37	1	8	1009.9	—	NNW	2	25.9	33	—	19	—	76	—	3	8	Sc	2	0	23	—
	EZBEKÎYA	1007.1	WNW	1	33.8	40	0	8	1009.5	-0.2	—	0	26.0	35	0	22	0	82	+7	4	7	Sc	1	0	18	34
	GÎZA	1007.0	N	2	32.7	42	0	8	1009.6	-0.3	N	1	25.1	34	-1	19	-1	84	+6	4	6	Sc	1	0	16	31
143	HELWÂN	1006.8	WNW	3	31.9	35	0	6	1009.5	0.0	—	0	24.5	33	-2	21	0	80	+13	2	6	Cu	1	0	17	35
144	SUEZ	1007.0	N	2	34.1	33	0	7	1009.3	+0.4	NNW	2	27.1	35	-1	24	+1	69	-6	2	7	—	1	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1007.4	NNW	3	33.3	29	0	8	1009.8	+0.2	N	2	26.3	35	-1	21	0	70	+1	2	7	Cu	0	0	6	11
154	MINYA	1007.0	NNW	3	35.0	27	0	6	1009.3	+0.4	N	2	27.4	35	-1	21	0	59	-8	0	8	—	0	0	16	—
155	ASYÛT	1007.1	NNW	3	34.8	24	0	8	1008.8	+0.2	SW	2	28.0	36	0	22	-1	51	0	0	7	—	0	0	dr	5
156	QENA	1005.3	WSW	4	38.2	18	0	8	1007.5	+0.6	WNW	1	31.0	39	-1	24	0	38	-4	0	7	—	0	0	dr	—
157	LUXOR	1005.8	WNW	4	36.6	28	1	7	1007.6	—	WSW	2	32.6	38	—	23	—	40	—	0	8	—	0	0	dr	—
158	ASWÂN	1004.0	N	3	39.0	27	3	8	1007.4	-0.1	—	0	30.6	41	0	25	-1	50	+17	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1008.6	—	0	36.0	43	0	6	1010.4	-0.5	—	0	27.1	38	0	21	0	72	+11	0	6	—	0	0	29	7
149	BAHARÎYA	1007.8	NNW	2	34.8	31	0	9	1010.0	—	N	1	26.8	36	—	20	—	61	—	0	9	—	0	0	26	—
151	KHÂRGA	1005.0	N	3	38.7	20	0	9	1008.8	+0.6	N	3	30.6	40	0	23	+1	45	+1	0	9	—	0	0	0	dr
152	DÂKHLA	1006.6	NNW	4	38.5	15	0	7	1009.9	+0.5	NW	1	28.5	40	+1	24	+1	33	-2	0	8	—	0	0	dr	—
	RED SEA																									
145	TÔR	1004.6	NW	6	31.5	63	0	6	1006.0	-0.3	NW	5	28.5	34	0	27	+3	81	+7	0	6	—	0	0	14	14
146	HURGHÂDA								1007.4	+0.9	NNW	5	30.0	35	0	26	+1	61	+9	0	6	—	1	0	dr	1
147	QUSEIR	1005.1	NNW	3	33.1	47	0	6	1006.6	+0.4	NNW	3	30.8	34	0	26	-1	55	+10	0	6	—	0	0	1	7
169	PORT SUDAN								1006.3	+0.7	SW	1	—	—	—	—	—	—	—	3	—	—	1	0	43	119
	NORTH SUDAN																									
165	WÂDI HALFA								1008.1	-0.2	NNE	1	29.8	40	0	26	+3	39	+10	0	7	—	0	—	—	—
166	KAREIMA								1007.3	-1.0	W	2	33.8	41	0	29	+2	—	—	0	8	—	0	0	8	19
167	'ATBARA								1008.4	+0.2	SW	3	31.0	41	+1	27	+2	40	0	0	—	—	0	0	75	49
168	KHARTÛM								1009.1	-0.2	S	4	28.0	36	-1	25	+1	63	-4	3	8	Ac	0	0	96	89
170	KASSALA								1010.3	-1.4	SSE	3	24.7	31	-2	20	-2	76	+6	0	8	Ac	0	0	156	198
	CENTRAL SUDAN																									
171	WAD MEDANI								1009.8	-1.0	SSW	2	26.2	32	-3	22	0	75	+6	1	—	—	0	0	394	236
173	DUEIM								1009.8	-1.2	E	3	26.4	32	-4	23	+1	75	+3	0	—	—	0	0	261	184
	RENK																									
172	ROSEIRES								1010.4	-1.5	W	2	23.6	29	-3	20	-1	88	+7	1	—	—	0	0	565	489
174	EL OBEID								1010.5	-1.5	SSW	2	25.3	31	-2	23	+2	84	+8	3	8	Ac	0	0	343	197
175	EL FÂSHER								—	—	W	2	22.0	31	-2	20	0	82	+11	0	—	—	0	0	423	196
	S. SUDAN																									
176	MALAKÂL								1011.0	-1.8	WNW	2	23.9	31	0	21	0	91	+6	4	8	Ac	2	2	586	612
177	WÂU								1011.8	+0.3	SW	1	22.6	30	-1	21	+1	90	+6	4	—	—	1	0	665	821
178	JÛBA								1012.8	0.0	NW	4	22.9	32	+1	21	+1	83	-4	8	6	ScCb	5	dr	831	723
179	Geneina								—	—	E	3	21.2	29	—	20	—	91	—	4	8	Ns	2	40	—	—
180	Gallabat																									

الساعة ١٤ يوم ١١ — الساعة ٨ يوم الخميس ١٢

Upper Wind Observations on 12th — 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.15m. 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.	Kassala 06h.00m. Dir.	Kms.	Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Salum 11th 13h.00m. Dir.	Kms.	Almaza 11th 12h.15m. Dir.	Kms.
200	340	14	310	20	290	17	0	8	330	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	23	280	16
500	—	—	320	26			10	11	10	15	10	33	350	26	270	21	—	—	—	—	340	13	—	—	—	—	—	—	280	17
1000	0	25	330	26			Ent	Sc	0	23	340	40	350	32	310	24	60	14	240	18	290	16	60	48	220	5	260	17	300	21
1500	350	22	340	23					340	30	330	42	320	43	30	14	200	18	250	10	250	11			200	11			310	31
2000	330	26	330	19					330	25	330	35	290	6	20	27	210	24	120	5	230	23			160	14			330	30
3000									330	6					20	21					350	5			140	24			300	19
4000									210	14											210	8			120	43				
5000									270	15															100	43				
6000									150	12																				
7000									160	12																				

Forecast for 24 hours from noon on……

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

STATION	Mean of day — Humidity % on 11th	Diff. from normal	Wet Bulb Temp. °C on 11th	Diff. from normal
Alexandria	75	+4	23.8	+1.2
Ezbekiya	67	+5	23.7	+0.7
Giza	68	+4	22.8	+0.5
Helwân	61	+10	21.4	+1.1

Giza Grass minimum on 12th 13.6°c

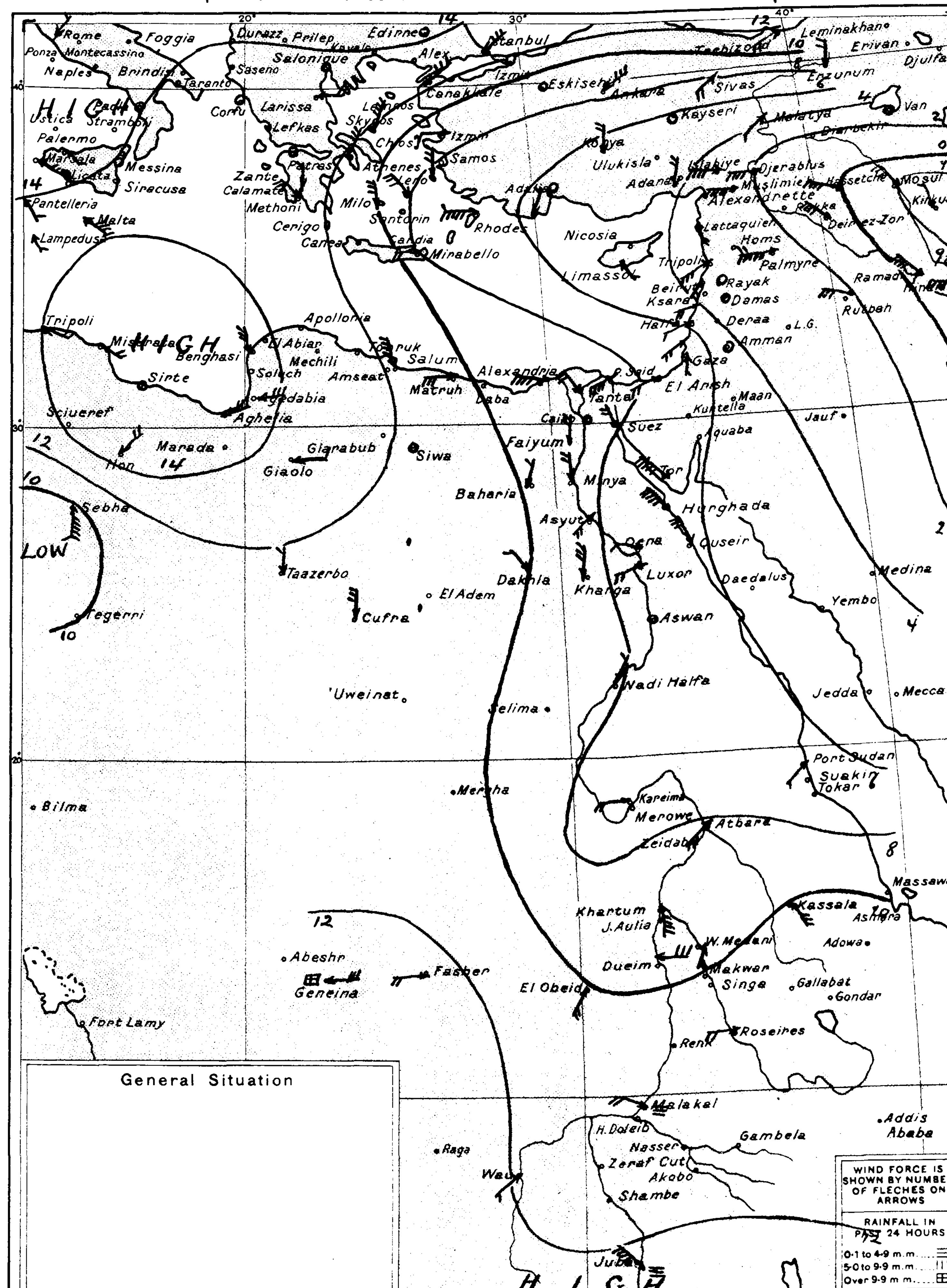
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
12.8	5400	6556
11.8	5222	6420

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12.8	14.21	+0.47	13.80	+0.07
Nâsser	10.8	9.83	+0.15	9.78	+0.11
Malakâl	12.8	11.94	+0.22	11.92	+0.21
Roseires	12.8	19.30	+0.18	20.13	+1.06
Sennâr Res.	11.8	17.20	—	17.21	—
Khartûm	12.8	15.72	+0.57	15.61	+0.49
Kh. el Girba	11.8	14.00	-0.10	14.20	+0.17
'Atbara	11.8	15.02	+0.57	14.91	+0.54
Kajnarti	12.8	14.47	+0.62	13.94	+0.31
Wâdi Halfa	12.8	6.92	+0.44	6.45	+0.15
Aswân Res.	12.8	97.00	—	97.00	—
,, D. S.	12.8	90.26	-0.49	90.14	+0.41
El Leisi	11.8	21.30	+0.97	21.21	+1.10
Rôda (Cairo)	12.8	17.42	+0.54	17.30	+0.57

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

١٢ - ٨ - ٣٧ Pressure and Wind at 8h. 12.8.37



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 11.8.37 — الساعة ٨ يوم ١١ - ٨ - 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 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	1005	-3	S	1	28	—	—	—	—	—	—	0	—	—	—	—	—	—		ليماسول
Haifa	1005.4	-0.9	NSW	1	28.6	29	-2	24	+2	71	+3	0	—	—	—	0	365	647		حيفا
Gaza	1007.0	-0.4	—	0	27.1	34	+4	21	+1	72	+1	2	6	—	1	0	395	376	X	غزه

Remarks

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

CAIRO

Time of sunrise 5 21

sunset 18 38

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

DAILY WEATHER REPORT

Month August 1937 ١٩٣٧ شهر أغسطس ١٣-٨-١٩٣٧ Pressure and Wind at 8 h. 13 - 8 - 1937

	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
	MEDITERRANEAN							
	SALÛM	1011.4	NNE	5	29.0	54	0	8
	MATRÛH	1009.9	NW	4	28.0	72	0	6
	DIKHEILA							
	ALEXANDRIA	1008.8	NNW	5	29.3	67	2	9
	DAMIETTA							
	PORT SAÏD	1008.0	NE	4	33.1	49	0	8
135	EL 'ARÎSH	1007.6	NNW	2	30.0	80	0	7
	LOWER EGYPT							
136	DAMANHÛR							
137	MANSÛRA							
	TANTA	1007.9	NW	3	32.0	54	2	7
	ZAGAZIG	1007.8	WNW	1	33.4	47	1	8
	MIDDLE EGYPT							
	CAIRO ALMÁZA	1007.8	NW	3	32.3	37	1	8
	CAIRO EZBEKÎYA	1007.5	NNW	1	33.7	45	0	8
	CAIRO GÎZA	1007.5	NW	3	32.7	45	0	8
	CAIRO HELWÂN	1007.5	NW	2	31.9	38	0	6
144	SUEZ	1008.0	N	3	33.5	28	0	7
153	**UPPER EGYPT** FAIYÛM	1007.8	NNW	3	34.0	30	0	8
154	MINYA	1007.5	N	3	34.7	30	0	6
155	ASYÛT	1007.1	NW	3	34.6	25	0	8
156	QENA	1005.6	NW	5	39.1	17	0	8
157	LUXOR	1005.6	NNW	4	37.2	28	0	8
158	ASWÂN	1004.8	NW	3	39.0	17	0	8
148	**WESTERN DESERT** SÎWA	1009.5	NW	1	35.5	47	0	6
149	BAHARÎYA	1008.6	NW	3	34.8	35	0	9
151	KHÂRGA	1007.1	N	2	37.0	28	0	9
152	DÂKHLA	1008.4	NNW	4	35.7	18	0	8
145	**RED SEA** TÛR	1005.4	NW	5	30.1	78	0	6
146	HURGHÂDA							
147	QUSEIR	1006.0	N	3	32.1	60	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	Gallabat							

	STATION	At 8h. on Friday 13th الساعة ٨ يوم الجمعة 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.
	MEDITERRANEAN																		
	SALÛM	1011.5	+0.6	NNW	3	25.4	30	—	22	—	75	—	0	7	—	0	0	105	—
	MATRÛH	1010.0	-0.2	WNW	3	25.4	28	0	22	+1	86	+7	1	6	Cu	1	0	182	158
	DIKHEILA	1009.8	—	WNW	4	26.8	29	—	25	—	86	—	2	8	Sc	0	0	145	—
	ALEXANDRIA	1009.3	-0.9	NW	2	26.2	31	0	25	+2	77	+3	2	9	Cu	2	0	167	190
	DAMIETTA	1008.2	—	N	1	29.8	33	—	22	—	71	—	2	8	Cu	1	0	75	116
	PORT SAÏD																		
135	EL 'ARÎSH	1008.6	—	WSW	1	29.7	30	—	24	—	75	—	0	7	—	0	0	85	91
	LOWER EGYPT																		
136	DAMANHÛR	1009.1	-0.3	WNW	3	28.1	32	-1	21	+1	64	-8	1	8	Cu	0	0	78	110
137	MANSÛRA	1008.2	—	N	1	26.5	34	-1	21	0	75	-3	0	8	—	0	0	45	57
	TANTA	1009.1	-1.0	NW	2	27.0	33	-3	20	-1	77	+2	2	7	Cc	1	0	54	48
	ZAGAZIG	1009.3	—	WNW	1	26.9	33	-2	20	+1	76	-3	0	8	Ci	1	0	20	28
	MIDDLE EGYPT																		
	CAIRO ALMÁZA	1009.9	—	WNW	3	25.6	33	—	21	—	79	—	3	7	Sc	2	0	23	—
	CAIRO EZBEKÎYA	1009.3	-0.5	—	0	27.0	35	0	23	+1	82	+7	3	5	Cu	1	0	18	34
	CAIRO GÎZA	1009.3	-0.6	NNW	1	25.9	34	-1	21	+1	85	+7	3	6	Sc	1	0	16	31
	CAIRO HELWÂN	1009.6	0.0	—	0	24.6	34	-1	21	0	80	+3	2	6	Cu	2	0	17	35
144	SUEZ	1009.3	+0.4	NNW	1	27.1	35	-1	24	+1	69	-6	1	7	—	1	0	13	26
153	**UPPER EGYPT** FAIYÛM	1010.7	+1.0	N	3	26.8	37	+1	21	0	69	0	1	7	Cu	0	0	6	11
154	MINYA	1008.8	-0.2	NNE	2	27.0	35	-1	22	+1	66	-2	0	7	—	0	0	16	—
155	ASYÛT	1009.0	+0.3	WSW	3	28.0	36	0	22	-1	58	+7	0	7	—	0	0	dr.	5
156	QENA	1007.4	+0.4	NW	1	31.5	40	0	25	+1	42	-1	0	7	—	0	0	dr.	—
157	LUXOR	1007.2	—	NE	2	32.3	39	—	21	—	41	—	0	8	—	0	0	dr.	—
158	ASWÂN	1007.5	0.0	N	2	31.0	40	-1	25	-1	32	-1	0	8	—	0	0	1	—
148	**WESTERN DESERT** SÎWA	1011.9	+1.0	—	0	25.2	38	0	21	0	86	+25	1	6	Ci	1	0	29	7
149	BAHARÎYA	1010.7	—	NNE	1	25.0	36	—	20	—	76	—	0	9	—	0	0	26	—
151	KHÂRGA	1009.0	+0.7	N	1	29.4	38	-2	23	+1	49	+5	0	9	—	0	0	0	dr.
152	DÂKHLA	1010.7	+1.3	NW	2	29.0	37	-2	23	0	29	-7	0	8	—	0	0	dr.	—
145	**RED SEA** TÛR	1006.4	+0.1	NW	5	28.5	33	-1	22	-2	74	0	0	5	—	0	0	14	14
146	HURGHÂDA	1007.2	+0.6	NNW	5	31.2	34	-1	25	0	55	+4	0	6	—	1	0	dr.	1
147	QUSEIR	1006.7	+0.4	NNW	2	31.7	34	0	26	-1	34	-11	0	6	—	0	0	1	7
169	PORT SUDAN	1005.5	-0.2	SE	1	—	—	—	—	—	—	—	0	—	—	0	0	43	120
165	**NORTH SUDAN** WÂDI HALFA	1008.4	+0.1	NNE	3	30.4	40	0	27	+4	33	+3	0	8	Ci	0	—	—	—
166	KAREIMA	1006.7	-1.6	NE	3	33.8	42	+1	27	0	—	—	2	8	Ci	0	0	8	20
167	'ATBARA	1005.8	-2.4	SW	3	33.5	40	0	29	+4	34	-6	0	—	—	0	0	75	50
168	KHARTÛM	1007.7	-1.6	SSW	3	29.7	37	0	24	0	59	-8	4	8	Acc	0	0	96	92
170	KASSALA	1008.4	-3.5	S	4	27.2	35	+2	22	0	69	-1	1	8	Ac.	0	0	156	202
171	**CENTRAL SUDAN** WAD MEDANI	1009.5	-1.3	SSW	3	25.9	36	+1	24	+2	77	+8	3	—	—	1	dr.	394	241
173	DUEIM	1009.9	-1.1	SE	3	26.8	35	0	25	+3	80	+8	4	—	—	2	0	261	187
	RENK																		
172	ROSEIRES	1011.6	-0.3	WNW	2	20.7	34	+2	20	-1	95	+14	5	—	—	6	43	608	496
174	EL OBEID	1010.0	-2.0	SW	3	25.0	31	-2	22	+1	76	0	4	8	Sc.	1	0	343	201
175	EL FÂSHER	—	—	NW	3	25.0	34	+1	21	+1	72	+1	1	—	—	0	0	123	201
176	**S. SUDAN** MALAKÂL	1011.4	-1.3	SSW	4	24.9	30	-1	22	+1	84	0	4	8	Cb.	2	dr.	586	618
177	WÂU	1013.0	+1.5	W	2	23.0	31	0	22	+2	91	+7	4	—	—	0	8	673	828
178	JÛBA	1013.7	+0.9	SE	2	23.2	29	-2	19	-1	91	+4	8-	6	Sc.	8	dr.	831	726
179	Geneina	--	—	NE	3	20.9	27	—	20	—	91	—	4	8	Fn	1	4	—	—
180	Gallabat																		

Upper Wind Observations on 13th ارصاد الرياح العليا يوم ١٣

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	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	Malakal 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	Salum 13h. 00m. Dir. E. of N.	Kms. per hour	Almaza 11h 45m. Dir. E. of N.	Kms. per hour
200	30	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	28	300	26
500	20	39	50	26	200	24	—	—	—	—	170	19	—	—	—	—	—	—	320	8
1000	10	37	50	40	220	37	190	39	210	16	210	21	40	19	0	27	320	20	310	20
1500	320	26	50	19	280	31	260	21	100	11	210	19	40	21	0	48			330	23
2000	300	31	350	6	350	14	10	16	20	18	230	14	140	11					310	20
3000	300	31	300	5							300	6	160	18					300	13
4000	240	34											270	14						
5000																				
6000																				

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

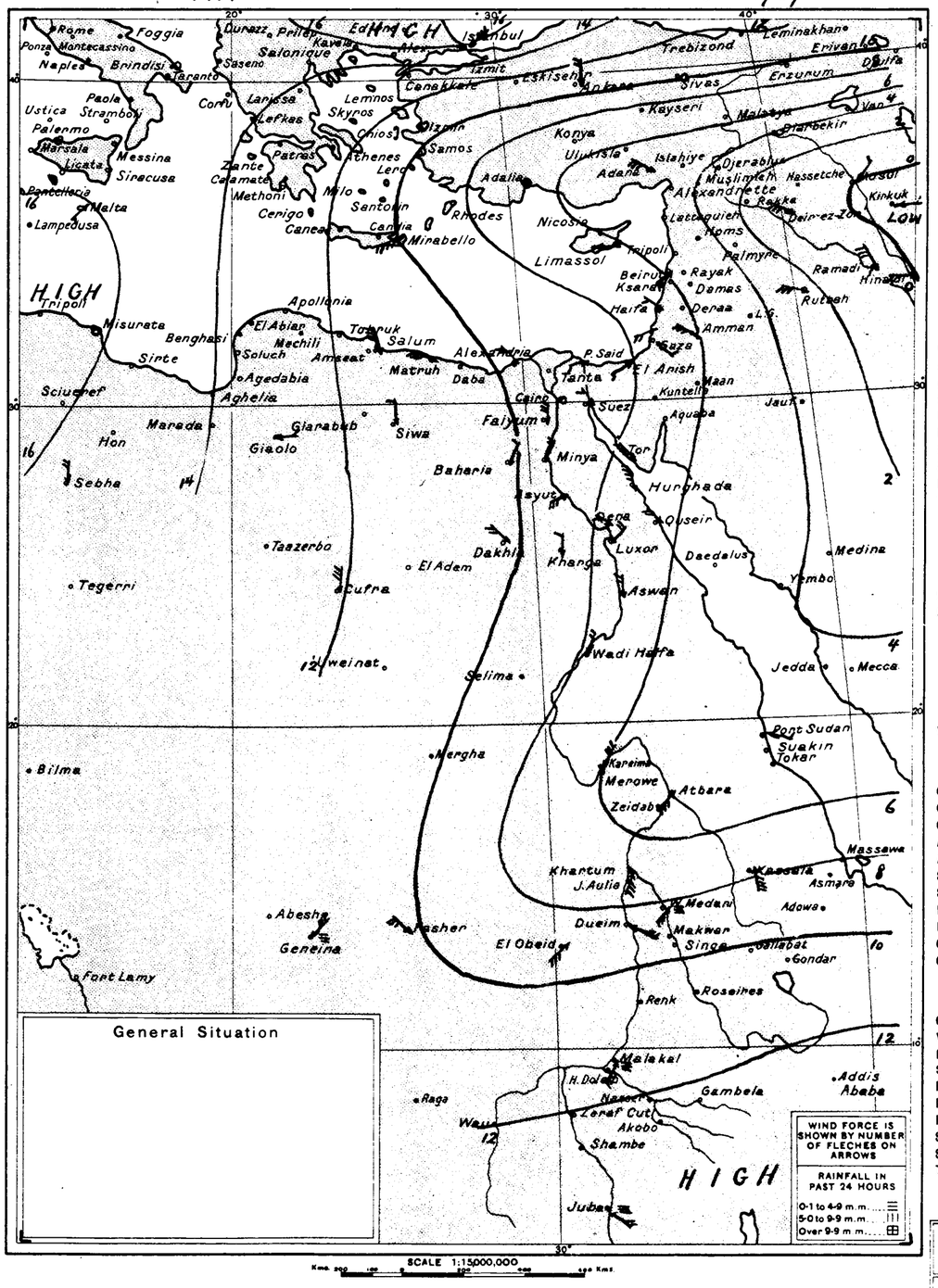
STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet Bulb Temp. °C on 12th	Diff. from normal
Alexandria	75	+4	23.8	+1.3
Ezbekiya	68	+6	24.0	+1.0
Gîza	75	+11	23.6	+1.3
Helwân	62	+11	22.0	+1.7

Gîza Grass minimum on 13th 15.8 °C

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

DATE	1937	1936
13-8	5288	6664
12-8	5400	6556

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13-8	14.14	+0.40	14.21	+0.47
Nâsser	10-8	9.83	+0.15	9.78	+0.11
Malakâl	13-8	11.94	+0.20	11.94	+0.22
Roseires	13-8	20.00	+0.84	19.30	+0.18
Sennâr Res.	13-8	17.18	—	17.18	—
Khartûm	13-8	15.74	+0.55	15.72	+0.57
Kh. el Girba	13-8	14.75	+0.48	14.64	+0.51
'Atbara	13-8	15.05	+0.47	14.94	+0.42
Kajnarti	13-8	140.43	+0.37	140.47	+0.62
Wâdi Halfa	13-8	6.97	+0.35	6.92	+0.44
Aswân Res.	13-8	97.03	—	97.00	—
" D. S.	13-8	90.75	-0.13	90.26	-0.49
El Leisi	13-8	21.32	+0.73	21.30	+0.97
Rôda (Cairo)	13-8	17.47	+0.45	17.42	+0.54



STATION	At 8 h. on 12-8-37 الساعة ٨ يوم ١٢-٨-١٩٣٧ 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	1007	-1	SE	1	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.6	+1.3	WSW	1	28.9	29	-2	24	+2	71	+3	0	—	—	—	0	365	647	حيفا
Gaza	1007.6	+0.2	S	1	27.7	33	+3	21	+1	70	-1	1	7	1	0	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

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

CAIRO
Time of sunrise 05 22 h. m.
sunset 18 37

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

DAILY WEATHER REPORT

Month *August,* 1937 ١٩٣٧ شهر أغسطس

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 Saturday 14th (السبت ١٤): 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																									
SALÛM	1011.1	N	5	29.3	56	0	7	1011.2	+0.3	NNW	4	25.1	31	—	21	—	77	—	0	7	Cu	0	0	105	
MATRÛH	1009.4	NNW	4	27.8	74	0	6	1009.3	−0.9	NNW	3	25.3	29	+1	22	+1	88	+9	1	6	Cu	1	0	182	158
DIKHEILA	1008.8	NW	4	28.0	84	1	8	1008.7	—	NNW	1	26.9	29	—	24	—	84	—	3	8	Sc	2	0	145	—
132 ALEXANDRIA	1008.4	NW	4	29.3	69	1	9	1008.4	−1.9	NW	1	26.3	31	0	24	+1	81	+8	3	8	Cu	2	0	167	190
159 DAMIETTA								1007.5	—	S	2	27.2	33	—	21	—	71	—	1	7	Cc	2	0	75	116
134 PORT SAÎD								1008.3	−0.1	SW	2	26.6	32	+1	23	−1	74	+2	1	8	Sc	1	0	38	82
135 EL ʿARÎSH	1007.0	NNW	2	30.0	71	0	7	1007.4	—	WSW	1	28.5	31	—	23	—	75	—	1	7	Sc	0	0	85	91
LOWER EGYPT																									
136 DAMANHÛR								1008.6	−0.9	SSW	1	27.3	32	−1	22	+2	75	+3	3	7	Cu	1	0	78	110
137 MANSÛRA								1008.2	—	SW	1	25.7	35	0	22	+1	73	−5	1	7	Cs	1	0	45	57
TANTA	1008.0	NW	4	33.0	50	2	7	1008.4	−1.8	SW	2	27.0	34	−2	21	0	73	−2	3	6	Cu	2	0	54	48
ZAGÂZÎG	1007.2	NNW	2	33.1	48	0	8	1008.6	—	WNW	1	27.2	34	−1	20	+1	70	−9	0	8	Ci	1	0	20	28
MIDDLE EGYPT																									
CAIRO ALMÂZA	1007.8	NNW	4	32.9	47	2	8	1009.0	—	N	2	25.9	34	—	21	—	71	—	1	8	St	2	0	23	—
CAIRO EZBEKÎYA	1007.0	NNW	1	34.0	42	1	8	1008.6	−1.2	WSW	1	27.2	35	0	24	+2	72	−3	0	6	—	1	0	18	34
CAIRO GÎZA	1007.0	NNW	2	32.8	43	1	8	1008.6	−1.3	NW	1	25.4	35	0	21	+1	78	0	1	6	St	1	0	16	31
143 HELWÂN	1007.0	WNW	4	32.6	31	0	8	1009.0	−0.7	—	0	24.4	34	−1	21	0	74	+7	1	5	St	0	0	17	35
144 SUEZ	1007.5	NNW	3	34.0	30	0	7	1008.0	−1.0	N	2	27.0	35	−1	24	+1	73	−2	0	7	—	0	0	13	26
UPPER EGYPT																									
153 FAIYÛM	1007.8	NNW	3	33.7	27	0	8	1009.0	−0.8	NNW	3	26.1	36	0	21	0	70	+1	0	6	—	0	0	6	11
154 MINYA	1007.9	NNE	3	33.5	37	0	6	1008.7	−0.3	N	1	28.0	35	−1	22	+1	63	−5	0	8	—	0	0	16	—
155 ASYÛT	1006.7	WSW	3	34.0	27	0	8	1008.6	−0.2	WNW	—	27.5	36	0	22	−1	54	+2	0	7	—	0	0	dr	5
156 QENA	1005.9	NW	5	39.0	14	0	8	1007.8	+0.8	WSW	2	31.0	39	−1	26	+2	27	−16	0	8	—	0	0	dr	—
157 LUXOR	1005.8	NNW	3	37.2	31	0	8	1007.5	—	SW	1	32.4	38	—	21	—	42	—	0	8	—	0	0	dr	—
158 ASWÂN	1005.4	N	2	38.0	23	0	8	1007.6	+0.1	—	0	30.0	39	−2	24	−2	36	+3	0	8	—	0	0	1	—
WESTERN DESERT																									
148 SÎWA	1009.1	NW	1	35.2	33	0	6	1011.4	+0.5	NW	1	24.4	38	0	22	+2	88	+27	0	6	—	0	0	29	7
149 BAHARÎYA	1008.2	NNW	1	35.0	31	0	9	1009.8	—	NNE	1	26.0	36	—	21	—	76	—	0	9	—	0	0	26	—
151 KHÂRGA	1008.0	N	2	36.8	30	0	9	1009.0	+0.7	—	0	28.3	38	−2	22	0	45	+1	0	9	—	0	0	0	dr
152 DÂKHLA	1008.0	NNW	3	36.5	18	0	8	1010.2	+0.7	NW	2	29.0	37	−2	21	−2	29	−7	0	8	—	0	0	dr	—
RED SEA																									
145 TÔR	1005.1	NW	5	30.5	45	0	6	1006.7	+0.4	NW	4	29.0	32	−2	23	−1	81	+7	0	6	—	0	0	14	14
146 HURGHÂDA								1007.5	+0.9	NNW	3	31.4	34	−1	25	0	55	+4	0	6	—	0	0	dr	1
147 QUSEIR	1005.9	N	4	32.1	58	0	6	1007.1	+0.8	—	0	33.2	34	0	25	−2	42	−3	0	6	—	0	0	1	7
169 PORT SUDAN																									
NORTH SUDAN																									
165 WÂDI HALFA								1009.2	+0.9	NNE	1	28.8	39	−1	25	+2	29	−1	0	8	—	0	—	—	—
166 KAREIMA																									
167 ʿATBARA																									
168 KHARTÛM								1011.9	+2.6	S	3	23.7	33	−4	20	−4	83	+6	5	8	Sc	8	5	101	94
170 KASSALA																									
CENTRAL SUDAN																									
171 WAD MEDANI																									
173 DUEIM																									
182 RENK																									
172 ROSEIRES								1013.0	+1.1	SSW	2	24.7	30	−2	20	−1	77	−4	1	—	—	8	dr	608	503
174 EL OBEID																									
175 EL FÂSHER								—	—	SW	3	21.0	37	+4	19	−1	87	+16	2	—	—	0	56	179	206
S. SUDAN																									
176 MALAKÂL																									
177 WÂU								1012.4	+0.9	S	2	23.4	31	0	22	+2	88	+4	4	—	—	1	0	673	835
178 JÛBA																									
179 Geneina / 180 Gallabat								—	—	SE	3	20.6	28	—	19	—	82	—	4	8	Fn	1	1	—	—

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.	Helwan 08h45m. Dir.	Helwan Kms.	Asyut 07h00m. Dir.	Asyut Kms.	Aswan 07h00m. Dir.	Aswan Kms.	Wadi Halfa 06h00m. Dir.	Wadi Halfa Kms.	Khartum 05h00m. Dir.	Khartum Kms.	Geneina 07h00m. Dir.	Geneina Kms.	Almaza 12h00m. Dir.	Almaza Kms.	Ismailia 07h[illegible]m. Dir.	Ismailia Kms.	Abukir 07h00m. R.A.F. Dir.	Abukir Kms.	Heliopolis 07h00m. R.A.F. Dir.	Heliopolis Kms.	Ramleh 07h00m. R.A.F. Dir.	Ramleh Kms.	Amman 07h00m. R.A.F. Dir.	Amman Kms.	h. m. Dir.	Kms.
200	300	20	310	25	320	11	—	—	—	—	10	3	—	—	—	—	320	48	210	11	350	8	340	5	220	10	—	—		
500	—	—	350	26	10	5	10	14	340	21	10	16	180	34	—	—	330	34	240	8	40	11	—	0	240	10	—	—		
1000	40	4	10	32	310	3	330	22	320	22	350	14	150	45	240	8	300	31	340	10	50	31	310	3	0	13	300	11		
1500	20	26	30	23	220	4	310	23	280	28	310	8	120	43	250	8	320	13	110	6	50	26	150	6	30	21	270	8		
2000	40	19	50	17	240	7	310	26	240	35	270	14			350	26	350	26	tail						320	8	170	23		
3000					70	5					220	26			0	58	350	12							190	45	tail			
4000					230	21									50	61									210	53				
5000					200	25																			tail					
6000					220	10																								

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day: Humidity % on 13th	Diff. from normal	Wet bulb temp. °C on 13th	Diff. from normal
Alexandria	76	+5	24.1	+1.6
Ezbekîya	65	+3	24.1	+1.1
Gîza	69	+5	23.6	+1.2
Helwân	57	+6	21.5	+1.2

Gîza Grass minimum on 14th 16.7°C

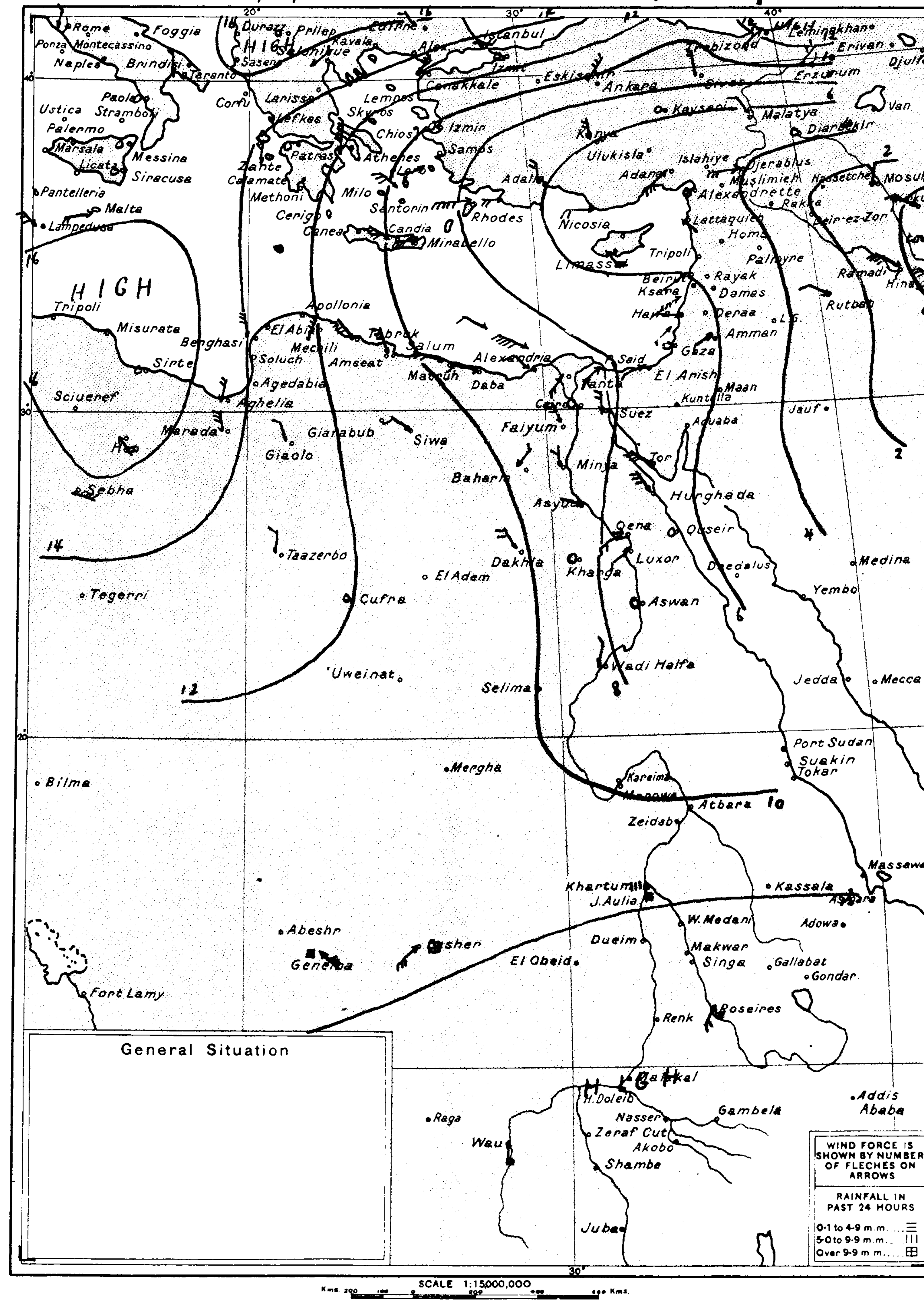
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
14.8	6678	6791
13.8	6288	6664

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13.8	14.14	+0.40	14.21	+0.47
Nâsser	10.8	9.83	+0.15	9.78	+0.11
Malakâl	14.8	11.93	+0.17	11.94	+0.20
Roseires	14.8	20.03	+0.85	20.00	+0.84
Sennâr Res.	13.8	17.18	—	17.18	—
Khartûm	13.8	15.74	+0.55	15.72	+0.57
Kh. el Girba	13.8	14.75	+0.48	14.64	+0.51
ʿAtbara	14.8	15.36	+0.72	15.05	+0.47
Kajnarti	14.8	140.71	+0.51	140.43	+0.37
Wâdi Halfa	14.8	7.02	+0.29	6.97	+0.35
Aswân Res.	14.8	97.00	—	97.03	—
,, D. S.	14.8	91.01	+0.01	90.75	−0.13
El Leisi	14.8	21.32	+0.52	21.32	+0.73
Rôda (Cairo)	14.8	17.49	+0.37	17.47	+0.45

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

Pressure and Wind at 8 h. 14.8.1937. ١٩٣٧/٨/١٤



STATION	At 8 h. on 13th (الساعة ٨ يوم ١٣): 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
Limassol	1007	−1	E	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.9	+1.5	WNW	1	29.7	33	+2	25	+3	70	+2	0	—	—	—	0	365	647	حيفا
Gaza	1008.0	+0.5	SE	1	26.6	34	+4	20	0	78	+7	2	—	—	—	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

CAIRO
Time of sunrise 05h 22m
sunset 18h 36m

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

Month *August*, 1937 ١٩٣٧ شهر اغسطس

DAILY WEATHER REPORT ١٩٣٧/٨/١٥

At 14h. on 14th الساعة ١٤ يوم ١٤ — At 8h. on Sunday 15th الساعة ٨ يوم الاحد ١٥

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	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.
	MEDITER. SALÛM	1011.0	N	5	27.8	71	0	8	1011.5	+0.5	NW	3	23.6	31		21	—	91		0	5	Cu	0	0	105	
	MATRÛH	1009.4	NW	3	28.1	76	0	6	1010.3	0.0	W	2	25.4	29	+1	22	+1	89	+10	2	6	Cu	1	0	182	158
	DIKHEILA								1009.6	—	NNW	4	27.3	29	—	25		75		0	8	—	0	0	145	
	ALEXANDRIA	1008.0	NW	4	29.5	69	1	9	1009.3	-1.1	NW	3	26.2	31	0	25	+2	79	+6	0	9	—	0	0	167	190
159	DAMIETTA								1008.0	—	WSW	2	28.1	36		22		75		0	7	Ci	1	0	75	116
134	PORT SAÏD	1007.5	NW	2	32.1	54	0	8	1008.6	+0.2	SW	2	27.2	33	+2	25	+1	78	+6	0	7	—	1	0	38	82
135	EL 'ARÎSH	1006.7	NNW	1	29.0	88	0	7	1007.9	—	WSW	1	28.0	32	—	23	—	79	—	0	7	—	0	0	85	91
136	LOWER EGYPT DAMANHÛR								1009.3	-0.3	NW	2	28.2	34	+1	22	+2	76	+4	2	7	Cu	1	0	78	110
137	MANSÛRA								1008.6	—	NE	1	27.1	37	+2	24	+3	78	0	1	7	Cs	1	0	45	57
	TANTA	1007.2	—	0	35.0	46	0	7	1008.8	-1.5	NW	2	27.5	37	+1	21	0	80	+5	3	6	Cu	2	0	54	48
	ZAGÂZÎG	1007.2	NNW	2	33.4	42	0	8	1009.4	—	WNW	1	26.9	34	-1	24	+5	78	-1	1	8	Ci	1	0	20	28
	MIDDLE EGYPT CAIRO ALMÂZA	1007.6	WNW	3	34.1	36	0	8	1009.6	—	WSW	2	26.1	35		22		80		3	7	St	2	0	23	
	CAIRO EZBEKÎYA	1006.4	NW	1	35.0	30	0	8	1009.3	-0.6	W	1	26.4	37	+2	24	+3	82	+7	3	5	Sc	1	0	18	34
	CAIRO GÎZA	1006.6	WSW	1	36.1	31	0	9	1009.5	-0.5	NW	1	27.1	36	+1	23	+3	80	+2	4	6	Sc	2	0	16	31
143	HELWÂN	1006.6	S	1	34.7	21	0	8	1009.5	-0.3	NW	2	25.4	36	+1	23	+2	80	+13	1	5	Sc	1	0	17	35
144	SUEZ	1006.8	NNW	2	35.8	33	0	7	1008.8	-0.3	N	2	27.8	38	+2	24	+1	73	-2	0	7	—	0	0	13	26
153	UPPER EGYPT FAIYÛM	1007.6	WSW	1	34.6	32	0	7	1009.1	-0.8	NNE	2	26.8	37	+1	23	+2	73	+4	0	7	—	0	0	6	11
154	MINYA	1007.1	NNW	2	35.0	35	0	7	1009.4	+0.3	N	2	27.5	36	0	21	0	61	-7	0	9	—	0	0	16	
155	ASYÛT	1007.2	NW	3	34.0	32	0	8	1009.1	+0.2	WSW	2	29.8	37	+1	22	-1	39	-13	0	7	—	0	0	dr	5
156	QENA	1005.9	WSW	1	39.2	19	0	9	1008.4	+1.3	W	1	31.2	40	0	23	-1	35	-8	0	7	—	0	0	dr	—
157	LUXOR	1006.0	WSW	1	38.8	31	0	8	1008.2	—	—	0	28.2	39	—	21		54	—	0	8	—	0	0	dr	—
158	ASWÂN	1005.3	N	2	38.6	19	0	8	1008.2	+0.7	—	0	31.0	41	0	25	-1	42	+9	0	8	—	0	0	1	—
148	WESTERN DESERT SÎWA	1010.6	—	0	35.7	46	0	6	—	—	—	0	28.2	38	0	22	+2	59	-2	0	6	—	0	0	29	7
149	BAHARÎYA	1008.2	NNW	1	33.5	36	0	9	1010.7		—	0	25.2	36	—	21		77	—	0	9	—	0	0	26	
151	KHÂRGA	1006.7	NW	1	38.7	24	0	9	1009.5	+1.1	—	0	31.6	40	0	23	+1	42	-3	0	9	—	0	0	0	dr
152	DÂKHLA	1008.0	NNW	2	36.1	15	0	8	1010.8	+1.3	—	0	27.0	39	0	21	-2	29	-7	0	9	—	0	0	dr	—
145	RED SEA TÔR	1005.4	NW	2	36.5	45	0	6	1006.6	+0.2	NW	1	30.0	38	+4	24	0	78	+4	0	6	—	0	0	14	14
146	HURGHÂDA								1008.6	+2.0	N	2	32.0	35	0	24	-1	55	+4	0	6	—	1	0	dr	1
147	QUSEIR	1006.8	NNE	2	31.9	64	0	6	1007.9	+1.5	WNW	1	32.7	35	+1	26	-1	32	-13	0	6	—	0	0	1	1
169	PORT SUDAN								1006.2	+0.4	NW	4	—	—	—	—	—	—	—	1	—	—	0	0	43	120
165	NORTH SUDAN WÂDI HALFA								1010.0	+1.6	—	0	28.9	39	-1	25	+2	34	+4	0	8	Ci	0	—	—	
166	KAREIMA								1010.1	+1.8	SSW	3	30.8	41	0	28	+2	—	—	1	8	Cs	0	0	8	21
167	'ATBARA																									
168	KHARTÛM								1011.6	+2.2	SSW	3	27.9	31	-6	24	0	63	-4	2	8	Ci,Ac	1	dr	101	96
170	KASSALA								1012.6	+0.9	SSE	3	25.6	31	-2	21	-1	62	-7	4	8	Sc	1	8	181	210
171	CENTRAL SUDAN WAD MEDANI								1011.8	+1.1	SSW	1	28.0	31	-4	22	+1	63	-6	1	—	—	0	0	395	251
173	DUEIM																									
	RENK																									
172	ROSEIRES								1011.8	-0.1	WSW	2	24.3	32	0	22	+1	88	+7	2	—	—	0	dr	608	510
174	EL OBEID								1012.7	+0.8	S	3	24.3	29	-4	20	-1	83	+7	2	8	Ac,Ac	8	tr	357	208
175	EL FÂSHER								—	—	SW	1	24.0	30	-3	21	+1	83	+12	0	—	—	0	0	179	211
176	S. SUDAN MALAKÂL								1013.0	+0.3	E	1	25.8	31	0	22	+1	84	0	4	8	Ac	1	7	593	630
177	WÂU								1013.8	+2.3	W	2	21.8	32	0	20	0	93	+9	4	—	—	6	55	728	842
178	JÛBA								1015.3	+2.5	NW	3	21.2	30	-1	18	-2	100	+13	8	6	Sc	5	dr	831	732
179 / 180	Geneina / Gallabat								—	—	—	0	21.1	29	—	20	—	91	—	4	7	Sc	8	1	—	—

Upper Wind Observations on 15th ارصاد الرياح العليا يوم ١٥

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

Height metres above M.S.L.	Salum 07h00m Dir.	Kms.	Matruh 07h00m Dir.	Kms.	Dikheila 07h30m Dir.	Kms.	Cairo 08h00m Dir.	Kms.	Helwan 08h45m 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.	Malakal 06h00m Dir.	Kms.	Juba 06h00m Dir.	Kms.	Cairo 14th 11h00m Dir.	Kms.
200	320	15	310	11	330	20	0	17	310	8	—	—	—	—	350	11	—	—	—	—	—	—	—	—	—	—	—	—	310	11
[illegible]	—	—	320	22	350	28	30	19	290	10	330	13	360	23	350	26	200	32	210	39	—	—	—	—	190	10	—	—	260	13
[illegible]	340	4	330	24			330	30	350	12	330	17	330	20	330	26	210	39	210	34	190	31	190	43	170	23	240	39	260	14
[illegible]	260	9	290	16			340	30	10	14	320	19	290	19	310	26	260	13	190	27	200	19	200	43	190	24	190	27	190	7
[illegible]	240	10	280	16					350	30	300	17	260	33	270	27	330	14	200	24	10	11	210	32	190	24			tail	
3000	300	13							240	13					260	10			230	26	30	32	190	21	190	11				
4000	290	11							230	29															140	13				
5000	280	7																												
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	81	+10	24.5	+2.0
Ezbekîya	58	-4	22.5	-0.5
Gîza	68	+4	22.6	+0.2
Helwân	49	-2	20.3	0.0

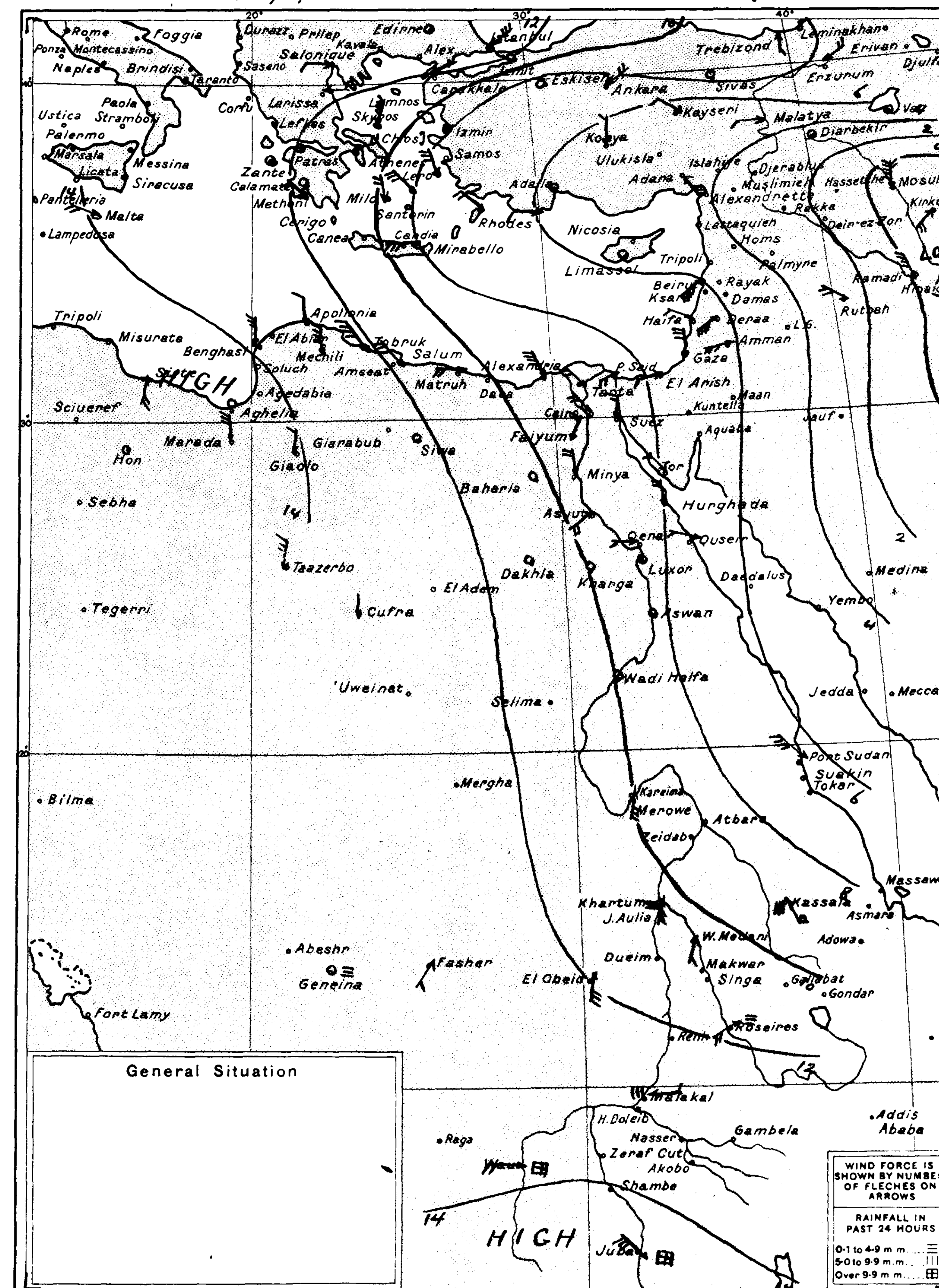
Gîza Grass minimum on 15th 18.4 °C

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

Date	1937	1936
15.8	6901	7006
14.8	6678	6791

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15.8	14.20	+0.46	14.23	+0.49
Nâṣser	12.8	9.87	+0.16	9.85	+0.16
Malakâl	15.8	11.94	+0.17	11.93	+0.17
Roseires	15.8	19.52	+0.32	20.03	+0.85
Sennâr Res.	14.8	17.22	—	17.18	—
Khartûm	14.8	15.77	+0.53	15.74	+0.55
Kh. el Girba	14.8	14.92	+0.62	14.75	+0.48
'Atbara	15.8	15.44	+0.74	15.36	+0.72
Kajnarti	15.8	141.58	+1.18	140.71	+0.51
Wâdi Halfa	15.8	7.49	+0.66	7.02	+0.29
Aswân Res.	15.8	97.00	—	97.00	—
,, D. S.	15.8	91.11	+0.01	91.01	+0.01
El Leisi	15.8	21.32	+0.32	21.32	+0.52
Rôda (Cairo)	15.8	17.51	+0.27	17.49	+0.37

Pressure and Wind at 8h. 15.8.1937.



Station	At 8h. on 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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1005	-3	SE	2	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.1	+0.7	WNW	1	27.7	29	-2	25	+3	84	+16	0	—	—	—	0	365	647	حيفا
Gaza	1007.5	-0.1	—	0	26.9	34	+4	21	+1	78	+7	0	9	—	0	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

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

CAIRO
Time of sunrise 05h 23m
sunset 18h 35m

Month *August,* 1937 ١٩٣٧ شهر أغسطس

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

DAILY WEATHER REPORT

No.	STATION	14h on 15th: Bar. Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h on Monday 16th: 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.	
[illegible]	MEDITERRANEAN SALÛM	1011.1	NNE	5	28.0	72	0	6	1010.8	-0.2	NNW	4	25.1	29	—	21	—	77	—	0	5	—	0	0	105		
[illegible]	[illegible]H	1009.5	WNW	4	29.0	64	0	6	1009.1	-1.3	W	3	26.1	29	+1	22	+1	85	+6	3	6	Cu	2	0	182	158	
[illegible]	[illegible]LA								1008.8	—	W	3	27.7	29	—	24	—	72	—	2	8	Cu	2	0	145	—	
[illegible]	[illegible]ANDRIA	1009.3	NW	5	29.5	72	1	9	1008.6	-1.9	W	4	26.0	31	0	24	+1	78	+5	2	9	Cu	2	0	167	190	
159	DAMIETTA								1007.5	—	SW	1	28.0	33	—	21	—	70	—	1	8	Cu	1	0	75	116	
134	PORT SAÎD	1008.0	NW	3	33.0	35	0	7	1008.2	-0.3	NW	3	27.4	33	+2	24	0	77	+5	2	7	Cu	1	0	38	82	X
135	EL 'ARÎSH	1007.2	NNW	4	30.0	75	0	7	1007.2	—	WSW	2	27.2	32	—	24	—	83	—	2	7	Cu	2	0	85	91	
136	LOWER EGYPT DAMANHÛR								1008.7	-1.0	SW	2	25.0	33	0	20	0	84	+12	0	6	Cu	4	0	78	110	
137	MANSÛRA								1007.9	—	W	2	25.2	36	+1	20	-1	83	+5	0	7	Ci	1	0	45	57	
[illegible]	TANTA	1007.9	NW	2	34.0	51	0	7	1008.7	-1.7	W	2	24.0	34	-2	19	-2	91	+16	4	5	Cu	2	0	54	48	
[illegible]	ZAGÂZÎG	1007.9	NW	2	34.9	41	0	8	1009.0	—	WNW	2	25.9	35	0	20	+1	86	+7	1	8	Cs	1	0	20	28	
[illegible]	MIDDLE EGYPT CAIRO ALMÂZA	1008.2	NNW	4	35.1	27	1	8	1009.1	—	NW	1	25.1	36	—	19	—	81	—	3	7	St	2	0	23	—	
[illegible]	CAIRO EZBEKÎYA	1007.5	WNW	1	35.0	45	0	8	1008.7	-1.2	WNW	2	26.8	37	+2	22	+1	82	+7	3	6	Cu	1	0	18	34	
[illegible]	CAIRO GÎZA	1007.5	NNW	2	35.1	46	1	8	1008.7	-1.4	NNW	2	24.6	36	+1	19	0	88	+10	3	5	Sc	1	0	16	31	
143	HELWÂN	1007.2	NW	4	35.1	32	0	7	1008.4	-1.5	WNW	2	24.8	36	+1	21	0	77	+10	0	5	—	0	0	17	35	
144	SUEZ	1007.5	S	1	35.5	52	0	6	1008.3	-0.9	E	2	27.5	38	+2	24	+1	72	-3	0	6	—	0	0	13	26	
153	UPPER EGYPT FAIYÛM	1007.9	NW	2	36.2	31	1	8	1008.6	-1.4	NNE	1	28.0	38	+2	21	0	54	-15	0	7	—	0	0	6	11	
154	MINYA	1008.0	NNW	2	36.0	33	0	8	1008.3	-0.9	NNW	1	28.3	37	+1	21	0	58	-10	0	8	—	0	0	16	—	
155	ASYÛT	1007.2	WSW	3	36.6	25	0	8	1008.4	-0.5	WSW	2	29.2	38	+2	23	0	45	-7	0	7	—	0	0	dr	5	
156	QENA	1006.6	W	1	39.3	17	0	8	1007.4	+0.2	W	1	33.0	40	0	25	+1	34	-10	0	7	—	0	0	dr	—	
157	LUXOR	1006.4	WSW	2	39.2	29	0	8	1006.7	—	—	0	34.0	40	—	23	—	42	—	0	8	—	0	0	dr	—	
158	ASWÂN	1005.0	N	3	40.6	21	0	8	1006.8	-0.7	—	0	32.0	41	0	26	0	40	+7	0	8	—	0	0	1	—	
148	WESTERN DESERT SÎWA	1009.1	—	0	36.3	39	0	6	1011.6	+0.6	—	0	26.8	38	+1	20	0	57	-4	0	6	—	0	0	29	7	
149	BAHARÎYA	1008.7	N	2	36.4	32	0	9	1009.1		—	0	28.9	38	—	20	—	37	—	0	9	—	0	0	26	—	
151	KHÂRGA	1007.1	NW	1	38.4	27	0	9	1008.4	-0.1	—	0	30.3	41	+1	24	+2	45	0	0	9	—	0	0	0	dr	
152	DÂKHLA	1008.2	NW	2	37.6	20	0	8																		—	
145	RED SEA TÔR	1006.3	NW	5	33.5	54	0	6	1006.3	-0.1	NW	4	30.8	37	+3	24	0	63	-11	0	6	—	0	0	14	14	
146	HURGHÂDA								1006.6	-0.1	NNW	4	33.1	36	+1	26	+1	48	-3	0	6	—	0	0	dr	1	
147	QUSEIR	1007.0	NNE	1	33.7	60	0	6	1006.6	+0.1	NW	2	33.2	35	+1	29	+2	45	0	0	6	—	0	0	1	7	
169	PORT SUDAN								1005.3	-0.5	SW	1	—	—	—	—	—	—	—	1	—	—	0	0	43	120	
165	NORTH SUDAN WÂDI HALFA								1008.5	+0.1	NNE	2	29.4	39	-1	25	+2	32	+2	1	7	Ci	0	—	—	—	
166	KAREIMA								1008.4	0.0	SW	3	33.0	41	0	28	+2	39	-2	2	8	Ac	0	0	8	22	
167	'ATBARA								1008.3	+0.1	WSW	2	32.0	39	-1	27	+2	36	-4	0	—	—	0	1	76	54	
168	KHARTÛM								1010.6	+1.2	SSW	4	25.8	35	-2	24	-1	76	+9	0	8	Ac	1	2	103	98	
170	KASSALA								1012.3	+0.6	S	3	23.2	33	0	21	-1	91	+22	4	8	Cb	9	13	194	214	
171	CENTRAL SUDAN WAD MEDANI								1011.9	+1.2	SW	2	22.2	34	-1	21	0	85	+16	5	—	—	—	6	401	256	
173	DUEIM																										
	RENK																										
172	ROSEIRES								1011.8	0.0	SW	2	22.7	32	0	20	-1	89	+8	2	—	—	2	54	662	517	
174	EL OBEID								1014.3	+2.4	SE	4	19.0	27	-6	19	-2	100	+24	5	6	Fb	9	27	384	212	X
175	EL FÂSHER								—	—	SW	1	24.0	36	+3	22	+2	83	+12	0	—	—	0	0	179	216	
176	S. SUDAN MALAKÂL								1012.2	-0.5	ENE	2	24.3	31	0	24	+3	91	+7	5	7	Sc	2	dr	593	636	
177	WÂU								1011.8	+0.3	S	2	24.2	32	0	21	+1	88	+4	4	—	—	0	0	728	849	
178	JÛBA								1013.1	+0.3	E	3	23.6	33	+2	20	0	75	-12	0	7	—	5	dr	831	735	
179	Geneina								—	—	NE	1	21.1	29	—	19	—	91	—	2	8	Sc	0	45	—	—	
180	Gallabat																										

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

Height metres above M.S.L.	Salûm 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Cairo 08h.30m. Dir.	Kms.	Helwan 08h.30m. Dir.	Kms.	Asyût 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	Wadi Halfa 06h.00m. Dir.	Kms.	Kareima 05h.00m. Dir.	Kms.	Khartûm 05h00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h00m. Dir.	Kms.	Juba 06h00m. Dir.	Kms.	Geneina 07h00m. Dir.	Kms.	Almaza 15th 12h00m. Dir.	Kms.
200	340	20	300	28	350	9	330	20	—	—	—	—	20	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	280	12
[illegible]	—	—	310	34	310	11	350	8	20	28	340	40	10	23	260	27	190	34	—	—	—	—	70	14	—	—	—	—	230	11
[illegible]	350	26	310	31	300	16	310	19	340	20	340	35	340	23	290	34	200	35	210	37	250	23	90	6	240	14	160	27	290	16
[illegible]	340	30	310	20			310	42	340	27	330	36	320	29	310	31	190	8	290	13	260	26	170	6	170	16	180	50	300	10
[illegible]			300	28									310	37	340	19	240	14	350	18	280	18	260	5	190	21	200	35	350	24
3000													290	32	340	11					300	14			180	19	240	27	350	28
4000																														
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة منتظمة

STATION	Mean of day: Humidity % on 15th	Diff. from normal	Wet Bulb Temp. °C on ١٥	Diff. from normal
Alexandria	80	+9	24.4	+1.9
Ezbekiya	63	+1	24.3	+1.3
Gîza	65	+1	24.4	+2.0
Helwân	55	+4	22.2	+1.9

Gîza Grass minimum on 16th 14.3 °C

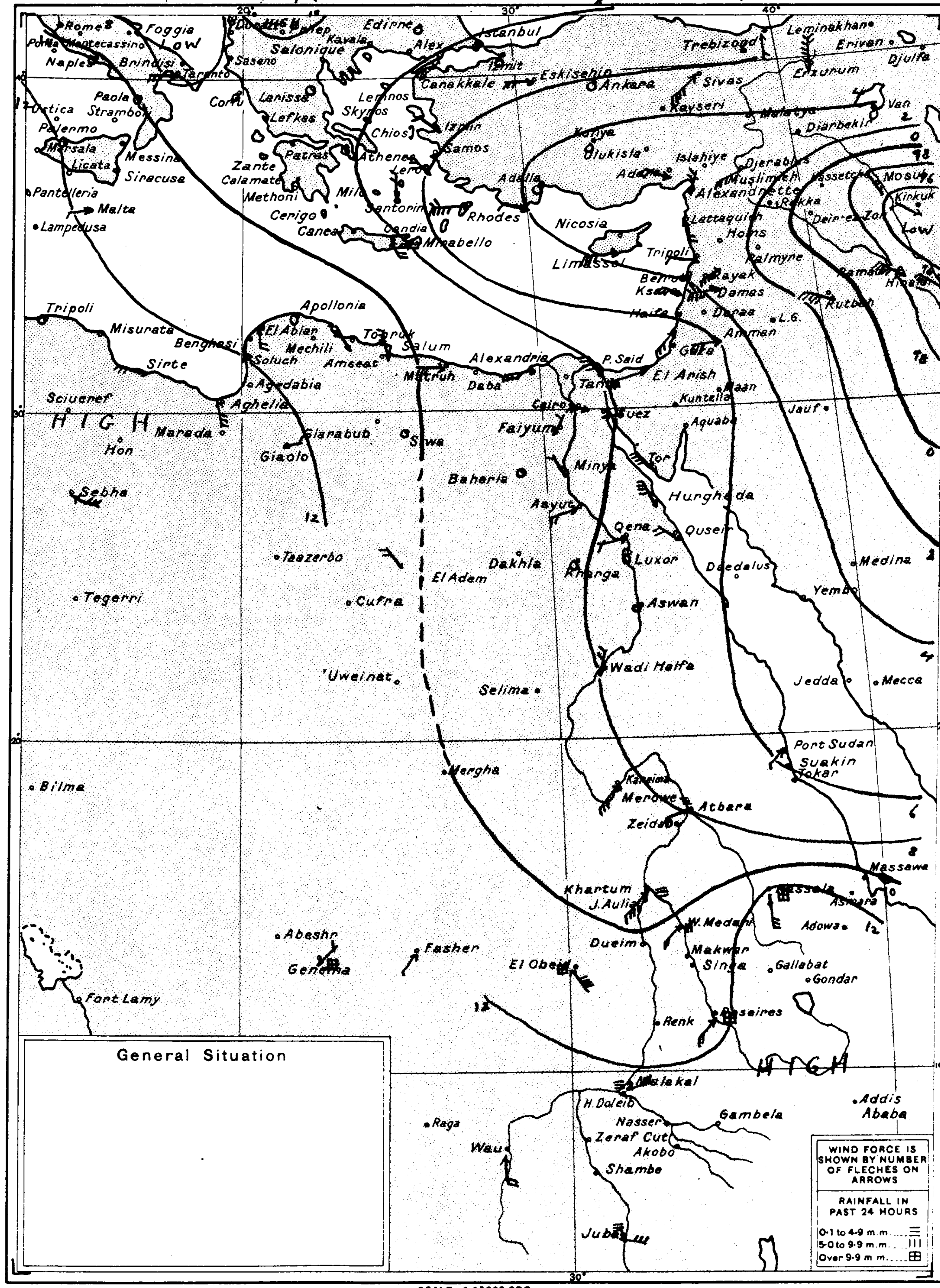
Discharges at Aswân measured by sluices m^3 per sec.

DATE	1937	1936
16.8	7539	7199
15.8	6901	7006

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15.8	14.20	+0.46	14.23	+0.49
Nâsser	14.8	9.91	+0.15	9.89	+0.15
Malakâl	16.8	11.94	+0.16	11.94	+0.17
Roseires	16.8	19.50	+0.27	19.52	+0.32
Sennâr Res.	15.8	17.22	—	17.22	—
Khartûm	15.8	15.67	+0.38	15.77	+0.53
Kh. el Girba	15.8	14.80	+0.46	14.92	+0.62
'Atbara	15.8	15.44	+0.74	15.36	+0.72
Kajnarti	16.8	142.03	+1.48	141.58	+1.78
Wâdi Halfa	16.8	7.86	+0.94	7.49	+0.66
Aswân Res.	16.8	97.00	—	97.66	—
,, D.S.	16.8	91.45	+0.25	91.11	+0.01
El Leisi	16.8	21.32	+0.12	21.32	+0.32
Rôda (Cairo)	16.8	17.51	+0.13	17.51	+0.27

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

١٩٣٧/٨/١٦ Pressure and Wind at 8h. 16.8.1937.



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 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	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	1005	-3	—	0	29	—	—	—	—	—	—	0	—	—	—	—			ليماسول
Haifa	1006.7	+0.2	WNW	1	29.4	29	-2	27	+5	86	+18	0	—	—	—	0	365	647	حيفا
Gaza	1007.5	-0.1	—	0	27.3	34	+4	20	0	74	+3	0	9	—	0	0	395	376	غزة

Remarks

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

CAIRO
Time of sunrise 05 23
sunset 18 34

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

DAILY WEATHER REPORT

Month *August* 1937 ١٩٣٧ شهر اغسطس

١٧-٨-٣٧ Pressure and Wind at 8 h. *17.8.1937.*

At 14h. on *16th* ١٦ الساعة ١٤ يوم

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
	MEDITERRANEAN: ALÛM	1009.9	NNE	4	30.8	45	0	8
	MATRÛH	1008.6	NNW	4	28.0	78	0	6
	SIKHEILA							
	ALEXANDRIA	1007.5	WNW	5	30.0	70	0	9
159	DAMIETTA							
134	PORT SAÎD	1007.4	NW	2	32.1	49	0	7
135	EL 'ARÎSH	1006.6	NNW	3	30.2	74	0	7
136	LOWER EGYPT: DAMANHÛR							
137	MANSÛRA							
	TANTA	1008.7	NW	3	33.0	44	0	7
	ZAGÂZÎG	1007.2	WNW	2	33.9	45	0	8
	MIDDLE EGYPT: CAIRO: ALMÂZA	1008.2	NW	3	34.1	36	0	8
	EZBEKÎYA	1006.7	NW	1	35.0	34	0	8
	GÎZA	1006.6	NNW	2	34.7	35	0	8
143	HELWÂN	1006.2	WNW	5	34.6	16	0	6
144	SUEZ	1007.6	NW	3	36.0	25	0	7
153	UPPER EGYPT: FAIYÛM	1007.1	NNE	2	35.2	23	0	8
154	MINYA	1007.4	N	3	37.5	23	0	7
155	ASYÛT	1006.7	WSW	3	37.0	20	0	8
156	QENA	1005.3	WNW	3	41.0	—	0	8
157	LUXOR	1005.4	WNW	2	38.7	21	0	8
158	ASWÂN	1004.0	N	4	40.5	21	0	8
148	WESTERN DESERT: SÎWA	1010.0	—	0	36.5	34	0	6
149	BAHARÎYA	1008.3	N	2	37.0	30	0	9
151	KHÂRGA	1006.2	N	2	40.6	24	0	9
152	DÂKHLA	1007.2	NNW	2	39.0	15	0	8
145	RED SEA: TÛR	1005.1	NW	5	35.5	47	0	6
146	HURGHÂDA							
147	QUSEIR	1006.3	NNW	4	34.1	43	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							
	Geneina							
179	Gallabat							
180								

At 8h. on *Tuesday 17th* ١٧ الثلاثاء 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.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN: ALÛM	1007.2	-3.3	WNW	2	26.0	28	0	22	+1	81	+2	0	6	—	0	0	182	158
	MATRÛH	1006.9	—	WNW	4	26.8	30	—	25		83		2	—	Sc	2	0	145	—
	SIKHEILA	1006.7	-3.9	W	5	26.0	31	0	25	+2	84	+11	1	9	Cu	0	0	167	190
	ALEXANDRIA	1005.6	—	SW	1	27.2	34	—	21	—	74	—	0	8	—	1	0	75	116
159	DAMIETTA	1006.3	-2.2	SW	3	26.6	33	+2	25	+1	84	+12	0	7	—	0	0	38	82
134	PORT SAÎD	1005.6	—	—	0	28.0	31	—	23	—	79	—	0	7	—	0	0	85	91
135	EL 'ARÎSH	1006.8	-3.0	WSW	1	27.9	34	+1	20	0	79	+7	3	7	Cu	1	0	78	110
136	LOWER EGYPT: DAMANHÛR	1006.6	—	W	1	26.6	35	0	21	0	78	0	0	8	—	0	0	45	57
137	MANSÛRA	1007.0	-3.5	W	1	26.5	34	-2	20	-1	88	+13	3	6	Cu	2	0	54	48
	TANTA	1007.2	—	WNW	1	24.9	34	-1	20	+1	91	+12	1	8	Cs	1	0	20	28
	ZAGÂZÎG	1007.8	—	WNW	2	25.6	35		20		78		3	7	St	2	0	23	—
	MIDDLE EGYPT: CAIRO: ALMÂZA	1007.1	-2.9	WNW	2	25.5	37	+2	22	+1	86	+16	3	6	Sc	1	0	18	34
	EZBEKÎYA	1007.4	-2.7	NW	1	25.5	36	+1	19	0	85	+7	3	5	Sc	2	0	16	31
	GÎZA	1007.2	-2.8	—	0	25.1	35	0	21	0	77	+10	2	5	Sc	2	0	17	35
143	HELWÂN	1007.1	-2.1	NNW	2	27.1	36	0	23	0	68	-7	0	7	—	0	0	13	26
144	SUEZ	1008.0	-2.1	N	1	26.8	37	+1	21	0	63	-7	0	7	—	0	0	6	11
153	UPPER EGYPT: FAIYÛM	1008.0	-1.3	NNW	1	27.0	38	+2	21	0	49	-19	0	8	—	0	0	16	—
154	MINYA	1007.5	-1.5	WSW	3	27.2	38	+2	22	-1	48	-5	0	7	—	0	0	dr	5
155	ASYÛT	1006.6	-0.7	W	1	30.5	41	+2	24	0	26	-18	0	8	—	0	0	dr	—
156	QENA	1006.2	—	—	0	31.6	40	—	20	—	39	—	0	8	—	0	0	dr	—
157	LUXOR	1006.4	-1.2	—	0	32.0	42	+1	26	0	40	+7	0	8	—	0	0	1	—
158	ASWÂN	1008.8	-2.2	—	0	30.0	39	+2	21	+1	53	-8	0	6	—	0	0	29	7
148	WESTERN DESERT: SÎWA	1008.3	—	0	28.2	38		20			49	—	0	9	—	0	0	26	—
149	BAHARÎYA	1007.6	-1.0	N	1	29.0	41	+2	23	+1	42	-3	0	9	—	0	0	0	dr
151	KHÂRGA	1008.8	-0.9	WNW	1	29.9	40	+1	24	+1	35	-1	0	9	—	0	0	dr	—
152	DÂKHLA	1005.5	-1.0	NW	4	28.5	38	+4	23	-1	81	+7	0	6	—	0	0	14	14
145	RED SEA: TÛR	1005.8	-1.0	NNW	3	33.3	36	+1	24	-1	51	0	0	6	—	0	0	dr	1
146	HURGHÂDA	1005.5	-1.1	WNW	1	32.6	36	+2	28	+1	44	-1	0	6	—	0	0	1	7
147	QUSEIR	1005.4	-0.5	W	2	—	—	—	—	—	—	—	6	—	—	0	0	43	120
169	PORT SUDAN	1007.6	-0.9	NNE	2	29.0	40	0	25	+2	31	+1	0	8	Cc	0	—	—	—
165	NORTH SUDAN: WÂDI HALFA	1008.4	0.0	W	5	31.0	43	+2	27	+1	48	+7	3	7	Ac	0	0	8	22
166	KAREIMA	1008.7	+0.5	SW	2	31.0	41	+1	26	+1	42	+9	0	—	—	0	0	76	56
167	'ATBARA	1011.5	+2.1	S	2	26.2	34	-3	23	-2	84	+7	4	8	Ac	0	2	105	101
168	KHARTÛM	1011.2	-0.4	SSE	4	24.0	31	-2	21	-1	83	+14	2	8	Ac	1	0	194	217
170	KASSALA	1011.1	+0.4	SE	2	25.0	28	-7	20	-1	82	+13	1	—	—	0	9	410	260
171	CENTRAL SUDAN: WAD MEDANI	1010.4	-0.6	S	3	26.2	29	-5	22	0	84	+12	4	—	—	8	8	297	201
173	DUEIM																		
	RENK	1010.7	-1.1	SSW	2	24.3	31	-1	21	0	79	-2	4	—	—	8	27	689	524
172	ROSEIRES	1010.9	-1.0	SW	4	22.0	27	-6	21	0	82	+6	4	8	As	—	9	393	216
174	EL OBEID	—	—	SW	1	22.5	34	+1	20	0	92	+21	1	—	—	0	17	196	221
175	EL FÂSHER																		
176	S. SUDAN: MALAKÂL	1012.7	+1.2	NW	2	21.5	31	-1	20	0	94	+10	4	—	—	6	15	743	856
177	WÂU	1014.5	+1.7	—	3	23.3	34	+3	21	+1	91	+4	5	6	Cb	2	dr	831	739
178	JÛBA																		
	Geneina	—	—	NE	3	20.4	29	—	19	—	91	—	4	7	Fn	6	4	—	—
179	Gallabat																		
180																			

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

Height metres above M.S.L.	Salûm 07 h00 m. Dir.	Salûm Kms. per hour	Matrûh 07 h00 m. Dir.	Matrûh Kms. per hour	Cairo 08 h30 m. Dir.	Cairo Kms. per hour	Helwan 08 h45 m. Dir.	Helwan Kms. per hour	Asyut 07 h00 m. Dir.	Asyut Kms. per hour	Aswan 07 h00 m. Dir.	Aswan Kms. per hour	Wadi Halfa 06 h00 m. Dir.	Wadi Halfa Kms. per hour	Kareima 06 h00 m. Dir.	Kareima Kms. per hour	Khartum 05 h00 m. Dir.	Khartum Kms. per hour	Kassala 06 h00 m. Dir.	Kassala Kms. per hour	El Obeid 06 h00 m. Dir.	El Obeid Kms. per hour	Juba 06 h00 m. Dir.	Juba Kms. per hour	Geneina 07 h00 m. Dir.	Geneina Kms. per hour	Almaza 12 h00 m. Dir.	Almaza Kms. per hour	h. m. Dir.	h. m. Kms. per hour
200	300	13	290	27	300	7	320	5	—	—	—	—	10	13	—	—	—	—	—	—	—	—	—	—	—	—	300	26		
[illegible]	—	—	320	27	340	17	340	13	330	18	0	12	50	19	260	27	250	34	—	—	—	—	—	—	—	—	280	30		
[illegible]	270	26	300	27			340	20	320	25	340	11	20	11	260	58	240	37	190	50	200	40	80	42	290	10	280	22		
[illegible]	280	31	310	39			20	30	310	36	310	23	340	16	310	27	210	80	190	37	290	27	90	43	240	23	270	31		
[illegible]			310	45			30	42	300	35	250	17	290	24			220	40	250	24	130	42	110	42	160	8	290	56		
3000																			330	24	100	50	140	24	50	16				
4000																			10	63	110	43								
5000																														
6000																														

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

تغيرات الطقس المنظرة فى ٢٤ ساعة من ظهر

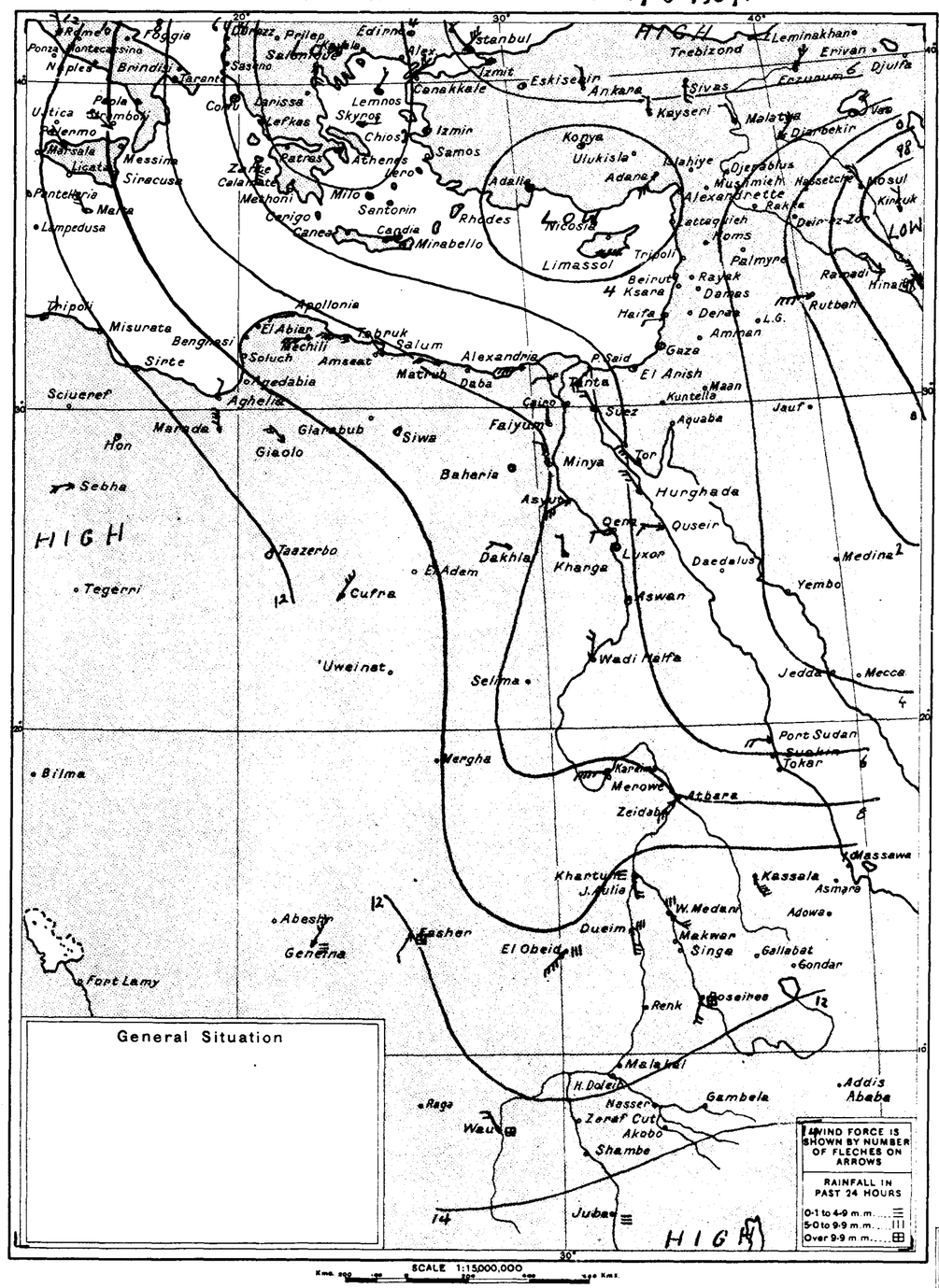
STATION	Mean of day: Humidity % on 16th	Humidity Diff. from normal	Wet Bulb Temp. °C on 16th	Wet Bulb Temp. Diff. from normal
Alexandria	80	+9	24.6	+2.1
Ezbekiya	60	-2	22.9	0.0
Giza	63	-1	22.3	-0.1
Helwân	49	-3	19.7	-0.6

Giza Grass minimum on *17th* 12.9 °C

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

DATE	1937	1936
17.8	8264	7186
16.8	7539	7199

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16.8	14.18	+0.43	14.20	+0.46
Nâsser	15.8	9.96	+0.18	9.91	+0.15
Malakâl	17.8	11.95	+0.16	11.94	+0.16
Roseires	17.8	19.93	-0.02	19.50	+0.27
Sennâr Res.	16.8	17.18	—	17.22	—
Khartûm	16.8	15.78	+0.44	15.67	+0.38
Kh. el Girba	16.8	14.50	+0.16	14.85	+0.46
'Atbara	16.8	15.46	+0.72	15.44	+0.74
Kajnarti	17.8	142.07	+1.42	142.03	+1.48
Wâdi Halfa	17.8	7.84	+0.89	17.82	+0.94
Aswân Res.	17.8	97.00	—	97.00	—
" D. S.	17.8	91.95	+0.65	91.45	+0.25
El Leisi	17.8	21.52	+0.22	21.32	+0.12
Rôda (Cairo)	17.8	17.64	+0.16	17.51	+0.13



STATION	At 8 h. on 16th ١٦ 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.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1004	-4	W	5	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.5	+0.9	WSW	2	29.7	29	-2	25	+3	79	+11	1	—	—	—	0	365	647	حيفا
Gaza	1007.1	-0.6	—	0	27.8	33	+3	22	+2	77	+6	2	6	—	1	0	395	376	غزه
Dakhla	1009.4	-0.2	—	0	27.7	39	0	22	-1	26	-10	0	8	—	0	0	dr	—	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

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

CAIRO

Time of sunrise 05 h. 24 m.
sunset 18 h. 33 m.

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

DAILY WEATHER REPORT

Month *August*, 1937 — ١٩٣٧ شهر أغسطس — ١٩٣٧/٨/١٨

Pressure and Wind at 8 h. *18.8.1937.*

	STATION	At 14h. on 17th (الساعة ١٤ يوم ١٧) Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY	At 8h. on Wednesday 18th (الساعة ٨ يوم الاربعاء 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	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 m. m. 24 hours	RAINFALL Total fr. Oct. 1 to yesterday m. m.	RAINFALL Normal fr. Oct. 1 to yesterday m. m.
	MEDITERR.																									
	SALŪM																									
	MATRŪH	1007.1	NNW	4	27.8	78	0	6	1008.0	-2.6	WSW	1	26.0	28	0	22	+1	73	-6	0	6	—	1	0	145	158
	DIKHEILA								1008.5	—	WSW	1	26.2	30	—	21	—	73	—	2	7	Sc	2	0	167	
	'ALEXANDRIA	1006.8	WNW	3	30.2	68	1	9	1008.6	-2.1	W	1	25.8	31	0	24	+1	74	+2	2	9	Cu	2	0	75	190
	DAMIETTA								1008.0	—	W	1	27.8	35	—	21	—	67	—	0	8	Ci	1	0	38	116
159	PORT SAÏD	1006.3	NW	3	33.1	53	0	7	1008.2	-0.4	SW	4	26.6	33	+2	24	0	74	+2	0	8	—	1	0	85	82
134	EL 'ARĪSH	1005.4	NNW	3	29.7	78	0	7	1007.8	—	WSW	1	29.0	31	—	22	—	71	—	0	7	—	0	0	78	91
135	NILE DELTA																									
136	DAMANHŪR								1008.7	-1.1	SW	2	27.2	34	+1	22	+2	67	-6	2	8	Cu	1	0	45	110
137	MANSŪRA								1008.3	—	N	1	25.4	36	+1	21	0	75	-3	0	8	—	0	0	54	57
[illegible]	TANTA	1005.9	NW	3	34.0	51	1	7	1008.6	-2.0	NW	1	26.0	35	-1	20	-1	76	+1	0	7	—	0	0	20	48
[redacted]	[redacted]G	1005.9	WNW	2	34.4	50	0	8	1009.1	—	WNW	1	25.9	34	-1	20	+1	83	+4	1	8	Cs	1	0	23	28
	[redacted]MĀZA	1006.6	NNW	3	34.1	36	0	8	1009.1	—	—	0	24.1	35	—	19	—	89	—	8	4	St	1	0	23	—
	[redacted]BEKĪYA	1005.6	NNW	2	35.3	38	0	8	1008.8	-1.3	NE	2	24.8	37	+2	22	+1	92	+17	2	5	St	1	0	18	34
	GIZA	1005.6	NNW	3	34.6	39	1	8	1008.7	-1.5	N	2	24.7	36	+2	19	0	90	+12	3	5	Sc	1	0	16	31
143	HELWĀN	1005.4	NW	4	33.7	25	0	7	1008.4	-1.6	—	0	25.9	35	0	21	0	59	-8	0	5	—	0	0	17	35
144	SUEZ	1006.2	S	1	32.6	53	0	6	1007.8	-1.5	SSE	2	29.6	37	+1	23	0	51	-24	0	7	—	0	0	13	26
153	UPPER EGYPT — FAIYŪM	1006.7	NNW	3	34.7	30	0	8	1008.2	-2.1	SE	1	29.8	38	+2	21	0	58	-12	0	8	—	0	0	6	11
154	MINYA	1006.4	NNW	3	37.5	21	0	7	1008.3	-1.0	E	2	28.5	38	+2	22	+1	43	-26	0	9	—	0	0	16	—
155	ASYŪT	1006.6	WSW	3	34.8	16	0	9	1009.1	+0.1	SE	2	29.5	36	0	22	-1	43	-11	0	6	—	0	0	dr	5
156	QENA	1005.0	WSW	4	38.4	13	0	8	1008.6	+1.2	W	1	30.5	39	0	23	-1	26	-19	0	7	—	0	0	dr	—
157	LUXOR	1005.0	NNW	2	38.0	24	0	8	1007.9	—	NE	1	31.8	39	—	20	—	35	—	0	8	—	0	0	dr	—
158	ASWĀN	1003.8	NW	3	40.2	22	0	8	1007.9	+0.3	—	0	31.9	42	+1	24	-1	34	+1	0	8	—	0	0	1	—
148	WESTERN DESERT — SĪWA	1007.1	—	0	38.7	30	0	6	1007.9	-3.2	—	0	28.0	40	+3	21	+1	63	+2	0	6	—	0	0	29	7
149	BAHARĪYA																									
151	KHĀRGA	1005.8	NW	1	39.3	30	0	9	1007.8	-0.8	E	1	27.8	40	+1	22	0	41	-5	0	9	—	0	0	0	dr
152	DĀKHLA	1007.4	NNW	4	37.5	17	0	7	1010.2	+0.5	—	0	26.2	38	-1	21	-2	29	-7	0	9	—	0	0	dr	—
145	RED SEA — TŌR	1004.6	N	4	36.0	16	0	6	1007.6	+1.1	NW	4	30.5	38	+4	28	+4	68	-6	0	6	—	0	0	14	14
146	HURGHĀDA								1008.4	+1.6	N	2	33.2	35	0	26	+1	51	0	0	6	—	1	0	dr	1
147	QUSEIR	1005.5	NNE	2	32.2	54	0	6	1007.9	+1.2	NW	1	33.5	37	+3	26	-1	48	+3	0	6	—	0	0	1	7
169	PORT SUDAN								1005.9	-0.1	E	1	—	—	—	—	—	—	—	4	—	—	2	0	43	120
165	NORTH SUDAN — WĀDI HALFA								1008.5	0.0	NNE	3	29.8	41	+1	26	+3	31	+1	0	8	—	0	—	—	
166	KAREIMA								1008.3	-0.1	SW	3	32.7	40	-1	27	+1	44	+3	0	7	—	0	0	8	23
167	'ATBARA								1008.3	+0.1	SW	3	32.8	40	0	28	+3	34	-6	0	—	—	0	0	76	57
168	KHARTŪM								1010.1	+0.7	S	5	28.8	35	-2	26	+1	64	-3	2	8	Ac	1	0	105	103
170	KASSALA								1011.0	-0.6	S	4	25.3	33	0	21	-1	76	+7	0	8	—	0	0	194	221
171	CENTRAL SUDAN — WAD MEDANI								1011.0	+0.3	SSW	2	24.7	32	-3	21	0	73	+4	2	—	—	0	0	410	265
173	DUEIM								1011.4	+0.4	S	3	25.2	33	-1	23	+1	74	+2	2	—	—	1	0	297	205
	RENK																									
172	ROSEIRES								1012.3	+0.5	WNW	2	22.3	30	-2	20	-1	93	+12	5	—	—	2	29	718	531
174	EL OBEID								1012.1	+0.2	SSW	2	25.0	—	—	22	+1	84	+8	4	8	Cs,Ac	1	0	393	220
175	EL FĀSHER								—	—	SW	1	24.0	34	+1	22	+2	87	+16	1	—	—	0	0	196	226
176	S. SUDAN — MALAKĀL								1013.0	+0.3	WNW	2	23.0	32	+1	21	0	91	+7	3	8	Cb	6	9	602	649
177	WĀU								1013.3	+1.8	NE	1	23.5	32	0	21	+1	85	+1	3	—	—	6	27	770	863
178	JŪBA								1015.9	+3.1	E	3	22.5	30	-2	20	0	91	+4	8	6	Cu,Sc	5	dr	831	742
179	Gentina								—	—	SW	2	20.7	30	—	20	—	82	—	3	8	Fb	1	2	—	—
180	Gallabat																									

Upper Wind Observations on 18th (ارصاد الرياح العليا يوم ١٨)

Height metres above M.S.L.	Matruh 07h00 m. Dir. E of N.	Kms per hour	Dikheila 07h45 m. Dir. E of N.	Kms per hour	Cairo 09h15 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 06h00 m. Dir. E of N.	Kms per hour	Khartūm 05h00 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	Juba 06h00 m. Dir. E of N.	Kms per hour	Gentina 07h00 m. Dir. E of N.	Kms per hour	Almaza 17th 12h00 m. Dir. E of N.	Kms per hour
200	250	8	280	10	350	4	310	11	—	—	—	—	20	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	320	16
500	300	10	280	11			230	8	320	4	330	28	50	48	260	24	190	24	—	—	—	—	290	18	—	—	—	—	310	25
[illegible]	300	20	300	28			280	18	330	13	340	23	10	24	270	26	110	50	180	56	200	31	270	14	200	23	200	13	320	31
[redacted]	270	23	280	56			280	25	320	19	330	34	330	21	300	18	220	34	210	—	220	18	260	10	150	18	210	24	320	22
							300	45	330	18	240	20	280	23	40	11	250	19	300	8	150	11					130	24	0	18
																			340	3	60	24					120	39	0	25
4000																					70	40								
5000																														
6000																														

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

تغيرات الطقس المنظرة فى ٢٤ ساعة مرطهـ

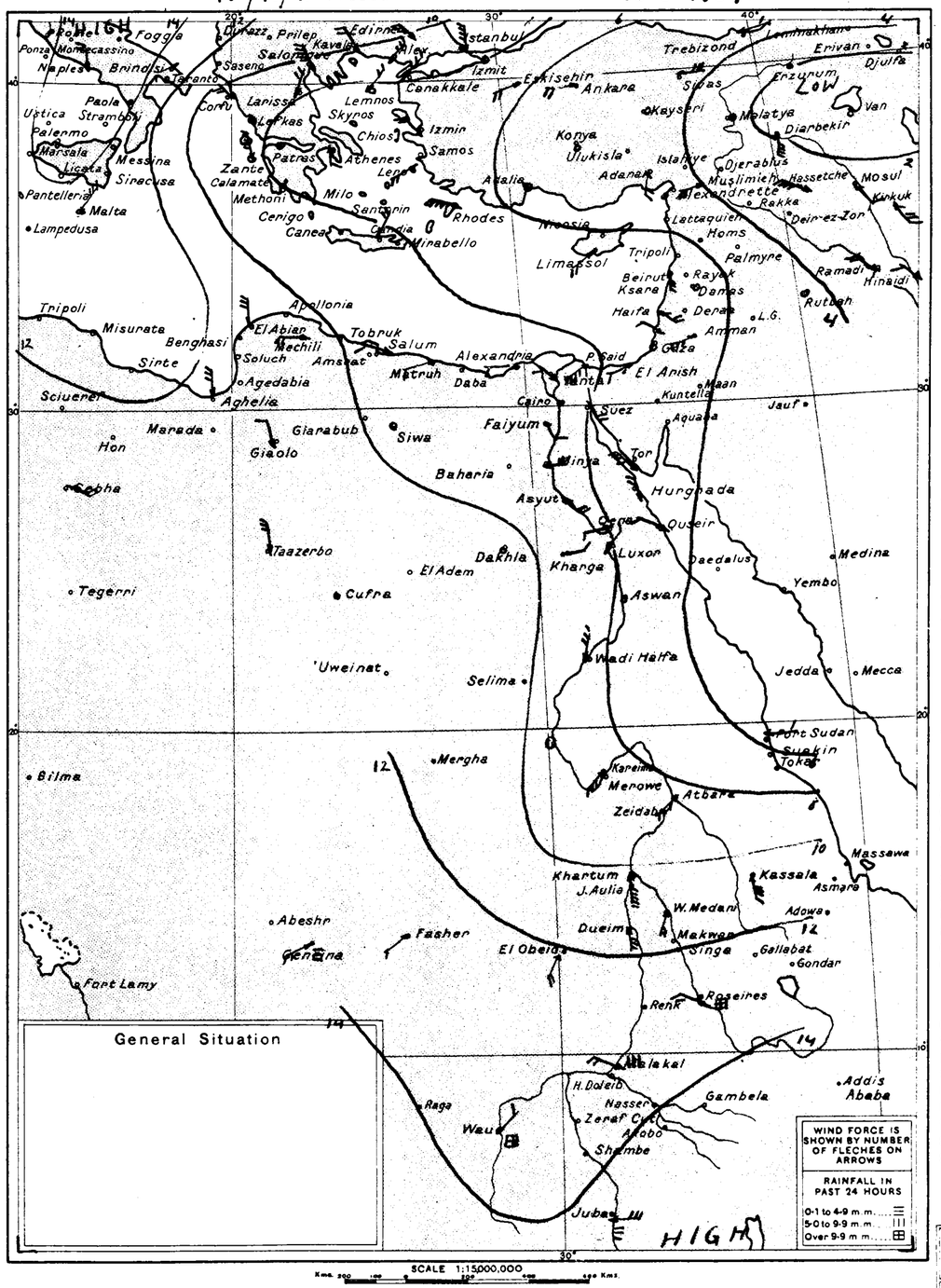
STATION	Mean of day HUMIDITY % on 17th	Diff. from normal	WET BULB TEMP. °C on 17th	Diff. from normal
Alexandria	83	+12	24.1	+1.6
Ezbekiya	67	+5	24.0	+1.1
Giza	66	+2	23.7	+1.3
Helwān	57	+5	21.6	+1.4

Giza Grass minimum on 18th 13.9 °C

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

DATE	1937	1936
18.8	8400	7083
17.8	8264	7186

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	18.8	13.90	+0.15	13.96	+0.21
Nāsser	15.8	9.96	+0.18	9.91	+0.15
Malakāl	18.8	11.69	+0.19	11.95	+0.16
Roseires	18.8	20.76	+1.40	19.23	-2.02
Sennār Res.	17.8	17.21	—	17.18	—
Khartūm	18.8	15.82	+0.42	15.80	+0.43
Kh. el Girba	17.8	14.64	+0.29	14.50	+0.16
'Atbara	18.8	15.98	+0.45	15.36	+0.59
Kajnarti	18.8	142.34	+1.44	142.07	+1.42
Wādi Halfa	18.8	7.94	+0.80	7.89	+0.89
Aswān Res.	18.8	97.07	—	97.04	
" D.S.	18.8	92.11	+0.73	91.95	+0.65
El Leisi	18.8	21.85	+0.42	21.52	+0.22
Rōda (Cairo)	18.8	17.49	+0.26	17.64	+0.16



STATION	At 8 h. on 17th (الساعة ٨ يوم ١٧) 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 m. m. 24 hours	RAINFALL Total fr. Oct. 1 to yesterday m. m.	RAINFALL Normal fr. Oct. 1 to yesterday m. m.	مرصد
Lismassol	1003	-5	E	3	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1006.3	-0.3	WSW	1	29.4	30	-1	24	+2	71	+3	1	—	—	—	0	365	648	حيفا
Gaza	1006.3	-1.4	—	0	27.9	35	+5	21	+1	67	-4	0	9	—	0	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

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

CAIRO

Time of sunrise h. 05 m. 24

sunset h. 18 m. 32

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

DAILY WEATHER REPORT

Month August 1937 ١٩٣٧ شهر اغسطس ١٩-٨-٣٧ Pressure and Wind at 8 h. 19-8-37

At 14 h. on 18th — الساعة ١٤ يوم ١٨

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
	SALÛM	1009.6	NNE	3	26.8	69	1	8
	MATRÛH	1007.9	NNW	3	28.0	71	0	6
	DIKHEILA	1009.1	NNW	3	28.0	68	0	—
	ALEXANDRIA	1008.3	NNW	4	29.9	60	0	9
159	DAMIETTA							
134	PORT SAÏD	1007.1	NE	2	31.1	53	0	8
135	EL 'ARÎSH	1007.6	NNW	3	30.0	78	0	7
136	DAMANHÛR							
137	MANSÛRA							
	TANTA	1008.6	—	0	34.0	51	0	7
	ZAGÂZÎG	1008.0	WNW	1	34.2	47	0	8
	CAIRO: ALMÂZA	1006.8	NNW	3	35.8	35	0	8
	CAIRO: EZBEKÎYA	1007.0	WNW	1	36.0	36	0	8
	CAIRO: GÎZA	1006.8	NE	2	36.4	37	0	7
143	HELWÂN	1006.4	—	0	36.2	24	0	6
144	SUEZ	1006.8	S	1	36.0	29	0	6
153	FAIYÛM	1006.8	NW	3	36.9	22	0	8
154	MINYA	1006.7	NE	3	37.0	18	0	7
155	ASYÛT	1007.1	NW	2	37.0	18	0	8
156	QENA	1006.6	W	1	39.5	16	0	8
157	LUXOR	1006.3	WSW	2	39.9	24	0	8
158	ASWÂN	1005.4	N	2	39.6	22	0	8
148	SÎWA	1007.1	—	0	36.7	38	0	6
149	BAHARÎYA	1007.0	WSW	5	39.4	27	0	9
151	KHÂRGA	1006.6	E	1	39.4	26	0	9
152	DÂKHLA	1007.8	NW	1	39.4	16	0	9
145	TÛR	1006.3	NW	4	34.1	76	0	6
146	HURGHÂDA							
147	QUSEIR	1007.8	NNE	2	34.1	53	0	6
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 19th — الساعة ٨ يوم الخميس ١٩

	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.
	SALÛM	1011.2	-0.1	W	3	24.0	30	—	20	—	79	—	0	5	—	0	0	105	—
	MATRÛH	1010.6	-0.1	—	0	26.4	29	+1	23	+2	72	-7	0	6	—	0	0	182	158
	DIKHEILA	1010.5	—	—	0	27.3	29	—	22	—	72	—	0	6	—	0	0	145	—
	ALEXANDRIA	1010.7	-0.1	—	0	25.7	31	0	24	+1	79	+7	1	8	Cu	2	0	167	190
159	DAMIETTA	1010.4	—	—	0	27.5	34	—	22	—	74	—	1	7	Cu	1	0	75	116
134	PORT SAÏD	1010.0	+1.3	NE	2	27.2	31	0	23	-1	77	+5	0	8	—	1	0	38	82
135	EL 'ARÎSH	1009.9	—	WSW	1	29.0	31	—	22	—	76	—	0	7	—	0	0	85	91
136	DAMANHÛR	1010.7	+0.8	NE	1	27.0	34	+1	21	+2	72	-1	1	6	Cu	0	0	78	110
137	MANSÛRA	1010.3	—	NNE	1	25.9	35	0	22	+1	80	+2	0	8	—	0	0	45	57
	TANTA	1010.2	-0.5	—	0	26.5	36	0	20	-1	80	+5	0	7	—	0	0	54	48
	ZAGÂZÎG	1010.3	—	SSW	1	29.9	34	-1	21	+2	66	-13	0	8	Cu	1	0	20	28
	CAIRO: ALMÂZA	1010.0	—	E	3	32.1	36	—	21	—	28	—	0	8	—	0	0	23	—
	CAIRO: EZBEKÎYA	1009.6	-0.6	WSW	1	31.5	37	+2	23	+2	50	-25	0	7	—	0	0	18	34
	CAIRO: GÎZA	1009.8	-0.7	—	0	32.7	37	+3	21	+2	44	-34	0	5	—	0	0	16	31
143	HELWÂN	1009.6	-0.6	—	0	30.4	38	+3	23	+2	41	-26	0	6	—	0	0	17	35
144	SUEZ	1009.8	+0.5	N	2	27.8	38	+2	24	+1	61	-14	0	7	—	0	0	13	26
153	FAIYÛM	1009.3	-1.1	NNE	1	29.8	40	+4	22	+1	55	-15	0	8	—	0	0	6	11
154	MINYA	1009.6	+0.2	N	1	27.7	38	+2	21	0	43	-26	0	6	—	0	0	16	—
155	ASYÛT	1009.8	+0.7	SE	3	30.0	40	+4	22	-1	38	-17	0	6	—	0	0	dr	5
156	QENA	1009.4	+1.9	N	1	31.2	41	+2	23	0	31	-14	0	7	—	0	0	dr	—
157	LUXOR	1008.7	—	—	0	30.9	40	—	21	—	40	—	0	8	—	0	0	dr	—
158	ASWÂN	1008.8	+1.1	—	0	32.0	41	0	25	0	41	+8	0	8	—	0	0	1	—
148	SÎWA	1009.6	-1.6	—	0	29.1	39	+2	22	+2	68	+7	0	6	—	0	0	29	7
149	BAHARÎYA	1010.0	—	—	0	28.3	41	—	22	—	69	—	0	9	—	0	0	26	—
151	KHÂRGA	1009.5	+0.8	NW	1	28.4	41	+2	21	-1	39	-7	0	9	—	0	0	0	dr
152	DÂKHLA	1010.4	+0.6	—	0	28.0	40	+1	21	-2	27	-10	0	9	—	0	0	dr	—
145	TÛR	1009.3	+2.7	NW	1	29.5	35	+1	24	0	75	+1	0	5	—	0	0	14	14
146	HURGHÂDA	1009.9	+3.0	SSW	1	33.5	35	+1	24	-1	46	-5	0	6	—	0	0	dr	1
147	QUSEIR	1009.0	+2.3	WNW	2	31.0	36	+2	24	-3	34	-11	0	6	—	0	0	1	7
169	PORT SUDAN	1007.6	+1.5	NE	1	—	—	—	—	—	—	—	2	—	—	0	0	43	120
165	WÂDI HALFA	1009.3	+0.7	NNE	3	30.0	41	+1	27	+4	35	+5	0	7	—	0	0	—	—
166	KAREIMA	1009.3	+0.9	SW	3	32.5	42	+1	29	+3	52	+11	0	7	—	0	0	8	23
167	'ATBARA	1009.1	+0.9	SW	3	32.0	41	+1	27	+2	36	-4	0	—	—	0	0	76	58
168	KHARTÛM	1010.3	+0.9	S	4	26.7	35	-2	23	-2	58	-9	1	8	Ac	0	7	112	105
170	KASSALA	1011.1	-0.5	SSE	3	26.2	38	0	23	+1	76	+7	2	8	Ac	0	0	194	225
171	WAD MEDANI	1012.0	+1.3	SW	2	26.3	33	-2	23	+2	84	+15	2	—	—	0	0	410	270
173	DUEIM	1011.5	+0.5	S	3	26	33	-1	23	+1	—	—	4	—	—	2	0	297	208
182	RENK																		
172	ROSEIRES	1010.0	-1.8	SSE	2	23.9	31	-1	21	0	83	+2	3	—	—	1	dr	718	538
174	EL OBEID	1012.0	+0.1	SSW	3	24.0	27	-6	21	0	75	-1	3	8	Ac	1	3	396	223
175	EL FÂSHER	—	—	N	2	22.0	33	0	21	+1	91	+20	3	—	—	0	0	196	231
176	MALAKÂL	1013.4	+0.8	ESE	2	24.0	31	0	23	+2	91	+7	4	8	Cb	8	7	609	655
177	WÂU	1012.8	+1.4	SW	1	22.3	29	-3	21	+1	92	+8	4	—	—	0	0	770	870
178	JÛBA	1015.7	+2.9	SW	4	21.6	32	0	21	+1	91	+4	5	6	Cb	2	dr	831	745
179	Geneina	—	—	NE	3	18.4	29	—	18	—	100	—	5	6	Sc	9	11	—	—
180	Gallabat																		

Upper Wind Observations on 19th — ارصاد الرياح العليا يوم ١٩

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	Dikheila 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	Wadi 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 06h. 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	Juba 06h. 00m. Dir. E of N.	Kms. per hour	Almaza 12h. 15m. Dir. E of N.	Kms. per hour
200	270	21	250	6	60	1	70	11	40	15	—	—	—	—	20	14	—	—	—	—	—	—	—	—	—	—	—	—	260	26
500	—	—	280	4	150	4	70	20	90	9	250	7	0	12	50	27	260	37	210	31	—	—	—	—	120	8	—	—	260	25
1000	270	44					40	4	90	9	280	13	20	25	40	18	260	34	220	40	210	51	240	13	210	3	290	80	160	4
1500	260	82?					240	14	230	10	260	10	30	12	310	18	290	21	210	24	250	23	190	13	120	11	260	74	250	37
2000							250	21	250	27	290	8	320	36	300	19			350	16	230	14	120	18	160	6			290	38
3000									230	24									60	16	0	16	90	34	310	5			300	34
4000									280	17																				
5000									270	22																				
6000									240	42																				
7000									250	48																				

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

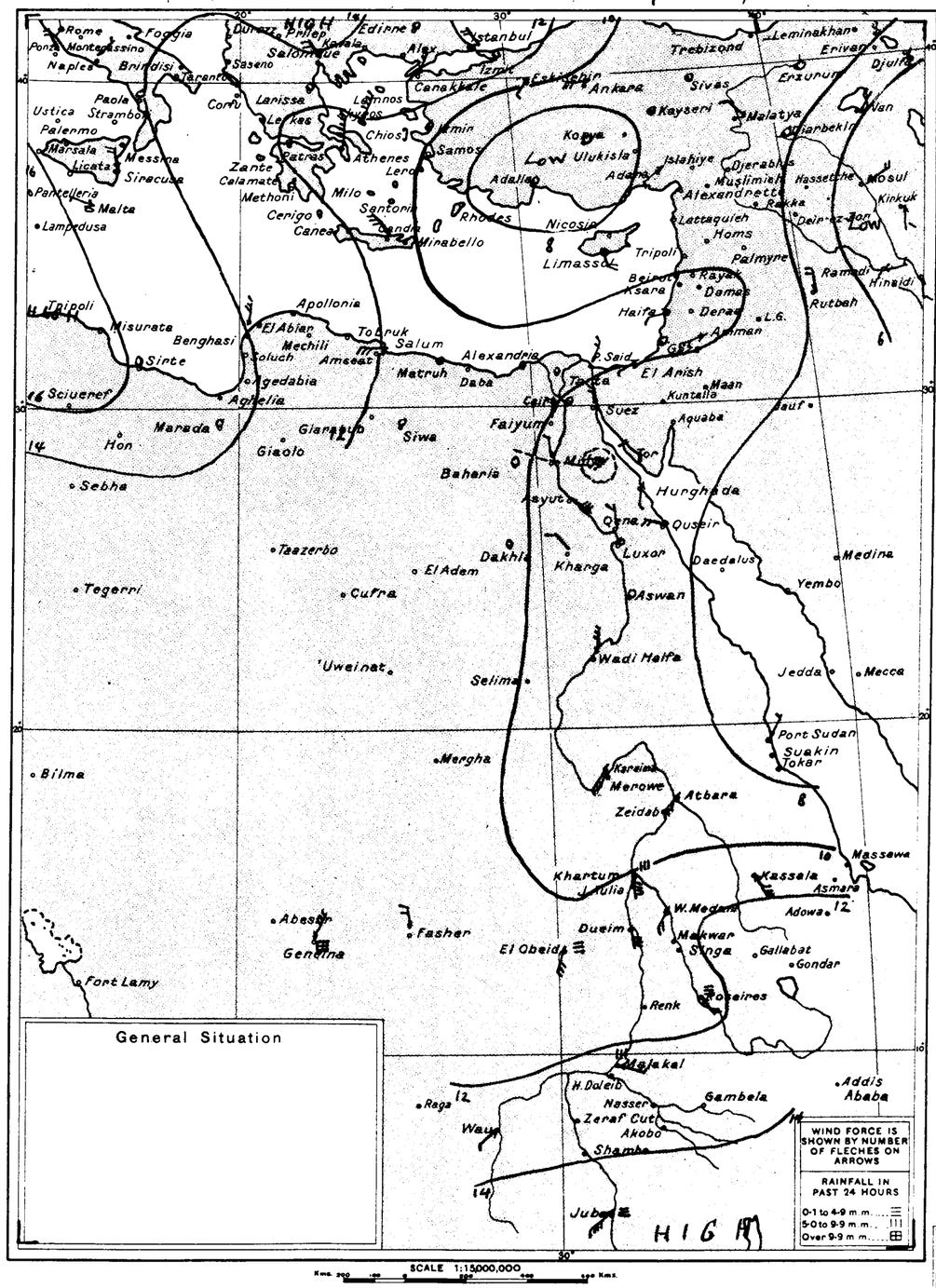
STATION	Mean of day HUMIDITY % on 18th	Diff. from normal	WET BULB TEMP. °C 18th	Diff. from normal
Alexandria	74	+3	23.8	+1.4
Ezbekiya	68	+6	23.9	+1.0
Gîza	68	+4	23.9	+1.5
Helwân	41	-11	20.9	+0.7

Gîza Grass minimum on 19th 16.4 °C

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

DATE	1937	1936
19-8	85.13	74.57
18-8	84.00	70.83

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	18-8	13.90	+0.15	13.96	+0.21
Nâsser	17-8	9.98	+0.17	9.96	+0.16
Malakâl	19-8	12.01	+0.19	11.99	+0.19
Roseires	19-8	20.50	+1.23	20.66	+1.40
Sennâr Res.	18-8	17.20	—	17.21	—
Khartûm	19-8	15.77	+0.34	15.82	+0.42
Kh. el Girba	18-8	15.02	+0.67	14.64	+0.29
'Atbara	18-8	15.28	+0.44	15.36	+0.59
Kajnarti	19-8	142.49	+1.59	142.24	+1.44
Wâdi Halfa	19-8	8.08	+0.85	7.94	+0.80
Aswân Res.	19-8	97.13	—	97.07	—
" D.S.	19-8	92.17	+0.72	92.11	+0.73
El Leisi	19-8	22.15	+0.51	21.85	+0.42
Rôda (Cairo)	19-8	18.13	+0.38	17.89	+0.26



At 8 h. on 18th — الساعة ٨ يوم ١٨

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.	محطة
Limassol	1007	-1	SW	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1006.0	-0.7	ESE	2	27.8	29	-2	25	+3	77	+9	1	—	—	—	0	365	648	حيفا
Gaza	1007.2	-0.6	—	0	27.0	33	+3	22	+2	76	+5	0	9	—	0	0	395	376	غزة
Bahariya	1008.6	—	—	0	28.4	37	—	20	—	48	—	0	9	—	0	0	26	—	البحرية

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. 25
sunset h. 18 m. 31

Month *August*, 1937 ١٩٣٧ شهر اغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٧-٨-٢٠ Pressure and Wind at 8 h. *20. 8. 1937*

1417 F.C.

At 14 h. on *19th* ١٩ يوم الساعة ١٤

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
[redacted]	LŪM	1011.5	NNE	3	26.7	66	1	7
[redacted]	TRŪH	1010.6	N	2	28.0	66	1	6
[redacted]	KHEILA	1011.5	NNW	3	28.0	74	0	—
132	ALEXANDRIA	1010.8	NNE	2	31.0	58	0	9
159	DAMIETTA							
134	PORT SAÏD	1011.0	NE	2	31.1	53	0	8
135	EL 'ARĪSH	1009.9	NNE	3	29.3	76	0	7
136	DAMANHŪR							
137	MANSŪRA							
[redacted]	TANTA	1009.5	N	2	34.0	51	0	7
[redacted]	ZAGĀZĪG	1009.8	NNW	2	34.9	39	0	8
	CAIRO: ALMĀZA	1009.4	WNW	3	37.1	24	0	8
	CAIRO: EZBEKĪYA	1008.8	WNW	1	37.5	32	0	8
	CAIRO: GĪZA							
143	HELWĀN	1008.0	NW	2	37.4	15	0	8
144	SUEZ	1008.6	N	2	32.5	17	0	6
153	FAIYŪM	1007.2	NW	1	37.9	20	0	8
154	MINYA	1008.0	ENE	2	38.8	18	0	7
155	ASYŪT	1008.6	NNW	3	37.1	15	0	8
156	QENA	1007.6	WNW	1	41.2	20	0	8
157	LUXOR	1007.2	NNW	3	40.6	23	0	8
158	ASWĀN	1006.3	N	3	40.2	12	0	8
148	SĪWA	1009.4	—	0	36.6	34	0	6
149	BAHARĪYA	1008.4	W	5	39.4	32	0	9
151	KHĀRGA	1007.6	ENE	1	40.7	25	0	9
152	DĀKHLA	1008.3	NNW	1	41.0	15	0	8
145	TŌR	1007.2	N	2	40.0	34	0	6
146	HURGHĀDA							
147	QUSEIR	1009.3	NNE	2	33.9	56	0	6
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	Genelna							
180	Gallabat							

At 8 h. on *Friday 20th* ٢٠ الجمعة 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	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.
[redacted]	LŪM	1013.5	+2.1	NNE	2	25.0	31	—	23	—	76	—	3	6	Cu	2	0	105	—
[redacted]	TRŪH	1012.2	+1.4	NE	2	26.9	29	+1	25	+4	68	-11	1	6	Cu	1	0	182	158
[redacted]	KHEILA	1011.9	—	—	0	27.9	29	—	23	—	70	—	1	7	Cu	0	0	145	—
132	ALEXANDRIA	1011.9	+1.0	—	0	25.7	31	0	24	+1	82	+10	2	8	Cu	2	0	167	190
159	DAMIETTA	1011.0	—	WSW	1	27.8	33	—	23	—	73	—	3	8	Cu	1	0	75	116
134	PORT SAÏD	1011.6	+2.8	NE	1	27.5	32	+1	24	0	74	+2	0	7	—	1	0	38	82
135	EL 'ARĪSH	1010.8	—	ESE	1	29.6	31	—	22	—	71	—	0	7	—	0	0	85	91
136	DAMANHŪR	1011.6	+1.6	—	—	27.9	33	0	21	+2	69	-4	0	8	—	0	0	78	110
137	MANSŪRA	1011.0	—	N	1	26.3	35	0	22	+1	77	-1	0	8	—	0	0	45	67
[redacted]	TANTA	1011.5	+0.8	—	0	27.0	35	-1	21	0	77	+2	0	7	—	0	0	54	48
[redacted]	ZAGĀZĪG	1011.1	—	NNW	1	27.9	35	0	21	+2	77	-3	0	8	—	0	0	20	28
	CAIRO: ALMĀZA	1011.1	—	NNE	2	29.7	38	—	21	—	52	—	0	8	—	0	0	23	—
	CAIRO: EZBEKĪYA	1010.0	-0.2	—	0	29.4	38	+4	23	+2	62	-13	0	5	—	0	0	18	34
	CAIRO: GĪZA	1010.2	-0.2	NW	1	26.6	37	+3	20	+1	74	-4	0	5	—	0	0	16	31
143	HELWĀN	1009.9	-0.3	NNW	2	26.9	39	+5	23	+2	61	-6	0	6	—	0	0	17	35
144	SUEZ	1010.8	+1.3	N	1	27.5	39	+3	23	0	64	-11	0	7	—	0	0	13	26
153	FAIYŪM	1009.8	-0.7	NE	1	29.9	40	+4	22	+1	54	-16	0	8	—	0	0	6	11
154	MINYA	1009.8	+0.3	NNW	1	30.7	40	+5	23	+2	31	-38	0	8	—	0	0	16	—
155	ASYŪT	1009.6	+0.4	ESE	2	32.6	39	+3	23	0	36	-20	0	7	—	0	0	dr.	5
156	QENA	1009.3	+1.8	NNE	1	31.0	42	+3	24	+1	32	-14	0	8	—	0	0	dr.	—
157	LUXOR	1008.7	—	—	0	32.7	42	—	21	—	36	—	0	8	—	0	0	dr.	—
158	ASWĀN	1007.4	-0.3	—	0	30.6	42	+1	25	0	28	-5	0	8	—	0	0	-1	—
148	SĪWA	1011.4	+0.2	—	0	30.2	38	+1	24	+4	63	+2	0	6	—	0	0	29	7
149	BAHARĪYA	1009.0	—	ENE	1	30.6	41	—	25	—	55	—	0	9	—	0	0	26	—
151	KHĀRGA	1009.5	+0.7	N	1	30.4	43	+4	23	+1	41	-5	0	9	—	0	0	0	dr.
152	DĀKHLA	1010.4	+0.5	—	0	29.0	42	+3	21	+2	25	-12	0	7	—	0	0	dr	—
145	TŌR	1009.0	+2.4	NW	4	29.0	42	+8	26	+2	85	+11	0	5	—	0	0	14	14
146	HURGHĀDA	1010.4	+3.4	NNW	2	32.5	37	+2	24	-1	56	+5	0	6	—	0	0	dr.	1
147	QUSEIR	1008.4	+1.6	N	2	32.5	37	+3	29	+2	42	-3	0	6	—	0	0	1	7
169	PORT SUDAN	1005.9	-0.2	SW	2	—	—	—	—	—	—	—	3	—	—	1	0	43	120
165	WĀDI HALFA	1008.8	+0.1	NNE	2	30.4	42	+2	27	+4	38	+8	0	8	—	6	—	—	—
166	KAREIMA	1007.2	-1.2	NE	4	33.5	42	+1	28	+2	37	-4	2	8	Ci	0	0	8	24
167	'ATBARA	1006.7	-1.5	NE	1	34.0	42	+2	29	+4	32	-8	0	—	—	0	0	76	60
168	KHARTŪM	1007.3	-2.1	S	3	29.3	36	-1	27	+2	58	-9	4	8	Cs	1	0	112	107
170	KASSALA	1009.5	-2.1	S	3	27.0	34	0	24	+2	77	+8	2	8	Ac	0	0	194	229
171	WAD MEDANI	—	—	S	3	26.2	34	-1	23	+2	82	+13	2	—	—	1	dr.	410	275
173	DUEIM	1010.2	-0.8	S	3	27.4	34	0	24	+2	68	-4	0	—	—	0	0	297	212
182	RENK																		
172	ROSEIRES	1011.4	-0.4	WSW	2	223	31	-1	21	0	92	+11	4	—	—	8	12	730	545
174	EL OBEID	1011.5	-0.4	S	4	24.5	30	-3	22	+1	79	+3	4	8	Cs	1	dr.	396	227
175	EL FĀSHER	—	—	WSW	1	25.0	33	0	22	+2	80	+9	0	—	—	0	0	196	236
176	MALAKĀL	1011.6	-1.0	W	1	24.1	32	+1	22	+1	91	+7	4	8	Sc	6	2	611	661
177	WĀU	1011.9	+0.5	N	1	24.0	32	0	22	+2	86	+2	2	—	—	1	1	771	877
178	JŪBA	1014.7	+1.9	SE	3	23.0	30	-1	20	-2	91	+4	4	7	Sc	5	dr.	831	748
179	Genelna	—	—	SW	3	21.7	29	—	20	—	91	—	2	8	Sc	0	1	—	—
180	Gallabat																		

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

Height metres above M.S.L.	Dukheila 07h. 30m. 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 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	Juba 06h. 00m. Dir. E of N.	Kms per hour	Genelna 07h. 00m. Dir. E of N.	Kms per hour	Saluma 13h. 00m. Dir. E of N.	Kms per hour	Almaza 11h. 45m. 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	280	6	30	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40	10	320	14								
500	340	11	60	37	30	40	230	37	—	—	230	34	150	8	—	—	—	—	270	7	0	4								
[redacted]	300	20	30	26	30	56	240	21	220	43	220	14	100	8	270	21	230	21	240	28	350	8								
[redacted]	280	30	0	24	10	37	240	11	240	31	20	14	70	19	120	10	230	10	250	29										
[redacted]	280	41	330	23			280	8					30	16	160	18	210	10												
3000			320	27											250	8														
4000			280	16											250	21														
5000															210	16														
6000															40	5														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

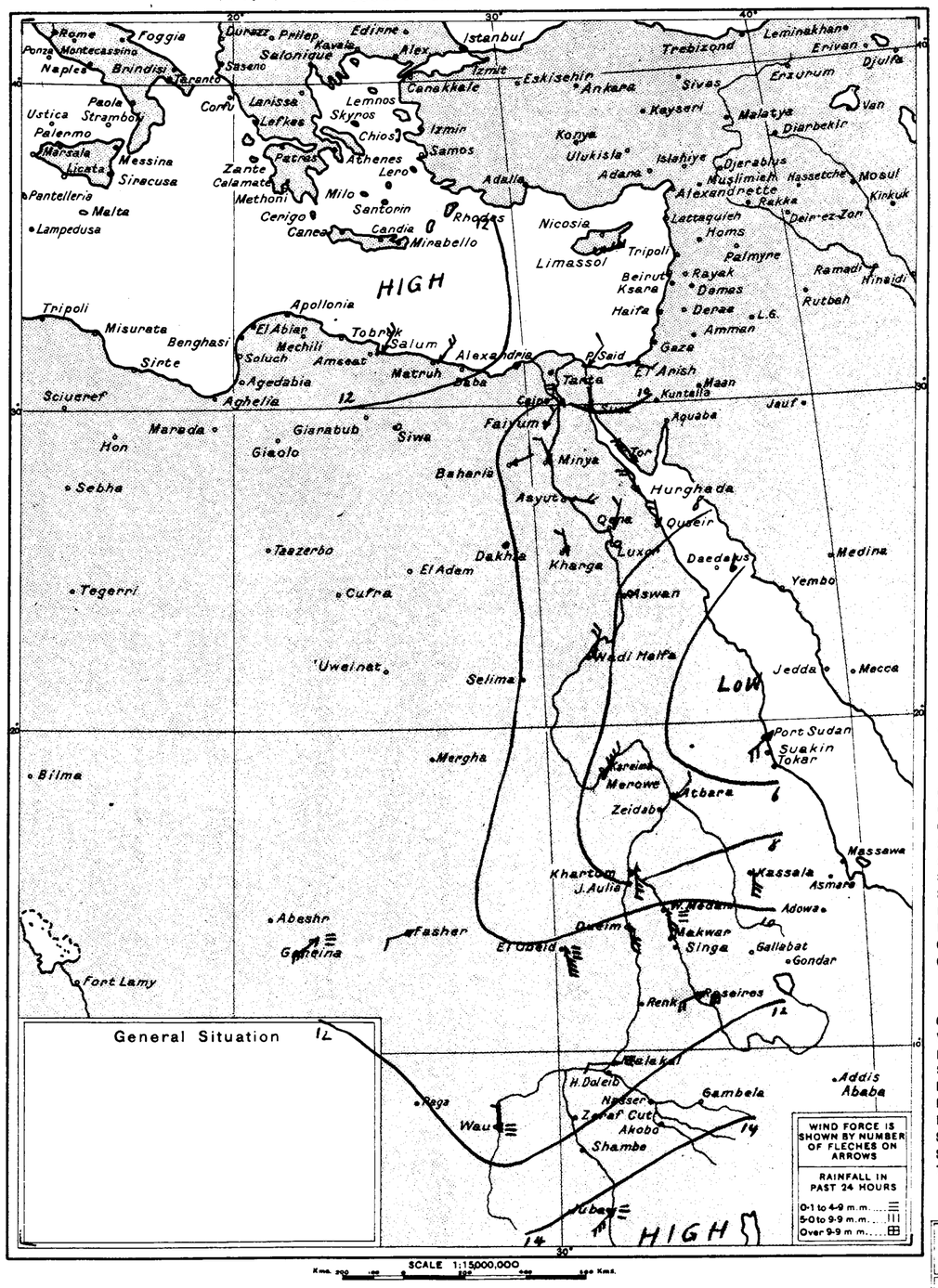
STATION	Mean of day: Humidity % on 19th	Humidity Diff. from normal	Wet Bulb Temp. °C on 19th	Wet Bulb Temp. Diff. from normal
Alexandria	77	+6	23.8	+1.4
Ezbekiya	53	-9	24.7	+1.8
Gīza	62	-2	24.0	+1.6
Helwān	45	-7	21.8	+1.8

Gīza Grass minimum on *20th* 16.3

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

DATE	1937	1936
20.8	87.56	77.91
17.8	85.13	74.57

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	20.8	13.92	+0.16	13.88	+0.13
Nāsser	18.8	10.02	+0.20	9.98	+0.17
Malakāl	20.8	12.02	+0.19	12.01	+0.19
Roseires	20.8	2.23	+0.95	2.50	+1.22
Sennār Res.	20.8	17.25		17.17	—
Khartūm	20.8	15.84	+0.39	15.77	+0.34
Kh. el Girba	20.8	15.06	+0.75	15.18	+0.85
'Atbara	18.8	15.28	+0.45	15.36	+0.39
Kajnarti	20.8	142.70	+1.70	142.49	+1.39
Wādi Halfa	20.8	8.23	+0.95	8.08	+0.85
Aswān Res.	20.8	97.26	—	97.13	—
,, D. S.	20.8	92.30	+0.78	92.17	+0.72
El Leisi	20.8	22.42	+0.70	22.15	+0.51
Rōda (Cairo)	20.8	18.41	+0.61	18.13	+0.38



At 8 h. on *19. 8. 1937* ١٩٣٧-٨-١٩ 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.	مصدر
Limassol	1009	+1	S	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.7	+3.9	WSW	1	27.7	28	-5	23	+1	83	+15	1	—	—	—	0	365	648	حيفا
Gaza	1009.5	+1.6	—	0	27.1	35	+5	19	-1	68	-3	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 5 26 h. m.
sunset 18 30

Month August 1937 ١٩٣٧ شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧/٨/٢١ Pressure and Wind at 8 h. 21·8·1937.

1417 F.C.

At 14 h. on 20th — الساعة ١٤ يوم ٢٠

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
	MEDITERRANEAN: SALÛM	1013.9	NNE	2	26.7	72	1	8
	MATRÛH	1012.4	NNE	3	28.2	67	1	6
	DIKHEILA	1012.5	NW	5	28.4	69	0	8
132	ALEXANDRIA	1011.8	N	2	29.0	62	1	9
159	DAMIETTA							
134	PORT SAÏD	1011.1	NE	2	30.8	56	0	8
135	EL 'ARÎSH	1010.4	NNW	3	29.5	77	0	7
136	DELTA EGYPT: DAMANHÛR							
137	MANSÛRA							
	TANTA	1010.8	NW	2	33.5	50	0	7
	ZAGÂZÎG	1010.8	NW	1	33.9	53	0	8
	MIDDLE EGYPT: CAIRO ALMÂZA	1009.4	NNW	4	34.8	46	0	8
	EZBEKÎYA	1009.8	WNW	1	35.0	45	0	8
	GÎZA	1009.8	N	2	34.2	45	1	7
143	HELWÂN	1009.1	WNW	5	35.1	27	0	7
144	SUEZ	1006.8	NNW	2	37.0	30	0	7
153	UPPER EGYPT: FAIYÛM	1008.7	N	2	37.0	23	0	8
154	MINYA	1008.7	NNE	2	38.5	22	0	7
155	ASYÛT	1008.0	NW	3	39.0	13	0	8
156	QENA	1007.0	NW	3	42.8	14	0	9
157	LUXOR	1007.1	WSW	4	40.9	25	0	8
158	ASWÂN	1006.7	N	3	42.3	12	0	8
148	WESTERN DESERT: SÎWA	1010.3	W	2	37.5	33	0	6
149	BAHARÎYA	1008.7	NW	2	38.1	37	0	9
151	KHÂRGA	1007.8	WSW	1	42.3	22	0	9
152	DÂKHLA	1008.4	NW	3	41.5	14	0	8
145	RED SEA: TÛR	1006.8	NW	5	37.0	41	0	6
146	HURGHÂDA							
147	QUSEIR	1008.4	N	2	35.0	45	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							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	S. SUDAN: MALAKÂL							
177	WÂU							
178	JÛBA							
179	Geneina							
180	Gallabat							

At 8 h. on Saturday 21st — السبت ٢١ — 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	1014.7	+3.2	NNW	2	24.5	27	—	19	—	76	—	1	6	Cu	0	0	105	—
	MATRÛH	1013.0	+2.1	NNW	2	26.3	29	+1	25	+4	69	-10	0	6	—	0	0	182	158
	DIKHEILA	1012.1	—	NNW	3	26.5	29	—	25	—	72	—	1	8	Cu	2	0	145	—
132	ALEXANDRIA	1012.2	+1.2	N	1	26.1	31	0	24	+1	73	+1	1	9	Cu	0	0	167	190
159	DAMIETTA	1011.0	—	SW	1	27.7	33	—	21	—	69	—	2	8	Cu	1	0	75	116
134	PORT SAÏD	1011.2	+2.3	NE	3	27.2	32	+1	24	+1	68	-4	1	8	Cu	1	0	38	82
135	EL 'ARÎSH	1010.6	—	NNW	1	28.2	30	—	22	—	77	—	2	7	Cu	0	0	85	91
136	DELTA EGYPT: DAMANHÛR	1012.2	+2.0	W	1	28.0	34	+1	22	+3	67	-6	0	7	—	0	0	78	110
137	MANSÛRA	1011.0	—	NE	1	25.6	34	-1	21	0	71	-7	0	8	—	0	0	45	57
	TANTA	1012.0	+1.2	—	0	26.0	34	-1	19	-1	76	+1	3	6	Cu	2	0	54	48
	ZAGÂZÎG	1011.8	—	NNW	1	27.1	34	-1	20	+1	72	-8	1	8	Ci	1	0	20	28
	MIDDLE EGYPT: CAIRO ALMÂZA	1011.9	—	N	3	24.8	35	—	19	—	77	—	3	7	Sc	2	0	23	—
	EZBEKÎYA	1011.6	+1.3	NNE	2	25.0	36	+2	22	+1	85	+9	3	5	Sc	1	0	18	34
	GÎZA	1011.8	+1.3	N	1	24.7	35	+1	21	+2	83	+5	3	6	Sc	1	0	16	31
143	HELWÂN	1011.5	+1.2	N	3	24.4	37	+3	22	+1	70	+3	1	5	Sc	1	0	17	35
144	SUEZ	1011.4	+1.8	NW	2	26.5	38	+2	24	+1	73	-2	0	7	—	0	0	13	26
153	UPPER EGYPT: FAIYÛM	1011.2	+0.6	N	3	26.0	39	+3	23	+2	72	+2	0	7	Cu	0	0	6	11
154	MINYA	1010.6	+1.0	N	3	27.0	39	+4	25	+4	56	-14	0	9	—	0	0	16	—
155	ASYÛT	1010.2	+1.0	SW	2	29.2	40	+4	24	+1	57	0	0	7	—	0	0	dr	5
156	QENA	1008.6	+1.0	N	1	31.5	43	+4	25	+2	34	-12	0	7	—	0	0	dr	—
157	LUXOR	1007.9	—	—	0	33.7	42	—	21	—	35	—	0	8	—	0	0	dr	—
158	ASWÂN	1006.8	-1.0	—	0	30.9	43	+2	25	0	27	-6	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1013.3	+2.0	—	0	27.7	39	+2	23	+3	73	+12	0	6	—	0	0	29	7
149	BAHARÎYA	1012.0	—	NNE	1	28.0	40	—	23	—	66	—	0	9	—	0	0	26	—
151	KHÂRGA	1008.8	-0.1	NE	3	32.7	44	+5	25	+3	49	+3	0	9	—	0	0	0	dr
152	DÂKHLA	1010.7	+0.7	—	0	30.5	43	+4	26	+3	36	-1	0	8	—	0	0	dr	—
145	RED SEA: TÛR	1007.2	+0.5	NW	5	28.2	39	+5	27	+3	83	+9	0	5	—	0	0	14	14
146	HURGHÂDA	1007.6	+0.5	NNW	3	33.2	38	+3	26	+1	50	0	0	5	—	0	0	dr	1
147	QUSEIR	1007.6	+0.7	N	2	33.3	36	+2	28	+1	48	+3	0	6	—	0	0	1	7
169	PORT SUDAN	1005.5	-0.7	W	1	—	—	—	—	—	—	—	3	—	—	0	0	43	121
165	NORTH SUDAN: WÂDI HALFA	1008.7	0.0	NNE	1	28.1	42	+2	25	+2	36	+6	1	8	Ci	0	—	—	—
166	KAREIMA	1006.5	-2.0	NE	1	32.3	45	+4	27	+1	38	-3	2	7	Ac	0	0	8	25
167	'ATBARA	1007.1	-1.1	S	3	31.0	43	+3	28	+3	44	+4	0	—	—	0	0	76	61
168	KHARTÛM	1008.7	-0.7	S	4	28.3	39	+2	25	0	57	-10	2	8	Ci,Ac	0	0	112	110
170	KASSALA	1009.6	-2.0	SSE	3	25.3	35	+1	22	0	76	+7	2	8	Ac	0	0	194	233
171	CENTRAL SUDAN: WAD MEDANI	1009.4	-1.3	SSW	2	26.0	33	-2	22	+1	82	+13	2	—	—	0	0	410	280
173	DUEIM	1009.6	-1.4	S	4	26.4	35	+1	23	+1	75	+3	0	—	—	0	0	297	218
182	RENK																		
172	ROSEIRES	1010.2	-1.6	WSW	2	25.2	29	-3	21	0	77	-4	0	—	—	0	17	747	552
174	EL OBEID	1009.7	-2.2	SW	4	24.6	32	-1	21	0	68	-8	1	8	Ac	0	0	396	231
175	EL FÂSHER	—	—	SW	1	25.0	35	+2	22	+2	84	+13	1	—	—	0	5	201	241
176	S. SUDAN: MALAKÂL	1009.5	-3.1	S	2	25.1	30	-1	22	+1	84	0	1	8	Ac	1	9	620	667
177	WÂU	1010.6	-0.8	SW	1	23.4	32	0	22	+2	86	+2	3	—	—	0	0	771	884
178	JÛBA	1012.0	-0.7	SE	2	25.6	34	+3	21	+1	76	-11	3	7	Sc	2	0	831	751
179	Geneina	—	—	NE	3	20.9	31	—	19	—	91	—	4	8	Sc	1	12	—	—
180	Gallabat																		

Upper Wind Observations on 21st — ارصاد الرياح العليا يوم ٢١

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 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 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	Ismailia 07 h. 00 m. Dir. E. of N.	Kms. per hour	Almaza 12 h. 15 m. Dir. E. of N.	Kms. per hour
200	340	9	340	10	30	8	350	11	—	—	—	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—	340	11	340	9
500	—	—	350	20	10	14	20	11	10	20	10	25	50	26	40	47	210	24	—	—	—	—	—	—	—	—	0	11	350	12
	10	19	10	29	350	17	350	19	350	30	340	26	30	29	50	60	220	27	190	51	190	40	90	8	220	19	350	13	340	8
	330	19	20	20			330	24	320	24	320	33	0	23	50	63	230	11	240	21	260	14	160	26	200	6	330	19	320	13
			330	18			330	16	310	32	310	36	340	19			290	5	240	27	10	18			0	34	300	18		
3000							290	25			340	36	310	31											60	56	240	11		
4000							280	25																	70	68	Tail			
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

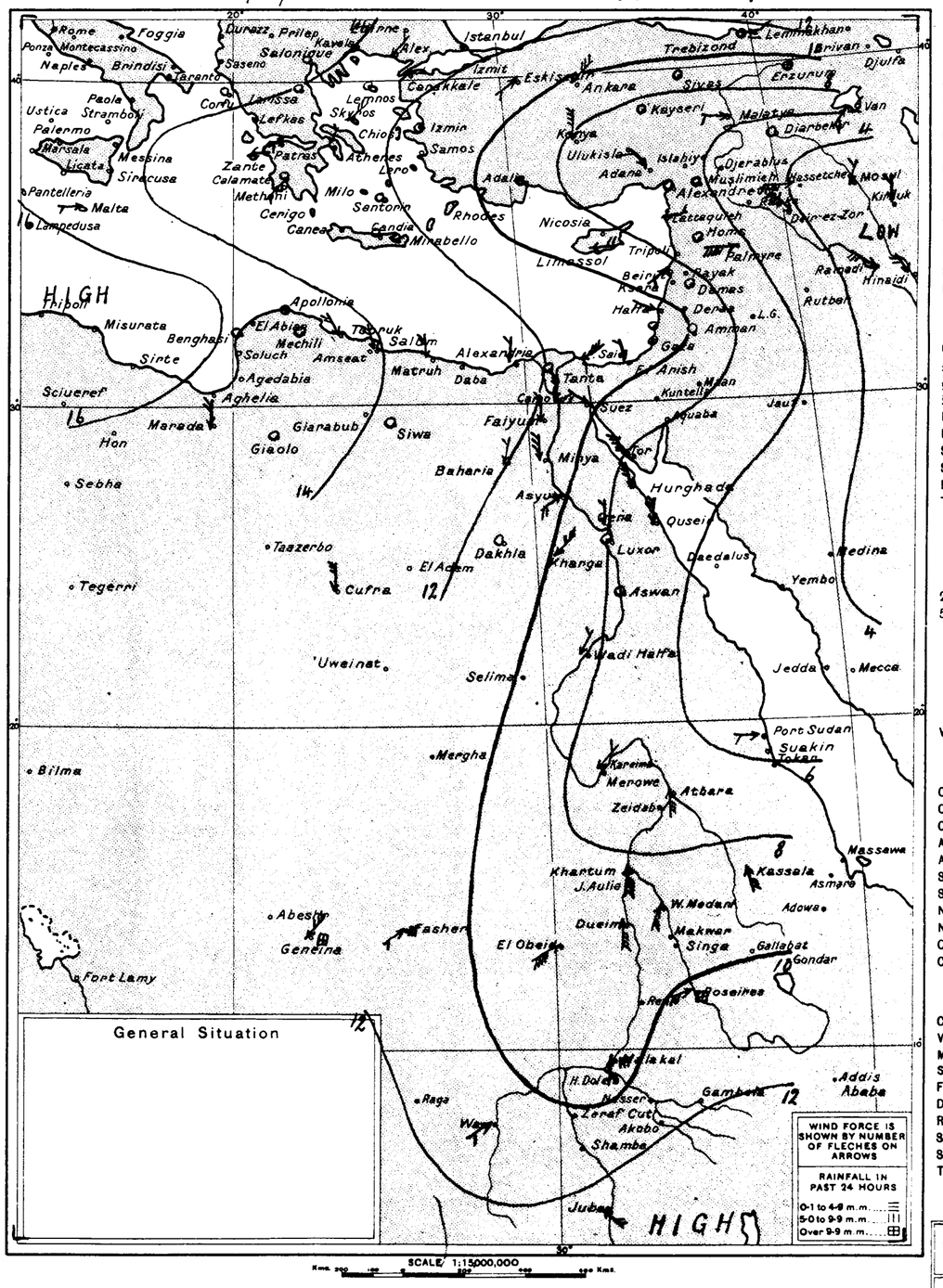
STATION	Mean of day: Humidity % on 20th	Diff. from normal	Wet Bulb Temp. °C on 20th	Diff. from normal
Alexandria	75	+4	23.1	+0.7
Ezbekiya	57	-5	24.6	+1.7
Gîza	62	-3	23.8	+1.4
Helwân	53	+1	22.2	+2.0

Gîza Grass minimum on 21st 17.2 °C

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

DATE	1937	1936
21-8	9205	8377
20-8	8756	7791

GAUGE	Date 1937	Previous day: Reading m.	Diff. from normal m.	Reading m.	Diff. from normal m.
Jûba	21-8	13.98	+0.22	13.92	+0.16
Nâsser	20-8	10.06	+0.21	10.08	+0.24
Malakâl	21-8	12.04	+0.20	12.02	+0.19
Roseires	21-8	21.03	+1.75	20.23	+0.95
Sennâr Res.	20-8	17.25	—	17.17	—
Khartûm	21-8	15.98	+0.48	15.84	+0.39
Kh. el Girba	20-8	15.06	+0.75	15.18	+0.85
'Atbara	21-8	15.58	+0.66	15.54	+0.64
Kajnarti	21-8	142.68	+1.58	142.70	+1.70
Wâdi Halfa	21-8	8.25	+0.92	8.23	+0.95
Aswân Res.	21-8	47.50	—	97.26	—
,, D.S.	21-8	42.45	+0.85	42.30	+0.78
El Leisi	21-8	22.77	+0.94	22.42	+0.70
Rôda (Cairo)	21-8	18.68	+0.79	18.41	+0.61



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 20·8·1937. ١٩٣٧/٨/٢٠ 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
Ismassoi	1011	+3	E	3	—	—	—	—	—	—	—	0	—	—	—	—	—	—	اسماعيل
Haifa	1010.7	+3.8	WSW	1	28.7	29	-2	24	+2	77	+9	1	—	—	—	0	365	646	حيفا
Gaza	1010.6	+2.6	—	0	26.0	35	+5	19	-1	74	+3	0	9	—	0	0	395	376	غزه

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 26m
sunset 18h 29m

Month *August,* 1937 ١٩٣٧ شهر اغسطس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧/٨/٢٢

1417 F.C.

At 14h. on 21st — الساعة ١٤ يوم ٢١ ; At 8h. on Sunday 22nd — الساعة ٨ يوم الاحد ٢٢

	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.	
	MEDITERRANEAN																										
	SALÛM	1014.4	NNE	5	27.0	75	1	8	1014.4	+2.8	NNW	3	24.9	28	—	20	—	75	—	0	7	Cu	0	0	105	—	
	MATRÛH	1013.0	NNW	4	27.4	71	0	6	1012.6	+1.6	NW	4	26.0	28	0	21	0	73	-5	3	6	Cu	1	0	182	158	
	DIKHEILA								1012.3	—	NW	4	26.9	29	—	25	—	77	—	1	8	Cu	0	0	145	—	
132	ALEXANDRIA	1012.0	N	5	29.2	62	0	9	1011.6	+0.5	NW	3	26.6	31	0	25	+2	74	+2	1	9	Cu	0	0	167	190	
159	DAMIETTA								1010.6	—	NW	3	29.0	32	—	24	—	65	—	2	8	Cu	1	0	75	116	
134	PORT SAÎD	1011.1	NW	3	32.1	49	0	8	1011.0	+2.0	NW	5	28.1	32	+1	25	+2	61	-11	1	8	Cc	1	0	38	82	
135	EL 'ARÎSH	1009.8	NNW	3	29.0	82	0	7	1009.9	—	NNW	1	28.2	30	—	24	—	77	—	1	7	Cu	1	0	85	91	
	EGYPT																										
136	DAMANHÛR								1011.8	+1.5	WNW	1	27.1	32	-1	20	+1	70	-3	0	7	Cu	0	0	78	110	
137	MANSÛRA								1010.7	—	NNW	1	26.5	34	-1	21	0	73	-5	0	8	—	0	0	45	57	
	…ANTA	1010.6	NW	5	32.0	60	0	7	1011.6	+0.6	NW	2	26.0	33	-2	19	-1	76	+1	0	7	—	0	0	54	48	
	…GÂZÎG	1010.8	NNW	1	32.1	53	1	8	1011.9	—	WSW	1	26.9	32	-3	19	0	76	-4	0	8	Ci	1	0	20	28	
	MIDDLE EGYPT																										
	ALMÂZA	1010.6	NW	3	32.8	46	1	8	1012.2	—	NNW	3	25.1	33	—	18	—	77	—	0	7	Sc	0	0	23	—	
	EZBEKÎYA	1010.2	NW	1	33.0	48	0	8	1011.4	+1.1	NNW	1	27.0	34	0	22	+1	82	+6	1	6	Cu	1	0	18	34	
	GÎZA	1010.2	NNE	2	31.9	47	1	7	1011.4	+0.9	NNE	2	25.3	33	-1	19	0	77	-2	1	6	Cu	0	0	16	31	
143	HELWÂN	1009.9	NW	5	32.2	29	0	6	1011.4	+1.0	NW	3	24.1	33	-1	21	0	76	+9	0	5	Cu	1	0	17	35	
144	SUEZ	1010.0	N	3	33.0	39	0	7	1011.2	+1.5	N	2	27.0	34	-2	22	-1	66	-9	1	7.	—	1	0	13	26	
	UPPER EGYPT																										
153	FAIYÛM	1009.9	N	4	33.9	28	0	8	1011.2	+0.5	N	3	25.2	35	-1	21	0	75	+5	0	7	Cu	0	0	6	11	
154	MINYA	1009.4	N	4	34.5	29	0	7	1011.1	+1.4	NNE	3	25.7	35	0	22	+1	64	-6	0	6	—	0	0	16	—	
155	ASYÛT	1008.6	WNW	4	35.1	27	0	8	1010.4	+1.1	NW	4	26.0	36	0	21	-2	55	-3	0	7	—	0	0	dr	5	
156	QENA	1006.4	NW	2	40.3	22	0	8	1008.3	+0.6	WSW	5	27.5	42	+3	23	0	52	+6	0	8	—	0	0	dr	—	
157	LUXOR	1005.9	NNW	4	39.3	33	0	8	1007.9	—	NNW	4	31.0	41	—	23	—	45	—	0	8	—	0	0	dr	—	
158	ASWÂN	1004.6	NNW	3	41.3	17	0	8	1007.4	-0.5	N	1	29.3	43	+2	26	+1	38	+5	0	8	—	0	0	1	—	
	WESTERN DESERT																										
148	SÎWA	1012.4	—	0	35.5	36	0	6	1013.0	+1.7	—	0	27.6	38	+1	20	0	46	-15	0	6	—	0	0	29	7	
149	BAHARÎYA	1010.4	NW	2	34.9	44	0	9	1012.6	—	NNW	2	24.5	35	—	19	—	83	—	0	9	—	0	0	26	—	
151	KHÂRGA	1007.8	NW	3	39.8	31	0	9	1008.4	-0.6	N	6	28.3	40	+1	25	+4	44	-2	0	9	—	0	0	0	dr	
152	DÂKHLA	1008.7	NW	2	38.2	15	0	8	1011.6	+1.5	WNW	1	28.5	39	0	25	+3	36	-1	0	8	—	0	0	dr	—	
	RED SEA																										
145	TÔR	1005.6	NW	6	37.2	66	0	5	1006.3	-0.5	NW	5	28.5	39	+5	26	+2	67	-7	0	5	—	0	0	14	14	X
146	HURGHÂDA																										
147	QUṢEIR	1006.6	N	3	34.1	49	0	6	1007.4	+0.4	N	4	30.8	36	+2	28	+1	40	-5	0	6	—	0	0	1	7	
169	PORT SUDAN								1005.8	-0.5	NE	1	—	—	—	—	—	—	—	2	—	—	0	0	43	121	
	NORTH SUDAN																										
165	WÂDI HALFA								1009.2	+0.4	N	5	30.4	42	+2	27	+4	39	+9	1	7	Ci	0	—	—	—	
166	KAREIMA								1006.1	-2.4	NNE	4	34.5	45	+4	28	+2	34	-7	2	8	Ci	0	0	8	25	
167	'AṬBARA								1006.2	-2.0	SW	4	34.0	41	+1	29	+4	31	-9	0	—	—	0	0	76	62	
168	KHARṬÛM								1008.5	-0.9	SSW	4	30.0	39	+2	23	-2	59	-8	2	8	Ci, Ac	0	dr	112	112	
170	KASSALA								1008.7	-2.9	SSE	3	26.6	35	+1	23	+1	63	-6	0	8	Ac	0	0	194	237	
	CENTRAL SUDAN																										
171	WAD MEDANI								1008.6	-2.1	SSW	3	27.6	35	0	23	+2	56	-13	2	—	—	0	0	410	285	
173	DUEIM								1009.8	-1.2	S	3	28.4	35	+1	25	+3	69	-3	0	—	—	0	0	297	219	
	RENK																										
172	ROṢEIRES								1010.6	-1.2	WSW	2	23.7	33	+1	20	-1	84	+3	2	—	—	1	4	751	559	
174	EL OBEID								1010.5	-1.3	SSW	2	26.8	33	0	24	+3	69	-7	4	8	Cs	0	0	396	235	
175	EL FÂSHER								—	—	SW	1	26.0	35	+2	23	+3	73	+2	0	—	—	0	0	201	246	
	S. SUDAN																										
176	MALAKÂL								1011.2	-1.4	N	1	26.1	32	+1	24	+3	—	—	4	8	Sc	8	dr	620	673	
177	WÂU								1011.5	+0.1	SW	1	24.4	34	+2	21	+1	84	0	1	—	—	1	2	773	891	
178	JÛBA								1013.5	+0.8	SSE	2	24.1	35	+3	20	0	83	-4	0	8	Sc	5	4	835	754	
179 180	Geneina Gallabat								—	—	SW	3	23.2	31	-1	21	+1	91	+4	4	6	Fb	0	0	—	—	X

Upper Wind Observations on 22nd — ارصاد الرياح العليا يوم ٢٢

(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.00m. Dir.	Kms.	Helwan 09h.00m. Dir.	Kms.	Asyut 07h.30m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 06h.00m. Dir.	Kms.	Kareima 06h.30m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Kassala 06h.00m. Dir.	Kms.	Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Almaza 21st 11h.30m. Dir.	Kms.
200	320	15	320	21	310	22	350	21	0	14	—	—	—	—	20	18	—	—	—	—	—	—	—	—	—	—	—	—	350	22
[illegible]	—	—	320	17	330	35	0	23	350	15	0	45	350	1	30	35	50	31	210	31	—	—	—	—	250	8	—	—	350	17
[illegible]	0	23	Ent Cu		340	35			10	51	340	57	20	14	10	47	60	34	230	34	210	34	200	42	190	8	280	31	10	12
[illegible]	340	30			340	42			350	39			310	17	330	37	60	47	270	8	240	14	160	26	80	18	340	8	30	28
[illegible]									20	33			260	34	300	34	70	21	270	11	20	18	110	21	170	40	80	10	350	20
3000																					30	19	60	43	160	13				
4000																														
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 21st	Diff. from normal	Wet bulb temp. °C on 21st	Diff. from normal
Alexandria	71	+1	23.1	+0.8
Ezbekîya	65	+2	23.0	+0.1
Gîza	66	+1	22.3	-0.1
Helwân	50	-2	20.2	+0.1

Gîza Grass minimum on 22nd 13.2°C

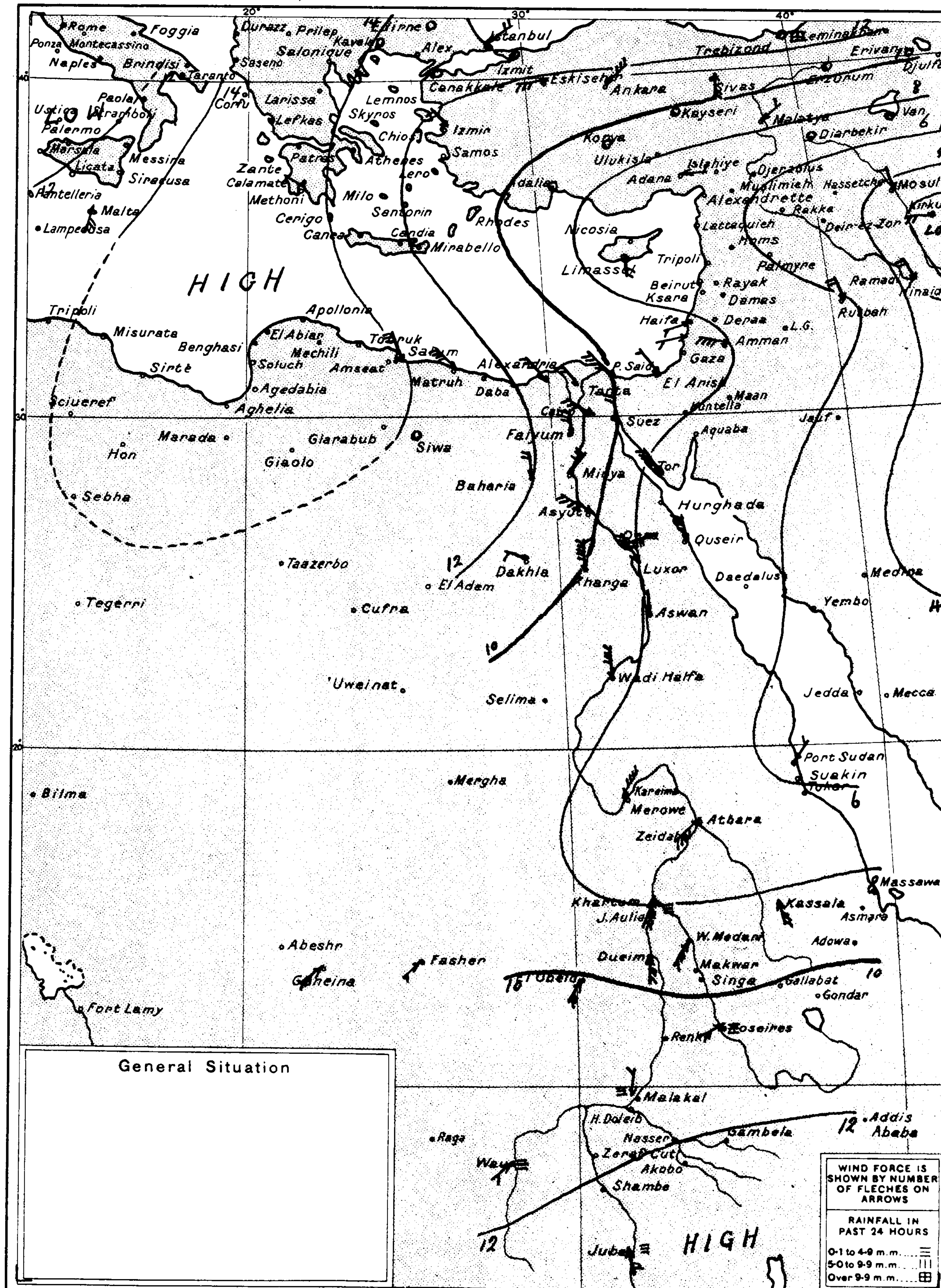
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
22.8	9373	8536
21.8	9205	8377

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	22.8	13.96	+0.20	13.98	+0.22
Nâṣṣer	21.8	10.08	+0.21	10.06	+0.21
Malakâl	22.8	12.04	+0.19	12.04	+0.20
Roṣeires	22.8	21.00	+1.72	21.03	+1.75
Sennâr Res.	20.8	17.25	—	17.17	—
Kharṭûm	22.8	16.02	+0.48	15.98	+0.48
Kh. el Girba	21.8	14.85	+0.55	15.06	+0.75
'Aṭbara	22.8	15.58	+0.63	15.58	+0.66
Kajnarti	22.8	142.57	+1.35	142.68	+1.58
Wâdi Ḥalfa	22.8	8.16	+0.78	8.25	+0.92
Aswân Res.	22.8	97.59	—	97.50	—
,, D. S.	22.8	97.52	+0.84	97.45	+0.85
El Leisi	22.8	23.02	+1.07	22.77	+0.94
Rôda (Cairo)	22.8	18.95	+0.95	18.68	+0.79

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

Pressure and Wind at 8 h. 22.8.1937.



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 21.8.1937. — الساعة ٨ يوم ١٩٣٧/٨/٢١

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
Limassol	1009	+1	E	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.2	+3.2	WNW	1	26.9	27	-4	23	+1	80	+12	2.	—	—	—	0	365	648	حيفا
Gaza	1010.6	+2.5	—	0	26.0	35	+5	20	0	73	+2	0	9	—	0	0	395	376	غزه

Remarks

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

CAIRO

Time of sunrise 05 29

sunset 18 28

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *August* 1937 ١٩٣٧ شهر اغسطس ١٩٣٧/٨/٢٢ Pressure and Wind at 8 h. *23.8.1937.*

1417 F.C.

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
	MEDITERRANEAN							
	SALÛM	1014.3	N	4	29.1	55	0	8
	MATRÛH	1012.8	NW	4	28.0	72	0	6
	DIKHEILA	1011.7	NNW	5	28.2	73	0	—
132	ALEXANDRIA	1011.2	NW	5	30.1	64	0	9
159	DAMIETTA							
134	PORT SAÏD	1010.6	NW	4	32.1	43	1	8
135	EL 'ARÎSH	1009.3	NNW	2	29.0	84	0	7
	LOWER EGYPT							
136	DAMANHÛR							
137	MANSÛRA							
	TANTA	1011.6	NW	5	32.0	43	0	7
	ZAGÂZÎG	1009.9	WNW	2	32.4	40	0	8
	MIDDLE EGYPT CAIRO							
	ALMÂZA	1009.4	NNW	4	32.9	49	2	8
	EZBEKÎYA	1009.8	NNW	1	33.0	45	0	8
	GÎZA	1009.8	NNW	3	32.6	39	1	7
143	HELWÂN	1009.3	NNW	6	31.4	37	0	7
144	SUEZ	1009.9	NW	3	33.5	35	0	6
	UPPER EGYPT							
153	FAIYÛM	1009.5	N	5	33.2	34	0	7
154	MINYA	1009.6	N	4	33.0	36	0	7
155	ASYÛT	1008.0	NNW	5	32.6	31	0	8
156	QENA	1005.5	SW	3	38.3	20	0	8
157	LUXOR	1005.9	NNW	4	38.3	30	0	8
158	ASWÂN	1005.6	NNE	4	38.2	20	0	8
	WESTERN DESERT							
148	SÎWA	1012.0	NNW	3	36.8	19	0	6
149	BAHARÎYA	1011.0	NNW	3	34.6	42	0	9
151	KHÂRGA	1008.3	N	4	35.6	28	0	9
152	DÂKHLA	1009.9	NNW	3	34.8	18	0	7
	RED SEA							
145	TÛR	1005.3	NNW	6	30.1	79	7	3
146	HURGHÂDA							
147	QUSEIR	1007.0	N	3	32.6	47	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							
	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
	S. SUDAN							
176	MALAKÂL							
177	WÂU							
178	JÛBA							
179	Geneina							
180	Gallabat							

At 8h. on Monday 23rd — الساعة ٨ يوم الاثنين 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	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																		
	SALÛM	1012.4	+0.7	NW	2	24.5	30	—	21	—	80	—	0	6	—	0	0	105	—
	MATRÛH	1010.4	-0.8	WNW	4	26.0	28	0	22	+1	76	-2	1	6	Cu	1	0	182	158
	DIKHEILA	1009.5	—	WNW	5	27.0	29	—	25	—	80	—	0	8	—	0	0	145	—
132	ALEXANDRIA	1008.8	-2.4	NW	4	26.3	31	0	25	+2	80	+9	0	9	—	0	0	167	190
159	DAMIETTA	1008.3	—	WSW	2	27.9	32	—	21	—	67	—	1	8	Cu	1	0	75	116
134	PORT SAÏD	1008.4	-0.7	SW	4	26.8	32	+1	24	+1	75	+3	1	7	Cc	1	0	38	82
135	EL 'ARÎSH	1008.0	—	WSW	2	28.0	31	—	24	—	82	—	0	7	—	0	0	85	91
	LOWER EGYPT																		
136	DAMANHÛR	1009.4	-1.0	WNW	2	28.6	31	-2	21	+2	72	-1	0	7	Cu	0	0	78	110
137	MANSÛRA	1008.0	—	W	2	25.8	33	-2	20	-1	76	-2	0	8	—	0	0	45	57
	TANTA	1009.4	-1.7	NW	2	26.0	33	-2	19	-1	84	+9	0	7	—	0	0	54	48
	ZAGÂZÎG	1009.0	—	NNW	1	26.3	32	-3	19	0	75	-5	0	8	Ci	1	0	20	28
	MIDDLE EGYPT CAIRO																		
	ALMÂZA	1010.0	—	W	2	25.3	33	—	20	—	81	—	1	7	Sc	1	0	23	—
	EZBEKÎYA	1009.3	-1.1	WSW	2	26.8	34	0	22	+1	84	+8	0	6	Sc	1	0	18	34
	GÎZA	1009.5	-1.1	NW	2	25.4	33	-1	19	0	83	+4	2	6	Cu	0	0	16	31
143	HELWÂN	1009.3	-1.2	NW	2	23.8	32	-2	20	-1	84	+17	1	5	Cu	0	0	17	35
144	SUEZ	1009.4	-0.4	N	1	26.2	34	-2	24	+1	69	-7	1	7	—	1	0	13	26
	UPPER EGYPT																		
153	FAIYÛM	1009.8	-1.1	N	3	25.4	34	-2	21	0	80	+10	1	7	Cu	0	0	6	11
154	MINYA	—	—	NNE	3	25.3	34	-1	20	-1	63	-7	1	8	Cu	1	0	16	—
155	ASYÛT	1009.0	-0.4	NNW	4	25.2	35	-1	22	-1	64	+6	0	7	—	0	0	dr	5
156	QENA	1006.8	-1.0	WSW	5	27.2	40	+1	24	+1	53	+6	0	7	—	0	0	dr	—
157	LUXOR	1006.4	—	—	0	31.9	39	—	22	—	47	—	0	8	—	0	0	dr	—
158	ASWÂN	1006.0	-2.0	N	3	29.0	40	-1	24	-1	40	+6	0	8	—	0	0	1	—
	WESTERN DESERT																		
148	SÎWA	1012.0	+0.6	—	0	26.0	38	+1	22	+2	70	+9	0	6	—	0	0	29	7
149	BAHARÎYA	1011.6	—	NNE	1	23.0	35	—	18	—	89	—	0	9	—	0	0	26	—
151	KHÂRGA	1008.8	-0.3	N	3	28.0	36	-3	22	0	47	+1	0	9	—	0	0	0	dr
152	DÂKHLA	1010.7	+0.5	NNE	1	28.5	36	-3	23	+1	33	-4	0	8	—	0	0	dr	—
	RED SEA																		
145	TÛR	1005.6	-1.2	NW	5	28.0	33	-1	26	+2	76	+2	0	5	—	0	0	14	14
146	HURGHÂDA	1006.8	-0.4	NNW	5	28.5	34	-1	24	-1	65	+15	0	6	—	0	0	dr	1
147	QUSEIR	1006.3	-0.8	N	4	29.1	34	0	27	0	45	0	0	6	—	0	0	1	7
169	PORT SUDAN	1004.3	-2.0	NN	3	—	—	—	—	—	—	—	0	—	—	0	0	43	121
	NORTH SUDAN																		
165	WÂDI HALFA	1009.1	+0.3	NNW	3	26.9	33	-2	24	+1	43	+12	0	7	Cs	0	—	—	—
166	KAREIMA	1007.5	-1.0	SSW	2	30.2	45	+4	28	+2	59	+18	2	8	Cs,Ac	0	0	8	26
167	'ATBARA	1007.6	-0.6	SW	3	30.0	43	+3	25	0	46	+6	2	—	—	0	0	76	64
168	KHARTÛM	1007.7	-1.7	W	3	25.2	37	0	22	-3	84	+18	4	8	Ac	8	2	114	114
170	KASSALA	1007.6	-4.0	SE	2	27.0	36	+2	21	-1	63	-6	0	8	—	0	dr	194	240
	CENTRAL SUDAN																		
171	WAD MEDANI	1008.2	-2.5	S	1	24.0	36	+1	21	0	82	+13	3	—	—	1	11	421	289
173	DUEIM																		
	RENK																		
172	ROSEIRES	1010.3	-1.5	WSW	2	24.2	33	+1	21	0	86	+5	2	—	—	8	1	752	566
174	EL OBEID	1012.3	+0.5	NW	2	20.9	33	0	20	-1	100	+25	5	6	Fr	9	21	417	238
175	EL FÂSHER	—	—	W	1	23.0	35	+2	20	0	78	+8	0	—	—	0	0	201	251
	S. SUDAN																		
176	MALAKÂL	1010.3	-2.3	N	2	25.7	33	+2	23	+2	84	+1	4	8	As	1	0	620	679
177	WÂU	1011.1	-0.3	W	1	22.5	33	+1	20	0	87	+3	1	—	—	0	10	783	898
178	JÛBA	1011.6	-1.1	SE	3	24.7	35	+3	20	0	76	-11	0	8	Sc	5	dr	835	757
179	Geneina	—	—	NE	2	19.9	32	—	18	—	91	—	4	8	Ci,As	2	7	—	—
180	Gallabat																		

Upper Wind Observations on 23rd — ارصاد الرياح العليا يوم ٢٢

Height above M.S.L. metres	Salum 07 h. 00 m. Dir. E of N.	Kms. per hour	Maltuk 07 h. 00 m. Dir. E of N.	Kms. per hour	Dikheila 07 h. 00 m. Dir. E of N.	Kms. per hour	Cairo 08 h. 30 m. Dir. E of N.	Kms. per hour	Helwan 09 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
200	320	6	300	30	300	37	310	16	310	25	—	—	—	—
500	—	—	300	30	310	39	340	19	350	14	0	51	0	40
1000	350	23	0	30	330	39	350	25	340	35			20	24
1500			340	48	330	41	330	33	340	30			210	10
2000			350	45									170	10
3000														
4000														
5000														
6000														

Height above M.S.L. metres	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	Khartum 04 h. 00 m. Dir. E of N.	Kms. per hour	Kassala 07 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	Salum 13 h. 00 m. Dir. E of N.	Kms. per hour	Almaza 12 h. 30 m. Dir. E of N.	Kms. per hour
200	350	16	—	—	—	—	—	—	—	—	—	—	0	24	320	6
500	170	37	29	140	29	—	—	—	270	11	—	—	—	—	340	26
1000	180	35	11	120	31	170	26	210	13	320	21	320	29	340	32	
1500	340	34	50	18	140	37	240	8	200	6	130	13	270	7	340	29
2000	340	37	80	16	180	14	280	8	190	6	150	21	320	18	0	25
3000							60	21								
4000							70	34								
5000							60	51								
6000																

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

تغيرات الطقس المنظرة فى ٢٤ ساعة من ظهر

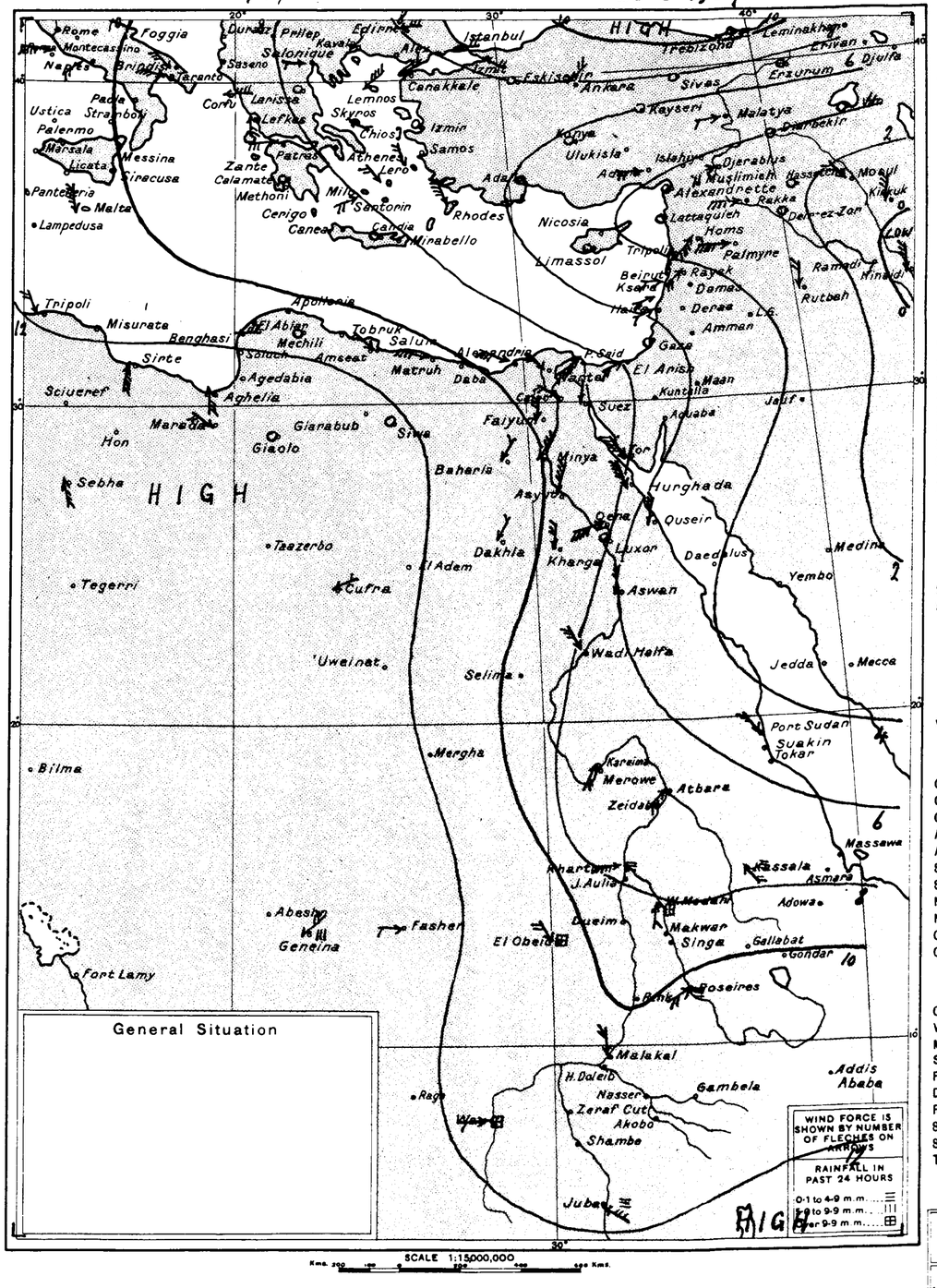
STATION	Mean of day HUMIDITY % on 22nd	Diff. from normal	WET BULB TEMP. °C on 22nd	Diff. from normal
Alexandria	74	+4	23.9	+1.6
Ezbekiya	68	+5	23.8	+0.9
Gîza	70	+5	22.4	0.0
Helwân	61	+9	21.1	+1.0

Gîza Grass minimum on 23rd 13.1 °C

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

DATE	1937	1936
23-8	9205	8499
22-8	8373	6536

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23-8	13.86	+0.10	13.96	+0.20
Nâsser	22-8	10.09	+0.20	10.28	+0.21
Malakâl	23-8	12.04	+0.19	12.04	+0.19
Roseires	23-8	20.90	+1.62	21.00	+1.72
Sennâr Res.	20-8	17.25	—	17.17	—
Khartûm	23-8	16.05	+0.47	16.02	+0.48
Kh. el Girba	22-8	15.40	+1.16	14.85	+0.55
'Atbara	22-8	15.58	+0.63	15.58	+0.66
Kajnarti	23-8	142.49	+1.26	142.57	+1.35
Wâdi Halfa	23-8	8.12	+0.68	8.16	+0.78
Aswân Res.	23-8	97.50	—	97.59	—
,, D. S.	23-8	142.47	+0.72	142.57	+0.84
El Leisi	23-8	23.15	+1.13	23.02	+1.07
Rôda (Cairo)	23-8	19.06	+0.95	18.95	+0.95



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 22.8.37. ١٩٣٧/٨/٢٢ 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	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.	محطة
Limassol	1008	-1	S	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1009.6	+2.5	WSW	1	29.3	30	-1	25	+3	92	+24	0	—	—	—	0	365	648	حيفا
Gaza	1010.2	+2.1	—	0	26.8	34	+4	21	+1	72	+1	1	9	—	0	0	395	376	غزه
Hurghada	1007.8	+0.6	NNW	5	29.0	36	+1	24	-1	65	+15	0	5	—	0	0	dr	1	الغردقه

ANNUAL SUBSCRIPTION

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

Abroad ..... P.T. 150

Remarks

* Jaba River Gauge Reading for 26.7.1937 published on 26–29.7.1937 should read 13.88 instead of 13.80 m.

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

CAIRO
Time of sunrise 05 h. 27 m.
sunset 18 h. 27 m.

Month August 1937 ١٩٣٧ اغسطس شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧/٨/٢٤

1417 F.C.

At 14h. on 23rd — الساعة ١٤ يوم ٢٣ | At 8h. on Tuesday 24th — الساعة ٨ يوم الثلاثاء 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. 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.
[illegible]	**Mediterranean** SALÛM	1011.6	NNE	3	28.8	65	0	7	1010.4	-1.4	W	3	26.8	30	—	23	—	24	—	0	7	—	0	0	105	—
[illegible]	MATRÛH	1009.9	NW	4	27.7	74	0	6	1009.5	-1.8	SSW	2	28.6	28	0	23	+2	46	-32	0	6	—	0	0	182	158
[illegible]	DIKHEILA	1008.8	WNW	5	28.4	69	0	8	1010.3	—	WSW	3	25.2	29	—	22	—	88	—	1	—	St	0	0	145	—
[illegible]	ALEXANDRIA	1008.6	NW	5	30.1	65	1	8	1009.6	-1.7	SW	2	25.3	31	0	23	0	92	+21	8	2	As	4	0	167	190
159	DAMIETTA								1009.0	—	SW	1	27.8	32	—	21	—	73	—	0	7	—	1	0	75	116
134	PORT SAÏD	1008.0	NW	3	31.8	54	0	8	1009.6	+0.4	SW	2	26.4	33	+2	25	+2	82	+11	2	8	Ce	1	0	38	82
135	EL 'ARÎSH	1007.1	NNW	3	30.0	71	0	7	1009.0	—	WSW	1	29.0	31	—	23	—	74	—	1	7	Cu	0	0	85	91
136	**Lower Egypt** DAMANHÛR								1009.9	-0.6	—	0	23.9	31	-2	20	+1	93	+20	8	2	—	4	0	78	110
137	MANSÛRA								1009.1	—	W	1	25.5	34	-1	20	-1	82	+4	0	8	—	0	0	45	57
[illegible]	TANTA	1007.8	—	0	32.0	58	0	7	1009.5	-1.7	—	0	26.4	32	-3	18	-2	85	+10	0	7	—	0	0	54	48
	ZAGÂZÎG	1007.4	WNW	1	32.8	46	0	8	1010.0	—	WNW	1	26.4	33	-2	19	0	80	0	0	8	Ci	1	0	20	28
[illegible]	**Middle Egypt** Cairo: ALMÂZA	1008.7	NW	3	32.7	46	1	8	1010.2	—	NW	2	25.0	33	—	19	—	81	—	2	7	Sc	1	0	23	—
[illegible]	Cairo: EZBEKÎYA	1007.2	NW	1	33.7	45	0	8	1009.8	-0.7	NW	1	26.0	34	0	22	+1	86	+10	2	5	Sc	1	0	18	34
[illegible]	Cairo: GÎZA	1007.2	N	3	33.4	41	0	7	1009.8	-0.9	NNW	1	24.6	34	0	20	+1	86	+7	1	5	Sc	0	0	16	31
[illegible]	HELWÂN	1006.8	NW	5	32.4	31	0	6	1009.6	-1.0	—	0	24.1	33	-1	21	0	85	+17	1	5	Cu	0	0	17	35
144	SUEZ	1007.6	NNE	1	33.6	38	0	6	1009.5	-0.3	N	1	26.2	35	-1	24	+1	76	0	1	7	—	1	0	13	26
153	**Upper Egypt** FAIYÛM	1007.4	NNW	2	33.7	29	0	8	1010.0	-1.0	N	1	25.2	35	-1	20	-1	81	+11	3	6	Cu	0	0	6	11
154	MINYA	1007.9	N	3	32.7	38	0	7	1010.0	+0.1	NNW	2	25.5	34	-1	21	0	63	-7	0	9	—	0	0	16	—
155	ASYÛT	1007.1	NNW	4	33.2	24	0	8	1009.5	0.0	WSW	2	26.0	34	-2	21	-2	69	+10	0	7	—	0	0	dr	5
156	QENA	1004.7	SW	1	38.0	30	0	8	1007.9	0.0	WSW	2	29.9	40	+1	24	+1	41	-6	0	8	—	0	0	dr	—
157	LUXOR	1004.4	NNW	1	38.3	26	0	8	1007.6	—	—	0	32.0	40	—	22	—	42	—	0	8	—	0	0	dr	—
158	ASWÂN	1003.2	N	2	37.8	21	0	8	1007.4	-0.7	N	2	29.8	41	0	24	-1	36	+2	0	8	—	0	0	1	—
148	**Western Desert** SÎWA	1010.0	W	1	36.7	25	0	6	1010.4	-1.1	—	0	29.4	40	+3	21	+1	56	-5	0	6	—	0	1	29	7
149	BAHARÎYA	1009.1	NNW	4	33.7	34	0	9	1010.3	—	—	0	28.0	35	—	18	—	51	—	0	9	—	0	0	26	—
151	KHÂRGA	1007.0	N	4	36.0	26	0	9	1008.7	-0.5	N	4	28.0	36	-3	21	0	55	+9	0	9	—	0	0	0	dr
152	DÂKHLA	1008.3	NNW	4	34.5	27	0	7	1011.1	+0.8	NNW	1	27.0	36	-3	22	0	42	+6	0	8	—	0	0	dr	—
145	**Red Sea** TÔR	1005.6	NW	6	30.8	77	0	4	1005.8	-1.1	NW	4	28.2	33	-1	26	+2	87	+13	0	5	—	0	0	14	14
146	HURGHÂDA								1008.0	+0.7	N	5	29.4	34	-1	24	-1	61	+11	0	6	—	0	0	dr	1
147	QUSEIR	1005.8	N	4	31.8	54	0	6	1007.6	+0.4	NNW	4	30.1	33	-1	26	-1	53	+8	0	6	—	0	0	1	7
169	PORT SUDAN								1005.4	-1.0	NE	1	—	—	—	—	—	—	—	1	—	—	0	0	43	121
165	**North Sudan** WÂDI HALFA								1009.6	+0.7	NNE	2	26.6	37	-3	23	0	36	+5	0	8	Cs	0	—	—	—
168	KAREIMA								1007.3	-1.2	N	4	32.0	41	0	25	-1	33	-7	3	8	Ci	1	0	8	26
167	'ATBARA								1008.0	-0.2	SW	1	31.0	40	0	26	+1	40	0	0	—	—	0	0	76	65
168	KHARTÛM								1008.8	-0.6	S	3	27.8	33	-4	24	-1	70	+4	2	8	Cs	0	0	114	116
170	KASSALA								1009.4	-2.2	SSE	4	26.7	35	+1	23	+1	77	+8	2	8	Cu	0	dr	194	244
171	**Central Sudan** WAD MEDANI								1010.7	+0.1	S	2	25.2	32	-3	22	+1	84	+15	2	—	—	0	0	421	294
173	DUEIM								1011.5	+0.5	SE	3	26.4	31	-4	24	+2	82	+10	1	—	—	0	0	309	226
	RENK																									
172	ROSEIRES								1011.2	-0.6	SW	2	22.9	29	-3	20	-1	89	+8	5	—	—	8	dr	752	573
174	EL OBEID								1010.8	-1.0	SW	2	25.4	31	-2	22	+1	73	-2	1	8	Ci Ac	0	1	418	242
175	EL FÂSHER								—	—	SW	2	25.5	33	0	22	+1	84	+1	2	8	Ac	1	0	620	685
176	**S. Sudan** MALAKÂL								1010.2	-2.4	N	1	26.3	31	0	22	+1	84	+1	2	8	Ac	1	0	620	685
177	WÂU								1010.3	-1.1	NE	1	26.4	34	+2	22	+2	77	-7	1	—	—	0	0	783	905
178	JÛBA								1012.4	-0.3	SE	3	24.0	35	+3	20	0	83	-4	3	8	Sc	5	dr	835	760
179	Geneina								—	—	SW	3	20.6	31	—	19	—	91	—	2	8	Sc	0	dr	—	—
180	Gallabat																									

Upper Wind Observations on 24th — ارصاد الرياح العليا يوم ٢٤

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

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms.	Matruh 07h.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 06h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Kassala 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Geneina 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Salum 23 13h.00m. Dir.	Kms.	Almaza 23rd 11h.30m. Dir.	Kms.
200	250	18	270	5	10	8	340	12	—	—	—	—	10	13	—	—	—	—	—	—	—	—	—	—	—	—	50	20	320	24
500	—	—	260	11	20	25	20	19	10	39	0	44	10	37	0	47	210	31	—	—	20	8	—	—	—	—	—	—	330	32
[illegible]	300	17	300	24	10	29	10	25	10	45	10	31	350	50	0	24	250	47	210	47	230	2	280	11	280	45	300	18	300	25
[illegible]			290	25	10	31	10	44	10	39	290	15	350	21	290	18	290	16	200	21			340	26	270	37	310	24	320	26
[illegible]			300	29	10	50	10	48			250	19	330	6	290	23	10	14	250	3			0	24	220	19				
3000											220	17	150	5	140	10			20	24			50	53	180	34				
4000											230	30	180	10	140	29			70	24										
5000																														
6000																														

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day: Humidity % on 23rd	Diff. from normal	Wet bulb temp. °C on 23rd	Diff. from normal
Alexandria	76	+6	24.1	+1.8
Ezbekiya	73	+10	24.6	+1.8
Gîza	75	+10	23.3	+1.0
Helwân	67	+15	21.6	+1.5

Gîza Grass minimum on 24th 15.9 °C

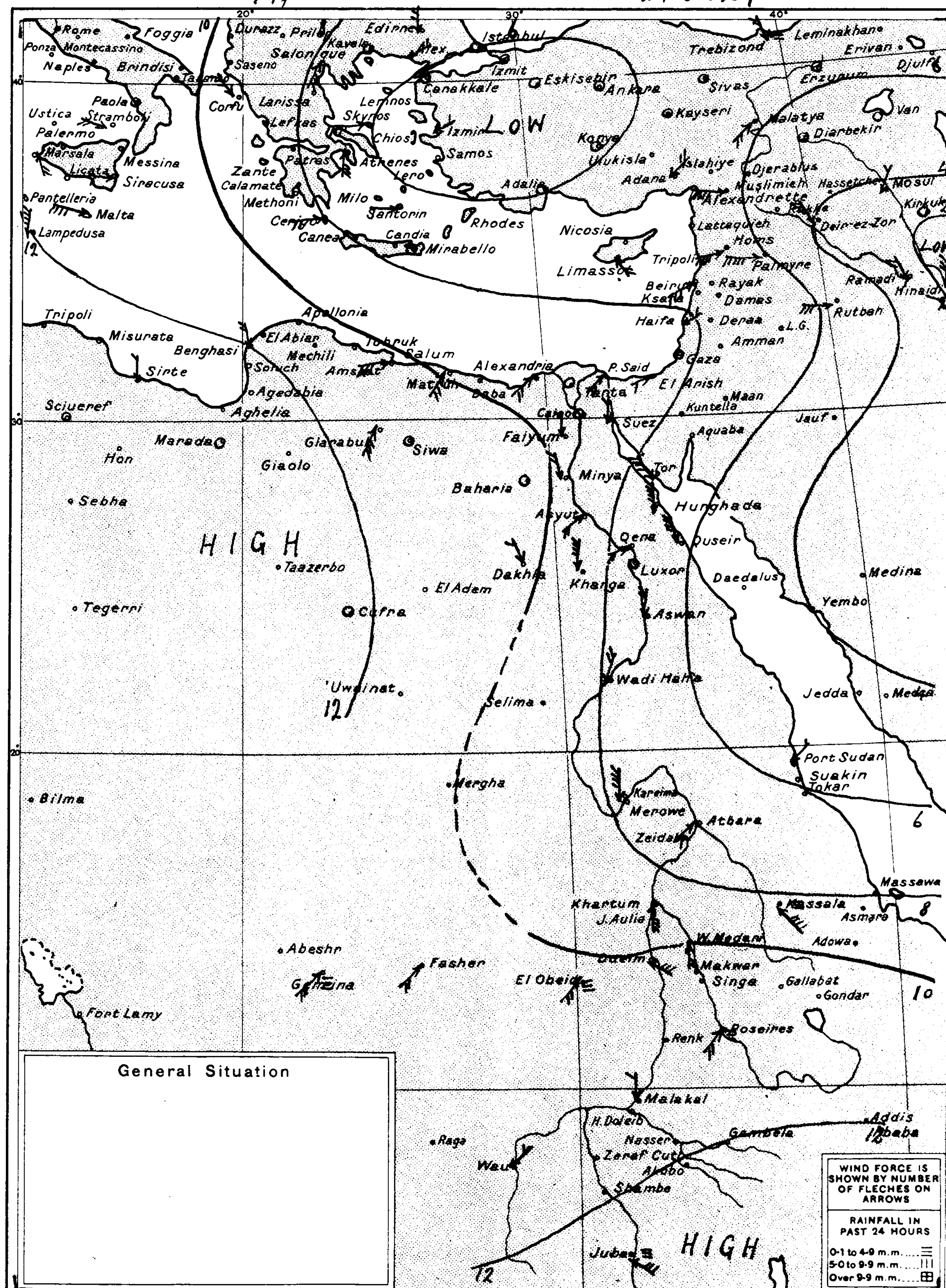
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
24-8	9112	8409
23-8	9205	8499

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-8	13.90	+0.13	13.86	+0.10
Nâsser	23-8	10.10	+0.19	10.09	+0.20
Malakâl	24-8	12.04	+0.17	12.04	+0.19
Roseires	24-8	20.34	+1.08	20.90	+1.62
Sennâr Res.	22-8	17.16	—	17.25	—
Khartûm	24-8	16.12	+0.51	16.05	+0.47
Kh. el Girba	23-8	14.80	+0.51	15.40	+1.10
'Atbara	24-8	15.72	+0.68	15.76	+0.78
Kajnarti	24-8	142.66	+1.39	142.49	+1.26
Wâdi Halfa	24-8	8.21	+0.73	8.12	+0.68
Aswân Res.	24-8	97.45	—	97.50	—
,, D. S.	24-8	92.41	+0.61	92.47	+0.72
El Leisi	24-8	23.24	+1.12	23.15	+1.13
Rôda (Cairo)	24-8	19.19	+1.05	19.06	+0.95

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

Pressure and Wind at 8 h. 24.8.1937.



General Situation

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
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
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 23.8.1937. — الساعة ٨ يوم ١٩٣٧/٨/٢٣

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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	محطة
Limassol	1005	-4	—	0	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.6	+0.3	WSW	1	27.9	29	-2	24	+2	83	+15	0	—	—	—	0	365	648	حيفا
Gaza	1008.0	-0.2	—	0	27.3	34	+4	21	+1	73	+2	2	5	—	1	0	395	376	غزة

Remarks

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

CAIRO

Time of sunrise 5 h 28 m

sunset 18 h 26 m

Month *August* 1937 ١٩٣٧ شهر أغسطس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT ١٩٣٧/٨/٢٥

At 14h. on 24th — الساعة ١٤ يوم ٢٤ | At 8h. on Wednesday 25th — الساعة ٨ يوم الأربعاء ٢٥

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.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
[redacted]	MEDITERRANEAN	[redacted]ÛM	1010.1	NNE	4	29.1	77	0	7	1013.5	+1.6	NNW	4	24.3	35	—	21	—	83	—	0	7	—	0	0	105	—
		[redacted]TRÛH	1009.3	NNW	2	30.0	57	0	6	1011.6	+0.2	W	2	26.1	35	+7	22	+1	75	-3	2	6	Cu	1	0	182	158
		DIKHEILA	1010.3	NNW	4	28.7	75	0	—	1011.9	—	NW	3	26.4	30	—	24	—	76	—	2	8	Sc	2	0	145	—
[redacted]		ALEXANDRIA	1007.9	N	2	31.3	58	0	7	1011.6	+0.2	N	2	25.8	33	+2	25	+2	76	+5	1	9	Cu	0	0	167	190 X
159		DAMIETTA								1010.7	—	NW	1	29.1	35	—	21	—	72	—	0	7	—	1	0	75	116
134		PORT SAÎD	1009.9	NW	2	31.2	53	0	8	1011.1	+1.8	NW	2	27.4	33	+2	24	+1	78	+7	1	8	Ci	1	0	38	82
135		EL ʿARÎSH	1008.7	NNW	3	30.0	75	0	7	1010.2	—	S	1	30.1	31	—	22	—	64	—	0	7	—	0	0	85	91
136	LOWER EGYPT	DAMANHÛR								1011.5	+0.9	W	1	28.0	36	+3	20	+1	77	+3	2	8	Ci	0	0	78	110
137		MANSÛRA								1010.8	—	NE	1	25.9	36	+1	22	+1	84	+6	0	8	—	0	0	45	57
[redacted]		[redacted]ANTA																									
		[redacted]GÂZÎG	1007.6	NNW	1	34.0	45	0	8	1011.2	—	NNW	1	27.8	35	0	21	+2	73	-7	0	8	—	0	0	20	28
	MIDDLE EGYPT — CAIRO	ALMÂZA	1009.4	NW	3	34.6	34	0	8	1011.2	—	NW	1	25.9	35	—	21	—	72	—	0	7	—	0	0	23	—
		EZBEKÎYA	1008.8	N	1	35.0	40	0	8	1010.4	-0.2	NW	1	27.6	36	+2	23	+2	75	-1	0	5	—	0	0	18	34
		GÎZA	1008.8	NNW	2	34.9	42	0	7	1010.6	-0.2	NNW	1	25.9	35	+1	20	+1	82	+3	0	5	—	0	0	16	31
143		HELWÂN	1008.2	NW	4	35.7	23	0	7	1010.6	-0.1	NNW	2	26.3	36	+2	22	+1	63	-5	6	4	—	0	0	17	35
144		SUEZ	1008.4	N	3	36.0	29	0	7	1010.3	+0.4	N	1	27.4	36	0	22	-1	53	-23	0	7	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1008.7	NNE	2	36.2	27	0	8	1010.4	-1.2	E	1	28.8	38	+2	21	0	61	-9	0	6	—	0	0	6	11
154		MINYA	1008.3	N	3	35.0	29	0	8	1009.9	-0.1	N	1	28.7	36	+1	22	+1	49	-22	0	8	—	0	0	16	—
155		ASYÛT	1007.5	NNW	3	35.0	24	0	8	1010.2	+0.6	SW	2	28.8	37	+2	22	-1	46	-13	0	7	—	0	0	dr	5
156		QENA	1006.0	NSW	2	38.5	25	0	8	1008.8	+0.8	NNW	1	31.0	40	+1	23	0	40	-8	0	8	—	0	0	dr	—
157		LUXOR	1006.0	—	0	39.3	25	0	8	1008.3	—	—	0	32.2	41	—	21	—	34	—	0	8	—	0	0	dr	—
158		ASWÂN	1005.1	N	1	38.5	22	0	8	1007.5	-0.7	N	2	29.7	40	-1	24	-1	32	-2	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1009.5	W	1	40.7	17	0	6	1011.8	+0.3	N	1	25.7	42	+5	20	0	60	-1	0	6	—	0	0	29	7
149		BAHARÎYA	1009.1	NNW	1	38.0	32	0	9	1010.6	—	NNW	1	27.5	39	—	21	—	50	—	0	9	—	0	0	26	—
151		KHÂRGA	1007.9	N	3	36.8	31	0	9	1009.8	+0.5	N	2	33.0	38	-1	24	+3	36	-10	0	9	—	0	0	0	dr
152		DÂKHLA	1009.3	NNE	3	36.5	20	0	7	1011.1	+0.8	—	0	28.0	38	-1	21	-1	36	-1	0	9	—	0	0	dr	—
145	RED SEA	TÔR	1003.5	NW	5	31.1	75	0	5	1008.2	+1.2	NW	2	30.2	32	-1	21	-3	61	-13	0	6	—	0	0	14	14
146		HURGHÂDA								1009.0	+1.6	NNW	2	32.1	33	-2	24	-1	43	-7	0	6	—	0	0	dr	1
147		QUṢEIR	1007.9	N	3	32.4	52	0	6	1008.4	+1.1	WNW	2	30.3	33	-1	26	-1	46	+1	0	6	—	0	0	1	7
169		PORT SUDAN								1006.3	-0.2	NE	1	—	—	—	—	—	—	—	3	—	—	0	0	43	121
165	NORTH SUDAN	WÂDI HALFA								1009.9	+0.9	N	2	26.6	38	-2	22	-1	40	+9	0	8	—	0	—	—	—
166		KAREIMA								1007.7	-0.9	N	3	32.7	41	+1	25	-1	16	-24	0	8	—	0	0	8	27
167		ʿATBARA								1007.9	-0.3	SW	3	32.0	40	0	27	+2	37	-3	0	—	—	0	0	76	67
168		KHARṬÛM								1008.3	-1.1	SSE	3	33.8	38	+1	26	+1	36	-36	2	8	Ac	0	0	114	118
170		KASSALA								1009.6	-2.0	SE	3	27.0	35	+1	20	-2	69	0	0	8	—	0	27	221	248
171	CENTRAL SUDAN	WAD MEDANI								1010.0	-0.6	S	2	27.0	34	-1	24	+3	76	+8	2	—	—	0	0	421	299
173		DUEIM								1009.5	-1.5	S	3	27.6	34	-1	24	+2	79	+7	1	—	—	0	0	309	230
182		RENK																									
172		ROṢEIRES								1010.4	-1.4	SSW	2	26.5	34	+2	22	+1	77	-4	0	—	—	0	dr	752	580
174		EL OBEID								1010.4	-1.4	SW	2	26.4	34	+1	22	+1	76	+1	2	8	Cs, Ac	0	0	418	246
175		EL FÂSHER								—	—	SW	1	25.0	37	+3	22	+2	72	+2	0	—	—	0	0	201	261
176	S. SUDAN	MALAKÂL								1010.2	-2.3	ENE	1	26.8	34	+3	24	+3	84	+1	4	8	Ac, Sc	1	0	620	691
177		WÂU								1012.0	+0.6	W	1	24.0	35	+3	22	+2	86	+2	4	—	—	0	0	783	913
178		JÛBA								1012.9	+0.2	SSE	3	24.0	36	+4	21	+1	83	-4	4	7	Cu, Sc	2	0	835	763
179		Geneina								—	—	E	3	21.2	32	—	18	—	91	—	2	8	F, N	0	0	—	—
180		Gallabat																									

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

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.	Dikheila 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 06h.00m. Dir.	Kms.	Khartum 06h.00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	Obeid 07h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Salum 24th 13h.00m. Dir.	Kms.	Almaza 24th 11h.30m. Dir.	Kms.
200	340	21	340	7	320	17	10	9	320	11	—	—	—	—	340	11	—	—	—	—	—	—	—	—	—	—	20	20	330	6
[redacted]	—	—	330	16	320	14	10	15	50	16	40	27	0	20	10	34	10	34	210	34	—	—	—	—	20	6	—	—	40	12
	340	30	Ent Cu		260	30	350	2	20	5	10	30	300	15	350	27	0	18	250	21	190	37	210	17	100	8	290	25	10	35
	300	48					290	26	290	17	0	45	240	20	270	13	350	8	320	19	160	3	20	8	80	8	290	37	10	46
2000	280	48							310	34	0	36	210	11	210	8	220	5	330	14	20	21	30	27	10	11			10	40
3000									350	23			240	22			30	11			30	37	60	34					0	43
4000																					80	23								
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 24th	Diff. from normal	Wet Bulb Temp. °C on 24th	Diff. from normal
Alexandria	76	+6	23.8	+1.6
Ezbekîya	71	+8	24.5	+1.7
Gîza	73	+8	23.9	+1.6
Helwân	63	+11	22.2	+2.2

Gîza Grass minimum on 25th 17.3°C

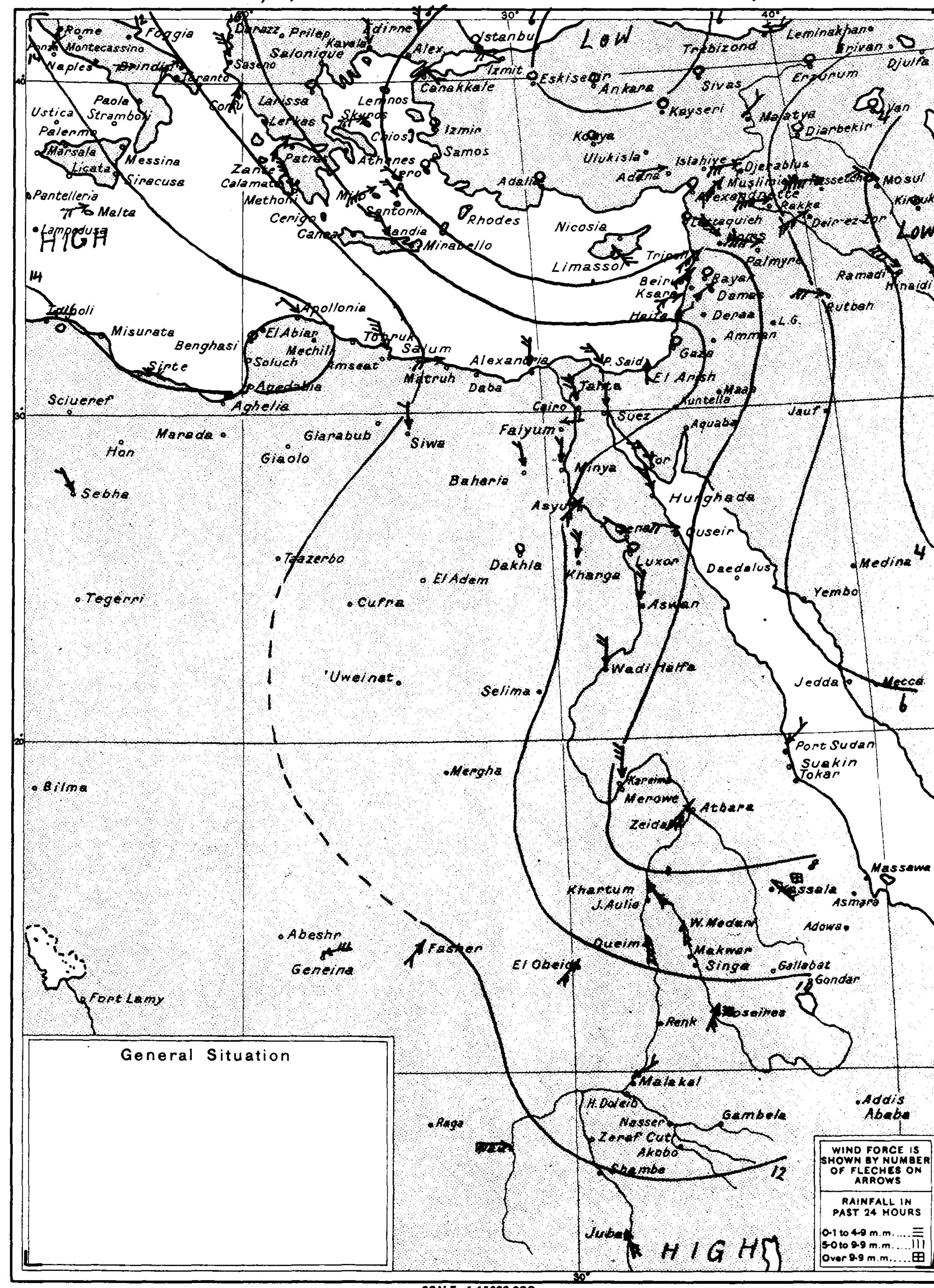
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
25.8	9224	8409
24.8	9812	8409

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24.8	13.90	+0.13	13.86	+0.10
Nâṣṣer	24.8	10.11	+0.18	10.10	+0.19
Malakâl	25.8	12.04	+0.16	12.04	+0.17
Roṣeires	25.8	19.52	+0.28	20.34	+1.08
Sennâr Res.	24.8	17.23	—	17.21	—
Kharṭûm	25.8	16.12	+0.49	16.12	+0.51
Kh. el Girba	24.8	14.60	+0.28	14.80	+0.51
ʿAtbara	24.8	15.72	+0.68	15.76	+0.78
Kajnarti	25.8	142.81	+1.48	142.66	+1.39
Wâdi Halfa	25.8	8.30	+0.77	8.21	+0.73
Aswân Res.	25.8	97.54	—	97.45	—
,, D. S.	25.8	92.45	+0.59	92.41	+0.61
El Leisi	25.8	23.36	+1.18	23.24	+1.12
Rôda (Cairo)	25.8	17.30	+1.08	17.19	+1.03

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

Pressure and Wind at 8 h. 25.8.1937.



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
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 24.8.1937. — الساعة ٨ يوم ١٩٣٧/٨/٢٤

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.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1007	-2	SE	2	28	—	—	—	—	—	—	0	—	—	—	0	—	—	ليماسول
Haifa	1009.1	+1.7	ENE	1	29.5	30	-1	25	+3	79	+11	0	—	—	—	0	365	648	حيفا
Gaza	1009.0	+0.7	—	0	26.4	35	+5	20	0	76	+5	0	9	—	0	0	395	376	غزة

Remarks

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

CAIRO

Time of sunrise h. m. 05 29
sunset h. m. 18 25

Month *August* 1937 ١٩٣٧ شهر اغسطس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on *25th* (الساعة ١٤ يوم ٢٥) — At 8h. on *Thursday 26th* (الساعة ٨ يوم الخميس ٢٦)

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	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	SALÛM	1013.6	NNE	4	27.5	81	0	7	1012.2	+0.2	NNW	3	25.0	28	—	21	—	83	—	3	7	Cu	1	0	105	—
	Mediterranean	MATRÛH	1011.8	NNW	4	28.0	69	2	6	1009.4	-2.1	NW	4	26.3	28	0	25	+4	73	-5	2	6	Cu	1	0	182	158
	Mediterranean	DIKHEILA																									
132	Mediterranean	ALEXANDRIA	1011.0	NW	3	29.4	64	2	9	1009.5	-2.1	N	2	26.2	31	0	25	+2	72	+1	2	9	Cu	2	0	167	190
159	Mediterranean	DAMIETTA								1008.6	—	WSW	2	27.9	33	—	22	—	72	—	1	8	Cu	1	0	75	116
134	Mediterranean	PORT SAÏD	1010.8	NE	2	31.2	60	0	8	1007.9	-1.5	SW	3	27.2	32	+1	25	+2	73	+2	2	8	Cu	1	0	38	82
135	Mediterranean	EL ʿARÎSH	1009.8	NNW	2	30.0	73	0	7	1008.0	—	WSW	1	28.9	31	—	25	—	73	—	1	7	Cu	0	0	85	91
136	Lower Egypt	DAMANHÛR								1009.8	-0.9	NNW	1	28.8	33	0	22	+3	62	-13	3	7	Cu	0	0	78	110
	Lower Egypt	MANSÛRA								1008.8	—	NW	1	25.8	36	+1	22	+2	78	0	1	7	Cs	1	0	45	57
	Lower Egypt	TANTA	1009.6	NW	2	34.0	44	0	7	1009.3	-2.1	N	1	26.8	35	0	18	-2	72	-3	2	7	Cu	1	0	54	48
	Lower Egypt	ZAGAZÎG	1009.6	NW	1	35.4	40	0	8	1009.3	—	WSW	1	26.9	35	+1	22	+3	78	-2	1	8	Ci	1	0	20	28
	Middle Egypt, Cairo	ALMÂZA	1009.0	NNW	3	35.1	39	0	8	1010.4	—	NW	2	25.9	36	—	20	—	75	—	4	7	St	2	0	23	—
	Middle Egypt, Cairo	EZBEKÎYA	1009.1	NNW	1	35.8	38	0	8	1009.6	-1.2	—	0	26.6	37	+3	23	+2	80	+4	3	5	Cu	1	0	18	34
	Middle Egypt, Cairo	GÎZA	1009.3	NW	1	35.7	38	0	8	1009.6	-1.3	NNW	2	25.7	36	+2	22	+3	81	+2	3	6	Sc	2	0	16	31
143	Middle Egypt	HELWÂN	1008.8	—	3	35.0	24	0	6	1009.8	-1.0	NNW	3	24.6	36	+2	22	+1	79	+11	3	6	Cu	2	0	17	35
144	Middle Egypt	SUEZ	1008.8	N	2	37.0	22	0	7	1009.5	-0.5	NW	2	26.2	38	+3	24	+1	76	0	1	7	—	1	0	13	26
153	Upper Egypt	FAIYÛM	1009.0	NNE	2	36.8	31	0	8	1010.0	-1.2	NNE	3	26.2	39	+3	22	+1	73	+3	3	6	Cu	1	0	6	11
154	Upper Egypt	MINYA	1008.8	NNW	3	37.0	25	0	7	1009.4	-0.7	N	3	25.6	38	+3	24	+3	75	+4	2	7	Cu	1	0	16	—
155	Upper Egypt	ASYÛT	1007.9	NNW	3	38.0	19	0	8	1008.7	-1.0	WSW	3	26.0	39	+4	23	0	75	+16	0	7	—	0	0	dr	5
156	Upper Egypt	QENA	1005.8	WNW	1	40.4	18	0	9	1006.4	-1.6	WNW	4	30.3	42	+3	25	+2	39	-9	0	7	—	0	0	dr	—
157	Upper Egypt	LUXOR	1005.9	NNE	2	41.2	21	0	8	1006.2	—	—	0	32.2	43	—	22	—	43	—	0	8	—	0	0	dr.	—
158	Upper Egypt	ASWÂN	1004.6	NNW	1	41.0	20	0	8	1006.0	-2.3	NNW	2	31.0	42	+1	25	0	37	+3	0	8	—	0	0	1	
148	Western Desert	SÎWA	1011.5	NW	1	37.0	37	0	6	1011.9	+0.3	—	0	27.1	39	+2	22	+2	83	+22	0	6	—	0	0	29	7
149	Western Desert	BAHARÎYA	1009.6	NNW	1	39.1	33	0	7	1011.1	—	NNE	1	25.0	40	—	22	—	84	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1007.4	NE	2	40.4	26	0	9	1008.0	-1.4	N	3	30.6	41	+2	27	+6	51	+4	0	9	—	0	0	0	dr
152	Western Desert	DÂKHLA	1008.2	NNW	3	39.6	19	0	8	1009.8	-0.6	NNW	2	30.6	42	+3	27	+5	32	-5	0	8	—	0	0	dr	—
145	Red Sea	TÔR	1005.5	NW	6	34.0	62	0	5	1004.8	-2.2	NW	6	28.5	35	+2	27	+3	85	+11	0	5	—	0	0	14	14
146	Red Sea	HURGHÂDA								1006.2	-1.2	NNW	4	31.2	35	0	25	0	60	+10	0	6	—	0	0	dr	1
147	Red Sea	QUSEIR	1007.5	NNE	2	34.0	50	0	6	1006.0	-1.4	NW	2	23.6	37	+3	28	+1	23	-22	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN								1003.9	-2.7	NW	2	—	—	—	—	—	—	—	2	—	—	0	0	43	121
165	North Sudan	WÂDI HALFA								1007.9	-1.2	N	1	27.9	41	+1	23	0	27	-4	0	7	—	0	0	—	—
166	North Sudan	KAREIMA								1006.3	-2.3	—	0	32.8	43	+3	25	-1	25	-15	0	8	—	0	0	8	28
167	North Sudan	ʿATBARA								1005.8	-2.4	NNW	3	32.6	43	+3	28	+3	34	-6	1	—	—	0	0	76	68
168	North Sudan	KHARTÛM								1007.3	-2.1	S	4	29.8	39	+2	23	-2	65	-1	2	8	Ac	0	0	114	121
170	North Sudan	KASSALA								1007.9	-3.7	S	4	25.8	35	+1	21	-1	69	0	1	8	Ac	0	0	221	252
171	Central Sudan	WAD MEDANI								1008.2	-2.4	S	2	27.0	36	+1	22	+1	60	-8	2	—	—	0	0	421	304
173	Central Sudan	DUEIM								1010.2	-0.8	S	2	26.2	35	0	23	+1	71	0	3	—	—	1	0	309	233
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1007.4	-3.4	WNW	2	25.7	35	+3	22	+1	73	-8	1	—		2	dr	752	587
174	Central Sudan	EL OBEID								1010.8	-1.0	SE	4	25.8	35	+2	23	+2	76	+1	4	8	Cu	6	dr	418	250
175	Central Sudan	EL FÂSHER								—	—	SW	1	24.0	38	+4	20	0	63	-7	0	—	—	0	0	201	266
176	S. Sudan	MALAKÂL								1011.2	-1.3	SE	3	24.1	34	+3	23	+2	91	+8	4	8	Nb	2	7	627	697
177	S. Sudan	WÂU								1010.4	-1.0	NW	1	25.0	32	0	23	+3	84	0	3	—	—	1	0	783	920
178	S. Sudan	JÛBA								1013.0	+0.3	SW	4	24.0	35	+3	20	0	83	-4	4	7	Cu	5	dr	835	766
179 / 180		*Geneina* / *Gallabat*								—	—	W	2	21.0	32	—	18	—	91	—	2	8	Nb	0	0	—	—

Upper Wind Observations on *26th* (ارصاد الرياح العليا يوم ٢٦)

Height metres above M.S.L.	*Wadi Halfa* 06h 00m Dir. E.of N.	Kms. per hour	*Kareima* 06h 00m Dir. E.of N.	Kms. per hour	*Khartum* 07h 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	*Malakal* 06h 00m Dir. E.of N.	Kms. per hour	*Juba* 06h 00m Dir. E.of N.	Kms. per hour	*Geneina* 06h 00m Dir. E.of N.	Kms. per hour	*Salum 25th* 13h 00m Dir. E.of N.	Kms. per hour	*Almaza 25th* 11h 45m Dir. E.of N.	Kms. per hour
[illegible]	[illegible]	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	20	340	8
[illegible]	[illegible]	37	10	37	220	40	—	—	—	—	210	10	—	—	—	—	—	—	340	9
[illegible]	[illegible]	40	350	18	220	37	220	21	180	31	180	18	270	42	250	19	300	30	300	8
1500	350	24	330	11	230	40	310	21	120	11	170	23	260	5	0	19	340	28	290	24
2000	270	18	330	11	280	39	340	18	80	21	130	16	110	10	110	21			330	27
3000	280	16			160	18	30	43	70	27	70	18	190	21					340	38
4000									50	31										
5000									50	29										
6000																				

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 25th	Diff. from normal	Wet Bulb Temp. °C on 25th	Diff. from normal
Alexandria	76	+6	23.6	+1.4
Ezbekiya	66	+3	24.5	+1.7
Gîza	72	+7	23.9	+0.6
Helwân	56	+4	21.8	+1.8

Gîza Grass minimum on *26th* 19.9°C

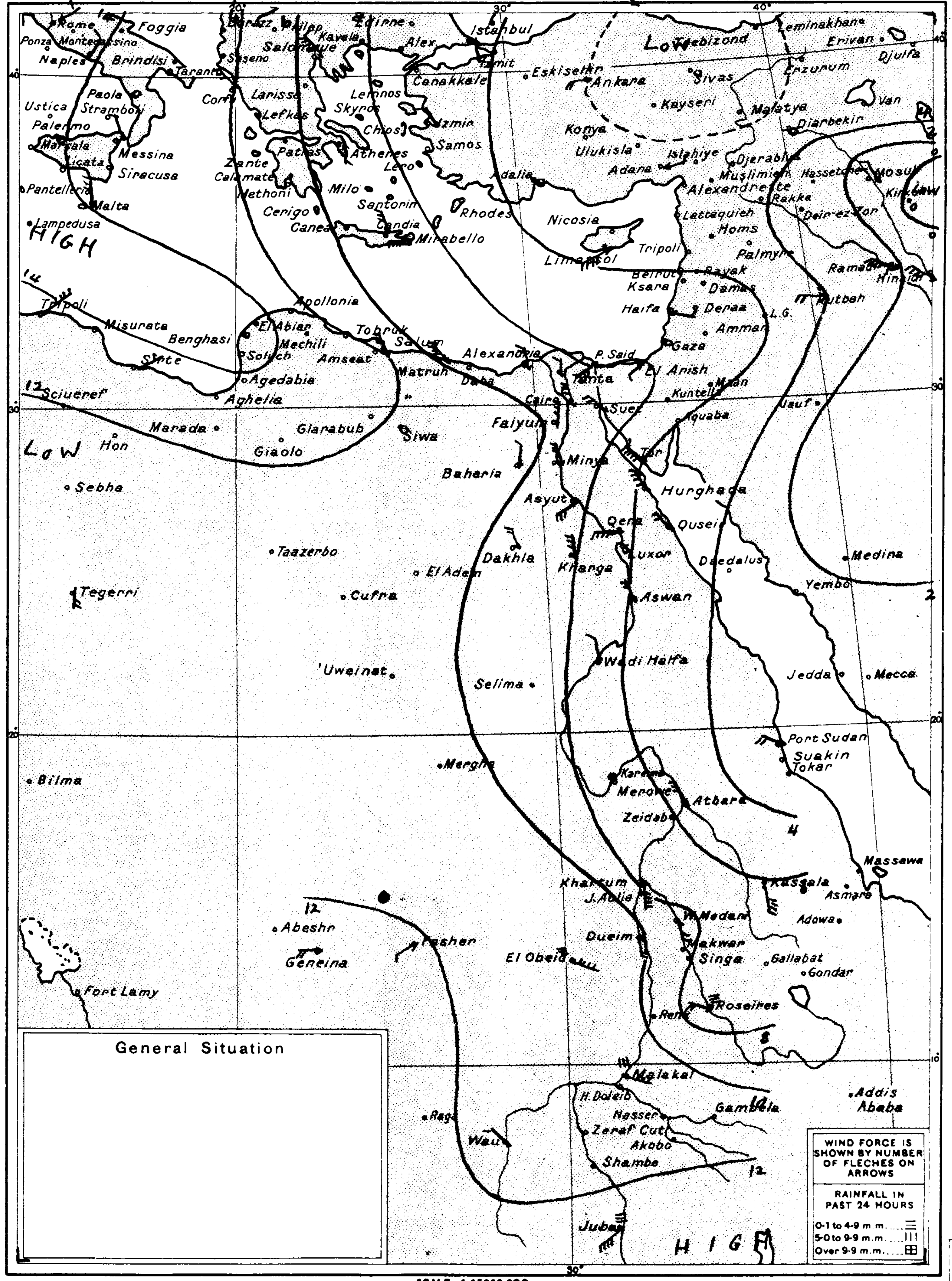
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
26-8	9336	8389
25-8	9224	8409

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26-8	13.80	+0.02	13.87	+0.10
Nâşşer	26-8	10.15	+0.19	10.12	+0.18
Malakâl	26-8	12.04	+0.15	12.04	+0.16
Roşeires	26-8	19.48	+0.27	19.52	+0.28
Sennâr Res.	26-8	17.23	—	17.22	—
Khartûm	26-8	16.20	+0.56	16.12	+0.49
Kh. el Girba	26-8	14.32	-0.07	14.56	+0.19
ʿAtbara	26-8	15.62	+0.51	15.69	+0.61
Kajnarti	26-8	142.85	+1.46	142.81	+1.48
Wâdi Halfa	26-8	8.35	+0.81	8.30	+0.79
Aswân Res.	26-8	97.57	—	97.51	—
,, D.S.	26-8	92.52	+0.61	92.45	+0.59
El Leisi	26-8	23.44	+1.20	23.36	+1.18
Rôda (Cairo)	26-8	19.42	+1.12	19.30	+1.08

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

٢٦-٨-١٩٣٧ Pressure and Wind at 8h. *26-8-1937*



General Situation

SCALE 1:15,000,000

Kms. 200 100 0 200 400 600 Kms.

At 8h. on *25th* (الساعة ٨ يوم ٢٥)

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
Tanta	1011.0	-0.3	—	0	25.2	37	+2	18	-2	88	+13	0	7	—	0	0	54	48	طنطا
Limassol	1008	-1	SE	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.0	+2.5	ENE	1	28.5	29	-2	25	+3	90	+22	0	—	—	—	0	365	648	حيفا
Gaza	1009.6	+1.2	—	0	26.2	34	+4	21	+1	78	+7	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

CAIRO
Time of sunrise 05 29
sunset 18 24

Month August, 1937 ١٩٣٧ شهر أغسطس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

No.	Region	STATION	At 14h. on 26th (الساعة ١٤ يوم ٢٦) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Friday 27th (الساعة ٨ يوم الجمعة ٢٧) 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.
[redacted]	MEDITERRANEAN	[redacted]M	1011.6	N	4	30.8	44	0	8	1011.0	-1.1	NNW	3	24.5	32	—	20	—	83	—	1	7	Cu	0	0	105	—
		[redacted]UH	1009.6	NW	5	27.8	67	0	6	1010.3	-1.3	NW	4	26.2	28	0	26	+5	68	-10	2	6	Cu	1	0	182	158
		DIKHEILA	1009.2	NW	5	28.0	73	2	—	1009.1	—	WNW	3	26.8	29	—	25	—	75	—	0	8	Cu	0	0	145	—
132		ALEXANDRIA	1008.4	NW	5	29.5	64	2	9	1008.4	-3.4	N	2	26.3	31	0	25	+2	74	+3	1	9	Cu	2	0	167	190
159		DAMIETTA								1007.0	—	SW	1	28.9	32	—	21	—	65	—	0	8	Ac	1	0	75	116
134		PORT SAÏD	1008.0	NW	4	29.4	58	0	8	1008.0	-1.5	NW	3	27.2	31	0	25	+2	70	-1	1	8	Cu	1	0	38	82
135		EL 'ARÎSH	1007.1	NNW	2	30.0	75	0	7							—		—		—							
136	LOWER EGYPT	DAMANHÛR								1008.4	-2.4	W	2	28.8	32	-1	21	+2	66	-8	1	8	Cu	0	0	78	110
[redacted]		MANSÛRA								1007.6	—	N	1	26.0	34	-1	20	0	69	-9	0	8	—	0	0	45	57
[redacted]		[redacted]ANTA	1007.0	NNW	3	33.3	45	0	7	1008.3	-3.2	N	1	28.0	33	-2	18	-2	63	-12	0	7	—	0	0	54	48
		[redacted]AGÂZÎG	1007.2	NNW	1	34.8	38	0	8	1008.3	—	NNW	1	26.4	35	+1	20	+1	77	-3	0	8	Ci	1	0	20	28
	MIDDLE EGYPT	CAIRO ALMÂZA	1009.0	NW	3	34.3	41	1	8	1009.1	—	NW	2	25.2	34	—	19	—	77	—	1	8	Sc	1	0	23	—
		CAIRO EZBEKÎYA	1007.1	NW	1	32.8	45	0	8	1008.2	-2.7	NNW	1	27.0	34	0	22	+1	80	+4	1	6	Cu	1	0	18	34
		CAIRO GÎZA	1006.8	NNW	2	32.9	43	0	7	1008.2	-2.8	NNW	2	25.9	33	-1	21	+2	79	0	2	6	Cu	0	0	16	31
143		HELWÂN	1006.7	WNW	4	32.0	32	0	7	1008.2	-2.7	NNW	4	24.9	33	-1	21	0	74	+6	2	6	Cu	1	0	17	35
144		SUEZ	1007.5	NW	2	34.0	36	0	7	1008.0	-2.1	N	2	27.6	34	-1	23	0	67	-9	2	7	—	1	0	13	26
153	UPPER EGYPT	FAIYÛM	1007.8	N	3	33.1	34	0	8	1008.6	-2.7	NNE	3	26.0	35	-1	21	0	74	+3	2	6	Cu	1	0	6	11
154		MINYA	1006.4	N	4	34.3	34	0	6	1007.8	-2.4	N	3	26.2	35	0	23	+2	67	-4	2	8	Ac	1	0	16	—
155		ASYÛT	1006.3	WNW	4	35.0	24	0	8	1007.6	-2.2	NW	3	25.2	36	+1	23	0	71	+11	0	7	—	0	0	dr	5
156		QENA	1003.0	WNW	5	40.4	19	0	8	1005.3	-2.8	W	3	28.5	41	+2	25	+2	49	+1	0	8	—	0	0	dr	—
157		LUXOR	1003.4	NW	1	40	—	0	8	1004.7	—	—	0	32.7	40	—	23	—	41	—	0	8	—	0	0	dr	—
158		ASWÂN	1001.8	NW	3	41.3	21	0	8	1004.7	-3.6	NNW	3	30.5	43	+2	26	+1	34	0	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1010.3	NW	1	35.8	42	0	6	1010.6	-1.1	—	0	28.0	38	+1	22	+2	71	+10	0	6	—	0	0	29	7
149		BAHARÎYA	1008.3	NNW	1	35.1	24	0	9	1009.9	—	ENE	1	25.6	36	—	20	—	78	—	0	9	—	0	0	26	—
151		KHÂRGA	1005.3	N	4	38.0	33	0	9	1007.5	-2.0	N	3	28.0	38	-1	25	+4	58	+11	0	9	—	0	0	0	dr.
152		DÂKHLA	1007.4	NNW	4	37.5	14	0	7	1009.3	-1.2	NNW	2	27.1	38	-1	24	+2	42	+4	0	8	—	0	0	dr.	—
145	RED SEA	TÔR	1004.2	NW	6	30.5	78	0	5	1004.3	-2.8	NW	4	28.5	34	+1	26	+2	76	+2	0	6	—	0	0	14	14
146		HURGHÂDA								1005.1	-2.4	NNW	4	29.2	35	0	24	-1	57	+7	0	6	—	0	0	dr.	1
147		QUSEIR	1004.4	N	3	33.0	54	0	6	1004.7	-2.7	NW	3	30.2	35	+1	29	+2	45	0	0	6	—	0	0	1	7
169		PORT SUDAN								1003.9	-2.8	SW	1	—	—	—	—	—	—	—	2	—	—	0	0	43	121
165	NORTH SUDAN	WÂDI HALFA								1007.6	-1.5	NNW	4	28.8	41	+1	25	+2	35	+4	0	8	—	0	—	—	—
166		KAREIMA								1006.7	-2.0	E	1	33.5	45	+5	29	+3	37	-3	2	7	Ci	0	0	8	28
167		'ATBARA								1007.0	-1.2	SW	4	30.3	44	+4	28	+3	46	+7	1	—	—	0	0	76	69
168		KHARTÛM								1008.8	-0.6	S	7	27.4	38	0	24	-1	63	-3	3	4	As	1	0	114	123
170		KASSALA								1007.4	-4.1	SE	4	25.3	85	+1	19	-3	61	-8	4	8	Ac, As	1	26	247	256
171	CENTRAL SUDAN	WAD MEDANI								1009.0	-1.6	W	2	25.5	35	0	21	0	65	-3	3	—	—	1	0	421	309
173		DUEIM								1009.6	-1.3	SE	4	25.8	34	-1	24	+2	75	+4	3	—	—	1	0	309	237
		RENK																									
172		ROSEIRES								1010.7	-1.0	SW	2	22.4	34	+2	21	0	86	+5	3	—	—	5	5	757	594
174		EL OBEID								1011.2	-0.6	S	3	24.0	33	0	22	+1	83	+8	4	8	Cs	1	0	418	253
175		EL FÂSHER								—	—	SW	3	25.0	39	+5	23	+3	76	+6	1	—	—	0	0	201	271
176	S. SUDAN	MALAKÂL								1010.0	-2.5	ENE	3	23.8	29	-2	21	0	75	-8	4	8	Sc	8	1	628	703
177		WÂU								1010.8	-0.6	SW	1	22.8	33	+1	20	0	89	+5	2	—	—	2	16	799	927
178		JÛBA																									
179		Geneina								—	—	SW	2	20.5	33	—	19	—	91	—	4	8	Nb	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 27th ارصاد الرياح العليا يوم ٢٧

Height metres above M.S.L.	Wadi Halfa 06h.00m. Dir. E.of N.	Kms. per hour	Kareima 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	Malakal 06h.00m. Dir. E.of N.	Kms. per hour	Geneina 06h.00m. Dir. E.of N.	Kms. per hour	El Obeid 06h.00m. Dir. E.of N.	Kms. per hour	Dikheila 07h.15m. Dir. E.of N.	Kms. per hour	Almaza 26th 11h.30m. 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	h. m. Dir. E.of N.	Kms. per hour
[redacted]	350	26	—	—	—	—	—	—	—	—	—	—	—	—	310	12	320	14												
	10	40	20	40	180	24	—	—	80	34	—	—	—	—	340	18	310	26												
	350	27	10	37	190	34	160	50	90	14	250	14	210	40	0	32	340	9												
	310	26	40	24	180	48	120	5	170	13	300	21	250	14	340	39	310	33												
			20	14	150	34	310	18	200	14	0	19	10	24			300	28												
3000			230	8			330	45	30	11	50	37					310	28												
4000									20	40																				
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

STATION	Mean of day Humidity % on 26th	Diff. from normal	Wet Bulb Temp. °C on 26th	Diff. from normal
Alexandria	72	+3	23.4	+1.3
Ezbekîya	68	+5	23.7	+1.0
Gîza	68	+3	23.4	+0.1
Helwân	63	+10	21.3	+1.4

Gîza Grass minimum on 27th 19.2 °C

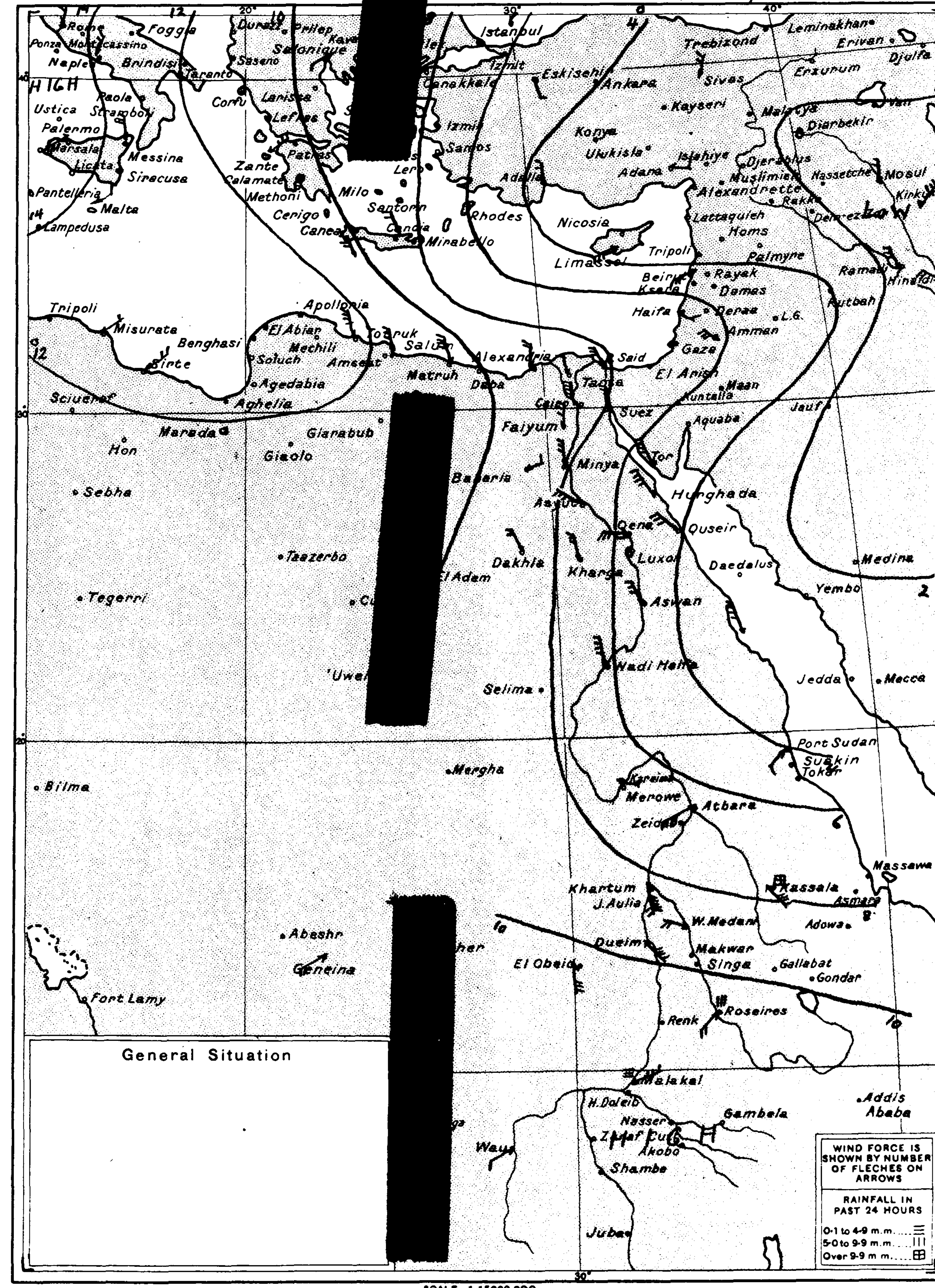
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
27-8	9483	8353
26-8	9336	8389

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27-8	13.77	-0.01	13.80	+0.02
Nâsser	27-8	10.16	+0.18	10.15	+0.19
Malakâl	27-8	12.05	+0.15	12.04	+0.15
Roseires	27-8	20.02	+0.84	19.48	+0.27
Sennâr Res.	27-8	17.22	—	17.23	—
Khartûm	27-8	16.22	+0.56	16.20	+0.56
Kh. el Girba	27-8	14.40	+0.02	14.32	-0.07
'Atbara	27-8	15.60	+0.47	15.62	+0.51
Kajnarti	27-8	142.89	+1.48	142.85	+1.46
Wâdi Halfa	27-8	8.35	+0.76	8.35	+0.81
Aswân Res.	27-8	97.65	—	97.57	—
,, D. S.	27-8	92.58	+0.63	92.52	+0.61
El Leisi	27-8	23.52	+1.20	23.44	+1.20
Rôda (Cairo)	27-8	19.51	+1.15	19.42	+1.12

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

DAILY WEATHER REPORT ١٩٣٧-٨-٢٧ Pr[redacted] and Wind at 8 h. 27-8-1937



General Situation

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
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 26th (الساعة ٨ يوم ٢٦) 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	1005	-4	SW	4	28	—	[redacted]		—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.5	-0.1	ESE	1	30.0	30	[redacted]		+3	88	+20	1	—	—	—	0	365	648	حيفا
Gaza	1008.4	-0.1	—	●	28.0	36	[redacted]		+1	74	+3	2	6	—	1	0	395	376	غزة

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

CAIRO

Time of sunrise h. m. 05 30

sunset h. m. 18 23

Month *August* 1937 ١٩٣٧ شهر *أغسطس*

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

No.	STATION	At 14h. on 27th – Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Saturday 28th – 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																									
	SALÛM	1011.4	NNE	4	27.2	75	0	8	1013.4	+1.1	NNW	3	24.0	28	—	19	—	80	—	2	7	Cu	1	0	105	—
	MATRÛH	1009.6	NW	3	27.2	68	2	6	1011.9	+0.2	NW	3	25.0	28	0	21	0	79	+1	2	6	Cu	1	0	182	158
	DIKHEILA	1009.2	NW	5	28.0	73	0	8	1011.3	—	NNW	5	26.8	29	—	25	—	75	—	2	8	Cu	2	0	145	—
132	ALEXANDRIA	1008.7	N	4	30.0	59	0	9	1010.7	-1.2	N	3	26.3	31	0	25	+2	71	+1	2	9	Cu	2	0	167	190
159	DAMIETTA								1009.5	—	NW	2	29.2	32	—	20	—	64	—	2	8	Cu	1	0	75	116
134	PORT SAÏD	1007.8	NW	4	30.8	52	0	8	1009.6	-0.1	NW	3	27.0	31	0	25	+2	63	-8	2	6	Cu	1	0	38	82
135	EL 'ARÎSH	1006.8	NNW	3	30.0	75	0	7	1009.1	—	WSW	1	28.2	30	—	24	—	76	—	0	7	—	0	0	85	91
	LOWER EGYPT																									
136	DAMANHÛR								1010.4	-0.5	NNW	3	27.7	32	-1	20	+1	61	-13	2	7	Cu	1	0	78	110
[illegible]	MANSÛRA								1009.6	—	NW	1	25.9	33	-2	20	0	69	-9	1	7	Cs	1	0	45	57
[illegible]	TANTA	1007.8	NW	2	32.2	50	0	7	1010.4	-1.2	—	0	25.6	33	-2	18	-2	78	+3	0	7	—	0	0	54	48
	ZAGÂZIG	1007.5	NNW	2	32.2	38	0	8	1010.7	—	WNW	1	26.1	32	-2	18	-1	74	-6	0	8	Ci	1	0	20	28
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1007.5	NNW	4	32.6	44	1	8	1010.7	—	N	2	24.9	33	—	18	—	71	—	0	8	—	0	0	23	—
	CAIRO EZBEKÎYA	1007.1	NNW	1	33.0	48	0	8	1010.0	-1.0	NNW	1	26.0	34	0	22	+1	78	+2	0	6	—	0	0	18	34
	CAIRO GÎZA	1006.7	NNW	4	31.9	45	0	7	1010.6	-0.5	N	3	24.8	33	0	19	0	78	-1	1	6	Cu	0	0	16	31
143	HELWÂN	1006.8	N	4	31.7	30	0	6	1010.2	-0.8	NNW	4	24.6	33	-1	21	0	65	-3	0	6	—	0	0	17	35
144	SUEZ	1006.8	N	3	33.0	34	0	7	1010.0	-0.2	N	2	25.0	34	-1	22	-1	72	-4	0	7	—	1	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1006.4	NNW	4	33.2	34	0	8	1010.6	-0.8	N	4	25.8	34	-2	20	-1	66	-5	0	7	—	0	0	6	11
154	MINYA	1006.4	N	4	33.2	37	0	7	1009.8	-0.5	N	2	25.3	34	-1	20	-1	71	0	0	9	—	0	0	16	—
155	ASYÛT	1005.4	NW	4	33.6	28	0	8	1009.1	-0.8	NW	3	25.0	35	0	21	-1	61	+1	0	7	—	0	0	dr	5
156	QENA	1003.1	W	4	38.0	21	0	9	1006.7	-1.5	WSW	1	29.3	39	0	24	+1	44	-5	0	7	—	0	0	dr	—
157	LUXOR	1003.0	WNW	1	38.0	30	0	8	1006.8	—	ESE	2	30.9	39	—	22	—	44	—	0	7	—	0	0	dr	—
158	ASWÂN	1001.9	N	1	38.7	14	0	8	1005.8	-2.6	NNW	2	30.0	41	0	25	0	36	+2	0	8	—	0	0	1	
	WESTERN DESERT																									
148	SÎWA	1009.9	—	0	35.7	45	0	6	1012.7	+1.0	—	0	26.4	37	0	21	+1	80	+19	0	6	—	0	0	29	7
149	BAHARÎYA	1008.0	NNW	1	34.5	39	0	9	1011.5	—	N	1	24.0	35	—	21	—	85	—	4	8	Sc	1	0	26	—
151	KHÂRGA	1004.8	N	2	37.5	33	0	9	1011.2	+1.6	N	4	28.4	38	-1	24	+3	57	+10	0	9	—	0	0	0	dr
152	DÂKHLA	1007.6	NNW	4	35.7	18	0	7	1010.4	-0.2	—	0	28.0	37	-2	25	+3	42	+4	0	9	—	0	0	dr.	—
	RED SEA																									
143	TÔR	1003.1	NW	6	30.2	77	0	5	1007.0	-0.2	NW	4	28.0	32	-1	26	+2	77	+3	0	5	—	0	0	14	14
146	HURGHÂDA								1007.6	0.0	NNW	5	28.5	33	-2	24	-1	65	+15	0	5	—	0	0	dr	1
147	QUSEIR	1004.4	N	4	32.5	47	0	6	1006.8	-0.7	NNW	3	30.0	34	0	27	0	41	-4	0	6	—	0	0	1	7
169	PORT SUDAN								1004.3	-2.5	SE	1	—	—	—	—	—	—	—	2	—	—	1	0	43	121
	NORTH SUDAN																									
165	WÂDI HALFA								1008.1	-1.1	NNE	3	27.3	39	-1	24	+1	37	+6	0	8	—	0	—	—	—
166	KAREIMA								1007.1	-1.6	NNE	2	31.0	43	+3	27	+1	37	-3	3	8	AC	0	0	8	29
167	'ATBARA								1007.5	-0.7	SW	3	32.7	40	0	29	+4	35	-4	0	—	—	0	0	76	71
168	KHARTÛM								1008.1	-1.2	SSW	5	28.7	37	-1	26	+1	64	-2	4	8	Ci, Ac	1	0	114	125
170	KASSALA								1009.4	-2.1	S	4	26.0	31	-3	23	+1	76	+7	2	8	Ac	0	0	247	260
	CENTRAL SUDAN																									
171	WAD MEDANI								1009.5	-1.1	SSW	2	26.4	34	-1	23	+2	72	+4	1	—	—	0	0	421	314
173	DUEIM								1009.5	-1.4	S	3	27.2	35	0	24	+2	73	+2	0	—	—	0	0	309	240
182	RENK									—					—				—							
172	ROSEIRES								1010.7	-1.0	SSW	2	22.7	33	+1	21	0	87	+6	3	—	—	2	2	759	601
174	EL OBEID								1009.9	-1.9	S	3	26.1	32	-1	23	+2	76	+1	0	8	Ci	0	0	418	257
175	EL FÂSHER								—	—	W	1	24.0	37	+3	—	—	72	+3	1	—	—	0	0	201	276
	S. SUDAN																									
176	MALAKÂL								1010.3	-1.7	S	1	24.4	29	-2	21	0	91	+8	4	8	Sc	1	0	628	709
177	WÂU								1010.3	-1.1	SE	2	25.0	31	-1	22	+2	84	0	3	—	—	0	0	799	934
178	JÛBA								1013.3	+0.5	NE	3	21.0	27	-5	19	-1	100	+14	8	3	—	5	dr	?835	772
179 180	Gezira Gallabat								—	—	N	3	21.5	32	—	19	—	82	—	4	8	As	2	22	—	—

الساعة ١٤ يوم ٢٧ — الساعة ٨ يوم ٢٨ السبت

Upper Wind Observations on 28th

ارصاد الرياح العليا يوم ٢٨

Height metres above M.S.L.	Matruh 07 h. 00 m. Dir. E.of N.	Kms. per hour	Asyut 07 h. 00 m. Dir.	Kms.	Aswan 07 h. 00 m. Dir.	Kms.	Wadi Halfa 06 h. 00 m. Dir.	Kms.	Kareima 06 h. 00 m. Dir.	Kms.	Khartum 05 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.	Gezira 06 h. 00 m. Dir.	Kms.	Almaza 27th 11 h. 30 m. Dir.	Kms.
[illegible]	310	18	—	—	—	—	0	24	—	—	—	—	—	—	—	—	—	—	—	—	340	8
[illegible]	310	23	0	34	10	31	10	39	10	32	190	42	—	—	—	—	90	18	—	—	350	21
1500	10	22	350	45	300	4	0	39	350	31	230	63	210	53	230	32	20	13	50	13	350	24
2000	20	17	0	34	350	25	300	18	310	18	240	35	210	26	240	21	20	6	0	5	350	28
3000	320	28			230	16	310	2	280	26	240	23	240	13	30	5	60	16	160	8	340	28
4000					220	31	210	14			230	23			50	31	70	29	50	27		
5000					240	6	90	3											70	58		
6000							20	13											80	93		
7000							40	14											100	50		

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day – Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	71	+2	23.2	+1.1
Ezbekiya	68	+5	23.8	+1.1
Gîza	68	+3	22.7	+0.4
Helwân	59	+6	20.8	+0.9

Gîza Grass minimum on 28th 15.6 °C

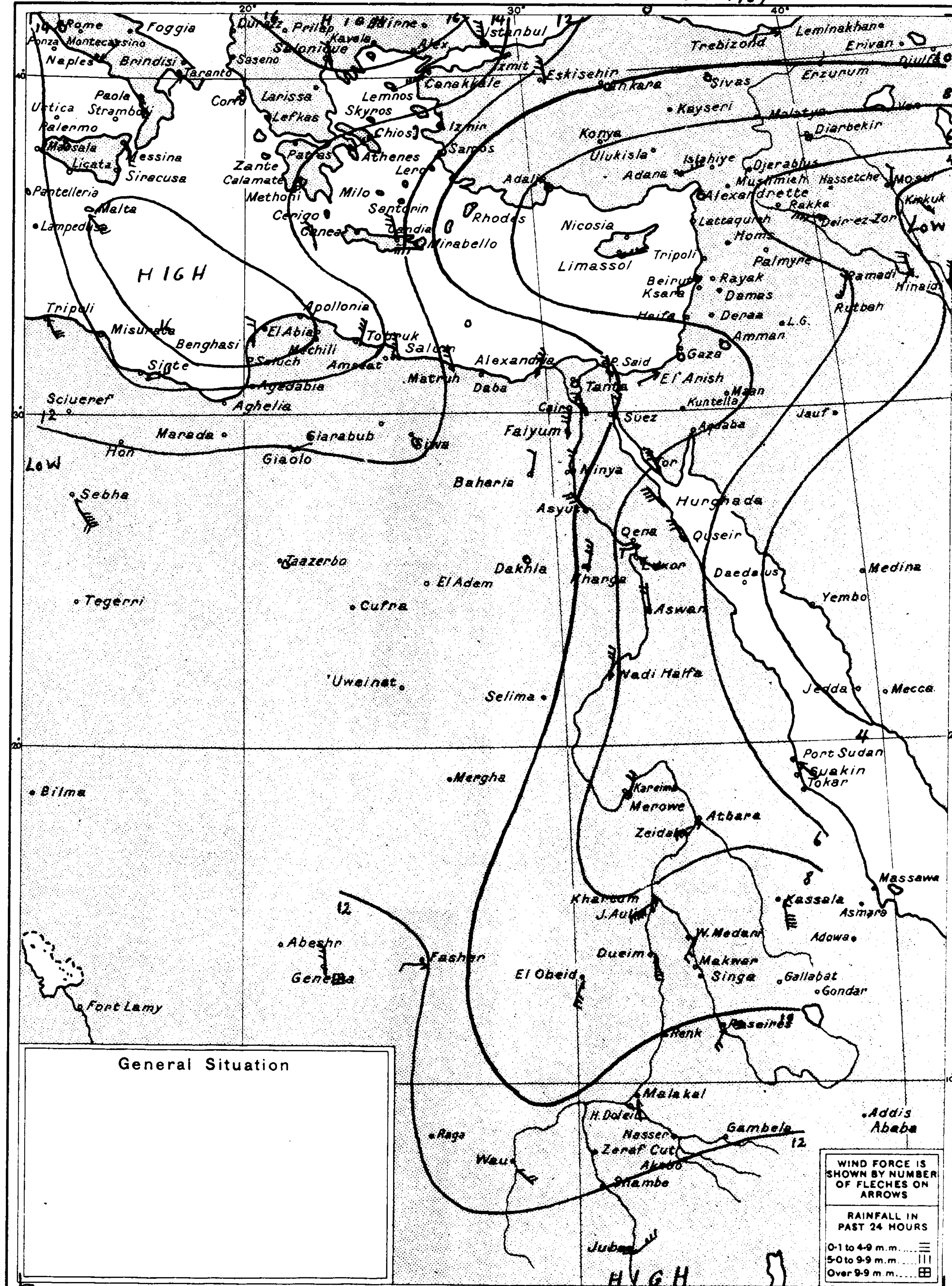
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
28-8	9556	8553
27-8	9483	8353

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28-8	13.90	+0.11	13.77	-0.01
Nâṣṣer	27-8	10.16	+0.18	10.15	+0.19
Malakâl	28-8	12.05	+0.13	12.05	+0.15
Roṣeires	28-8	20.51	+1.35	20.02	+0.84
Sennâr Res.	28-8	17.18	—	17.22	—
Khartûm	27-8	16.22	+0.56	16.20	+0.56
Kh. el Girba	27-8	14.40	+0.02	14.32	-0.07
'Atbara	28-8	15.60	+0.45	15.60	+0.47
Kajnarti	28-8	142.91	+1.42	142.89	+1.48
Wâdi Halfa	28-8	8.41	+0.79	8.35	+0.76
Aswân Res.	28-8	97.69	—	97.65	—
,, D.S.	28-8	92.62	+0.62	92.56	+0.63
El Leisi	28-8	23.55	+1.17	23.52	+1.20
Rôda (Cairo)	28-8	19.57	+1.16	19.51	+1.15

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

١٩٣٧-٨-٢٨ Pressure and Wind at 8 h. 28-8-1937



STATION	At 8 h. on 27th – 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	1003	-6	SW	3	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1006.4	-1.3	ESE	1	28.5	31	0	26	+4	97	+29	1	—	—	—	0	365	648	حيفا
Gaza	1007.0	-1.6	—	0	27.5	34	+4	22	+2	72	+1	2	5	—	1	0	395	376	غزة

الساعة ٨ يوم ٢٧

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 36
sunset 18 21

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

DAILY WEATHER REPORT

Month August 1937 ١٩٣٧ أغسطس شهر

١٩٣٧-٨-٢٩ Pressure and Wind at 8 h. 29-8-1937

	STATION	At 14 h. on 28th الساعة ١٤ يوم ٢٨							At 8 h. on Sunday 29th (الاحد ٢٩) الساعة ٨ يوم																		
		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																										
	SALÛM	1014.7	NNE	4	26.5	85	0	8	1015.5	+3.1	NNE	4	25.0	27	—	20	—	76	—	1	6	Cu	1	0	105	—	
	MATRÛH	1012.8	NNW	4	27.8	67	0	6	1013.6	+1.8	NNW	4	26.0	28	0	22	+1	71	-7	2	6	Cu	1	0	182	158	
	DIKHEILA	1012.0	NNW	6	28.0	70	3	8	1012.9	—	N	5	26.2	28	—	24	—	77	—	3	7	Cu	2	0	145	—	
132	ALEXANDRIA	1011.5	N	5	28.9	60	2	9	1012.2	+0.2	NE	4	25.9	30	-1	24	+1	72	+2	2	9	Cu	2	dr	167	190	
158	DAMIETTA								1010.8	—	NNW	1	27.9	32	—	22	—	70	—	1	8	Cu	1	0	75	116	
134	PORT SAÏD	1010.6	NW	4	30.0	53	0	7	1011.2	+1.4	NE	2	27.7	31	0	24	+1	64	-7	1	7	Cc	1	0	38	82	
135	EL 'ARÎSH	1009.5	NNW	2	29.0	77	0	7	1010.8	—	WNW	1	28.0	30	—	23	—	81	—	2	7	Cu	0	0	85	91	
	LOWER EGYPT																										
134	DAMANHÛR								1012.0	+1.0	NNE	3	26.8	31	-2	21	+2	69	-5	3	7	Cu	0	0	78	110	
137	MANSÛRA								1011.1	—	N	1	26.2	32	-3	21	+1	72	-6	0	8	Ci	1	0	45	57	
	TANTA	1009.6	N	2	31.0	49	0	7	1011.9	+0.2	N	1	25.0	31	-4	18	-2	83	+8	2	6	Cu	1	0	54	48	
	ZAGÂZÎG	1010.6	NNE	1	31.4	47	0	8	1011.7	—	WSW	1	25.9	31	-3	20	+1	76	-4	0	8	Ci	1	0	20	28	
	MIDDLE EGYPT — CAIRO																										
	ALMÂZA								1011.8	—	NNE	2	24.8	33	—	19	—	76	—	1	8	Cu	1	0	23	—	
	EZBEKÎYA	1009.8	NW	2	32.5	46	1	8	1011.5	+0.4	N	1	25.8	33	-1	22	+1	82	+5	1	6	Cu	0	0	18	34	
	GÎZA	1009.8	NW	3	32.2	48	1	7	1011.5	+0.3	N	2	25.0	33	0	20	+1	80	+1	1	5	Cu	1	0	16	31	
143	HELWÂN	1009.6	N	4	30.9	37	0	6	1011.5	+0.3	N	4	24.3	32	-2	21	0	72	+4	3	6	Cu	1	0	17	35	
144	SUEZ	1009.4	NW	2	32.6	35	0	7	1011.5	+1.2	NNE	1	25.4	34	-1	22	-1	69	-7	0	7	—	1	0	13	26	
	UPPER EGYPT																										
153	FAIYÛM	1009.4	N	4	32.7	36	0	7	1011.1	-0.4	NNW	3	24.9	33	-2	20	-1	71	0	2	7	Cu	1	0	6	11	
154	MINYA	1009.3	NNW	4	32.4	36	0	7	1011.0	+0.6	NNE	3	25.1	33	-1	21	0	69	-2	2	7	Cu	1	0	16	—	
155	ASYÛT	1007.9	NNW	4	32.8	28	0	8	1011.1	+1.0	NNW	4	24.8	35	0	22	0	69	+9	0	7	—	0	0	dr	5	
156	QENA	1005.6	W	1	38.0	22	0	8	1008.0	-0.3	W	2	28.0	39	0	25	+2	51	+2	0	8	—	0	0	dr	—	
157	LUXOR	1005.9	ENE	1	40.1	32	0	8	1007.5	—	—	0	30.5	41	—	22	—	50	—	0	8	—	0	0	dr	—	
158	ASWÂN	1004.0	N	1	39.2	20	0	8	1007.4	-1.1	N	2	29.3	41	0	25	0	38	+4	0	8	—	0	0	1	—	
	WESTERN DESERT																										
148	SÎWA	1012.0	NNW	2	34.3	36	0	6	1015.2	+3.4	—	0	24.9	36	-1	19	-1	80	+19	0	6	—	0	0	29	7	
149	BAHARÎYA	1010.2	NNE	5	33.0	50	0	9	1013.0	—	NNE	5	25.0	34	—	20	—	76	—	0	9	—	0	0	26	—	
151	KHÂRGA	1007.2	N	1	37.2	32	0	9	1010.6	+0.9	N	4	25.8	37	-2	23	+2	67	+20	0	9	—	0	0	0	dr	
152	DÂKHLA	1009.1	NNW	4	35.1	16	0	7	1012.4	+1.7	NNW	3	25.0	36	-3	22	0	59	+21	0	8	—	0	0	dr	—	
	RED SEA																										
145	TÛR	1005.9	NW	5	30.1	77	0	5	1008.2	+0.9	NW	4	28.0	32	-1	26	+2	73	-1	0	5	—	0	0	14	14	
146	HURGHÂDA								1007.9	+0.2	NNW	5	27.6	32	-3	25	0	72	+21	0	5	—	0	0	dr	1	
147	QUSEIR	1007.0	N	4	31.9	51	0	6	1008.7	+1.1	NNW	2	29.4	33	-1	28	+1	59	+14	0	6	—	0	0	1	7	
169	PORT SUDAN								1005.3	-1.6	SE	1	—	—	—	—	—	—	—	0	—	—	0	0	43	122	
	NORTH SUDAN																										
165	WÂDI HALFA								1009.3	0.0	N	4	27.5	39	-1	23	0	46	+15	0	8	Cs	0	—	—	—	
166	KAREIMA								1006.8	-1.9	N	3	33.5	42	+2	28	+2	19	-20	3	8	Ci	1	0	8	29	
167	'ATBARA								1007.0	-1.2	S	2	31.0	42	+2	29	+4	39	0	1	—	—	0	0	76	72	
168	KHARTÛM								1007.5	-1.8	SSW	3	30.2	39	+1	27	+2	65	0	0	8	Ac	0	dr	114	127	
170	KASSALA								1007.6	-3.9	SSE	2	28.8	33	-1	24	+1	64	-5	2	8	Ac	1	0	247	263	
	CENTRAL SUDAN																										
171	WAD MEDANI								1007.9	-2.7	WSW	1	28.3	36	+1	23	+2	72	+4	0	—	—	0	dr	421	318	
173	DUEIM								1008.2	-2.7	S	2	29.0	36	+1	25	+3	62	-9	0	—	—	0	0	309	244	
	RENK																										
172	ROSEIRES								1009.1	-2.6	W	2	25.8	31	-1	22	+1	82	+1	1	—	—	0	0	759	608	
174	EL OBEID								1009.6	-2.2	SSW	2	25.3	35	+2	21	0	76	+2	1	8	Ac	0	dr	418	261	
175	EL FÂSHER								—	—	SW	1	26.0	38	+4	22	+2	76	+7	0	—	—	0	0	201	281	
	S. SUDAN																										
176	MALAKÂL								1008.8	-3.6	E	1	28.1	33	+2	23	+2	77	-6	2	8	Cs,Ac	1	Er	628	715	
177	WÂU								1009.6	-1.7	N	1	24.0	33	+1	22	+2	83	-1	1	—	—	2	10	809	941	
178	JUBA								1011.7	-0.9	NE	3	25.0	33	+1	21	+1	84	-2	0	8	Sc	5	dr	835	775	
179	Gencina								—	—	SE	2	20.0	32	—	19	—	81	—	4	8	Ci,Ac	1	0	—	—	
180	Gallabat																										

Upper Wind Observations on 29th

ارصاد الرياح العليا يوم ٢٩ 28th

Height metres above M.S.L.	Salum 08 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	Cairo 08 h. 00 m. Dir. E of N.	Kms per hour	Helwan 09 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	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
200	20	23	350	21	350	22	20	15	10	36	—	—	—	—	350	16	—	—
1000	—	—	340	21	350	26	20	22	10	26	0	40	0	38	10	35	30	34
2000	20	26	Ent Cu		20	27			50	14	350	33	310	7	0	27	30	10
3000	30	31			10	23			20	33	10	30	230	24	320	8	0	2
4000	0	45			0	16			20	20			220	19	170	11	190	14
3000									—	0			210	14	200	14	190	14
4000									350	30			240	63	200	31	100	8
5000									70	4					210	27		
6000																		

Height metres above M.S.L.	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	Gencina 06 h. 00 m. Dir. E of N.	Kms per hour	Ismailia 07 h. 00 m. Dir. E of N.	Kms per hour
200	—	—	—	—	—	—	—	—	—	—	350	8
1000	190	18	—	—	—	—	250	10	—	—	20	11
2000	220	18	190	18	210	14	30	2	170	14	20	11
3000	220	34	50	10	110	8			50	43	0	19
4000	220	45	10	21	30	18			50	58	340	8
3000	220	56	10	14					50	55	320	5
4000												
5000												
6000												

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

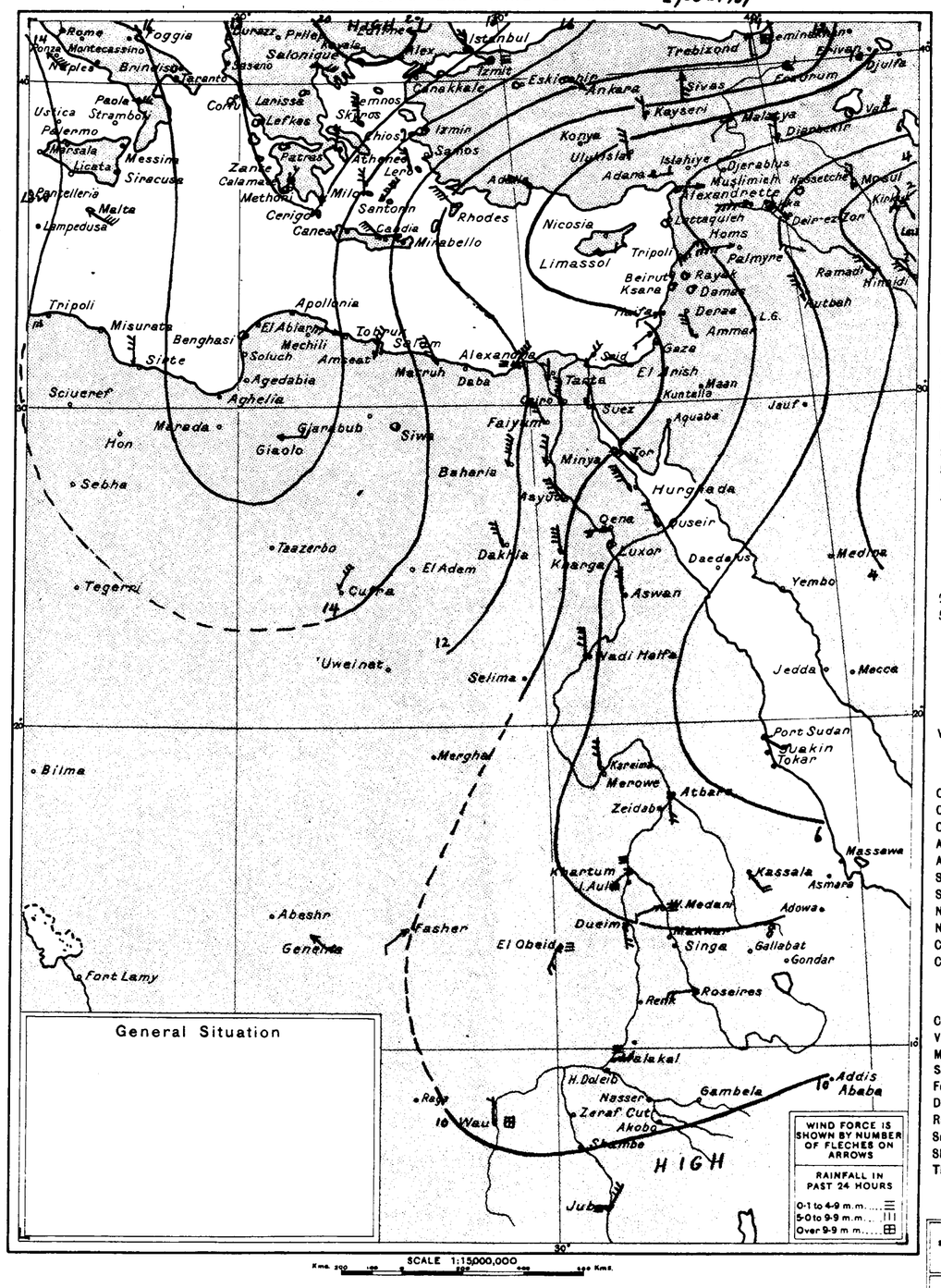
تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day: HUMIDITY % on 28th	Diff. from normal	WET BULB TEMP. °C on 28th	Diff. from normal	Previous day: Reading	Diff. from normal
Alexandria	70	+1	22.9	+0.9		
Ezbekiya	68	+5	23.1	+0.4		
Giza	70	+5	22.5	+0.2		
Helwân	55	+2	20.4	+0.6		
Gîza Grass minimum on 29th			18.4	°C		

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

DATE	1937	1936
29-8	9646	8829
28-8	9556	8553

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	29-8	13.80	+0.01	13.90	+0.11
Nâsser	28-8	10.18	+0.17	10.16	+0.18
Malakâl	29-8	12.05	+0.13	12.05	+0.13
Roseires	29-8	19.52	+0.38	20.37	+1.35
Sennâr Res.	28-8	17.18	—	17.22	—
Khartûm	29-8	16.03	+0.34	16.10	+0.43
Kh. el Girba	28-8	14.46	+0.10	14.40	+0.02
'Atbara	29-8	15.62	+0.47	15.60	+0.45
Kajnarti	28-8	142.41	+1.42	142.89	+1.48
Wâdi Halfa	29-8	8.40	+0.73	8.41	+0.79
Aswân Res.	29-8	97.74	—	97.69	—
" D. S.	29-8	92.64	+0.62	92.62	+0.62
El Leisi	29-8	23.60	+1.19	23.55	+1.17
Rôda (Cairo)	29-8	19.60	+1.17	19.57	+1.16



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 28th الساعة ٨ يوم ٢٨ 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
Limassol	1007	-2	E	3	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1009.4	+1.6	WSW	1	28.3	29	-2	24	+2	85	+17	1	—	—	—	0	365	648	حيفا
Gaza	1009.1	+0.5	—	0	27.8	34	+4	21	+1	71	0	2	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 5 h. 31 m.
sunset 18 h. 20 m.

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

DAILY WEATHER REPORT

Month August 1937 ١٩٣٧ شهر اغسطس ٢٩-٨-٣٧

Pressure and Wind at 8 h. 30-8-37

	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	At 8h. on Monday 30th (الساعة ٨ يوم الاثنين ٣٠) 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.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
MEDITERRANEAN	SALÛM	1015.8	N	4	27.1	69	0	7	1015.2	+2.7	N	3	24.6	28	—	22	—	80	—	0	7	—	0	0	105	—
	MATRÛH	1013.5	N	5	27.1	73	2	6	1013.6	+1.6	N	2	25.9	28	0	25	+4	73	-5	2	6	Sc	1	0	182	158
	DIKHEILA	1012.5	NNW	5	27.8	77	3	—	1013.1	—	N	4	26.5	28	—	25	—	90	—	2	8	St	0	0	145	—
	ALEXANDRIA	1011.6	NE	4	30.0	66	3	9	1012.6	+0.5	NE	3	26.2	31	0	25	+2	82	+12	2	9	Cu	2	0	167	190
	DAMIETTA								1010.8	—	N	2	29.9	33	—	24	—	73	—	0	8	—	0	0	75	116
	PORT SAÏD	1011.1	NE	3	30.0	58	0	8	1011.4	+1.5	NE	2	27.8	31	0	25	+2	75	+4	0	8	—	0	0	38	82
	EL 'ARÎSH	1009.8	NNW	2	30.0	75	0	7	1010.7	—	ENE	1	30.2	30	—	23	—	76	—	0	7	—	0	0	85	91
LOWER EGYPT	DAMANHÛR								1012.3	+1.1	NNE	3	27.4	32	-1	22	+3	74	0	0	8	—	0	0	78	110
	MANSÛRA								1011.5	—	NE	1	26.8	33	-2	23	+3	78	0	0	8	—	0	0	45	57
	TANTA	1010.2	N	1	32.0	54	2	7	1011.5	-0.3	—	0	27.0	33	-2	19	-1	80	+5	0	7	—	0	0	54	48
	ZAGÂZÎG	1010.3	NNW	2	32.4	46	0	8	1011.8	—	NNW	1	27.8	32	-2	21	+2	82	+2	1	8	Ci	1	0	20	28
MIDDLE EGYPT	CAIRO: ALMÂZA	1009.4	NNW	4	32.4	50	0	8	1011.6	—	NNE	3	25.9	33	—	20	—	82	—	3	7	Cu	2	0	23	—
	CAIRO: EZBEKÎYA	1009.4	NNW	1	32.8	50	0	8	1011.1	-0.1	N	2	25.4	34	0	22	+1	95	+18	3	5	Cu	1	0	18	34
	CAIRO: GÎZA	1009.4	N	2	32.4	50	0	8	1011.4	+0.1	NNW	2	25.1	33	0	22	+3	87	+8	3	5	Sc	2	0	16	31
	HELWÂN	1008.7	N	4	32.6	35	0	7	1011.1	-0.2	NNE	3	26.2	34	0	23	+2	70	+2	1	6	Sc	1	0	17	35
	SUEZ	1009.9	N	2	33.0	37	0	7	1010.7	+0.3	N	1	27.5	34	-1	23	0	67	-9	0	7	—	0	0	13	26
UPPER EGYPT	FAIYÛM	1009.1	N	3	32.8	35	0	7	1010.8	-0.8	NNE	4	26.7	34	-1	23	+2	72	+1	1	6	Cu	1	0	6	11
	MINYA	1009.0	N	4	32.7	40	0	8	1009.1	-1.4	N	2	26.0	33	-1	23	+2	72	0	0	7	—	2	0	16	—
	ASYÛT	1007.4	NNW	4	33.4	31	0	8	1009.1	-1.1	WNW	3	25.2	35	0	21	-1	71	+10	0	7	—	0	0	dr	5
	QENA	1006.0	W	1	39.0	26	0	9	1007.5	-0.9	W	1	28.5	41	+2	24	+1	55	+6	0	8	—	0	0	dr	—
	LUXOR	1005.6	W	1	39.2	34	0	8	1007.2	—	ESE	1	31.0	41	—	22	—	50	—	0	8	—	0	0	dr	—
	ASWÂN	1003.8	N	2	40.8	23	0	8	1006.3	-2.3	—	0	29.9	42	+1	25	0	41	+7	0	8	—	0	0	1	—
WESTERN DESERT	SÎWA	1012.4	NNW	2	35.5	36	0	6	1015.4	+3.5	—	0	25.0	37	0	21	+1	78	+17	0	6	—	0	0	29	7
	BAHARÎYA	1010.4	NNE	5	33.3	29	0	9	1012.7	—	N	1	23.6	35	—	21	—	83	—	4	8	—	2	0	26	—
	KHÂRGA	1007.6	N	3	35.3	32	0	9	1009.0	-0.8	N	4	28.0	36	-3	24	+3	59	+11	0	9	—	0	0	0	dr
	DÂKHLA	1009.0	NNW	3	34.9	23	0	8	1011.1	+0.3	NNW	3	26.9	36	-3	24	+2	56	+18	0	8	—	0	0	dr	—
RED SEA	TÛR	1005.6	NW	6	29.8	79	0	5	1007.1	-0.2	NW	5	28.0	30	-3	26	+2	85	+11	0	5	—	0	0	14	14
	HURGHÂDA																									
	QUSEIR	1007.6	NNE	2	31.9	58	0	6	1007.1	-0.6	NNW	3	30.3	33	-1	26	-1	52	+6	0	6	—	0	0	1	7
	PORT SUDAN								1005.4	-1.5	NE	1	—	—	—	—	—	—	—	3	—	—	1	0	43	122
NORTH SUDAN	WÂDI HALFA								1008.5	-0.8	N	3	27.8	39	-1	24	+1	41	+10	0	8	—	0	—	—	—
	KAREIMA								1006.4	-2.4	SSW	2	32.6	44	+4	28	+2	30	-8	2	7	Cs	0	0	8	30
	'ATBARA								1006.8	-1.4	SW	3	32.0	43	+3	28	+3	36	-3	1	—	—	0	0	76	73
	KHARTÛM								1007.8	-1.5	SSW	4	28.9	39	+1	25	0	52	-13	4	8	AcCs	3	0	114	130
	KASSALA								1008.2	-3.3	SSE	4	25.7	35	+1	22	-1	62	-7	3	8	Ns	1	3	250	267
CENTRAL SUDAN	WAD MEDANI								1008.6	-2.0	SSE	3	26.3	36	+1	21	0	69	+1	3	—	—	1	14	435	323
	DUEIM								1011.0	+0.1	SE	3	24.8	35	0	23	+1	80	+9	4	—	—	8	5	314	248
	RENK								—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	ROSEIRES								1010.7	-1.0	WSW	2	22.8	35	+3	20	-1	89	+8	2	—	—	8	10	769	615
	EL OBEID								1012.0	+0.2	SW	3	21.3	35	+2	21	0	91	+17	4	8	Cb	9	2	420	265
	EL FÂSHER								—	—	SW	1	26.0	38	+4	23	+3	73	+4	0	—	—	0	0	201	286
S. SUDAN	MALAKÂL								1011.1	-1.3	NNE	6	23.8	34	+3	23	+2	75	-8	4	7	Fn	2	0	628	721
	WÂU								1010.8	-0.5	SW	2	24.0	34	+2	22	+2	81	-3	3	—	—	0	0	809	948
	JUBA								1014.0	+1.4	NE	2	21.0	36	+4	21	+1	91	+5	9	6	Cb	2	13	848	778
	Gencina								—	—	SW	2	23.3	33	—	22	—	91	—	4	8	Sc	2	0	—	—
	Gallabat																									

Upper Wind Observations on 30th (ارصاد الرياح العليا يوم ٣٠)

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 07h00m. Dir. E of N.	Kms. per hour	Wadi Halfa 06h00m. 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 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	Juba 06h00m. Dir. E of N.	Kms. per hour	Salum 29th 13h00m. Dir. E of N.	Kms. per hour	Almaza 29th 11h30m. Dir. E of N.	Kms. per hour
200	340	15	0	17	20	10	30	30	—	—	—	—	340	16	—	—	—	—	—	—	—	—	—	—	—	—	20	19	20	16
500	20	26	20	13	60	44	40	22	0	24	20	27	10	35	0	37	190	40	—	—	—	—	310	16	—	—	—	—	20	33
1000	20	31	10	19	50	44	50	46	0	17	40	15	10	21	350	31	200	47	180	56	90	32	260	19	280	69	350	10	20	35
1500	10	43	350	20			50	41	170	12	270	14	190	5	320	13	270	39	240	21	100	24	230	14	260	80	340	32	40	25
2000	10	69	Ext	Se			50	34	200	14	240	16	190	10	30	6	330	8	330	24	190	11	260	11	270	95			50	24
3000							80	28	130	6	240	31	210	21			330	8	10	40			250	5						
4000									280	1	Dis.		230	6					40	39			50	21						
5000													260	5									90	21						
6000													210	21																

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

تغيرات الطقس المنظرة فى ٢٤ ساعة من ظهر

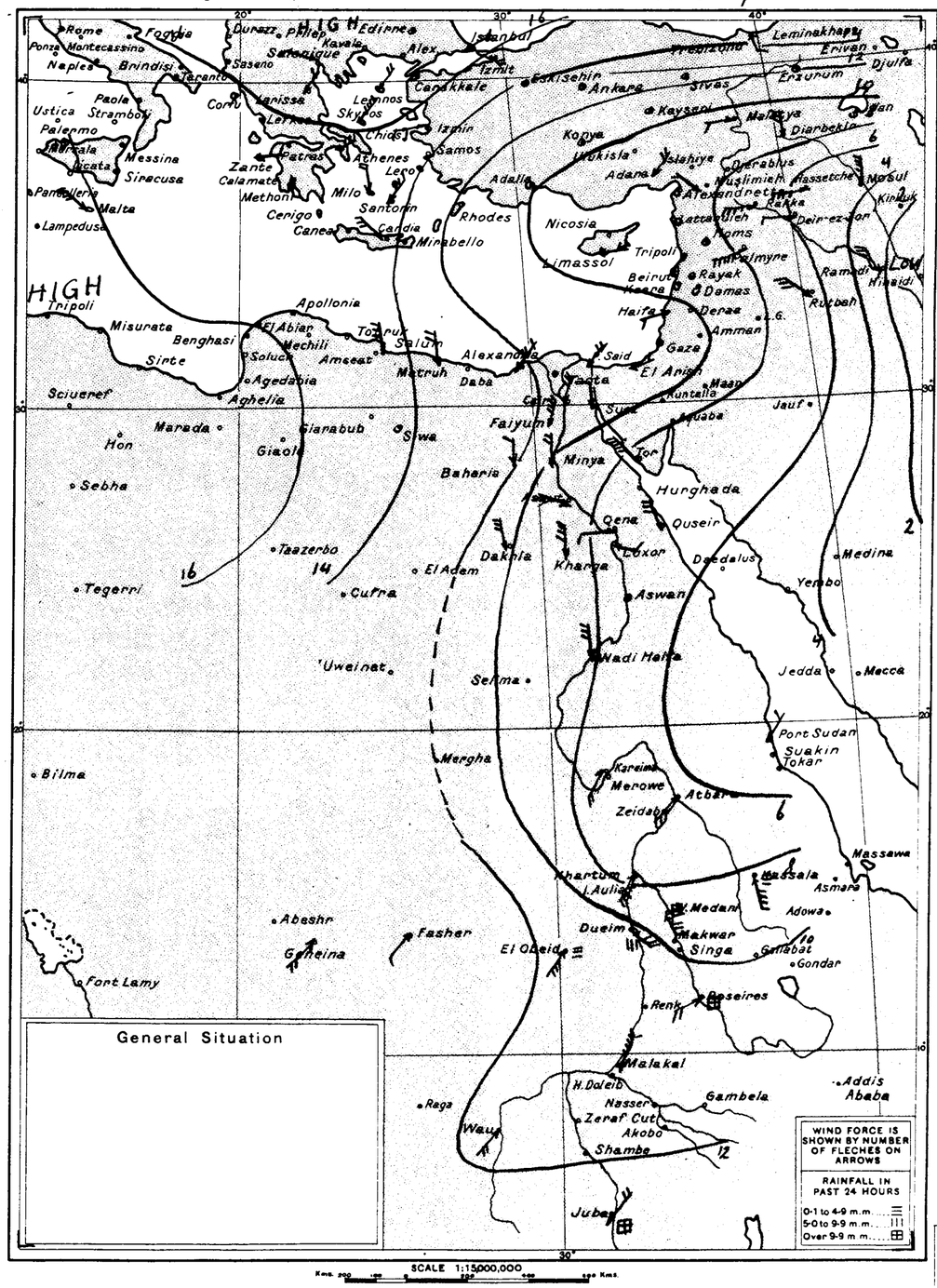
STATION	Mean of day: Humidity % on 29th	Humidity Diff. from normal	Wet Bulb Temp. °C on 29th	Wet Bulb Temp. Diff. from normal
Alexandria	75	+6	23.8	+1.8
Ezbekiya	69	+6	23.6	+1.0
Gîza	68	+3	23.2	+1.0
Helwân	53	0	20.8	+1.0

Gîza Grass minimum on 30th 20.2 °C

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

DATE	1937	1936
30-8	9664	9108
29-8	9646	8829

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-8	13.85	+0.05	13.80	+0.01
Nâsser	29-8	10.19	+0.17	10.18	+0.17
Malakâl	30-8	12.05	+0.12	12.05	+0.13
Roseires	30-8	19.44	+0.02	19.52	+0.38
Sennâr Res.	29-8	17.18	—	17.18	
Khartûm	29-8	16.03	+0.34	16.10	+0.43
Kh. el Girba	29-8	13.80	-0.53	14.46	+0.10
'Atbara	30-8	15.56	+0.42	15.62	+0.47
Kajnarti	30-8	14.89	+6.27	14.93	+11.38
Wâdi Halfa	30-8	8.38	+0.65	8.40	+0.73
Aswân Res.	30-8	97.75	—	97.74	—
" D.S.	30-8	92.67	+0.61	92.65	+0.62
El Leisi	30-8	23.64	+1.21	23.60	+1.19
Rôda (Cairo)	30-8	19.62	+1.16	19.60	+1.12



STATION	At 8 h. on 29th (الساعة ٨ يوم ٢٩) 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.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	موعد
Limassol	1009	-1	E	1	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.6	+0.6	WSW	1	28.2	29	-2	25	+3	86	+18	0	—	—	—	0	365	648	حيفا
Gaza	1010.3	+1.6	SE	1	28.5	34	+4	20	0	65	-6	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

El Albara River Gauge reading for 19-8-37 is 15.56 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 05h 31m
sunset 18h 19m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month August 1937 — ١٩٣٧ شهر اغسطس — ٣١-٨-٣٧

1417 F.C.

At 14h. on 30th — الساعة ١٤ يوم ٣٠

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
	SALŪM	1014.7	NNE	3	27.1	63	0	8
	MATRŪH	1013.0	NNW	3	27.6	68	0	6
130	DIKHEILA	1012.4	NNW	6	26.9	82	0	—
132	ALEXANDRIA	1011.5	N	5	29.0	67	0	8
159	DAMIETTA							
134	PORT SAÏD	1010.5	NE	2	32.4	58	0	8
135	EL 'ARÎSH	1008.7	NNW	3	29.0	75	0	7
136	LOWER EGYPT — DAMANHŪR							
137	MANSŪRA							
138	TANTA	1009.8	NE	1	35.0	46	0	7
	ZAGĀZĪG	1009.8	NNE	1	33.8	40	0	8
	MIDDLE EGYPT — CAIRO — ALMĀZA	1009.6	NNW	3	33.9	37	1	8
	EZBEKĪYA	1008.8	NNW	2	34.4	56	0	8
	GĪZA	1008.6	N	4	33.9	47	0	7
143	HELWĀN	1008.0	N	5	35.0	28	0	6
144	SUEZ	1008.7	NNW	3	35.5	27	0	7
153	UPPER EGYPT — FAIYŪM	1008.2	N	4	34.8	34	0	7
154	MINYA	1007.2	NNW	3	35.4	37	0	9
155	ASYŪT	1006.6	WSW	3	36.0	33	0	8
156	QENA	1005.1	W	1	38.0	27	0	9
157	LUXOR	1004.6	SSW	2	41.8	29	0	8
158	ASWĀN	1003.2	N	1	41.3	18	0	8
148	WESTERN DESERT — SĪWA	1012.0	—	0	36.2	38	0	6
149	BAHARĪYA	1009.4	NNE	3	36.0	27	0	9
151	KHĀRGA	1006.6	N	3	36.6	38	0	9
152	DĀKHLA	1007.8	N	2	35.5	22	0	8
145	RED SEA — TŪR	1005.3	NW	5	31.0	62	0	5
146	HURGHĀDA							
147	QUSEIR	1006.6	N	3	32.1	58	0	6
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 FÂSHER							
176	S. SUDAN — MALAKĀL							
177	WĀU							
178	JŪBA							
179	Geneina							
180	Gallabat							

At 8h. on Tuesday 31st — الساعة ٨ يوم الثلاثاء ٣١

	STATION	Bar. Pressure Reduced to M.S.L. m.b.	Diff. from normal m.b.	Wind Dir.	Wind Force	Temp. Dry Bulb °C	Temp. 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																		
	SALŪM	1013.0	+0.4	NNW	4	24.9	28	—	22	—	80	—	0	7	—	0	0	105	—
	MATRŪH	1011.1	−1.0	W	2	25.6	28	0	22	+1	85	+7	1	6	Cu	1	0	182	158
130	DIKHEILA	1010.7	—	NNW	4	26.5	28	—	24	—	82	—	0	—	—	—	0	145	—
132	ALEXANDRIA	1010.0	−2.2	NNW	3	30.0	30	−1	24	+1	76	+6	0	9	—	0	0	167	190
159	DAMIETTA	1008.6	—	WSW	2	28.4	34	—	20	—	74	—	2	8	Cu	2	0	75	116
134	PORT SAÏD	1009.4	−0.6	NW	2	27.2	32	+1	24	+1	72	+1	1	8	Cu	1	0	38	82
135	EL 'ARÎSH	1008.6	—	WSW	1	29.4	32	—	22	—	76	—	0	7	—	0	0	85	91
136	LOWER EGYPT — DAMANHŪR	1009.9	−1.4	NW	3	27.2	33	0	20	+1	72	−3	3	8	Cu	1	0	78	110
137	MANSŪRA	1009.0	—	N	1	25.6	35	0	21	+1	82	+4	0	8	—	0	0	45	57
138	TANTA	1009.8	−2.1	NW	2	26.0	35	0	20	0	84	+9	3	5	Cu	2	0	54	48
	ZAGĀZĪG	1010.0	—	WSW	1	25.9	34	0	20	+1	82	+2	1	8	Ci	1	0	20	28
	MIDDLE EGYPT — CAIRO — ALMĀZA	1010.4	—	N	3	24.4	35	—	20	—	72	—	3	7	Cu	1	0	23	—
	EZBEKĪYA	1009.6	−1.6	NNE	2	25.5	35	+1	22	+1	78	+1	2	7	Cu	1	0	18	34
	GĪZA	1009.8	−1.6	N	2	25.1	35	+2	21	+2	79	−1	3	6	Cu	2	0	16	31
143	HELWĀN	1009.5	−1.9	NNE	3	24.6	36	+2	22	+1	69	+1	0	6	Sc	1	0	17	35
144	SUEZ	1009.4	−1.0	N	4	25.0	36	+1	23	0	76	0	0	7	—	0	0	13	26
153	UPPER EGYPT — FAIYŪM	1009.8	−1.9	NNE	4	25.0	36	+1	21	0	70	−1	1	6	Cu	0	0	6	11
154	MINYA	1008.7	−1.8	NNE	3	24.6	36	+2	23	+2	76	+4	1	8	Cu	2	0	16	—
155	ASYŪT	1008.3	−2.0	NW	3	24.8	38	+3	22	0	76	+15	0	7	—	0	0	dr	5
156	QENA	1006.4	−2.0	W	4	28.8	39	0	25	+2	52	+2	0	7	—	0	0	dr	—
157	LUXOR	—	—	WSW	1	30.2	43	—	23	—	55	—	2	8	Sc	1	0	dr	—
158	ASWĀN	1005.3	−3.4	N	1	30.7	43	+2	26	+1	35	+1	0	8	—	0	0	1	—
148	WESTERN DESERT — SĪWA	1012.6	+0.7	—	0	26.0	38	+1	20	0	70	+9	0	8	—	0	0	29	7
149	BAHARĪYA	1011.0	—	NNE	1	24.4	37	—	21	—	80	—	—	8	Ci	0	0	26	—
151	KHĀRGA	1006.7	−3.2	NE	2	29.1	38	−1	26	+5	53	+5	0	9	—	0	0	0	dr
152	DĀKHLA	1009.4	−1.5	NNN	3	28.0	37	−1	25	+3	51	+12	0	8	—	0	0	dr	—
145	RED SEA — TŪR	1005.8	−1.6	NW	4	28.0	33	0	26	+2	81	+7	0	5	—	0	0	14	14
146	HURGHĀDA	1006.0	−1.9	NNW	5	30.1	34	0	24	0	65	+14	0	6	—	0	0	dr	1
147	QUSEIR	1006.3	−1.5	NNW	2	31.8	34	0	28	+1	44	−2	0	6	—	0	0	1	7
169	PORT SUDAN	1004.7	−2.2	NE	2	—	—	—	—	—	—	—	2	—	—	0	0	43	122
165	NORTH SUDAN — WĀDI HALFA	1008.0	−1.4	N	2	27.7	39	−1	25	+2	32	+1	0	8	—	0	—	—	—
166	KAREIMA	1007.6	−1.2	—	0	30.2	44	+4	29	+3	53	+13	2	7	Ac	0	0	8	30
167	'ATBARA	1008.6	+0.3	SW	3	30.3	42	+2	27	+2	40	+2	0	—	—	0	0	76	75
168	KHARTŪM	1010.7	+1.4	SSW	4	26.3	35	−3	24	−1	69	+4	2	8	Cu	0	0	114	132
170	KASSALA	1012.8	+1.3	SSE	4	23.0	31	−3	21	−2	83	+13	2	8	Ac	1	0	250	271
171	CENTRAL SUDAN — WAD MEDANI	1011.8	+1.2	SSW	2	24.5	32	−3	22	+1	80	+12	3	—	—	8	1	436	328
173	DUEIM	1011.8	+1.0	S	3	25.0	32	−3	22	0	74	+4	3	—	—	8	3	317	251
	RENK	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
172	ROSEIRES	1011.5	−0.2	SSE	2	23.7	30	−3	21	0	72	−9	2	—	—	2	6	775	622
174	EL OBEID	1012.0	+0.3	S	3	22.4	31	−3	21	0	91	+17	4	8	Ns	6	2	442	268
175	EL FÂSHER	—	—	SW	3	23.0	33	−1	21	+1	83	+13	1	—	—	0	3	204	291
176	S. SUDAN — MALAKĀL	1011.1	−1.3	S	1	22.8	24	−8	20	−1	91	+8	3	8	Ns	1	46	674	727
177	WĀU	1013.3	+2.0	N	1	22.8	30	−2	21	+1	89	+5	3	—	—	2	20	829	955
178	JŪBA	1015.2	+2.6	NE	2	21.0	27	−5	19	−1	100	+14	4	7	Sc,Cb	5	19	876	781
179	Geneina	—	—	NE	3	20.0	31	—	19	—	91	—	4	8	Sc	2	13	—	—
180	Gallabat																		

Upper Wind Observations on 31st — ارصاد الرياح العليا يوم ٣١

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. 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 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	El Obeid 06h. 00m. Dir. E of N.	Kms. per hour	Malakal 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	Almaza 11h. 30m. Dir. E of N.	Kms. per hour
200	0	22	330	24	20	49	340	17	—	—	—	—	350	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40	16
500	10	17	350	30	10	19	20	20	350	33	350	33	0	37	290	11	200	31	—	—	—	—	60	14	—	—	—	—	10	18
1000	0	13	0	30			40	24	330	21	330	21	340	31	320	13	210	56	190	53	230	55	310	11	160	23	100	16	10	15
1500	320	32	340	27			40	24	330	31	330	31	290	8	300	14	230	18	190	48	190	35	300	31	210	13	120	24		
2000			340	39			140	5	320	34	320	34	120	8	270	26	10	11	230	43	120	26	270	31	—	—	110	21		
3000							110	7					180	13	20	8			340	53	70	37	250	21	60	5	60	32		
4000							—	0					190	16									190	14			50	43		
5000							220	8																						
6000																														

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

تغيرات الطقس المنظرة في ٢٤ ساعة من ظهر

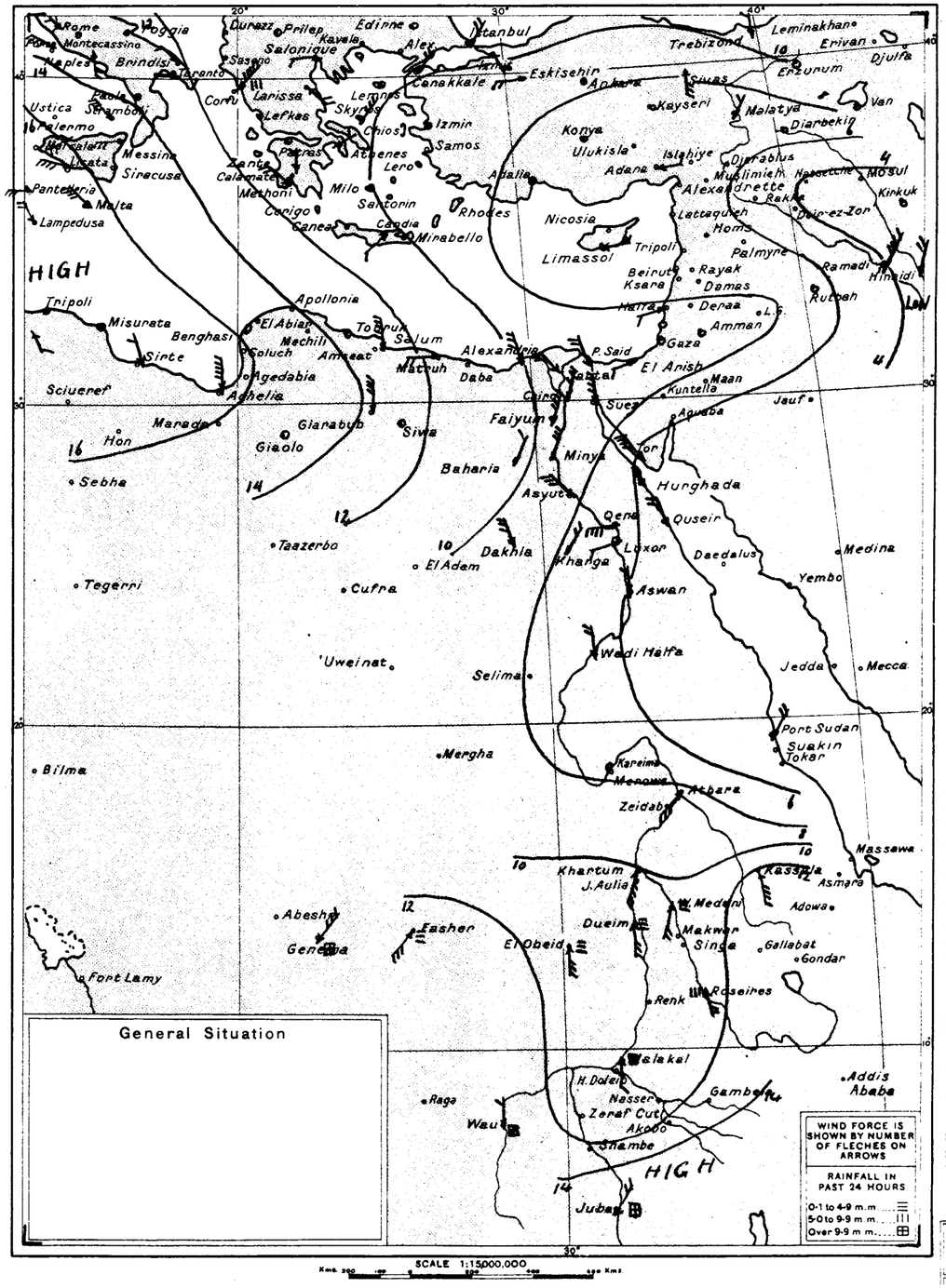
STATION	Mean of day Humidity % on 30th	Diff. from normal	Wet Bulb Temp. °C on 30th	Diff. from normal
Alexandria	80	+11	20.3	−1.6
Ezbekiya	76	+13	24.8	+2.2
Giza	71	+6	23.9	+1.7
Helwān	53	0	21.9	+2.1

Giza Grass minimum on 31st 19.9 °C

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

DATE	1937	1936
31-8	9592	9222
30-8	9664	9108

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	31-8	13.78	−0.02	13.85	+0.05
Nāsser	30-8	10.21	+0.17	10.19	+0.17
Malakāl	31-8	12.08	+0.13	12.05	+0.12
Roseires	31-8	19.44	+0.33	19.14	+0.02
Sennār Res.	29-8	17.18	—	17.18	—
Khartūm	30-8	16.11	+0.42	16.03	+0.34
Kh. el Girba	30-8	13.82	−0.46	13.80	−0.53
'Atbara	31-8	15.36	+0.22	15.56	+0.42
Kajnarti	31-8	142.85	+1.18	142.89	+1.27
Wādi Halfa	31-8	8.38	+0.63	8.38	+0.65
Aswān Res.	31-8	97.71	—	97.75	—
" D.S.	31-8	92.64	+0.56	92.67	+0.61
El Leisi	31-8	23.70	+1.25	23.64	+1.24
Rōda (Cairo)	31-8	19.71	+1.22	19.62	+1.16



STATION	At 8h. on 30th — الساعة ٨ يوم ٣٠ 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 %	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	1009	−1	E	2	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.6	+2.5	WSW	1	28.9	29	−2	25	+3	93	+25	0	—	—	—	0	365	648	حيفا
Gaza	1010.6	+1.8	—	0	28.0	34	+4	21	+1	76	+5	0	9	—	0	0	395	376	غزه
Hurghada	1007.6	−0.2	NNW	5	28.1	32	−2	25	+1	69	+18	0	5	—	0	0	Dr.	1	الغردقة

Remarks

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

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

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 05 32 (h. m.)

sunset 18.18 (h. m.)

Month September 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 31st — الساعة ١٤ يوم ٣١ ; At 8h. on Wednesday 1st — الساعة ٨ يوم الأربعاء أول

No.	Region	Station	14h Bar. Pressure m.b.	14h Wind Dir.	14h Wind 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.
	Mediterranean	SALÛM	1012.4	NNE	5	27.9	83	0	8	1012.3	—	NNW	3	24.1	29	—	21	—	83	—	1	6	Cu	1	0	105	—
	Mediterranean	MATRÛH	1010.8	NW	4	27.4	76	0	6	1010.4	-1.8	NW	4	26.3	28	0	25	+4	77	-1	2	6	Cu	1	0	182	158
	Mediterranean	DIKHEILA	1010.0	NNW	6	27.0	78	0	—	1010.0	—	NW	3	26.5	28	—	25	—	87	—	2	7	Sc	2	0	145	—
[illegible]	Mediterranean	ALEXANDRIA	1009.3	NNW	5	28.9	66	0	8	1009.3	-3.0	NW	2	26.0	31	0	25	+2	84	+14	2	9	Cu	0	0	167	190
159	Mediterranean	DAMIETTA								1008.4	—	NNW	1	29.1	33	—	21	—	71	—	0	8	—	0	0	75	116
134	Mediterranean	PORT SAÎD	1008.6	NE	2	30.3	58	0	8	1009.0	-1.1	NW	2	27.9	32	+1	24	+1	71	0	1	7	Cu	1	0	38	82
135	Mediterranean	EL 'ARÎSH	1007.1	NNW	2	29.0	84	0	7	1008.0	—	WSW	1	28.0	31	—	23	—	79	—	0	7	—	0	0	85	91
136	Lower Egypt	DAMANHÛR								1009.3	-2.0	NW	3	27.8	32	-1	20	+1	70	-5	0	8	—	0	0	78	110
137	Lower Egypt	MANSÛRA								1008.3	—	NNE	1	26.0	34	-1	21	+1	81	+3	0	8	—	0	0	45	57
138	Lower Egypt	TANTA	1008.0	NW	2	33.3	54	0	7	1009.1	-2.9	—	0	27.0	34	-1	19	-1	77	+1	0	7	—	0	0	54	48
[illegible]	Lower Egypt	ZAGÂZÎG	1007.9	NNW	2	32.9	49	0	8	1009.3	—	WNW	1	26.9	33	-1	20	+1	84	+4	0	8	Cu	1	0	20	28
[illegible]	Middle Egypt (Cairo)	ALMÂZA	1008.6	NNW	3	32.8	45	0	8	1009.6	—	NNE	3	24.9	33	—	19	—	79	—	3	7	Sc	2	0	23	—
[illegible]	Middle Egypt (Cairo)	EZBEKÎYA	1007.6	N	2	33.0	50	0	8	1009.1	-2.2	NNE	2	25.0	34	0	23	+2	90	+13	4	7	Sc	2	0	18	34
[illegible]	Middle Egypt (Cairo)	GÎZA	1007.5	N	3	32.1	55	0	7	1008.8	-2.7	NNW	1	24.8	33	0	21	+2	89	+9	4	5	Sc	1	0	16	31
143	Middle Egypt	HELWÂN	1006.8	NNW	5	32.6	37	0	7	1008.6	-2.9	N	4	24.7	34	0	22	+1	74	+6	0	5	Sc	1	0	17	35
144	Middle Egypt	SUEZ	1008.4	N	2	34.0	33	0	7	1007.5	-3.0	NNW	2	25.0	36	+1	22	-1	77	+1	0	7	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1007.0	NNE	4	34.3	33	0	8	1009.1	-2.8	N	4	25.0	36	+1	21	0	79	+8	3	6	Cu	0	0	6	11
154	Upper Egypt	MINYA	1007.0	NE	4	34.1	35	0	7	1008.4	-2.2	NNE	3	25.7	35	+1	23	+3	73	+1	0	8	—	1	0	16	—
155	Upper Egypt	ASYÛT	1006.2	WSW	3	35.1	35	0	8	1008.3	-2.0	WNW	3	24.5	36	+1	22	0	76	+15	0	7	—	2	0	dr	5
156	Upper Egypt	QENA	1004.2	WSW	2	39.1	29	0	8	1004.8	-3.7	W	3	28.4	40	+1	25	+2	55	+5	0	7	—	0	0	dr	—
157	Upper Egypt	LUXOR	1003.9	WSW	1	42.2	33	0	8	1005.9	—	ENE	1	31.2	43	—	22	—	48	—	2	8	As	1	0	dr	—
158	Upper Egypt	ASWÂN	1002.6	—	0	44.3	20	0	8	1005.8	-3.0	—	0	30.6	46	+5	27	+2	36	+2	0	8	—	0	0	1	
148	Western Desert	SÎWA	1011.0	NW	2	36.5	38	0	6	1011.9	-0.1	NE	2	25.0	38	+1	21	+1	83	+21	4	6	Ac	2	0	29	7
149	Western Desert	BAHARÎYA	1008.7	NNE	3	36.0	28	0	9	1010.6	—	NNW	1	24.2	36	—	21	—	77	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1006.8	N	3	38.2	31	0	9	1008.0	-2.0	N	3	28.2	39	+1	24	+3	61	+13	0	9	—	0	0	0	dr
152	Western Desert	DÂKHLA	1007.8	NNW	3	35.3	22	0	8	1010.2	-0.8	NNW	1	27.7	37	-1	22	0	40	+1	0	8	—	0	0	dr	—
145	Red Sea	TÔR	1003.5	NW	5	31.2	74	0	5	1005.3	-2.2	NW	5	28.0	32	-1	26	+3	85	+11	0	5	—	0	0	14	14
146	Red Sea	HURGHÂDA																									
147	Red Sea	QUSEIR	1004.8	N	3	32.9	54	0	6	1005.5	-2.4	NW	2	31.1	34	0	28	+1	54	+8	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN								1004.2	-2.9	SE	1	36.6	—	—	31	+3	44	-1	0	—	—	0	0	43	122
165	North Sudan	WÂDI HALFA								1008.3	-1.3	NNE	2	28.2	39	-1	25	+2	37	+6	4	8	Ci	0	—	—	—
166	North Sudan	KAREIMA								1007.2	-1.6	SSW	1	32.0	42	0	27	+1	38	0	0	8	—	0	0	8	31
167	North Sudan	'ATBARA								1008.2	-0.1	WSW	3	31.0	40	0	27	+2	39	+1	0	—	—	0	0	76	76
168	North Sudan	KHARTÛM								1008.4	-0.9	S	5	28.3	36	-2	25	0	63	-1	1	8	Cs	0	0	114	134
170	North Sudan	KASSALA								1008.7	-2.7	S	1	28.7	31	-3	23	0	—	—	2	8	Ac	0	0	250	275
171	Central Sudan	WAD MEDANI								1009.4	-1.1	SSW	2	26.0	31	-4	21	0	75	+7	0	—	—	0	0	436	333
173	Central Sudan	DUEIM								1009.3	-1.5	SSW	3	27.4	30	-5	22	0	75	+5	0	—	—	0	0	317	253
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1009.5	-2.3	WNW	2	26.9	33	0	22	+1	73	-8	1	—	—	0	0	775	629
174	Central Sudan	EL OBEID								1010.1	-1.6	SSW	3	24.7	31	-3	22	+1	76	+3	4	8	Ac	1	dr	442	272
175	Central Sudan	EL FÂSHER								—	—	SW	1	25.0	35	+1	21	+1	76	+8	0	—	—	0	10	214	296
176	S. Sudan	MALAKÂL								1010.2	-2.1	WNW	1	26.4	31	-1	22	+1	84	+1	2	8	Ac	1	0	674	733
177	S. Sudan	WÂU								1011.4	+0.1	W	1	22.5	32	0	20	0	89	+5	2	—	—	0	0	829	962
178	S. Sudan	JÛBA																									
179 / 180		Geneina / Gallabat								—	—	S	1	20.8	31	—	19	—	91	—	4	8	Sc	2	8	—	—

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

Direction E. of N. / Kms. per hour

Height metres above M.S.L.	Salum 07h.20m. Dir.	Kms.	Matruh 07h00m. Dir.	Kms.	Dikheila 07h40m. Dir.	Kms.	Cairo 08h30m. Dir.	Kms.	Helwan 08h45m. Dir.	Kms.	Asyut 07h00m. Dir.	Kms.	Aswan 07h00m. Dir.	Kms.	W. Halfa 06h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 05h00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	El Obeid 07h00m. Dir.	Kms.	Malakal 06h00m. Dir.	Kms.	Salum 31st 13h00m. Dir.	Kms.	Almaza 31st 12h00m. Dir.	Kms.
200	300	16	330	24	320	16	30	7	359	25	—	—	—	—	10	13	—	—	—	—	—	—	—	—	—	—	20	29	350	9
500	340	25	300	31	350	22			10	14	330	21	350	23	10	40	10	31	190	34	—	—	—	—	310	5	—	—	10	16
[1000]	330	18	ent.lu.		350	21			30	42	350	36	330	8	350	34	10	21	210	55	170	21	220	31	180	2	350	45	10	16
[1500]	280	32							20	38	340	37	240	13	290	18	310	14	230	37	100	5	130	18	90	2	350	42	20	12
[2000]													230	2	220	13	300	8	230	50	0	8	50	24	340	3	350	39	0	12
3000															180	11							80	34						
4000															230	11							100	45						
5000															260	14														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

Mean of day

Station	Humidity % on 31st	Diff. from normal	Wet bulb temp. °C on 31st	Diff. from normal
Alexandria	75	+6	23.5	+1.6
Ezbekiya	69	+6	24.0	+1.5
Gîza	72	+7	23.8	+1.6
Helwân	59	+6	21.9	+2.1

Gîza Grass minimum on 1st 20.1 °C

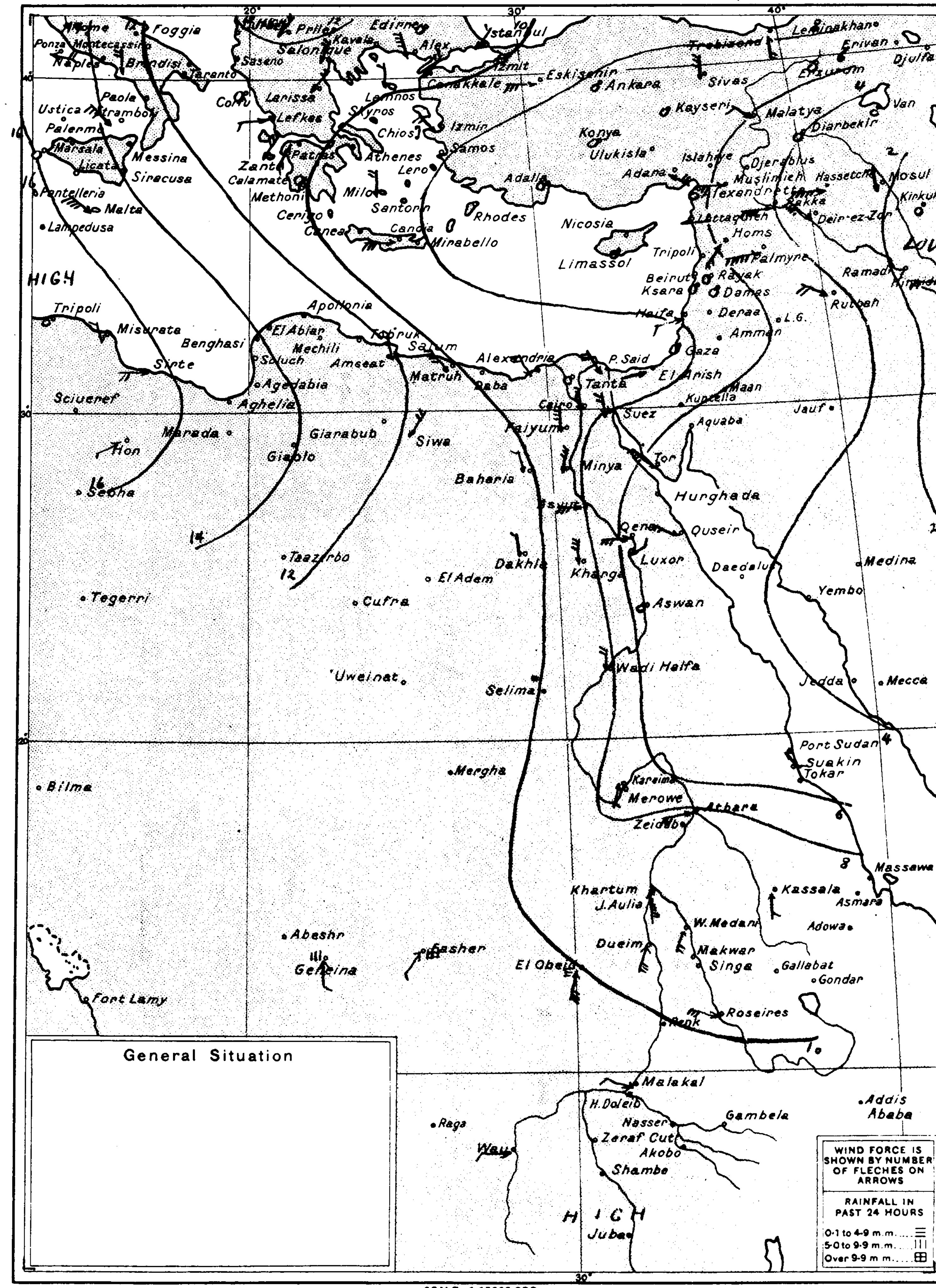
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
1-9	9574	9557
31-8	7592	9222

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba ✕	31-8	13.78	-0.02	13.85	+0.05
Nâsser	31-8	10.23	+0.17	10.21	+0.17
Malakâl	1-9	12.10	+0.15	12.08	+0.13
Roseires	1-9	19.40	+0.30	19.44	+0.33
Sennâr Res.	31-8	17.22	—	17.20	—
Khartûm	31-8	16.19	+0.50	16.11	+0.42
Kh. el Girba	31-8	13.77	-0.45	13.82	-0.46
'Atbara	31-8	15.36	+0.22	15.56	+0.42
Kajnarti	31-8	142.85	+1.18	142.89	+1.27
Wâdi Halfa	1-9	8.40	+0.61	8.38	+0.63
Aswân Res.	1-9	97.70	—	97.71	—
,, D.S.	1-9	92.63	+0.54	92.64	+0.56
El Leisi	1-9	23.70	+1.29	23.70	+1.25
Rôda (Cairo)	1-9	19.82	+1.32	19.71	+1.22

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

Pressure and Wind at 8h. 1-9-1937 — ١٩٣٧-٩-١



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 31st — الساعة ٨ يوم ٣١

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
Limassol	1007	-3	E	2	24	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1007.9	-0.3	WSW	1	28.2	30	-1	24	+2	87	+19	0	—	—	—	0	365	648	حيفا
Gaza	1009.3	+0.4	—	0	27.6	35	+5	21	+1	75	+4	0	9	—	—	0	395	376	غزة

Remarks

✕ Juba River Gauge Reading for 27-6-37 published on 28 & 29 6 37 should read 13.18 instead of 13.10 m.

ANNUAL SUBSCRIPTION

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

Abroad ..... P.T. 150

CAIRO

Time of sunrise 05 h. 33 m.

sunset 18 h. 17 m.

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

DAILY WEATHER REPORT

Month September 1937 — ١٩٣٧ — شهر سبتمبر

Pressure and Wind at 8 h. 2-9-1937 — ١٩٣٧-٩-٢

At 14 h. on 1st September — الساعة ١٤ يوم ١ أول

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
	MEDITERRANEAN: SALŪM	1011.9	N	5	28.2	70	7	3
	MATRŪH	1011.0	NW	5	27.6	67	0	6
	DIKHEILA	1010.0	NW	5	28.0	85	0	—
132	ALEXANDRIA	1009.5	NNW	4	30.2	70	0	8
159	DAMIETTA							
134	PORT SAÏD	1008.6	NW	2	31.5	60	0	7
135	EL 'ARÎSH	1007.4	NNW	3	29.0	84	0	7
136	LOWER EGYPT: DAMANHŪR							
137	MANSŪRA							
	TANTA	1008.3	NNW	2	34.0	45	0	7
	ZAGAZĪG	1008.0	NNW	2	33.8	41	0	8
	MIDDLE EGYPT, CAIRO: ALMAZA	1008.6	NNW	3	33.5	42	0	8
	EZBEKĪYA	1007.8	NNW	2	34.4	45	0	8
	GĪZA	1007.8	NNW	3	33.2	46	0	7
143	HELWĀN	1007.0	N	4	33.7	32	0	6
144	SUEZ	1007.5	N	2	34.3	26	0	7
153	UPPER EGYPT: FAIYŪM	1007.6	NNW	3	34.3	30	0	8
154	MINYA	1007.4	N	3	34.2	35	0	8
155	ASYŪT	1006.6	WSW	3	34.0	36	0	8
156	QENA	1004.8	WSW	2	38.0	30	0	8
157	LUXOR	1004.3	WSW	3	38.0	29	0	8
158	ASWĀN	1003.2	—	0	42.0	20	0	8
148	WESTERN DESERT: SĪWA	1010.6	—	0	34.2	44	0	6
149	BAHARIYA	1009.0	NNW	1	34.2	35	0	9
151	KHARGA	1007.1	N	5	37.7	18	0	9
152	DAKHLA	1008.4	NNW	5	36.2	26	0	6
145	RED SEA: TŪR	1004.2	NW	5	31.5	76	0	6
146	HURGHĀDA							
147	QUSEIR	1005.1	N	3	33.3	57	0	6
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 FÂSHER							
176	S. SUDAN: MALAKÂL							
177	WĀU							
178	JŪBA							
179	Genena							
180	Gallabat							

At 6 h. on Thursday 2nd September — الساعة ٦ يوم الخميس ٢

	STATION	BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	WIND Force	TEMPERATURE Dry Bulb °C	Yesterday Maximum °C	Diff. from norm. °C	Today Minimum °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: SALŪM	1013.4	+0.5	WNW	2	23.9	30	—	20	—	84	—	2	6	Cu	1	0	105	—
	MATRŪH	1011.4	-0.9	W	3	25.6	28	0	22	+1	70	-7	4	6	Sc	2	0	182	158
	DIKHEILA	1011.2	—	NW	3	26.7	29	—	25	—	65	—	2	8	Cu	0	0	145	—
132	ALEXANDRIA	1010.7	-1.8	WNW	2	26.0	32	+1	25	+2	71	+1	2	9	Cu	2	6	167	190
159	DAMIETTA	1009.9	—	NW	2	28.0	33	—	21	—	70	—	0	8	Cu	1	0	75	116
134	PORT SAÏD	1010.3	0.0	WSW	2	27.5	32	+1	23	0	69	-2	1	7	Cu	1	0	38	82
135	EL 'ARÎSH	1009.6	—	WSW	1	28.6	30	—	24	—	78	—	1	7	Cu	0	0	85	91
136	LOWER EGYPT: DAMANHŪR	1011.1	-0.3	NNW	2	26.4	33	0	21	+2	68	-7	2	7	Cu	1	0	78	110
137	MANSŪRA	1009.9	—	W	1	25.9	35	0	21	+1	73	-4	0	8	—	0	0	45	57
	TANTA	1010.7	-1.4	—	0	26.0	34	-1	19	-1	84	+8	0	7	—	0	0	54	48
	ZAGAZĪG	1010.8	—	WSW	1	26.3	34	0	19	0	82	+2	0	8	Cu	1	0	20	28
	MIDDLE EGYPT, CAIRO: ALMAZA	1011.2	—	N	2	25.2	34	—	19	—	79	—	3	8	Sc	2	0	23	—
	EZBEKĪYA	1009.4	-2.0	NNW	2	26.5	35	+1	22	+2	78	+1	2	6	Sc	1	0	18	34
	GĪZA	1010.8	-0.7	NNW	1	24.9	34	+1	20	+1	83	+3	2	6	Cu	1	0	16	31
143	HELWĀN	1011.0	-0.6	NNW	3	24.0	34	0	22	+1	79	+11	3	6	Cu	1	0	17	35
144	SUEZ	1010.7	+0.1	N	2	25.5	35	0	24	+1	80	+4	3	7	—	2	0	13	26
153	UPPER EGYPT: FAIYŪM	1011.4	-0.5	N	2	26.0	35	0	21	0	72	+1	0	6	Cu	0	0	6	11
154	MINYA	1010.6	-0.2	N	3	26.3	35	+1	23	+3	71	-1	0	9	—	0	0	16	—
155	ASYŪT	1009.9	-0.5	SW	3	27.2	36	+1	22	0	61	0	0	7	—	0	0	dr.	5
156	QENA	1007.6	-1.0	WSW	2	29.0	38	-1	25	+2	52	+2	0	7	—	0	0	dr.	—
157	LUXOR	1007.6	—	WSW	1	31.4	40	—	24	—	45	—	0	8	—	0	0	dr.	—
158	ASWĀN	1007.8	-1.1	N	1	30.3	43	+2	25	0	38	+3	0	8	—	0	0	1	
148	WESTERN DESERT: SĪWA	1012.6	+0.5	—	0	26.0	37	+1	20	+1	75	+13	0	6	—	0	0	29	7
149	BAHARIYA	1012.3	—	NNE	1	24.5	36	—	22	—	80	—	0	9	—	0	0	26	—
151	KHARGA	1009.6	-0.5	N	3	30.0	38	0	24	+3	46	-2	0	9	—	0	0	0	dr
152	DAKHLA	1010.8	-0.3	WNW	1	28.9	38	0	22	0	44	+5	0	9	—	0	0	dr	—
145	RED SEA: TŪR	1006.2	-1.4	NW	6	28.5	33	0	26	+3	77	+4	0	5	—	0	0	14	14
146	HURGHĀDA	1007.4	-0.7	WNW	5	30.2	34	0	25	+1	70	+19	0	5	—	0	0	dr	1
147	QUSEIR	1006.6	-1.4	NW	2	32.2	35	+1	28	+1	42	-4	0	6	—	0	0	1	7
169	PORT SUDAN	1004.3	-2.8	E	1	36.0	—	—	30	+2	44	-1	1	—	—	0	0	43	122
165	NORTH SUDAN: WĀDI HALFA	1009.9	+0.2	NNE	2	27.6	40	0	23	0	31	-1	0	7	—	0	—	—	—
166	KAREIMA	1006.9	-1.9	NE	4	33.5	44	+2	29	+3	33	-4	1	7	Ci	0	0	8	31
167	'ATBARA	1006.4	-1.9	W	2	33.6	42	+2	27	+2	24	-13	0	—	—	0	0	76	76
168	KHARTŪM	1006.7	-2.6	S	5	30.2	39	+1	27	+2	59	-5	1	8	Ac	0	0	114	135
170	KASSALA	1007.5	-3.9	S	3	29.0	34	0	24	+1	—	—	1	8	Ac	0	0	250	277
171	CENTRAL SUDAN: WAD MEDANI	1008.0	-2.5	SSW	2	28.0	35	0	23	+2	73	+5	1	—	—	0	0	436	335
173	DUEIM	1008.0	-2.8	SW	3	29.8	36	+1	24	+2	63	-7	0	—	—	0	0	317	254
	RENK																		
172	ROSEIRES	1008.4	-3.4	WSW	2	26.4	35	+2	22	+1	77	-3	0	—	—	0	0	775	634
174	EL OBEID	1009.2	-2.5	SW	3	27.3	34	0	22	+1	69	-4	1	8	Cs	0	0	422	275
175	EL FÂSHER	—	—	W	2	26.0	37	+3	22	+2	73	+6	0	—	—	0	0	214	297
176	S. SUDAN: MALAKÂL	1009.3	-3.0	S	2	26.9	33	+1	24	+3	84	+1	2	8	Cu,Ac	1	dr	674	738
177	WĀU	1009.6	-1.7	W	1	26.0	34	+2	22	+2	82	-2	1	—	—	0	0	829	967
178	JŪBA	1012.1	+0.4	S	3	25.1	34	+2	21	+1	83	-3	2	7	Cu,Sc	5	dr	867	788
179	Genena	—	—	N	2	20.8	31	—	18	—	91	—	2	8	Cu,Ac	0	18	—	—
180	Gallabat																		

Upper Wind Observations on 2nd September — ارصاد الرياح العليا يوم ٢

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	Bikheila 07 h. 15 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 04 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	Malakal 06 h. 00 m. Dir. E of N.	Kms. per hour	Salum 15 h. 13 h. 00 m. Dir. E of N.	Kms. per hour	Almaza 15 h. 12 h. 00 m. Dir. E of N.	Kms. per hour
200	300	11	330	21	320	14	340	16	340	17	—	—	—	—	10	18	—	—	—	—	—	—	—	—	—	—	0	33	350	18
500	—	—	310	27	310	18	350	16	0	17	10	37	350	32	20	43	20	58	240	34	—	—	—	—	—	—	280	12	0	37
1000	330	24	320	29	340	19	310	12	290	10	340	54	10	54	0	43	—	—	220	72	190	31	250	29	310	5	290	21	0	38
1500	320	30			330	24			300	29			310	13	350	53	10	32	210	50	260	10	320	14	60	6	290	22	10	14
2000					320	11			280	48			300	17	340	18	320	13	310	32	350	14	90	18	50	18				
3000					260	16							260	40	230	11			340	39	10	24	50	43	70	35				
4000																					40	50			60	39				
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

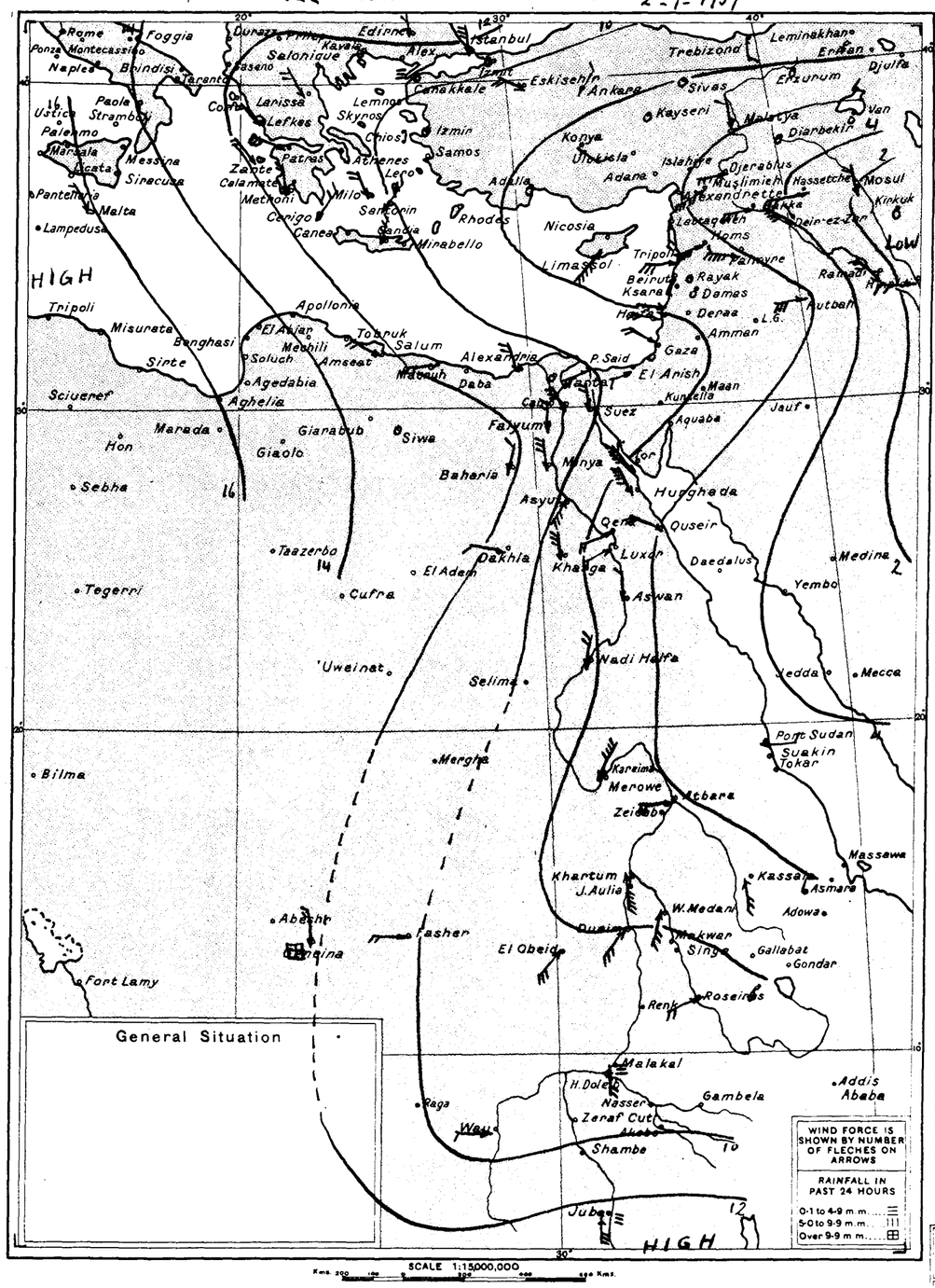
STATION	Mean of day: HUMIDITY % on 1st	Diff. from normal	WET BULB TEMP. °C on 1st	Diff. from normal	Previous day: Reading	Diff. from normal
Alexandria	80	+12	24.4	+2.5		
Ezbekiya	70	+6	24.1	+1.6		
Giza	69	+4	23.5	+1.3		
Helwan	54	0	21.6	+1.9		

Giza Grass minimum on 2nd 17.6 °C

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

DATE	1937	1936
2-9	9519	9705
1-9	9574	9557

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	1-9	13.87	+0.06	13.78	+0.02
Nāsser	1-9	10.24	+0.18	10.23	+0.17
Malakâl	2-9	12.10	+0.14	12.10	+0.15
Roseires	2-9	19.24	+0.14	19.40	+0.30
Sennār Res.	1-9	17.17	—	17.22	—
Khartūm	1-9	16.09	+0.41	16.19	+0.50
Kh. el Girba	1-9	14.80	+0.64	13.77	+0.45
'Atbara	2-9	15.54	+0.42	15.40	+0.26
Kajnarti	2-9	142.82	+1.06	142.83	+1.10
Wādi Halfa	2-9	8.39	+0.58	8.40	+0.61
Aswān Res.	2-9	97.67	—	97.70	—
,, D. S.	2-9	92.64	+0.52	92.63	+0.54
El Leisi	2-9	23.84	+1.33	23.78	+1.29
Rōda (Cairo)	2-9	19.87	+1.35	19.82	+1.32



STATION	At 8 h. on 1-9-1937 — الساعة ٨ يوم ١٩٣٧-٩-١ BAR. PRESSURE Reduced to M.S.L. m.b.	Diff. from normal m.b.	WIND Dir.	Force	TEMPERATURE Dry Bulb °C	Yesterday Maximum °C	Diff. from norm. °C	Today Minimum °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
Hurghada	1006.0	-2.0	NNW	4	30.4	35	+1	27	+3	66	+15	0	6	—	0	0	tr	1	الغردقة
Umassel	1007	-3	—	0	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1008.3	0.0	WSW	1	30.0	29	-2	23	+2	84	+16	0	—	—	—	0	365	648	حيفا
Gaza	1008.3	0.7	—	0	27.1	34	+4	21	+1	78	+7	0	9	—	0	0	595	376	غزة

Remarks

El Obeid & Juba Total Rainfall published on 31-8-37 & 1-9-1937 should read 422 & 867 instead of 442 & 876 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

ANNUAL SUBSCRIPTION

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

Abroad ..... P.T. 150

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

CAIRO
Time of sunrise 5h 33
sunset 18 13

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

Month September 1937 ١٩٣٧ شهر سبتمبر

DAILY WEATHER REPORT ١٩٣٧-٩-٣

At 14h. on 2nd — الساعة ١٤ يوم ٢ / At 8h. on Friday 3rd — الساعة ٨ يوم الجمعة ٣ سبتمبر

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.	
	MEDITERRANEAN																										
	SALÛM	1013.4	NNE	4	27.3	77	0	7	1014.7	+1.7	NNW	3	23.0	29	—	20	—	87	—	0	6	Cu	•	0	105	—	
	MATRÛH	1011.9	NW	5	27.4	68	0	6	1013.1	+0.6	N	3	25.9	28	0	25	+4	73	-4	2	6	Cu	1	0	182	158	
	DIKHEILA	1010.4	NW	4	28.1	56	2	—	1013.3	—	N	2	26.7	29	—	25	—	68		3	8	Cu	0	0	145	—	
	ALEXANDRIA	1011.0	NNW	4	29.6	62	1	9	—	—	N	1	26.3	31	0	25	+2	73	+3	2	8	Cu	2	0	167	190	
	DAMIETTA								1011.9	—	N	2	28.5	32	—	22	—	67	—	1	8	Ac	1	0	75	116	
	PORT SAÏD	1010.0	NNW	3	30.5	25	1	7	1011.9	+1.5	NNW	3	27.5	32	+1	24	+1	65	-6	1	7	Ac	1	0	38	82	
135	EL 'ARÎSH	1009.3	NNW	2	29.5	77	0	7							—		—							0	85	91	
	LOWER EGYPT																										
136	DAMANHÛR								1012.6	+1.1	NNW	2	27.0	32	-1	20	+1	66	-9	2	7	Cu	1	0	78	110	
137	MANSÛRA								1011.9	—	N	1	26.1	33	-1	20	0	71	-6	1	7	Cs	1	0	45	57	
138	TANTA	1009.9	N	1	32.0	49	1	7	1012.8	+0.6	NNW	1	24.0	33	-2	18	-2	67	-9	2	7	Cu	1	0	54	48	
	ZAGÂZÎG	1009.8	NNW	1	32.0	48	0	8	1012.7	—	NNW	1	27.3	32	-2	18	-1	72	-8	0	8	Cu	1	0	20	28	
	MIDDLE EGYPT																										
	CAIRO ALMÂZA	1010.3	W	3	31.8	49	0	8	1012.3	—	NNE	3	24.9	32	—	18	—	76	—	2	8	Cu	1	0	23	—	
	CAIRO EZBEKÎYA	1009.6	N	2	32.0	48	0	8	1011.9	+0.3	N	2	25.0	33	-1	21	+1	84	+7	0	6	Cu	0	0	18	34	
	CAIRO GÎZA	1009.5	N	2	30.7	48	0	7	1012.0	+0.3	NNE	2	24.3	31	-2	19	0	83	+3	2	6	Cu	0	0	16	31	
	HELWÂN	1009.4	NW	5	30.2	41	0	7	1011.9	+0.2	NNE	4	24.8	32	-1	21	0	70	+1	1	6	Cu	1	0	17	35	
	SUEZ	1009.3	N	2	32.3	36	0	7	1011.8	+1.0	NNW	2	25.0	34	-1	22	-1	72	-4	0	7	—	1	0	13	26	
	UPPER EGYPT																										
153	FAIYÛM	1009.8	NNW	3	32.1	38	0	7	1011.6	-0.4	NNE	4	25.0	33	-2	20	-1	74	+3	2	6	Cu	0	0	6	11	
154	MINYA	1009.5	NNW	4	34.4	36	0	7	1010.6	-0.3	NNW	3	24.7	35	+1	22	+2	70	-2	0	8	—	0	0	16	—	
155	ASYÛT	1009.1	WNW	5	33.1	34	0	8	1010.4	-0.2	NW	3	25.0	34	-1	22	0	67	+5	0	7	—	0	0	dr	6	
156	QENA	1005.9	NNW	2	40.0	22	0	8	1008.2	-0.5	WSW	2	28.0	40	+1	24	+1	57	+7	0	7	—	0	0	dr	—	
157	LUXOR	1005.9	NNW	3	37.8	27	0	8	—	—	—	0	29.7	39	—	22	—	52	—	0	8	—	0	0	dr	—	
158	ASWÂN	1004.6	N	3	39.3	17	0	8	1007.4	-1.1	N	1	28.3	40	-1	25	0	39	+4	0	8	—	0	0	1	—	
	WESTERN DESERT																										
148	SÎWA	1011.9	—	—	32.5	43	—	6	1015.2	+3.0	—	0	28.1	35	-1	21	+2	78	+16	0	6	—	0	0	29	7	
149	BAHARÎYA	1010.4	NNW	2	32.5	40	0	9	1013.0	—	N	2	24.0	34	—	20	—	81	—	1	9	Cu	1	0	26	—	
151	KHÂRGA	1008.3	N	2	37.6	20	0	9	1010.2	0.0	N	4	28.4	38	0	24	+3	50	+2	0	9	—	0	0	0	dr	
152	DÂKHLA	1010.0	NNW	3	35.5	30	0	7	1012.2	+1.0	NNW	2	27.7	36	-2	22	0	43	+4	0	8	—	0	0	dr	—	
	RED SEA																										
145	TÔR	1006.8	NW	6	32.5	58	0	5	1007.4	-0.3	NW	5	27.5	33	0	25	+2	84	+11	•	5	—	0	0	14	14	
146	HURGHÂDA								1009.6	+1.4	NNW	6	28.0	35	+1	24	0	73	+22	0	5	—	0	0	dr	1	
147	QUSEIR	1006.2	N	3	33.1	58	0	6	1008.2	+0.1	NNW	4	30.1	35	+1	28	+1	52	+6	0	6	—	0	0	1	7	
169	PORT SUDAN								1006.0	-2.2	W	1	36.7	—	—	29	+1	44	-2	1	—	—	0	0	43	122	
	NORTH SUDAN																										
165	WÂDI HALFA								1009.9	+0.1	NNE	3	28.6	39	-1	26	+3	42	+10	1	7	Ci	0	—	—	—	
166	KAREIMA								1008.3	-0.5	N	1	32.0	44	+2	27	+1	33	-3	2	8	Ci,Sc	0	0	8	37	
167	'ATBARA								1006.4	-1.9	SW	2	34.0	44	+4	27	+2	27	-10	0	—	—	0	0	76	76	
168	KHARTÛM								1007.5	-1.8	SSE	5	24.8	42	+4	22	-3	68	+5	4	8	Fn	9	1	115	136	
170	KASSALA								1007.6	-3.7	S	2	26.9	37	+2	22	-1	—	—	2	8	Cc,Ac	0	0	250	279	X
	CENTRAL SUDAN																										
171	WAD MEDANI								1007.5	-3.0	NNW	2	25.3	36	0	20	-1	66	-2	3	—	—	1	16	452	337	
173	DUEIM								1010.3	-0.5	NE	2	23.8	39	+4	22	0	80	+10	4	—	—	8	8	325	256	
	RENK																										
172	ROSEIRES								1009.3	-2.5	WNW	2	25.9	36	+3	21	0	70	-10	1	—	—	2	dr	775	639	
174	EL OBEID								1009.3	-2.4	SW	3	25.8	37	+3	23	+2	69	-4	4	8	Sc,As	1	0	422	278	
175	EL FÂSHER								—	—	SW	1	27.0	40	+6	24	+4	73	+6	0	—	—	0	0	214	298	
	S. SUDAN																										
176	MALAKÂL								1008.8	-3.5	SW	3	27.0	34	+2	23	+2	84	+2	3	8	Ci,Ac	1	0	674	743	
177	WÂU								1010.0	-1.3	W	2	25.0	36	+4	22	+2	84	+1	2	—	—	2	21	850	973	
178	JÛBA								1012.1	-0.4	SE	4	24.3	36	+4	20	0	83	-3	1	8	Ci	5	dr	867	791	
179	Geneina								—	—	SW	5	21.9	32	—	21	—	91	—	4	8	Fn,As,Cs	1	0	—	—	
180	Gallabat																										

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

Height metres above M.S.L.	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 07h.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	Geneina 07h.00m. Dir. E.of N.	Geneina Kms. per hour	Almaza 12h.00m. Dir. E.of N.	Almaza Kms. per hour	Juba 06h.00m. Dir. E.of N.	Juba Kms. per hour
200	20	19	—	—	—	—	—	—	—	—	—	—	—	—	320	15	—	—
500	10	50	20	27	90	55	—	—	—	—	250	18	—	—	320	10	—	—
1000	0	37	40	18	80	72	170	18	220	39	200	21	190	24	0	14	190	24
1500	340	40	130	5			190	16	240	21	170	24	0	60	330	12	0	10
2000	280	5	140	6			210	13	320	24	160	19	80	29	310	13	80	29
3000							230	18	40	42	120	14	70	53	250	8	70	53
4000									60	45	70	23			280	23		
5000																		
6000																		

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 2nd	Diff. from normal	Wet bulb temp. °C on 2nd	Diff. from normal
Alexandria	70	+2	22.9	+1.1
Ezbekiya	67	+3	23.6	+1.1
Gîza	71	+6	22.7	+0.6
Helwân	61	+7	21.2	+1.6

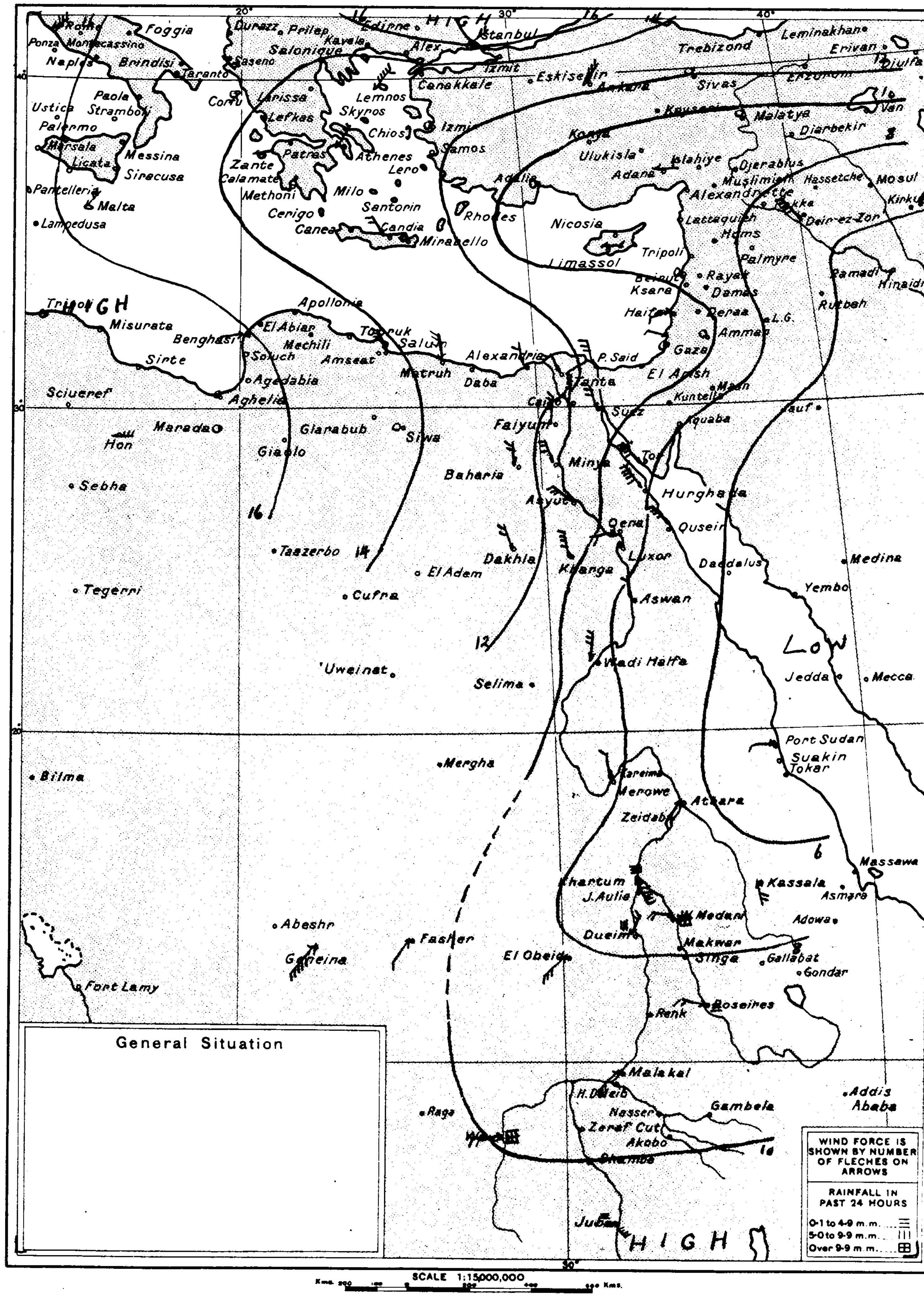
Gîza Grass minimum on 2nd 16.2 °C

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

Date	1937	1936
3.9	9483	9575
2.9	9519	9705

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	3.9	13.72	-0.10	13.78	-0.03
Nâsser	3.9	10.28	+0.17	10.26	+0.18
Malakâl	3.9	12.10	+0.13	12.10	+0.14
Roseires	3.9	18.63	-0.46	19.24	+0.14
Sennâr Res.	3.9	17.19	—	17.20	—
Khartûm	3.9	16.01	+0.33	16.02	+0.34
Kh. el Girba	3.9	13.86	-0.19	14.08	0.00
'Atbara	3.9	15.60	+0.50	15.54	+0.42
Kajnarti	3.9	142.75	+0.97	142.82	+1.06
Wâdi Halfa	3.9	8.36	+0.53	8.39	+0.58
Aswân Res.	3.9	97.65	—	97.67	—
,, D. S.	3.9	92.65	+0.52	92.64	+0.52
El Leisi	3.9	23.88	+1.35	23.84	+1.33
Rôda (Cairo)	3.9	19.96	+1.43	19.87	+1.35

Pressure and Wind at 8h. 3-9-1937



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 8h. on 2-9-1937 — الساعة ٨ يوم ٣-٩-١٩٣٧

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
Limassol	1007	-3	SW	4	27	—	—	—	—	—	—	0	—	—	—	—	—	—	—	ليماسول
Haifa	1009.4	+1.0	WNW	1	29.4	28	-3	25	+4	83	+15	2	—	—	—	0	365	648		حيفا
Gaza	1009.1	0.0	—	0	27.0	35	+5	21	+1	77	+6	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. 05 m. 34
sunset h. 18 m. 14

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *September* 1937 — ١٩٣٧ شهر سبتمبر — ١٩٣٧-٩-٤ Pressure and Wind at 8 h. *4-9-1937*

1417 F.C.

At 14h. on *3rd* — الساعة ١٤ يوم ٣

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN: SALŪM	1014.6	NNE	5	26.2	83	2	7
	MATRŪH	1013.6	NNW	3	27.8	66	2	6
	DIKHEILA							
	ALEXANDRIA	1011.2	N	4	29.1	59	2	9
159	DAMIETTA							
134	PORT SAÏD	1011.6	NNW	4	30.6	56	1	7
135	EL 'ARÎSH							
136	LOWER EGYPT: DAMANHŪR							
137	MANSŪRA							
	TANTA	1011.2	N	3	32.0	54	2	7
	ZAGĀZĪG	1011.1	NNW	2	31.7	45	0	8
	MIDDLE EGYPT: CAIRO — ALMĀZA	1011.5	NNE	3	31.9	50	0	8
	EZBEKĪYA	1010.3	N	2	32.5	45	0	8
	GĪZA	1010.4	NNW	3	31.4	49	0	7
143	HELWĀN	1009.8	N	5	32.7	28	0	6
144	SUEZ	1010.0	N	2	33.0	32	0	7
153	UPPER EGYPT: FAIYŪM	1009.9	NW	3	33.0	32	0	8
154	MINYA	1009.3	N	4	32.5	36	0	7
155	ASYŪT	1008.0	NSW	3	33.4	35	0	8
156	QENA	1006.8	W	2	36.7	22	0	8
157	LUXOR	1006.2	NSW	2	39.0	28	0	8
158	ASWĀN	1004.8	N	2	38.3	22	0	8
148	WESTERN DESERT: SÎWA	1012.7	—	0	33.7	43	0	6
149	BAHARĪYA	1011.0	NW	3	32.7	42	0	9
151	KHĀRGA	1008.8	N	2	36.8	24	0	9
152	DĀKHLA	1010.0	NNW	4	33.3	35	0	7
145	RED SEA: TŌR	1006.6	NW	5	30.0	—	0	5
146	HURGHĀDA							
147	QUSEIR	1006.8	N	3	32.7	53	0	6
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	Geneina							
180	Gallabat							

At 8h. on *Saturday 4th* — الساعة ٨ يوم السبت ٤

	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 fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN: SALŪM	1015.9	+2.8	NNW	3	23.0	27	—	20	—	86	—	0	7	—	0	0	105	—
	MATRŪH	1014.0	+1.4	NNW	2	25.6	28	0	22	+1	73	-4	3	6	Cu	2	0	182	158
	DIKHEILA	1013.9	—	NNE	3	26.4	28	—	25	—	70	—	3	—	—	1	0	145	—
	ALEXANDRIA	1013.5	+0.7	NE	3	26.0	31	0	24	+1	67	-3	3	8	Cu	2	0	167	190
159	DAMIETTA	1012.3	—	N	1	28.8	32	—	22	—	67	—	1	8	Cu	1	0	75	116
134	PORT SAÏD	1012.4	+1.9	NNW	2	28.0	32	+1	24	+1	61	-10	1	7	Ac	1	0	38	82
135	EL 'ARÎSH	1011.2		—	0	28.0	30	—	22	—	77	—	1	7	Cu	0	0	85	91
136	LOWER EGYPT: DAMANHŪR	1013.4	+1.8	NNE	2	27.0	32	-1	21	+2	68	-7	2	8	Cu	1	0	78	110
137	MANSŪRA	1012.3	—	N	2	26.6	33	-1	22	+2	71	-6	1	7	St	1	0	45	57
	TANTA	1013.1	+0.8	NNW	2	25.0	33	-2	18	-2	76	0	3	6	Cu	2	0	54	48
	ZAGĀZĪG	1013.3	—	NNW	1	26.4	32	-2	21	+2	72	-8	0	8	Cu	1	0	20	28
	MIDDLE EGYPT: CAIRO — ALMĀZA	1013.0	—	NNE	3	24.8	33	—	18	—	69	—	3	7	Sc	2	0	23	—
	EZBEKĪYA	1012.4	+0.7	N	4	24.0	34	+1	21	+1	80	+3	2	6	Ac	2	0	18	34
	GĪZA	1012.6	+0.8	NNE	3	24.6	32	-1	19	0	77	-3	2	6	Cu	1	0	16	31
143	HELWĀN	1012.3	+0.5	N	4	24.8	33	0	22	+1	69	-9	2	6	Sc	1	0	17	35
144	SUEZ	1012.3	+1.4	N	3	25.9	34	-1	21	-2	63	-13	1	7	—	1	0	13	26
153	UPPER EGYPT: FAIYŪM	1012.2	+0.1	NNE	4	25.0	34	-1	20	0	70	-2	1	6	Cu	1	0	6	11
154	MINYA	1011.4	+0.4	NNW	4	24.9	33	-1	21	+1	68	-4	0	6	Ac	0	0	16	—
155	ASYŪT	1011.1	+0.4	NNW	3	24.0	34	-1	23	+1	72	+10	0	7	—	0	0	dr.	5
156	QENA	1008.2	-0.6	W	2	27.7	38	-1	24	+1	51	0	0	8	—	0	0	dr.	—
157	LUXOR	1008.0		ESE	1	29.3	39	—	22	—	56	—	0	8	—	0	0	dr.	—
158	ASWĀN	1008.4	-0.6	—	0	28.6	41	+1	25	0	37	+2	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	—	—	—	0	26.1	35	-1	20	+1	79	+17	0	6	—	0	0	29	7
149	BAHARĪYA	1013.8	—	N	2	24.0	34	—	20	—	82	—	1	9	Cu	1	0	26	—
151	KHĀRGA	1010.0	-0.3	N	3	27.6	37	-1	24	+3	58	+9	0	9	—	0	0	0	dr.
152	DĀKHLA	1012.7	+1.4	NNW	1	26.9	35	-3	23	+1	47	+8	0	8	—	0	0	dr.	—
145	RED SEA: TŌR	1007.4	-0.4	NW	4	27.5	31	-2	25	+2	84	+11	0	5	—	0	0	14	14
146	HURGHĀDA	1008.2	-0.1	NNW	5	28.2	33	-1	26	+2	73	+21	0	5	—	0	0	dr.	1
147	QUSEIR	1008.2	0.0	NW	3	30.2	34	0	27	0	56	+10	0	6	—	0	0	1	7
169	PORT SUDAN	1005.9	-1.4	SE	1	35.3	—	—	29	+1	44	-2	1	—	—	0	0	43	122
165	NORTH SUDAN: WĀDI HALFA	1010.8	+0.9	N	3	26.4	37	-3	23	0	40	+6	3	8	Cu	0	—	—	—
166	KAREIMA	1008.3	-0.5	NNE	3	32.1	42	0	27	+1	38	+3	3	8	Ci	0	0	8	31
167	'ATBARA	1007.9	-0.4	SW	2	33.0	43	+2	27	+2	31	-5	0	—	—	0	0	76	77
168	KHARTŪM	1009.5	+0.2	SSW	3	28.5	39	+1	25	0	57	-3	2	8	Ci, Ac	0	0	115	136
170	KASSALA	1010.6	-0.7	SE	3	26.1	35	0	22	-1	—	—	0	8	Ac	9	dr.	250	281
171	CENTRAL SUDAN: WAD MEDANI	1010.2	-0.3	WSW	1	24.8	31	-5	22	0	82	+14	3	—	—	1	0	452	339
173	DUEIM	1011.2	+0.5	SE	3	26.0	32	-3	23	+1	75	+6	3	—	—	5	1	326	268
	RENK																		
172	ROSEIRES	1011.6	-0.1	SSW	2	21.2	33	0	20	-1	93	+13	6	—	—	6	16	791	644
174	EL OBEID	1011.2	-0.5	SW	3	24.4	27	-7	21	0	83	+11	4	8	Ci, Ac	1	21	443	280
175	EL FĀSHER	—	—	SW	1	26.5	40	+6	21	+1	49	-14	0	—	—	0	0	214	299
176	S. SUDAN: MALAKĀL	1010.4	-1.9	NNE	3	24.5	33	+1	22	+1	84	+2	3	8	Ci, Ac	2	2	676	748
177	WĀU	1010.7	-0.6	W	1	24.5	35	+3	21	+1	82	-1	2	—	—	1	2	852	978
178	JŪBA	1013.1	+0.6	NE	3	25.1	36	+4	21	+1	84	-1	4	8	Cu, Sc	5	dr.	867	795
179	Geneina	—	—	—	0	20.6	30	—	20	—	91	—	8	0	—	4	0	—	—
180	Gallabat																		

Upper Wind Observations on *4-9-37* — ارصاد الرياح العليا يوم ٤-٩-٣٧

Height above M.S.L. metres	Salum 07h. 00m. Dir. E. of N.	Salum Kms. per hour	Matruh 07h. 00m. Dir. E. of N.	Matruh Kms. per hour	Cairo 08h. 15m. Dir. E. of N.	Cairo Kms. per hour	Helwan 08h. 45m. 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	Wadi Halfa 06h. 00m. Dir. E. of N.	Wadi Halfa Kms. per hour	Kareima 06h. 00m. Dir. E. of N.	Kareima Kms. per hour	Khartum 05h. 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	Juba 06h. 00m. Dir. E. of N.	Juba Kms. per hour	Almaza 10h. 30m. Dir. E. of N.	Almaza Kms. per hour	Ismailia 07h. 00m. Dir. E. of N.	Ismailia Kms. per hour
200	300	17	344	13	30	41	10	26	—	—	—	—	350	14	—	—	—	—	—	—	—	—	—	—	—	—	20	18	10	18
500	—	—	330	19	30	37	40	10	340	33	10	31	10	47	0	48	180	21	—	—	—	—	40	16	—	—	20	6	10	19
1000	330	23	Ext. Cu		10	35	40	21	340	28	330	18	340	42	340	18	260	21	200	21	250	21	330	6	50	29	30	16	10	16
1500	310	43			30	32	70	11	0	1	210	21	310	8	280	14	310	21	220	19	220	6	310	8	90	60	30	18		
2000	280	11					120	14			180	30	170	24	70	14	320	13	220	14	100	11	300	6	80	43	90	7		
3000							100	20			190	33	180	29									220	18	110	31	350	4		
4000							150	13			200	24											230	6	160	53	310	8		
5000							160	13															100	10						
6000																														

Forecast for 24 hours from noon on ...

تغيرات الطقس المنظرة فى ٢٤ ساعة مرظهر

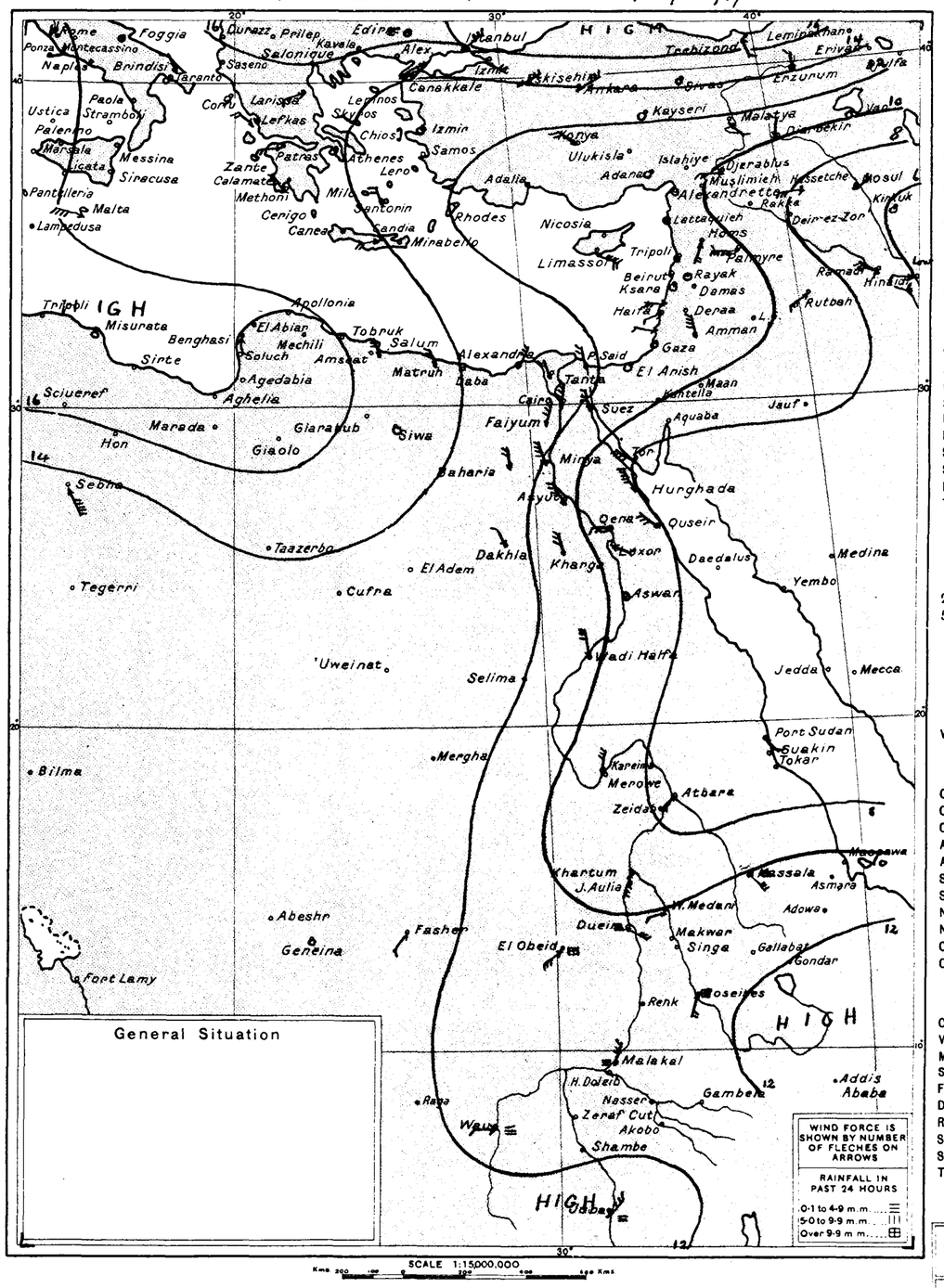
STATION	Mean of day: Humidity % on 3rd	Diff. from normal	Wet Bulb Temp. °C on 3rd	Diff. from normal
Alexandria	71	+3	22.9	+1.1
Ezbekiya	69	+5	23.1	+0.7
Giza	71	+6	22.7	+0.6
Helwān	57	+3	20.8	+1.3

Giza Grass minimum on 4th 17.4 °C

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

DATE	1937	1936
4-9	9373	9318
3-9	9483	9575

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	3-9	13.72	-0.10	13.78	-0.03
Nāsser	3-9	10.28	+0.17	10.26	+0.18
Malakāl	4-9	12.11	+0.13	12.10	+0.13
Roseires	4-9	18.56	-0.62	18.63	-0.46
Sennār Res.	3-9	17.19	—	17.20	—
Khartūm	3-9	16.01	+0.33	16.02	+0.34
Kh. el Girba	3-9	13.86	-0.19	14.08	0.00
'Atbara	3-9	15.60	+0.50	15.54	+0.47
Kajnarti	4-9	142.68	+0.91	142.75	+0.97
Wādi Halfa	4-9	8.34	+0.52	8.36	+0.53
Aswān Res.	4-9	97.59	—	97.65	—
" D.S.	4-9	92.63	+0.48	92.65	+0.52
El Leisi	4-9	23.90	+1.32	23.88	+1.35
Rōda (Cairo)	4-9	19.96	+1.42	19.96	+1.43



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 *3-9-37* — الساعة ٨ يوم ٣-٩-٣٧

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	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	1009	-1	E	1	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.0	+2.6	WSW	1	27.6	28	-3	24	+3	80	+12	1	—	—	—	0	365	648	حيفا
Gaza	1010.7	+1.5	—	0	27.2	34	+4	21	+1	62	-9	1	7	—	1	0	395	376	غزة

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CAIRO

Time of sunrise 05 h. 34 m.
sunset 18 h. 13 m.

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

DAILY WEATHER REPORT

Month September 1937 ١٩٣٧ شهر سبتمبر

١٩٣٧-٩-٥ Pressure and Wind at 8 h. 5-9-1937

	STATION	At 14 h. on 4th الساعة ١٤ يوم ٤ Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
	SALŪM	1016.2	NNE	4	26.1	85	2	8
	MATRŪH	1014.3	NNW	4	27.2	69	2	6
	DIKHEILA	1013.6	N	5	27.3	79	3	—
132	ALEXANDRIA	1013.3	NNE	5	29.2	60	3	9
159	DAMIETTA							
134	PORT SAÏD	1008.8	NW	3	30.6	54	1	7
135	EL 'ARÎSH	1010.6	NNE	2	28.8	85	0	7
	EGYPT							
136	DAMANHŪR							
137	MANSŪRA							
	ṬANTA	1011.9	NNW	3	31.0	59	3	7
	ZAGÂZĪG	1011.4	NNW	1	31.4	53	0	8
	MIDDLE EGYPT — CAIRO — ALMÂZA	1009.4	NNW	4	31.4	53	0	8
	EZBEKĪYA	1010.4	NNW	2	33.0	45	0	8
	GÎZA	1010.6	NNW	3	31.8	51	0	8
143	HELWÂN	1010.0	N	4	32.4	34	0	6
144	SUEZ	1010.3	N	3	33.0	32	0	7
153	UPPER EGYPT — FAIYŪM	1010.3	NNE	4	32.6	38	0	7
154	MINYA	1009.5	N	3	32.5	37	0	7
155	ASYŪṬ	1008.8	NNW	3	32.0	37	0	8
156	QENA	1007.0	W	1	37.2	25	0	9
157	LUXOR	1006.3	SW	1	37.8	29	0	8
158	ASWÂN	1005.5	—	0	39.1	24	0	8
148	WESTERN DESERT — SĪWA	1013.3	—	0	34.7	39	0	6
149	BAḤARĪYA	1011.4	N	2	32.0	43	0	9
151	KHARGA	1009.1	N	4	34.6	30	0	9
152	DĀKHLA	1010.2	NNW	4	34.2	30	0	7
145	RED SEA — ṬŌR	1006.7	NW	5	29.8	85	0	5
146	HURGHĀDA							
147	QUSEIR	1007.6	N	2	32.8	61	0	6
169	PORT SUDAN							
165	NORTH SUDAN — WĀDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARṬŪM							
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	Geneina							
180	Gallabat							

	STATION	At 8 h. on Sunday 5th الساعة ٨ يوم الأحد ٥ 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																		
	SALŪM	1015.5	+2.3	NNW	3	23.2	27	—	19	—	84	—	2	6	Cc	1	0	105	—
	MATRŪH	1013.6	+0.8	NNW	3	25.8	28	0	25	+4	73	-4	2	6	Cu	1	0	182	158
	DIKHEILA	1013.8	—	N	5	26.4	28	—	25	—	69	—	2	—	—	0	0	145	—
132	ALEXANDRIA	1013.0	+0.1	NE	3	25.8	30	-1	24	+1	68	-2	2	8	Cu	2	0	167	190
159	DAMIETTA	1011.9	—	NNE	1	27.5	32	—	23	—	75	—	2	8	Cu	1	0	75	116
134	PORT SAÏD	1011.9	+1.3	NNE	3	28.0	32	+1	25	+2	66	-5	1	7	Ac	1	0	38	82
135	EL 'ARÎSH	1011.0	—	NNE	1	29.0	30	—	26	—	79	—	2	7	Cu	1	0	85	91
	EGYPT																		
136	DAMANHŪR																		
137	MANSŪRA	1011.9	—	N	2	26.0	33	-1	22	+2	68	-9	0	7	Ac	1	0	45	57
	ṬANTA	1012.6	+0.2	—	0	26.0	32	-3	19	-1	76	0	0	7	—	0	0	54	48
	ZAGÂZĪG	1012.6	—	NNW	2	26.8	31	-3	20	+1	70	-10	0	8	Cu	1	0	20	28
	MIDDLE EGYPT — CAIRO — ALMÂZA	1012.8	—	N	3	24.6	32	—	18	—	77	—	2	8	Sc	2	0	23	—
	EZBEKĪYA	1011.9	+0.1	N	2	25.8	34	+1	21	+1	62	+5	1	6	Sc	1	0	18	34
	GÎZA	1011.9	-0.1	NNW	3	25.1	32	-1	20	+1	77	-3	2	7	Cu	1	0	16	31
143	HELWÂN	1011.6	-0.4	N	5	24.5	33	0	21	0	72	+3	3	6	Cu	1	0	17	35
144	SUEZ	1011.9	+0.9	NW	2	26.4	34	-1	23	0	68	-8	2	7	—	1	0	13	26
153	UPPER EGYPT — FAIYŪM	1011.6	-0.6	NNE	3	25.2	33	-2	21	+1	67	-5	3	6	Cu	0	0	6	11
154	MINYA	1010.6	-0.5	N	4	25.0	33	-1	22	+2	68	-5	1	6	Sc	1	0	16	—
155	ASYŪṬ	1010.4	-0.4	NNW	4	23.8	35	0	22	0	75	+13	1	6	Cu	1	0	dr.	5
156	QENA	1008.4	-0.4	NSW	3	27.2	39	0	24	+2	61	+10	0	8	—	0	0	dr.	—
157	LUXOR	1007.2	—	—	0	29.9	41	—	23	—	55	—	0	8	—	0	0	dr.	—
158	ASWÂN	1007.4	-1.7	N	5	30.0	42	+2	27	+3	43	+8	0	8	—	0	0	1	
148	WESTERN DESERT — SĪWA	1014.6	+2.2	—	0	25.1	36	0	20	+1	64	+2	0	6	—	0	0	29	7
149	BAḤARĪYA	1013.4	—	N	2	23.8	34	—	19	—	79	—	1	9	Cu	1	0	26	—
151	KHARGA	1010.0	-0.4	N	4	26.2	36	-2	23	+2	66	+17	0	9	—	0	0	0	dr.
152	DĀKHLA	1012.6	+1.2	NNW	3	24.1	35	-3	22	0	65	+26	0	7	—	0	0	dr.	—
145	RED SEA — ṬŌR	1007.1	-0.8	NW	5	27.5	31	-2	25	+2	88	+15	0	5	—	0	0	14	14
146	HURGHĀDA	1008.4	-0.1	NNW	5	28.5	32	-2	26	+2	72	+20	0	5	—	0	0	dr.	1
147	QUSEIR	1007.6	-0.7	NNW	3	29.8	34	0	27	0	63	+17	0	6	—	0	0	1	7
169	PORT SUDAN	1005.6	-1.8	SW	1	37.0	—	—	28	0	32	-14	1	—	—	0	0	43	122
165	NORTH SUDAN — WĀDI HALFA	—	—	N	3	28.0	38	-1	25	+2	39	+7	1	8	Cs, Ac	0	—	—	—
166	KAREIMA	1007.2	-1.6	N	4	32.0	42	0	28	+2	38	+3	2	7	Cc, Ac	1	0	8	31
167	'ATBARA	1008.2	-0.1	SW	2	32.0	43	+3	28	+2	33	-2	0	—	—	0	0	76	77
168	KHARṬŪM	1008.4	-0.9	SSE	3	29.0	38	0	25	0	64	+3	2	8	Cu, Ac	0	0	115	136
170	KASSALA	1008.3	-3.0	SE	2	29.2	35	0	23	0	—	—	0	8	Ac	0	0	250	283
171	CENTRAL SUDAN — WAD MEDANI	1009.5	-1.2	S	2	27.0	32	-4	21	-1	69	+1	0	—	—	0	0	452	341
173	DUEIM	1009.3	-1.4	E	3	28.2	34	-1	25	+3	77	+8	0	—	—	0	0	326	259
	RENK																		
172	ROSEIRES	1009.8	-1.9	SSW	2	24.4	27	-6	21	+1	87	+7	1	—	—	1	2	793	649
174	EL OBEID	1010.4	-1.3	SW	2	26.8	32	-2	23	+2	69	-3	2	8	Cc, Ac	1	0	443	283
175	EL FĀSHER	—	—	SW	1	26.5	37	+2	21	+1	66	0	1	—	—	0	0	214	299
176	S. SUDAN — MALAKĀL	1010.0	-2.2	ESE	1	26.0	33	+1	23	+2	92	+10	4	8	Ac	1	0	676	753
177	WĀU	1010.8	-0.4	N	1	25.2	35	+3	21	+1	78	-5	1	—	—	2	9	861	983
178	JŪBA	1012.8	+0.3	SE	3	25.4	35	+3	21	+1	84	-1	4	9	Cu, Sc	1	0	867	799
179	Geneina	—	—	S	3	21.3	33	—	20	—	91	—	4	8	Sc	2	0	—	—
180	Gallabat																		

Upper Wind Observations on 5-9-37 ارصاد الرياح العليا يوم ٥-٩-٣٧

Height above M.S.L. metres	Salum 07h.00m. Dir. E of N	Kms. per hour	Mersa Matruh 07h.00m. Dir. E of N.	Kms. per hour	Cairo 08h.15m. Dir. E of N.	Kms. per hour	Helwan 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	Wadi Halfa 06h.00m. Dir. E of N.	Kms. per hour	Kareima 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	El Obeid 06h.00m. Dir. E of N.	Kms. per hour	Malakal 06h.00m. Dir. E of N.	Kms. per hour	Jubba 06h.00m. Dir. E of N.	Kms. per hour	Geneina 07h.00m. Dir. E of N.	Kms. per hour	Almaza 11h.45m. Dir. E of N.	Kms. per hour
200	30	15	340	31	10	14	30	41	—	—	—	—	350	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	24
500	—	—	350	29	30	27	30	37	350	29	0	42	10	34	0	31	180	34	—	—	—	—	50	13	—	—	—	—	20	40
1000	10	17	350	23	30	31	10	30	320	58	0	20	340	34	20	31	220	43	180	24	230	16	310	2	340	74	260	24	30	12
1500			Ext. Cu				Ext. Cu				350	7	330	8	350	18	230	14	330	13	220	11	300	10	20	109	260	24	100	14
2000											240	2	190	3	30	11	10	18	0	18	40	18	280	8	50	37	210	10	60	20
3000											150	14	160	3			50	34	0	8	50	31	0	2	80	52	80	37		
4000																							290	13	50	26	80	56		
5000																											70	50		
6000																														

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

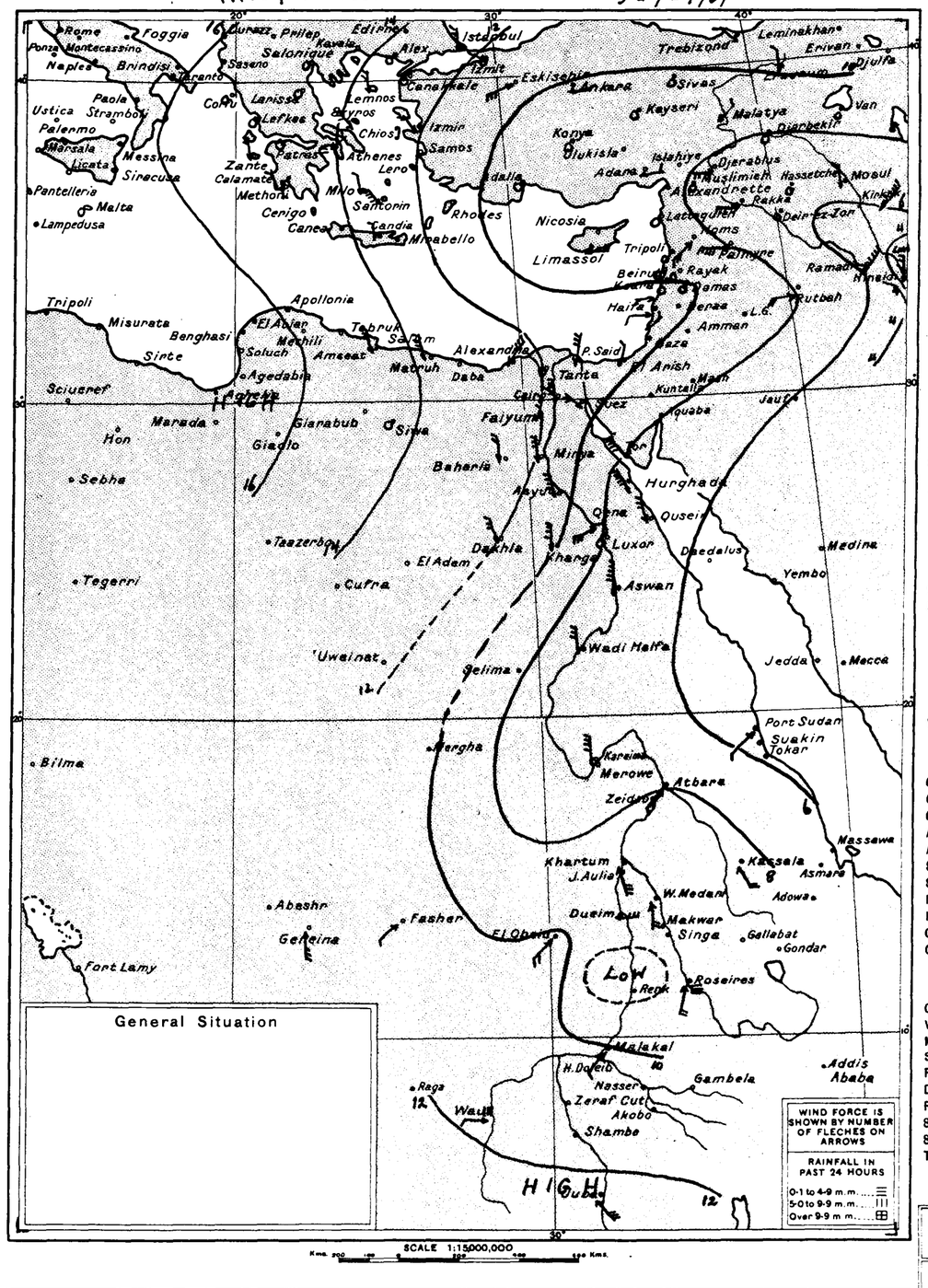
STATION	Mean of day Humidity % on 4th	Diff. from normal	Wet Bulb Temp. °C on 4th	Diff. from normal
Alexandria	72	+4	22.4	+0.7
Ezbekiya	70	+6	23.4	+1.0
Giza	69	+4	22.8	+0.8
Helwân	58	+4	20.7	+1.3

Giza Grass minimum on 5th 18.5 °C

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

DATE	1937	1936
5-9	9261	9148
4-9	9375	9318

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jūba	5-9	18.64	-0.18	18.71	-0.11
Nāsser	4-9	10.20	+0.08	10.28	+0.17
Malakāl	5-9	12.12	+0.13	12.11	+0.13
Roseires	5-9	19.13	+0.07	18.56	-0.52
Sennār Res.	4-9	17.20	—	17.19	—
Khartūm	4-9	16.01	+0.33	16.01	+0.33
Kh. el Girba	4-9	13.68	-0.34	13.86	-0.19
'Atbara	4-9	15.47	+0.38	15.60	+0.50
Kajnarti	5-9	142.64	+0.78	142.88	+0.91
Wādi Halfa	5-9	8.26	+0.43	8.34	+0.52
Aswân Res.	5-9	97.53	—	97.59	—
,, D.S.	5-9	92.58	+0.42	92.63	+0.48
El Leisi	5-9	23.90	+1.28	23.90	+1.32
Rōda (Cairo)	5-9	19.93	+1.07	19.96	+1.42



STATION	At 8 h. on 4-9-1937 الساعة ٨ يوم ٤-٩-١٩٣٧ 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.	مصر
Limassol	1011	+1	SE	1	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.8	+3.2	WSW	1	29.2	30	-1	24	+3	89	+21	0	—	—	—	0	365	648	حيفا
Gaza	1011.1	+1.8	—	0	27.4	34	+4	20	0	62	-9	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

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

CAIRO
Time of sunrise h. m. 05 35
sunset h. m. 18 12

Month *September* 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 5th — الساعة ١٤ يوم ٥
At 8h. on Monday 6th — الساعة ٨ يوم الاثنين 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	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	1015.8	NNE	4	26.1	64	0	7	1017.1	+3.8	NW	3	23.0	26	—	20	—	79	—	0	6	Cu	0	0	105	—
		MATRÛH	1014.4	NNW	4	27.2	67	2	6	1015.5	+2.6	W	2	24.9	27	-1	21	0	80	+3	0	6	—	0	0	182	158
		DIKHEILA	1013.5	NNW	6	27.2	69	1	—	1015.2	—	NNW	5	26.3	28	—	25	—	74	—	1	—	—	—	0	145	—
132		ALEXANDRIA	1012.7	NE	5	29.5	67	2	9	1014.8	+1.8	N	3	25.6	31	+1	24	+1	73	+4	0	9	—	0	0	167	190
159		DAMIETTA								1013.3	—	NNW	1	28.1	32	—	23	—	70	—	2	8	Cu	1	0	75	116
134		PORT SAÏD	1011.4	NNW	3	31.4	56	1	7	1013.4	+2.7	NW	2	27.8	32	+1	24	+1	63	-8	1	7	Cu	1	0	38	82
135		EL 'ARÎSH	1010.3	NNW	2	30.0	76	1	7	1013.0	—	NNW	1	29.0	30	—	26	—	72	—	0	7	Cu	1	0	85	91
136	LOWER EGYPT	DAMANHÛR								1014.4	+2.5	NW	1	26.8	—	—	—	—	71	-5	2	8	Cu	0	0	78	110
		…NSÛRA								1013.9	—	NE	1	25.2	33	-1	20	0	75	-2	0	8	—	0	0	45	67
		…NTA	1011.2	NNW	2	31.5	54	0	7	1014.6	+2.1	NNW	1	26.0	32	-3	19	-1	80	+4	3	6	Cu	2	0	54	48
		…GÂZÎG	1011.2	NNW	1	31.8	46	0	8	1014.6	—	NNW	1	25.9	32	-2	19	0	78	-2	0	8	Cu	1	0	20	28
	MIDDLE EGYPT (CAIRO)	ALMÂZA	1011.5	NNW	4	31.6	52	0	8	1014.6	—	N	3	24.1	32	—	17	—	76	—	1	8	Cu	1	0	23	—
		EZBEKÎYA	1010.2	NNW	2	32.5	50	0	8	1014.0	+2.1	N	3	25.4	33	0	21	+1	80	+3	0	6	Cu	1	0	18	34
		GÎZA	1010.7	NNE	3	30.9	51	0	8	1014.2	+2.0	NNE	2	24.8	32	-1	19	+1	79	-1	1	6	Cu	1	0	16	31
143		HELWÂN	1009.8	NNW	5	31.8	37	0	7	1014.0	+1.9	N	6	24.2	32	-1	21	+1	72	+3	2	6	Cu	0	0	17	35
144		SUEZ	1010.3	NNW	2	33.0	38	0	7	1013.9	+2.8	NW	2	26.2	34	-1	23	0	70	-6	3	7	—	2	0	13	26
153	UPPER EGYPT	FAIYÛM	1009.9	NNW	4	32.2	37	0	7	1014.2	+1.9	NNE	4	24.8	33	-2	20	0	69	-3	1	6	Cu	0	0	6	11
154		MINYA	1009.5	N	4	32.7	40	0	7	1012.8	+1.6	NNW	3	24.5	33	0	22	+2	73	0	0	8	Cu	1	0	16	—
155		ASYÛT	1008.4	NSW	3	34.2	35	0	8	1012.7	+1.8	NNW	3	24.0	35	+1	22	0	67	+5	0	7	—	0	0	dr.	5
156		QENA	1006.6	W	2	37.5	33	0	9	1009.6	+0.6	W	2	27.7	38	-1	25	+3	60	+9	0	8	—	0	0	dr.	—
157		LUXOR	1005.9	SW	1	40.5	35	0	8	1009.0	—	—	0	31.1	42	—	23	—	51	—	0	8	—	0	0	dr.	—
158		ASWÂN	1005.6	—	0	40.6	11	0	8	1009.0	-0.2	N	1	30.9	42	+2	25	+1	44	+9	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1013.4	—	0	34.6	35	0	6	1016.7	+4.3	—	0	26.1	36	0	20	+1	76	+14	0	6	—	0	0	29	7
149		BAHARÎYA	1011.0	NNE	1	33.0	46	0	9		—					—				—							—
151		KHÂRGA	1008.6	N	2	35.2	27	0	9	1011.5	+1.0	N	5	25.4	36	-2	24	+3	70	+21	0	9	—	0	0	0	dr.
152		DÂKHLA	1009.9	NNE	2	34.0	31	0	8	1013.0	+1.5	—	0	28.5	36	-2	23	+1	41	+2	0	9	—	0	0	dr.	—
145	RED SEA	TÔR	1006.7	NW	5	29.5	85	0	5	1008.6	+0.6	NW	6	27.5	31	-2	25	+2	84	+11	0	5	—	0	0	14	14
146		HURGHÂDA								1009.8	+1.2	NNW	6	28.1	33	-1	25	+1	71	+19	0	5	—	0	0	dr.	1
147		QUSEIR	1006.7	NNE	2	33.3	64	0	6	1008.4	0.0	NNW	2	30.0	35	+2	27	+1	59	+12	0	6	—	0	0	1	7
169		PORT SUDAN								1006.3	-1.1	NE	1	34.0	—	—	27	-1	61	+15	1	—	—	0	0	43	122
165	NORTH SUDAN	WÂDI HALFA								1010.3	+0.2	N	4	28.6	39	0	26	+3	48	+16	0	8	Ac	0	—	—	— X
166		KAREIMA								1008.5	-0.4	S	4	32.2	44	+2	30	+4	49	+15	—	4	—	4	0	8	32
167		'ATBARA								1009.3	+1.0	S	2	32.0	42	+1	25	-1	36	+2	0	—	—	0	0	76	77
168		KHARTÛM								1009.5	+0.2	S	6	26.9	39	+1	24	-1	63	+3	4	6	Ac	1	0	115	137
170		KASSALA								1010.2	-1.1	SSE	3	26.6	38	+3	21	-2	—	—	0	8	Ac	0	10	260	285
171	CENTRAL SUDAN	WAD MEDANI								1012.7	+2.2	SSW	3	23.7	36	0	21	-1	82	+14	3	—	—	8	1	453	343
173		DUEIM								1011.6	+0.9	E	4	25.0	37	+1	23	+1	88	+19	4	—	—	8	tr.	326	261
182		RENK									—					—		—		—							
172		ROSEIRES								1011.0	-0.7	NSW	2	25.3	34	+1	21	+1	79	-1	1	—	—	2	dr.	793	654
174		EL OBEID								1011.2	-0.5	SSW	3	25.3	35	+1	22	+1	84	+13	3	8	Cs,Ac	1	0	443	286
175		EL FÂSHER								—	—	NW	2	24.5	37	+2	21	+1	72	+6	0	—	—	0	0	214	300
176	S. SUDAN	MALAKÂL								1011.1	-1.1	NW	2	25.5	34	+2	22	+1	84	+2	2	8	Ac	1	3	679	758
177		WÂU								1013.0	+1.8	NW	3	22.3	34	+2	21	+1	88	+5	4	—	—	1	2	863	988
178		JÛBA								1014.7	+2.3	SE	3	24.0	35	+3	20	0	83	-2	4	8	Cu,Sc	5	dr.	867	802
179 180		Geneina Gallabat								—	—	NE	3	19.4	33	—	17	—	100	—	3	8	Sc	1	46	—	—

Upper Wind Observations on 6-9-37 — ارصاد الرياح العليا يوم ٦-٩-٣٧

Height metres above M.S.L.	Salum 07h00m Dir. E.of N.	Salum Kms. per hour	Matruh 07h00m Dir.	Matruh Kms.	Cairo 08h15m 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 06h00m Dir.	Kareima Kms.	Khartum 05h00m Dir.	Khartum Kms.	Kassala 07h00m Dir.	Kassala Kms.	El Obeid 06h00m Dir.	El Obeid Kms.	Malakal 06h00m Dir.	Malakal Kms.	Juba 06h00m Dir.	Juba Kms.	Geneina 07h00m Dir.	Geneina Kms.	Almaza 5th 11h30m Dir.	Almaza Kms.
200	30	15	320	10	30	17	10	14	—	—	—	—	340	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	19
500	10	18	320	10	20	18	30	18	350	33	0	53	10	23	170	27	120	53	—	—	—	—	290	21	—	—	—	—	20	12
1000	350	25	350	19	Ent. Cu.		0	43	350	46	350	26	0	24			160	56	190	47	270	50	310	16	60	8	60	21	40	24
1500	310	35					0	38	340	33	340	20	10	13			180	24	180	24	250	32	310	14	100	45	100	8	20	18
2000	320	47					0	24			340	20	10	14			220	31	220	18	10	27	320	13	110	58	70	21	20	12
3000											190	12							120	23	50	27	340	14			70	34	190	12
4000											170	39											250	6			90	43	210	11
5000																														
6000																														

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day: Humidity % on 5th	Diff. from normal	Wet Bulb Temp. °C on 5th	Diff. from normal
Alexandria	67	-1	22.2	+0.6
Ezbekiya	71	+7	23.5	+1.2
Gîza	69	+3	22.7	+0.7
Helwân	62	+8	21.3	+1.9

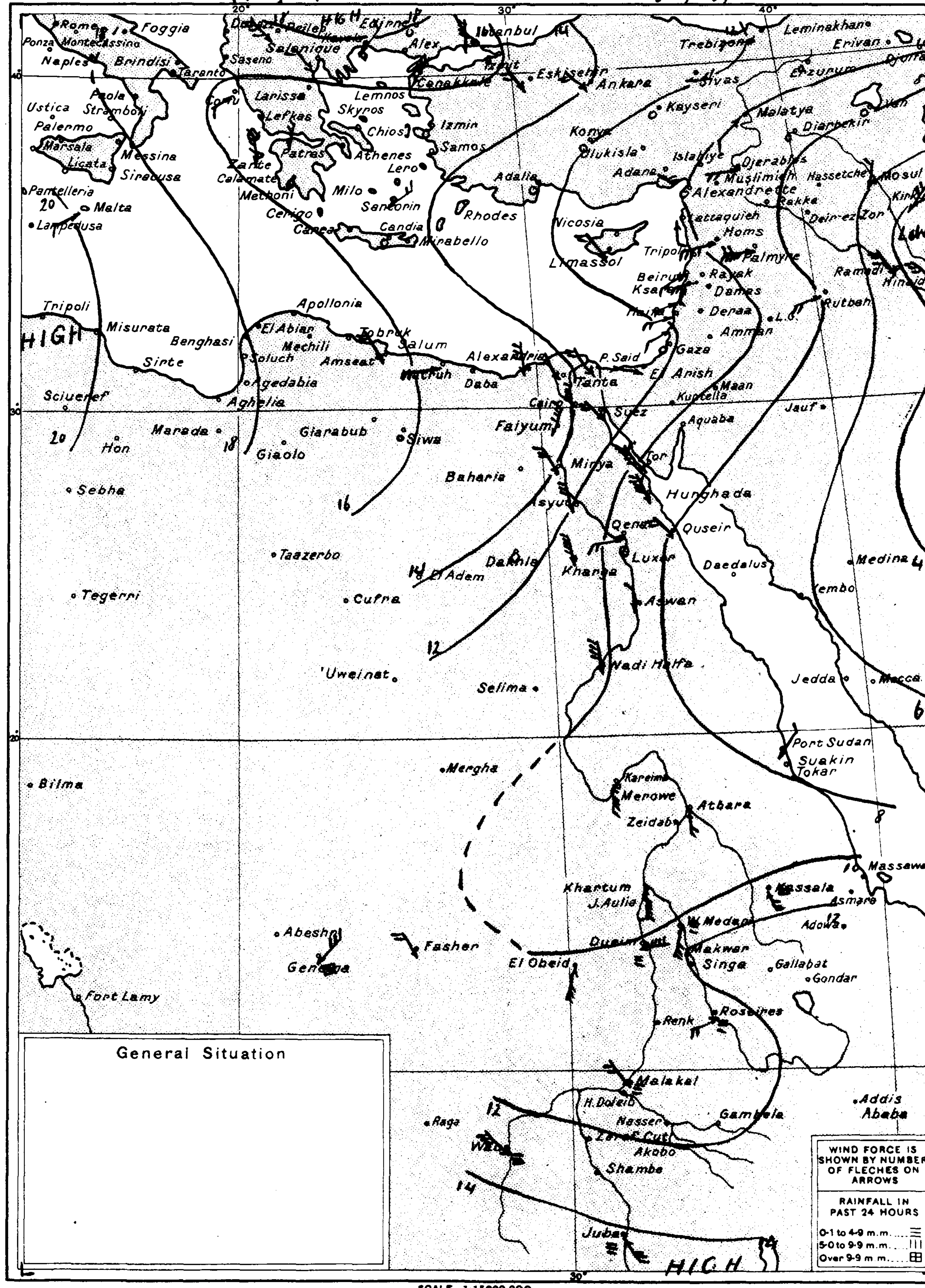
Gîza Grass minimum on 6th 17.6 °C

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

DATE	1937	1936
6-9	9257	9184
5-9	9261	9148

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-9	13.64	-0.18	13.71	-0.11
Nâsser	5-9	10.30	+0.16	10.20	+0.08
Malakâl	6-9	12.13	+0.13	12.12	+0.13
Roseires	6-9	18.68	-0.35	19.13	+0.07
Sennâr Res.*	5-9	17.19	—	17.20	—
Khartûm	6-9	15.96	+0.29	16.01	+0.33
Kh. el Girba	5-9	14.00	0.00	13.68	-0.34
'Atbara	5-9	15.36	+0.28	15.47	+0.38
Kajnarti	6-9	142.62	+0.78	142.64	+0.78
Wâdi Halfa	6-9	8.20	+0.40	8.26	+0.45
Aswân Res.	6-9	97.42	—	97.63	—
,, D. S.	6-9	92.34	+0.38	92.58	+0.42
El Leisi	6-9	23.90	+1.26	23.90	+1.28
Rôda (Cairo)	6-9	19.93	+1.32	19.93	+1.37

Pressure and Wind at 8 h. 6-9-37 ٦-٩-٣٧



General Situation

At 8 h. on 5-9-37 — الساعة ٨ يوم ٥-٩-٣٧

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.	مرصد
Limassol	1009	-1	E	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.1	+2.3	N	1	22.8	31	0	25	+4	89	+21	2	—	—	—	0	365	648	حيفا
Gaza	1011.0	+1.6	S	1	27.6	33	+3	20	0	65	-6	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

* Sennar Reservoir River Gauge Reading for 1.7.37 published on 2 & 3.7.37 should read 7.17 instead of 7.07 m.

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

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

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

DAILY WEATHER REPORT

CAIRO

Time of sunrise 5h 35m
sunset 18h 11m

Month September 1937 — ١٩٣٧ شهر سبتمبر

١٩٣٧-٩-٧ Pressure and Wind at 8 h. 7-9-1937

At 14h. on 6th — الساعة ١٤ يوم ٦

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
	SALŪM	1017.2	NE	4	26.8	66	0	8
	MATRŪH	1015.4	NW	4	27.4	73	0	6
-132	DIKHEILA	1014.8	NNW	4	27.5	73	2	—
159	ALEXANDRIA	1014.6	N	5	28.5	65	2	9
134	PORT SAÏD	1013.0	NNW	3	30.4	55	0	7
135	EL 'ARÎSH	1012.4	NNW	2	29.0	80	0	7
	LOWER EGYPT							
136	DAMANHŪR							
137	MANSŪRA							
	TANTA	1013.5	NW	3	31.0	53	0	7
	ZAGĀZĪG	1013.3	NNW	2	31.4	46	0	8
	MIDDLE EGYPT — CAIRO: ALMĀZA	1013.5	NW	4	32.0	39	0	8
	EZBEKÎYA	1012.6	N	2	32.5	46	0	8
	GĪZA	[illegible]	NNW	4	31.3	50	0	7
143	HELWĀN	1012.2	NNW	5	31.4	39	0	7
	SUEZ	1012.3	NW	3	33.0	32	0	7
	UPPER EGYPT							
153	FAIYŪM	1012.6	N	5	32.8	35	0	8
154	MINYA	1011.5	N	4	32.6	38	0	6
155	ASYŪT	1010.2	NNW	4	34.0	25	0	8
156	QENA							
157	LUXOR	1007.2	SSE	1	40.5	33	0	8
158	ASWĀN	1007.5	—	0	40.7	24	0	8
	WESTERN DESERT							
148	SĪWA	1014.0	—	0	36.5	34	0	6
149	BAHARĪYA							
151	KHĀRGA	1009.0	N	5	36.6	26	0	9
152	DĀKHLA	1010.6	NNW	4	35.5	30	0	7
	RED SEA							
145	TŌR	1006.7	NW	6	30.0	62	0	5
146	HURGHĀDA							
147	QUSEIR	1008.6	N	2	31.9	59	0	6
169	PORT SUDAN							
	NORTH SUDAN							
165	WĀDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTŪM							
170	KASSALA							
	CENTRAL SUDAN							
171	WAD MEDANI							
173	DUEIM							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FĀSHER							
	S. SUDAN							
176	MALAKĀL							
177	WĀU							
178	JŪBA							
179	Gonzina							
180	Gallabat							

At 8h. on Tuesday 7th — الساعة ٨ يوم الثلاثاء ٧

	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																		
	SALŪM	1017.0	+3.6	NNW	4	24.1	27	—	20	—	78	—	2	6	Cc	0	0	105	—
	MATRŪH	1015.1	+2.1	N	2	25.1	27	-1	21	0	84	+7	2	6	Cu	1	0	182	158
	DIKHEILA	1014.5	—	NW	4	26.4	28	—	25	—	73		2	—	—	—	0	145	—
	ALEXANDRIA	1014.4	+1.3	NNW	3	25.8	30	0	24	+1	76	+7	3	9	Cu	2	0	167	190
	PORT SAÏD	1012.8	—	NNW	2	27.5	31	—	21	—	74	—	1	8	Ac	1	0	75	116
	EL 'ARÎSH	1013.4	+2.5	WSW	3	26.5	32	+1	24	+1	73	+2	0	7	—	0	0	38	82
		1013.1	—	WSW	2	27.9	30	—	23	—	75	—	0	7	—	0	0	85	91
	LOWER EGYPT																		
	DAMANHŪR	1014.6	+2.6	WNW	2	27.7	31	-2	20	+1	71	-5	1	8	Cu	0	0	78	110
	MANSŪRA	1013.5	—	NW	1	25.1	32	-2	20	0	79	+2	0	8	—	0	0	45	57
	TANTA	1014.3	+1.7	—	0	26.0	32	-2	18	-2	80	+4	0	7	—	0	0	54	48
	ZAGĀZĪG	1014.4	—	NSW	1	25.3	31	-3	18	-1	81	+1	0	8	Cu	1	0	20	28
	MIDDLE EGYPT — CAIRO: ALMĀZA	1014.8	—	NE	1	25.1	33	—	18	—	77	—	3	7	Sc	1	0	23	
	EZBEKÎYA	1014.6	+2.6	NNE	1	24.8	33	0	21	+1	86	+9	4	6	Sc	2	0	18	34
	GĪZA	1014.4	+2.1	N	1	24.1	32	-1	18	0	86	+6	4	5	Sc	1	0	16	31
143	HELWĀN	1014.3	+2.1	N	3	24.3	32	-1	21	+1	78	+9	2	6	Cu	1	0	17	35
	SUEZ	1014.3	+3.1	N	1	25.9	34	-1	22	-1	72	-5	2	6	—	1	0	13	26
	UPPER EGYPT																		
153	FAIYŪM	1014.7	+2.3	N	2	24.2	34	0	19	-1	76	+4	1	6	Cu	0	0	6	11
154	MINYA	1013.9	+2.6	NNE	3	25.3	33	0	22	+2	72	-1	0	7	—	0	0	16	—
155	ASYŪT	1013.5	+2.5	NW	3	24.5	36	+2	21	-1	63	0	0	7	—	0	0	dr.	5
156	QENA	1010.4	+1.3	N	2	27.8	39	+1	24	+2	41	-10	0	8	—	0	0	dr.	—
157	LUXOR	1009.4	—	—	0	29.5	42	—	22	—	48	—	0	8	—	0	0	dr.	—
158	ASWĀN	1008.7	-0.5	N	—	31.5	42	+2	27	+3	31	-4	0	8	—	0	0	1	—
	WESTERN DESERT																		
148	SĪWA	1015.1	+2.6	—	0	27.0	38	+2	21	+2	64	+2	0	6	—	0	0	29	7
149	BAHARĪYA																		
151	KHĀRGA	1011.6	+1.1	N	5	28.7	38	0	25	+4	40	-10	0	9	—	0	0	0	dr.
152	DĀKHLA	1013.4	+1.8	NNW	3	28.8	37	-1	26	+5	35	-5	0	7	—	0	0	dr.	—
	RED SEA																		
145	TŌR	1009.4	+1.3	NW	5	27.5	31	-1	24	+1	80	+7	0	6	—	0	0	14	14
146	HURGHĀDA	1010.3	+1.6	NNW	6	28.0	33	-1	22	-2	73	+21	0	5	—	0	0	dr.	1
147	QUSEIR	1009.5	+1.0	NW	4	29.9	33	0	27	+1	38	-9	0	6	—	0	0	1	7
169	PORT SUDAN	1006.6	-0.9	N	1	36.5	—	—	29	+1	33	-14	3	—	—	1	0	43	122
	NORTH SUDAN																		
165	WĀDI HALFA	1009.7	-0.4	NNE	3	27.8	40	+1	27	+4	40	+8	1	8	Ci,Ac	0	—	—	
166	KAREIMA	1008.4	-0.5	SSW	4	31.5	43	+1	28	+2	45	+12	2	8	Cs	0	dr.	8	32
167	'ATBARA	1009.0	+0.7	SW	2	32.0	40	-1	27	+1	33	0	0	—	—	0	0	76	77
168	KHARTŪM	1010.4	+1.1	SW	3	28.5	35	-4	25	0	58	-1	2	8	Ci,Ac	0	0	115	138
170	KASSALA	1010.2	-1.0	S	3	27.7	33	-2	24	+1	—	—	2	8	Ci,Ac	1	0	260	287
	CENTRAL SUDAN																		
171	WAD MEDANI	1010.4	0.0	S	2	27.4	34	-2	22	0	74	+7	2	—	—	0	0	453	346
173	DUEIM	1010.2	-0.4	S	3	27.2	29	-7	22	0	78	+9	2	—	—	1	0	326	263
182	RENK																		
172	ROSEIRES	1011.1	-0.5	WSW	2	23.3	34	+1	21	+1	82	+2	2	—	—	2	0	793	659
174	EL OBEID	1011.5	-0.2	S	2	24.0	29	-5	19	-2	75	+4	0	8	Ci	0	0	443	289
175	EL FĀSHER	—	—	SW	2	26.8	40	+5	21	+1	71	+6	0	—	—	0	0	214	301
	S. SUDAN																		
176	MALAKĀL	1011.8	-0.4	E	2	25.4	32	0	21	0	92	+10	2	8	Ci,Ac	1	6	685	763
177	WĀU	1011.4	+0.2	S	1	24.0	33	+1	21	+1	86	+3	1	—	—	0	0	863	994
178	JŪBA	1013.9	+1.5	SSW	4	24.3	35	+3	22	+2	83	-2	4	8	Sc	1	dr.	867	806
179	Gonzina	—	—	NW	2	20.9	31	—	19	—	91	—	0	8	Ci	0	0	—	—
180	Gallabat																		

Upper Wind Observations on 7-9-37 — ارصاد الرياح العليا يوم ٧-٩-٣٧

Height metres above M.S.L.	Matruh 07h.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	Wadi Halfa 06h.00m. Dir. E of N.	Kms. per hour	Kareima 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	El Obeid 06h.00m. Dir. E of N.	Kms. per hour	Malakal 06h.00m. Dir. E of N.	Kms. per hour	Jaba 06h.00m. Dir. E of N.	Kms. per hour	Gonzina 07h.00m. Dir. E of N.	Kms. per hour	Khartum 07h.00m. Dir. E of N.	Kms. per hour	Kassala 07h.00m. Dir. E of N.	Kms. per hour	Khartum 11h45m. Dir. E of N.	Kms. per hour
200	320	19	10	7	—	—	—	—	350	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	19	250	13	0	35
500	330	18	10	13	10	43	0	36	0	31	220	34	230	23	—	—	—	—	110	8	—	—	—	—	320	26	270	18	0	45
1000	330	32	340	34	350	57	10	37	30	34	270	19	190	18	210	27	210	14	140	10	270	35	330	13	320	35	270	18	30	28
2000			340	42	340	45	50	5	20	24	0	24	210	11	220	18	130	13	170	8	90	11	0	34			290	21	20	38
3000			340	50			210	2	60	14	70	16	120	6	60	6	80	14	160	11	180	14	80	46			Tail			
4000							130	5	80	18					10	23	100	34	130	14	90	24	80	56						
5000							250	7																						
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

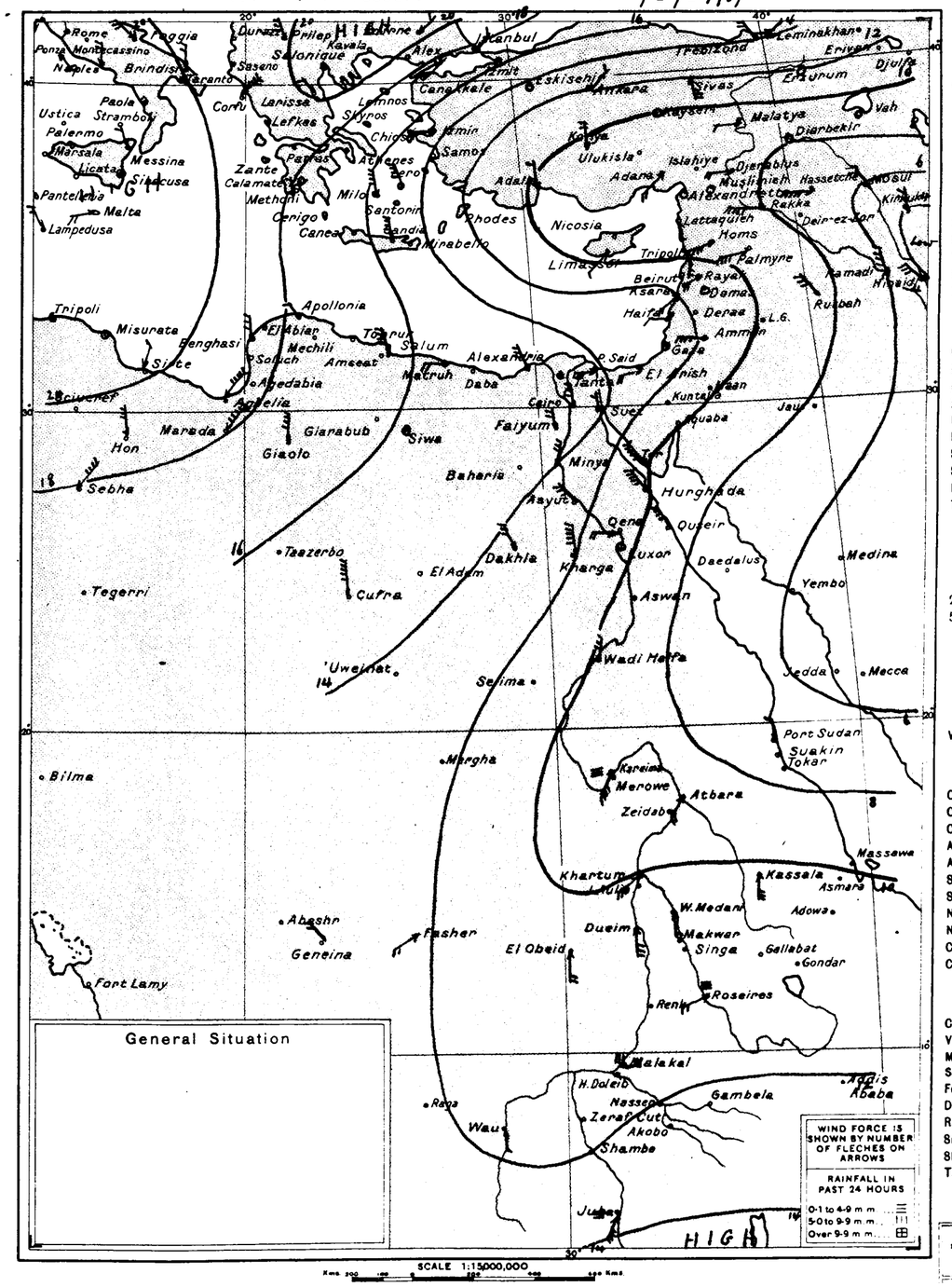
STATION	Mean of day Humidity % on 6th	Diff. from normal	Wet Bulb Temp. °C on 6th	Diff. from normal
Alexandria	71	+3	22.8	+1.0
Ezbekiya	64	0	22.5	+0.2
Giza	69	+3	22.2	+0.3
Helwān	54	0	20.5	+1.2

Giza Grass minimum on 7th 15.2 °C

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

DATE	1937	1936
7-9	8867	9280
6-9	9057	9184

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	6-9	13.64	-0.19	13.64	-0.18
Nāsser	6-9	10.32	+0.16	10.30	+0.16
Malakāl	7-9	12.14	+0.12	12.13	+0.13
Roseires	7-9	12.53	-0.46	12.68	-0.35
Sennār Res.	6-9	17.20	—	17.19	—
Khartūm	7-9	15.72	+0.05	15.87	+0.14
Kh. el Girba	6-9	13.97	+0.02	14.00	0.00
'Atbara	6-9	15.29	+0.32	15.36	+0.28
Kajnarti	7-9	142.64	+0.72	142.52	+0.78
Wādi Halfa	7-9	7.28	+0.49	8.20	+0.40
Aswān Res.	7-9	97.32	—	97.42	—
" D. S.	7-9	92.50	+0.35	92.54	+0.38
El Leisi	7-9	23.07	+1.22	23.70	+1.26
Rōda (Cairo)	7-9	19.93	+1.29	19.93	+1.32



STATION	At 8h. on 6-9-37 — الساعة ٨ يوم ٦-٩-٣٧ 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 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	NW	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.0	+3.1	W	1	28.9	32	+1	25	+4	91	+23	2	—	—	—	0	365	648	حيفا
Gaza	1011.9	+2.4	—	0	28.1	34	+4	22	+2	65	-5	2	6	—	1	0	395	276	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. 05 35
sunset h. m. 18 09

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *September* 1937 ١٩٣٧ شهر سبتمبر

No.	STATION	At 14h. on 7th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Wednesday 8th — 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	1016.3	NNE	4	25.9	72	3	8	1016.2	+2.6	NW	2	23.0	27	—	19	—	76	—	2	7	Sc	2	0	105	—
	MATRÛH	1015.0	NNW	3	27.4	75	0	6	1014.2	+1.1	W	2	24.4	27	-1	20	-1	77	0	2	6	Cu	1	0	182	158
	DIKHEILA																									
	ALEXANDRIA	1014.0	NNW	5	29.0	60	0	9	1013.9	+0.7	NW	2	25.8	30	0	24	+1	67	-2	2	9	Cu	0	0	167	190
159	DAMIETTA								1012.3	—	N	2	27.5	31	—	24	—	71	—	2	8	Cu	1	0	75	116
134	PORT SAÏD	1012.6	NW	3	30.9	57	0	7	1012.8	+1.7	NW	3	27.3	31	+1	25	+2	64	-6	1	7	Cu	1	0	38	82
135	EL 'ARÎSH	1012.4	NNW	3	29.2	83	0	7	1012.0	—	WSW	1	28.0	30	—	23	—	63	—	0	7	—	0	0	85	91
	LOWER EGYPT																									
136	DAMANHÛR								1013.9	+1.8	SW	1	27.2	31	-1	20	+1	69	-7	3	7	Cu	1	0	78	110
137	MANSÛRA								1013.0	—	SSW	2	25.2	33	-1	20	0	74	-3	1	7	As	1	0	45	57 X
138	TANTA	1013.1	NW	5	31.0	53	0	7	1013.6	+0.9	NW	1	25.5	32	-2	18	-2	80	+4	2	7	Cu	0	0	54	48
[illegible]9	ZAGÂZÎG	1012.8	NW	2	32.3	46	1	8	1013.9	—	WNW	1	25.8	32	-2	18	0	76	-4	1	8	Cu	1	0	20	28
	MIDDLE EGYPT																									
[illegible]	CAIRO ALMÂZA	1013.5	NNW	4	31.5	47	0	8	1014.3	—	NNW	2	24.9	32	—	18	—	74	—	1	8	Cu	1	0	23	—
	CAIRO EZBEKÎYA	1012.7	NNE	2	32.5	48	0	8	1013.8	+1.7	NNW	1	25.8	34	+1	21	+1	80	+3	1	6	Cu	1	0	18	34
	CAIRO GÎZA	1012.6	NNW	3	31.7	54	0	7	1013.8	+1.4	NNW	1	24.1	32	-1	18	0	84	+4	2	6	Cu	1	0	16	31
143	HELWÂN	1012.2	NNW	5	31.3	38	0	6	1013.8	+1.5	WNW	2	24.0	32	-1	21	+1	78	+9	3	5	Cu	2	0	17	35
144	SUEZ	1011.9	N	2	33.6	32	0	7	1013.8	+2.5	NE	2	24.9	34	-1	22	-1	73	-4	1	7	—	1	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1012.7	NNW	5	33.0	34	0	8	1014.2	+1.7	N	3	24.7	34	0	20	0	73	+1	0	6	Cu	0	0	6	11
154	MINYA	1012.2	NNW	2	33.2	39	0	8	1013.4	+2.0	N	2	25.2	34	+1	20	0	71	-2	0	9	—	0	0	16	—
155	ASYÛT	1011.2	NNW	4	34.0	27	0	8	1013.0	+1.9	WNW	3	26.5	35	+1	22	0	54	-9	0	7	—	0	0	dr.	5
156	QENA	1007.6	WNW	3	41.6	13	0	9	1010.6	+1.4	WSW	1	30.2	43	+5	24	+2	43	-9	0	8	—	0	0	dr.	—
157	LUXOR	1007.4	NNW	4	39.7	23	0	8	1009.9	—	NNW	2	31.3	40	—	23	—	37	—	0	8	—	0	0	dr.	—
158	ASWÂN	1007.1	N	6	42.2	16	0	8	1011.8	+2.5	N	3	31.1	43	+3	27	+3	44	+9	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1014.3	—	0	36.7	43	0	6	1016.6	+4.0	—	0	25.3	39	+3	21	+2	75	+13	0	6	—	0	0	29	7
149	BAHARÎYA																									
151	KHÂRGA	1010.0	N	5	37.2	21	0	9	1011.8	+1.2	N	3	29.1	38	0	28?	+7	42	-8	0	9	—	0	0	0	dr.
152	DÂKHLA	1010.7	NNE	7	38.0	13	7	3	1013.3	+1.7	—	0	29.2	39	+1	25	+4	36	-4	0	9	—	0	0	dr.	—
	RED SEA																									
145	TÔR	1007.2	NW	7	29.5	82	7	3	1009.3	+1.0	NW	6	26.9	33	+1	25	+2	85	+12	0	6	—	0	0	14	14
146	HURGHÂDA								1010.8	+2.0	NNW	5	29.2	35	+1	24	0	63	+11	0	6	—	0	0	dr.	1
147	QUSEIR	1008.4	N	4	32.6	47	0	6	1009.9	+1.3	N	3	29.7	34	+1	26	0	54	+7	0	6	—	0	0	1	7
169	PORT SUDAN								1006.6	-1.0	NE	1	34.0	—	—	28	0	52	+5	3	—	—	1	0	43	122
	NORTH SUDAN																									
165	WÂDI HALFA								1009.6	-0.6	NNE	3	28.8	41	+2	26	+4	41	+9	0	7	—	0	—	—	—
166	KAREIMA								1007.5	-1.4	NW	1	32.3	43	+1	27	+1	28	-4	3	7	Ci	1	0	8	32
167	'ATBARA																									
168	KHARTÛM								1009.0	-0.3	SSE	5	30.0	39	0	28	+3	59	+1	4	6	Ac	1	0	115	138
170	KASSALA								1010.2	-1.0	SSE	3	26.0	35	0	21	-2	—	—	1	8	Ac	0	0	260	289
	CENTRAL SUDAN																									
171	WAD MEDANI								1008.7	-1.7	SW	3	28.5	35	-1	23	+1	55	-12	3	—	—	8	1	454	348
173	DUEIM								1009.9	-0.7	S	3	27.0	34	-2	25	+3	71	+3	4	—	—	2	0	326	264
	RENK																									
172	ROSEIRES								1011.6	0.0	WSW	2	21.7	34	+1	20	0	88	+8	2	—	—	2	dr.	793	664
174	EL OBEID								1010.7	-1.0	S	4	26.0	34	0	22	+1	76	+5	3	8	Ci/Ac	0	0	443	292
175	EL FÂSHER								—	—	SW	2	27.5	40	+5	24	+4	70	+6	0	—	—	0	0	214	302
	S. SUDAN																									
176	MALAKÂL								1011.4	-0.7	E	2	25.8	33	+1	24	+3	84	+2	4	8	Fn.	2	dr.	685	768
177	WÂU								1011.2	0.0	SW	1	25.8	34	+2	22	+2	78	-5	1	—	—	0	0	863	999
178	JÛBA								1013.1	+0.7	ESE	4	25.0	35	+3	21	+1	76	-9	2	9	Sc	5	dr.	867	809
179	Geneina								—	—	NE	3	21.3	33	—	19	—	91	—	1	8	Sc	0	0	—	—
180	Gallabat																									

At 14h. on 7th الساعة ١٤ يوم ٧ — At 8h. on Wednesday 8th الساعة ٨ يوم الأربعاء ٨

Upper Wind Observations on 8-9-37 ارصاد الرياح العليا يوم ٨ - ٩ - ٣٧

Height metres above M.S.L.	Salum 07h.00m. Dir. E.of N.	Kms. per hour	Matruh 07h.00m. Dir.	Kms.	Cairo 08h.15m. Dir.	Kms.	Helwan 09h.30m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	Wadi Halfa 06h.00m. Dir.	Kms.	Kareima 06h00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Kassala 07h00m. Dir.	Kms.	El Obeid 07h.00m. Dir.	Kms.	Malakal 06h00m. Dir.	Kms.	Juba 06h00m. Dir.	Kms.	Geneina 07h00m. Dir.	Kms.	Ismailia 07h00m. Dir.	Kms.
200	300	14	320	13	30	17	320	26	—	—	—	—	10	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	16
500	—	—	330	17	20	18	350	26	10	42	10	42	30	43	—	—	180	34	—	—	—	—	70	6	—	—	—	—	340	23
[illegible]	[illegible]0	18	330	24	Ent. Cu		50	14	330	54	0	68	30	63	190	14	210	50	190	37	180	39	100	6	300	95	120	14		
[illegible]	[illegible]30	35					340	18	340	54	10	39	30	27	60	14	180	19	240	26	130	19	110	10	290	35	180	26		
[illegible]	[illegible]20	37					Ent. Cu				320	9	30	29			150	5	30	31	90	35	100	11	90	5	150	39		
3000											310	18									70	56	90	21	150	32	120	40		
4000																							100	19	170	51				
5000																							70	21	290	51				
6000																									200	84				

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

STATION	Mean of day — Humidity % on 7th	Diff. from normal	Wet bulb temp. °C on 7th	Diff. from normal
Alexandria	71	+3	22.4	+1.0
Ezbekîya	68	+4	23.0	+0.8
Gîza	71	+5	22.6	+0.7
Helwân	58	+4	20.8	+1.5

Gîza Grass minimum on 8th 15.6 °C

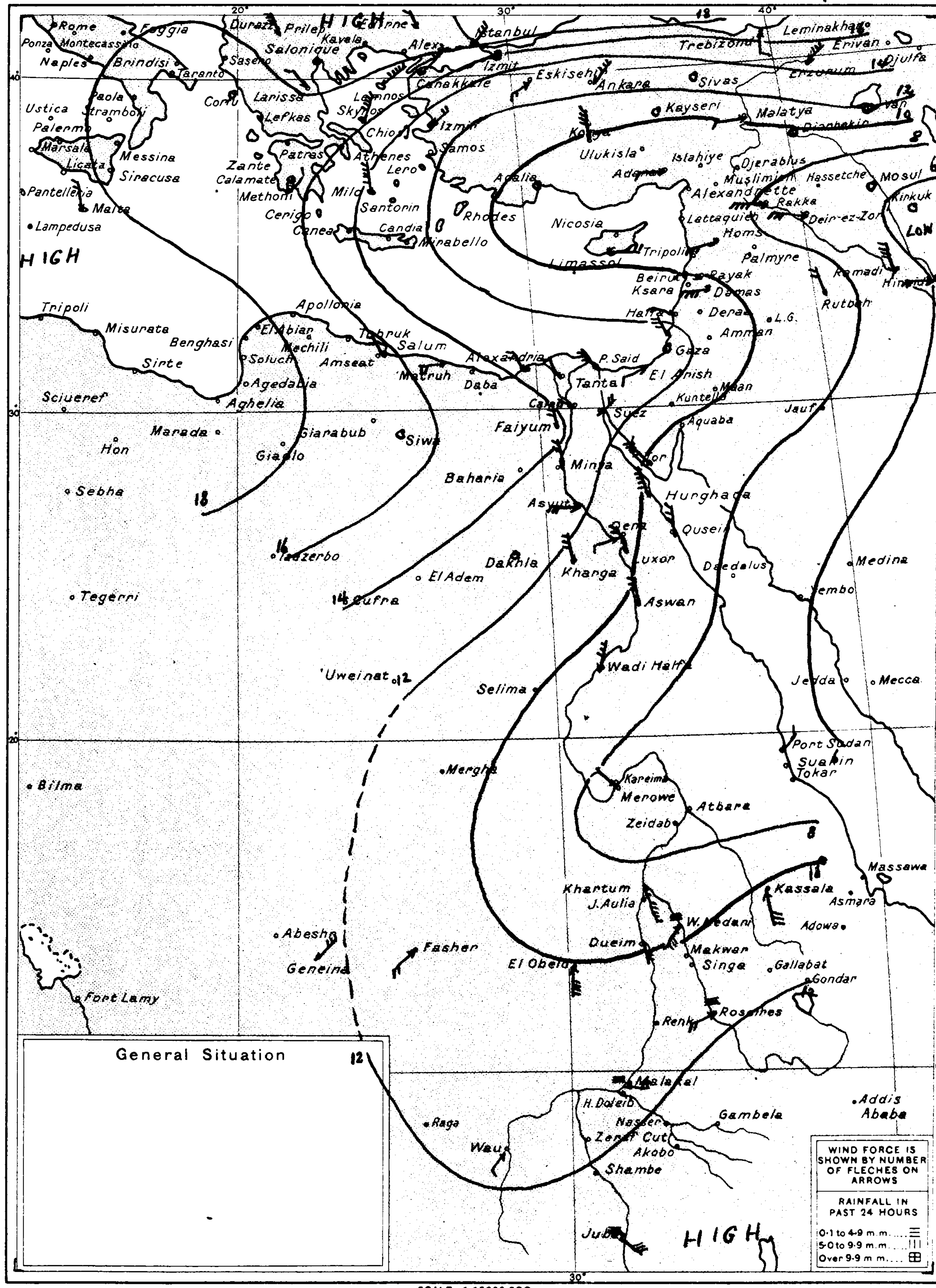
Discharges at Aswân measured by sluices m^3 per sec.

DATE	1937	1936
8-9	8982	9280
7-9	8867	9280

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	7-9	13.67	-0.16	13.64	-0.19
Nâsser	7-9	10.32	+0.14	10.32	+0.16
Malakâl	8-9	12.14	+0.11	12.14	+0.12
Roseires	8-9	18.85	-0.07	18.53	-0.46
Sennâr Res.	7-9	17.22	—	17.20	—
Khartûm	7-9	15.72	+0.05	15.81	+0.14
Kh. el Girba	7-9	14.04	+0.14	13.97	+0.02
'Atbara	7-9	15.29	+0.24	15.29	+0.22
Kajnarti	8-9	142.74	+1.04	142.64	+0.92
Wâdi Halfa	8-9	8.37	+0.59	8.28	+0.49
Aswân Res.	8-9	97.38	—	97.32	—
,, D. S.	8-9	92.53	+0.39	92.50	+0.35
El Leisi	8-9	23.86	+1.17	23.89	+1.22
Rôda (Cairo)	8-9	19.93	+1.26	19.93	+1.29

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

٨-٩-٣٧ Pressure and Wind at 8h. 8-9-37



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

At 8h. on 7-9-37 الساعة ٨ يوم ٧ - ٩ - 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 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	SW	1	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.8	+2.8	WNW	1	28.5	33	+2	26	+5	95	+28	2	—	—	—	0	365	648	حيفا
Gaza	1011.9	+2.3	—	0	27.5	35	+5	22	+2	66	-4	0	9	—	0	0	395	376	غزة

Remarks

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

CAIRO
Time of sunrise h. 05 m. 56
sunset h. 18 m. 08

Month *September* 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 8th — الساعة ١٤ يوم ٨ | At 8h. on Thursday 9th — الساعة ٨ يوم الخميس 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.	8h. Bar. 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.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
	SALÛM	1015.6	NNE	4	26.4	65	2	8	1015.9	+2.2	NW	3	23.0	29	—	18	—	74	—	0	6	—	0	0	105	
	MATRÛH	1014.2	NW	4	26.9	73	1	6	1014.2	+1.0	W	3	24.9	27	-1	20	0	72	-5	0	6	—	0	0	182	158
	DIKHEILA								1014.1	—	NW	3	26.4	29	—	25	—	63	—	2	—	—	—	0	145	
	ALEXANDRIA	1013.6	NW	4	30.5	55	2	9	1013.9	+0.6	—	0	25.6	31	+1	24	+2	66	-3	2	8	Cu	0	0	167	190
159	DAMIETTA								1013.3	—	SW	1	26.7	31		20		46		1	8	Cu	1	0	75	116
134	PORT SAÎD	1012.3	NW	4	29.9	56	0	7	1013.5	+2.3	NW	3	27.2	31	+1	24	+1	61	-9	1	7	Cu	1	0	38	82
135	EL 'ARÎSH	1011.5	NNW	3	29.0	64	0	7	1013.0	—	WNW	1	28.8	29	—	23	—	59	—	0	7	Cu	0	0	85	91
	LOWER EGYPT																									
136	DAMANHÛR								1014.3	+2.1	SW	2	26.2	31	-1	20	+1	65	-11	0	8	—	0	0	78	110
137	MANSÛRA								1013.6	—	N	1	25.0	32	-2	19	-1	72	-5	0	7	As	1	0	45	57 ✗
38	TANTA	1012.4	NW	4	31.0	56	2	7	1014.0	+1.2	—	0	26.0	32	-2	18	-2	76	0	0	7	—	0	0	54	48
9	ZAGÂZÎG	1012.4	WNW	2	31.8	46	1	8	1014.6	—	WNW	1	25.8	32	-2	18	0	73	-7	0	8	—	0	0	20	28
	MIDDLE EGYPT																									
41	CAIRO ALMÂZA	1012.8	WNW	2	31.0	46	0	8	1014.3	—	—	0	24.5	31	—	18	—	73	—	1	7	Sc	0	0	23	—
	CAIRO EZBEKÎYA	1012.2	NNW	1	31.8	48	0	8	1013.8	+1.6	—	0	24.8	33	0	20	0	79	+2	1	5	Sc	1	0	18	34
	CAIRO GÎZA	1012.3	NNW	2	30.9	50	0	8	1013.9	+1.4	N	1	23.6	32	0	18	0	83	+2	1	5	Sc	1	0	16	31
143	HELWÂN	1012.2	WNW	4	29.9	41	0	7	1014.0	+1.6	N	2	23.0	31	-2	20	0	78	+9	1	6	Cu	0	0	17	35
144	SUEZ	1012.0	NW	2	32.0	38	0	7	1013.6	+2.2	N	1	24.6	34	-1	22	0	66	-11	0	7	—	0	0	13	26
	UPPER EGYPT																									
	FAIYÛM	1012.4	NNW	3	31.3	37	0	8	1014.2	+1.6	NNE	2	25.0	34	0	19	-1	70	-2	0	6	Cu	0	0	6	11
4	MINYA	1012.0	NNE	3	32.8	38	0	8	1013.5	+2.0	N	2	25.1	33	0	20	0	69	-4	0	7	—	0	0	16	—
55	ASYÛT	1011.4	WSW	5	33.2	34	0	8	1013.3	+2.1	NW	3	26.0	34	0	21	-1	62	-1	0	7	—	0	0	dr	5
156	QENA	1008.4	WNW	1	39.3	20	0	9	1010.7	+1.4	WNW	1	28.7	40	+2	22	0	54	+2	0	8	—	0	0	dr	—
157	LUXOR	1008.2	WNW	3	37.2	32	0	8	1010.8	—	NNE	2	29.2	38	—	22	—	53	—	0	8	—	0	0	dr	—
158	ASWÂN	1007.5	N	3	38.6	28	0	8	1011.0	+1.6	N	5	29.7	40	0	24	0	41	+6	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1013.8	—	0	34.7	35	0	6	1016.4	+3.7	—	0	26.3	35	-1	21	+2	82	+20	0	6	—	0	0	29	7
149	BAHARÎYA																									
151	KHÂRGA	1010.6	N	4	37.4	24	0	9	1012.7	+2.0	N	3	28.8	38	0	23	+2	37	-13	0	9	—	0	0	0	dr
152	DÂKHLA	1011.8	NNW	3	36.5	19	0	8	1013.6	+1.8	NW	2	28.0	38	+1	25	+4	38	-2	0	8	—	0	0	dr	—
	RED SEA																									
145	TÔR	1007.6	NW	7	29.5	82	7	3	1009.4	+1.0	NW	5	27.5	32	0	25	+2	80	+7	0	6	—	0	0	14	14
146	HURGHÂDA								1010.6	+1.6	NNW	6	28.1	34	0	24	0	71	+19	0	5	—	0	0	dr	1
147	QUSEIR	1009.4	N	3	32.1	52	0	6	1010.0	+1.3	N	4	29.0	34	+1	27	+1	57	+10	0	6	—	0	0	1	7
169	PORT SUDAN								1007.4	-0.3	NW	1	35.7	—	—	29	+1	35	-12	2	—	—	1	0	43	122
	NORTH SUDAN																									
165	WÂDI HALFA								1011.9	+1.6	NNE	3	28.0	39	0	25	+3	41	+9	0	7	Cs	0	—	—	—
166	KAREIMA								1010.3	+1.3	S	4	32.0	45	+3	30	+4	33	+2	2	7	Ci,Ac	0	0	8	32
167	'ATBARA								1008.7	+0.4	W	2	32.0	43	+2	26	0	32	+1	0	—	—	0	0	76	78
168	KHARTÛM								1008.9	-0.3	SSW	2	26.3	38	-1	23	-2	69	+12	4	8	Ac	8	tr	115	139
170	KASSALA								1010.7	-0.5	S	1	25.8	37	+2	20	-3	—	—	2	8	Sc	1	3	263	290
	CENTRAL SUDAN																									
171	WAD MEDANI								1009.5	-0.9	WSW	2	24.1	36	0	21	-1	75	+8	3	7	—	8	1	455	350
173	DUEIM								1010.0	-0.6	SW	3	27.8	35	-1	24	+2	56	-12	3	—	—	1	0	326	266
	RENK																									
172	ROSEIRES								1011.0	-0.6	WNW	2	22.7	35	+2	21	+1	83	+3	4	—	—	8	14	807	670
174	EL OBEID								—	—	E	4	19.0	34	0	19	-2	100	+30	9	6	Sc	8	4	447	294
175	EL FÂSHER								—	—	NW	2	26.0	36	+1	20	0	73	+10	0	—	—	0	12	226	303
	S. SUDAN																									
176	MALAKÂL								1011.8	-0.3	ENE	2	24.9	32	0	23	+2	84	+2	4	8	Fn	2	dr	685	774
177	WÂU								1011.1	-0.1	W	1	23.0	35	+2	21	+1	91	+8	4	—	—	2	15	878	1004
178	JÛBA								1013.3	+0.9	N	3	24.1	36	+4	20	0	83	-1	4	8	Cs,Ac	5	dr	867	813
179	Geneina								—	—	NE	4	20.7	32	—	18	—	82	—	2	8	Sc	2	13	—	—
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.	Salum Kms.	Matruh 07h.00m. Dir.	Matruh 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 06h.00m. Dir.	Kareima Kms.	Khartum 06h.00m. Dir.	Khartum Kms.	Kassala 06h.00m. Dir.	Kassala Kms.	Malakal 06h.00m. Dir.	Malakal Kms.	Juba 06h.00m. Dir.	Juba Kms.	Geneina 07h.00m. Dir.	Geneina Kms.	Ismailia R.A.F. 07h.00m. Dir.	Ismailia Kms.	Almaza 8th 11h.15 Dir.	Almaza Kms.
200	300	16	300	16	40	4	40	14	—	—	—	—	30	13	—	—	—	—	—	—	—	—	—	—	—	—	350	14	330	14
500	—	—	310	12	40	12	20	14	10	37	350	45	20	50	50	23	130	26	—	—	20	8	—	—	—	—	0	18	0	30
1000	330	29	330	18	0	18	20	20	340	50	350	48	10	56	80	21	150	43	190	11	90	10	130	48	70	6	0	13	0	23
1500	320	49	330	26			330	24			350	54	10	58	60	37	200	8	280	26	130	11	120	55	100	24	320	16	350	40
2000							330	14			340	33	0	31	80	43	180	13	350	23	100	5	140	61	80	48	290	6	350	3
3000							260	30											20	31	100	5	150	39	80	76	240	18	ent. Cu	
4000							200	8													100	11					tail			
5000							240	22													90	14								
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

STATION	Mean of day Humidity % 8th	Diff. from normal	Wet Bulb Temp. °C 8th	Diff. from normal
Alexandria	65	-3	22.3	+0.9
Ezbekiya	68	+4	22.9	+0.7
Gîza	69	+3	22.3	+0.4
Helwân	62	+8	21.1	+1.8

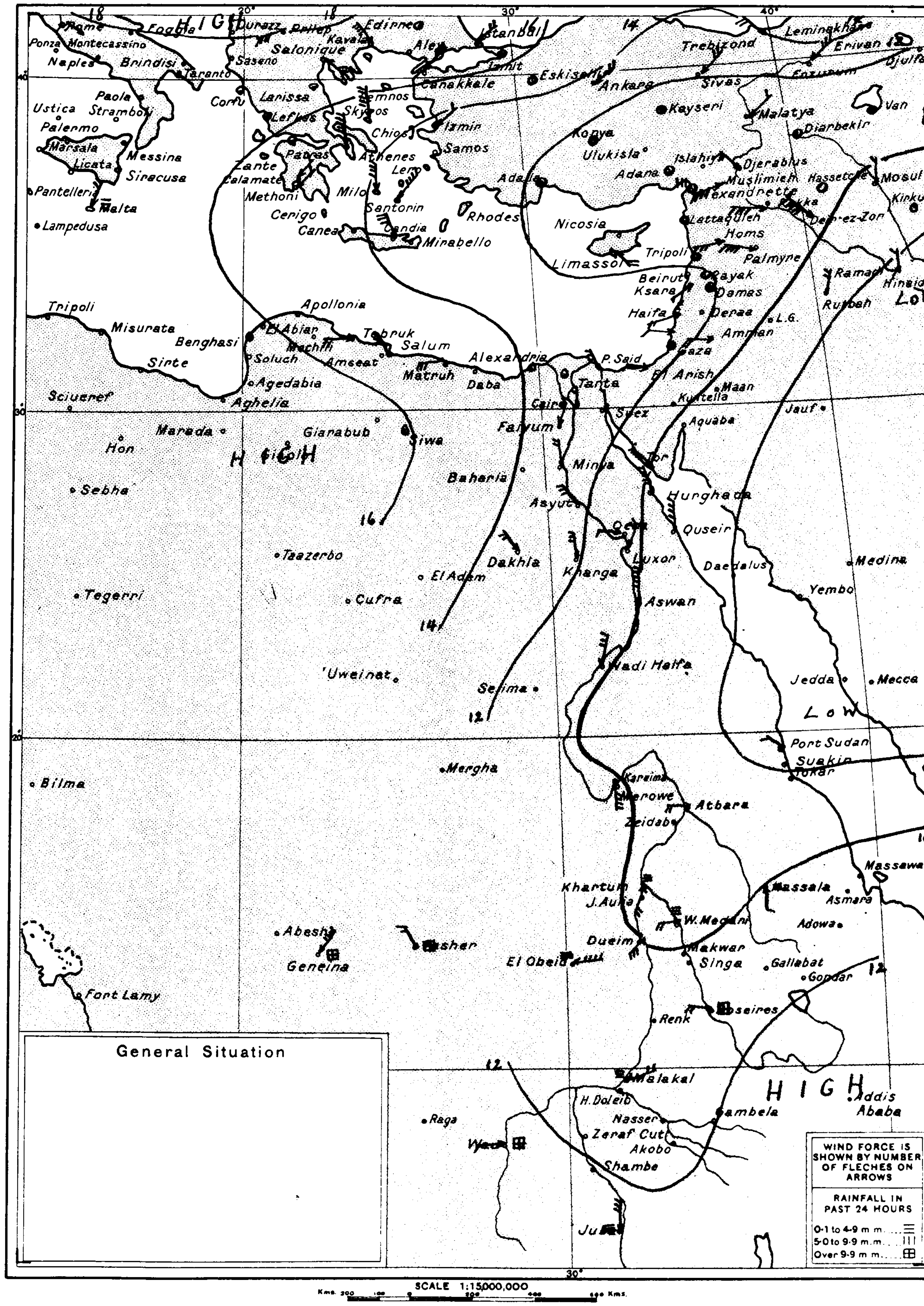
Gîza Grass minimum on 9th 15.8

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

DATE	1937	1936
9-9	9205	9165
8-9	8982	9280

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8-9	13.60	-0.23	13.67	-0.16
Nâșser	8-9	10.34	+0.15	10.32	+0.14
Malakâl	9-9	12.14	+0.10	12.14	+0.11
Roșeires	9-9	18.72	-0.15	18.85	-0.07
Sennâr Res.	8-9	17.20	—	17.22	—
Khartûm	8-9	15.76	+0.09	15.72	+0.05
Kh. el Girba	8-9	13.92	+0.06	14.04	+0.14
'Atbara	8-9	15.31	+0.29	15.29	+0.24
Kajnarti	9-9	142.57	+0.89	142.74	+1.04
Wâdi Halfa	9-9	8.30	+0.53	8.37	+0.59
Aswân Res.	9-9	97.50	—	97.38	—
,, D. S.	9-9	92.64	+0.50	92.53	+0.39
El Leisi	9-9	23.83	+1.13	23.86	+1.17
Rôda (Cairo)	9-9	19.91	+1.24	19.93	+1.26

١٩٣٧-٩-٩ Pressure and Wind at 8 h. 9-9-1937



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 8-9-1937 — الساعة ٨ يوم ٨-٩-١٩٣٧

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 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	1009	-2	E	3	27	—	—	—	—	—	—	0	—	—	—	—			ليماسول
Haifa	1011.4	+2.3	WNW	2	28.8	33	+2	25	+4	91	+24	1	—	—	—	0	365	648	حيفا
Gaza	1011.9	+2.1	—	0	27.3	33	+3	21	+1	70	0	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 05 37

sunset 18 07

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

DAILY WEATHER REPORT

Month September 1937 ١٩٣٧ شهر سبتمبر ١٩٢٧-٩-١٠ Pressure and Wind at 8 h. 10.9.1937.

At 14h. on 9.9 الساعة ١٤ يوم ٩

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN							
	SALÛM	1015.4	NNE	4	25.8	70	1	7
	MATRÛH	1013.5	NNW	4	27.6	67	0	6
	DIKHEILA	1014.1	NW	3	27.8	63	1	—
132	ALEXANDRIA	1013.3	NNW	3	30.3	53	2	4
159	DAMIETTA							
134	PORT SAÏD	1013.0	NNW	3	30.5	52	0	7
135	EL 'ARÎSH	1012.0	NNW	3	29.1	59	0	7
136	LOWER EGYPT — DAMANHÛR							
137	MANSÛRA							
138	TANTA	1012.7	NNW	1	31.6	45	2	7
	ZAGÂZÎG	1012.7	NNW	1	30.9	43	0	8
	MIDDLE EGYPT — CAIRO — ALMÂZA	1012.7	NW	2	30.7	44	1	8
	EZBEKÎYA	1011.9	NNW	1	31.5	45	0	8
	GÎZA	1012.2	NNW	3	30.4	48	0	7
143	HELWÂN	1011.5	NW	4	29.9	38	0	6
144	SUEZ	1011.1	N	2	33.2	32	0	7
153	UPPER EGYPT — FAIYÛM	1011.9	NNW	4	31.4	39	0	8
154	MINYA	1011.8	NNE	3	31.7	38	0	8
155	ASYÛT	1011.1	NW	4	32.2	30	0	8
156	QENA	1008.3	WNW	3	37.9	20	0	8
157	LUXOR	1008.6	NNW	3	36.1	26	2	8
158	ASWÂN	1007.0	N	3	37.2	28	0	8
148	WESTERN DESERT — SÎWA	1013.1	—	0	33.0	46	0	6
149	BAHARÎYA							
151	KHÂRGA	1011.0	N	3	36.8	24	0	9
152	DÂKHLA	1011.8	NNW	3	35.0	19	0	9
145	RED SEA — TÛR	1007.8	NW	6	29.0	85	0	5
146	HURGHÂDA							
147	QUSEIR	1009.4	NNW	4	32.3	42	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	JUBA							
179	Geneina							
180	Gallabat							

At 8h. on Friday 10 الجمعة ١٠ 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.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																		
	SALÛM	1015.1	+1.3	SSW	2	23.3	27	—	19	—	77	—	0	6	Cu	0	0	105	—
	MATRÛH	1013.8	+0.5	WSW	1	24.4	28	0	20	0	77	0	0	6	—	0	0	182	158
	DIKHEILA	1014.1	—	SSW	1	24.9	28	—	22	—	70	—	2	7	Cu	2	0	145	
132	ALEXANDRIA	1015.0	+1.6	—	0	25.2	31	+1	23	+1	71	+2	1	8	Cu	2	0	176	190
159	DAMIETTA	1013.5	—	N	1	27.8	32	—	21	—	65	—	3	8	Cu	1	0	75	116
134	PORT SAÏD	1013.1	+1.8	NNE	2	27.2	31	+1	24	+1	59	-11	2	7	Cu	1	0	38	82
135	EL 'ARÎSH	1012.6	—	NNW	1	28.4	29	—	23	—	61	—	0	7	—	0	0	85	91
136	LOWER EGYPT — DAMANHÛR	1014.2	+1.9	WNW	2	26.9	32	0	19	0	64	-13	0	7	—	0	0	78	110
137	MANSÛRA	1011.9	—	NNE	1	26.1	33	-1	20	0	72	-5	0	7	Cu	1	0	45	57
138	TANTA	1013.6	+0.7	NNW	1	25.0	33	-1	18	-1	68	-8	2	7	Cu	1	0	54	48
	ZAGÂZÎG	1013.9	—	NW	1	25.8	31	-2	19	+1	77	-3	2	8	Cs	1	0	20	28
	MIDDLE EGYPT — CAIRO — ALMÂZA	1013.8	—	NNE	2	24.3	33	—	18	—	74	—	1	8	Sc	1	0	23	—
	EZBEKÎYA	1013.3	+1.0	—	0	24.5	32	-1	20	0	82	+5	0	5	Sc	0	0	18	34
	GÎZA	1013.3	+0.7	NNW	2	23.6	31	-1	18	0	84	+3	1	5	Sc	1	0	16	31
143	HELWÂN	1013.0	+0.5	NNE	3	24.0	31	-2	19	-1	69	0	1	6	Cu	0	0	17	35
144	SUEZ	1013.1	+1.6	NNW	2	25.0	33	-1	22	0	68	-9	0	7	—	0	0	13	26
153	UPPER EGYPT — FAIYÛM	1013.4	+0.7	NNE	3	25.0	33	-1	20	0	70	-2	0	6	—	0	0	6	11
154	MINYA	1012.4	+0.8	NNW	2	23.8	32	-1	21	+1	73	0	0	8	—	0	0	16	—
155	ASYÛT	1012.2	+0.9	WSW	3	26.0	33	-1	20	-2	62	-1	0	7	—	0	0	dr	5
156	QENA	1010.3	+0.9	W	2	26.2	39	+1	23	+1	53	+1	0	8	—	0	0	dr	—
157	LUXOR	1009.8	—	SSE	2	28.2	37	—	21	—	55	—	0	8	—	0	0	dr	—
158	ASWÂN	1010.6	+1.1	N	1	28.4	38	-2	22	-2	41	+6	0	8	—	0	0	1	
148	WESTERN DESERT — SÎWA	1015.2	+2.4	—	0	26.5	35	-1	19	0	69	+7	0	6	—	0	0	29	7
149	BAHARÎYA																		
151	KHÂRGA	1011.9	+1.1	N	3	27.7	37	0	20	-1	46	-4	0	9	—	0	0	0	dr
152	DÂKHLA	1013.4	+1.6	—	0	28.7	36	-1	22	+1	50	+10	0	8	—	0	0	dr	—
145	RED SEA — TÛR	1008.6	0.0	NW	5	27.3	30	-2	25	+2	69	-4	0	5	—	0	0	14	14
146	HURGHÂDA	1010.3	+1.1	NNW	5	28.6	33	-1	23	-1	66	+13	0	5	—	0	0	dr	1
147	QUSEIR	1009.3	+0.5	NW	3	30.0	33	0	25	-1	47	0	0	6	—	0	0	1	7
169	PORT SUDAN	1007.8	0.0	NE	1	33.4	—	—	29	+1	45	-2	2	—			0	43	122
165	NORTH SUDAN — WÂDI HALFA	1012.4	+2.0	NNE	2	26.4	38	-1	22	0	37	+5	1	8	Cs	0	—	—	
166	KAREIMA	1009.2	+0.2	NNE	5	32.0	42	0	28	+2	28	-3	2	8	Ci	0	0	8	32
167	'ATBARA	1008.6	+0.3	N	3	33.6	42	+1	29	+3	23	-7	0	—	—	0	0	76	78
168	KHARTÛM	1008.8	-0.4	S	3	31.0	42	+3	28	+3	53	-3	3	8	Cs, Ac	0	0	115	139
170	KASSALA	1009.8	-1.4	SSE	1	28.0	35	0	24	+1	—	—	0	8	—	0	0	263	292
171	CENTRAL SUDAN — WAD MEDANI	1010.2	-0.2	SSW	2	27.2	35	-1	23	+1	74	+7	3	—	—	1	0	455	352
173	DUEIM	1009.8	-0.7	S	3	29.2	34	-2	24	+2	67	-1	0	—	—	0	0	326	268
	RENK																		
172	ROSEIRES	1010.3	-1.3	SW	2	24.4	33	0	21	+1	78	-2	2	—	—	0	0	807	675
174	EL OBEID	1010.8	-0.8	SW	3	25.3	32	-2	22	+1	68	-1	3	8	Cs, Ac	0	5	452	297
175	EL FÂSHER	—	—	W	1	25.0	33	-2	21	+1	76	+14	0	—	Ci	0	0	226	304
176	S. SUDAN — MALAKÂL	1010.4	-1.7	W	2	26.2	32	0	24	+3	92	+10	4	8	As	2	0	685	779
177	WÂU	1011.4	+0.2	—	0	25.5	34	+1	22	+2	77	-6	1	—	—	0	0	878	1010
178	JUBA	1013.1	+0.7	NE	3	24.2	36	+3	20	0	83	-1	1	8	Cs, Sc	5	dr	867	817
179	Geneina	—	—	NE	3	20.4	32	—	18	—	91	—	3	8	Fm.	0	0	—	—
180	Gallabat																		

Upper Wind Observations on 10 ١٠ يوم ارصاد الرياح العليا

Height above M.S.L.	W. Halfa 06h. 00m. Dir. E. of N.	Kms. per hour	Kareima 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	Suba 06h. 00m. Dir. E. of N.	Kms. per hour	Geneina 07h. 00m. Dir. E. of N.	Kms. per hour	Salum 13h. 00m. Dir. E. of N.	Kms. per hour	Almaza 12h. 00m. Dir. E. of N.	Kms. per hour
200	0	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	35	340	9
500	10	34	60	43	230	27	—	—	—	—	270	6	—	—	—	—	0	22	340	14
1000	0	45	60	37	230	40	220	29	240	19	340	10	160	19	50	3	310	23		
1500	340	43	350	21	280	37	200	23			280	8	160	58	230	11				
2000	350	27	0	14	340	18	340	23			330	6			340	45				
3000	280	16	50	10	20	27	60	21			90	11			70	43				
4000																				
5000																				
6000																				

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

تغيرات الطقس المنظرة فى ٢٤ ساعة من ظهر

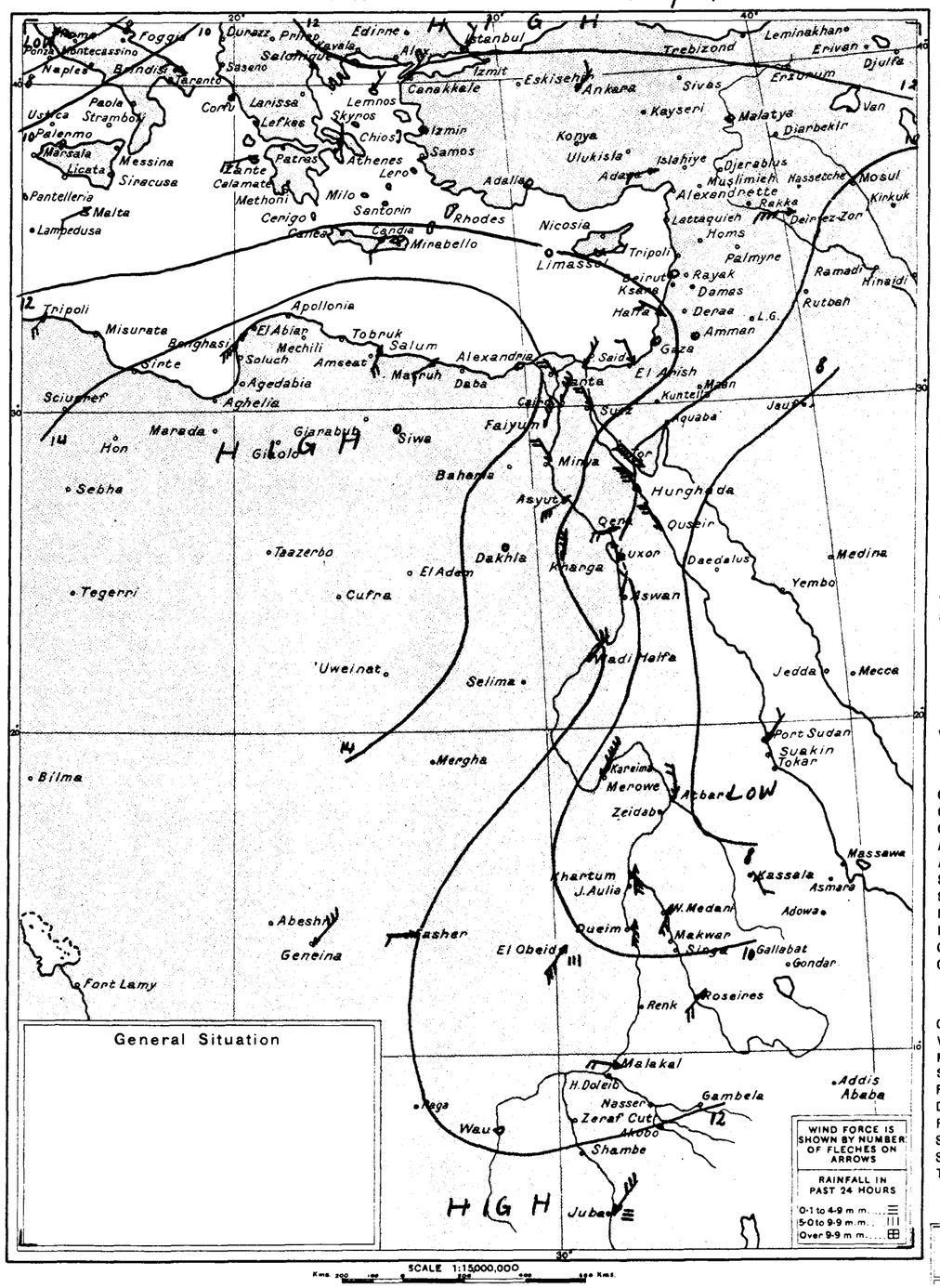
STATION	Mean of day Humidity %	Diff. from normal	Wet Bulb Temp. °C	Diff. from normal
Alexandria	6.8	0	22.2	+0.9
Ezbekiya	6.8	+4	22.5	+0.4
Gîza	7.2	+6	21.7	-0.2
Helwân	5.6	+2	20.1	+0.8

Gîza Grass minimum on 10 15.3 °C

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

DATE	1937	1936
10.9	9168	9165
9.9	9205	9165

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10.9	13.39	-0.24	13.60	-0.23
Nâsser	10.9	10.37	+0.16	10.36	+0.16
Malakâl	10.9	12.15	+0.10	12.14	+0.10
Roseires	10.9	18.79	0.00	18.72	-0.13
Sennâr Res.	10.9	17.21	—	17.21	—
Khartûm	10.9	15.66	+0.01	15.69	+0.03
Kh. el Girba	10.9	13.91	+0.18	13.84	+0.04
'Atbara	10.9	15.24	+0.24	15.28	+0.27
Kajnarti	10.9	142.41	+0.75	142.57	+0.89
Wâdi Halfa	10.9	8.18	+0.42	8.30	+0.53
Aswân Res.	10.9	97.48	—	97.50	—
,, D. S.	10.9	92.63	+0.50	92.64	+0.50
El Leisi	10.9	23.71	+1.07	23.83	+1.13
Rôda (Cairo)	10.9	19.82	+1.13	19.91	+1.24



STATION	At 8 h. on 9.9.1937 ١٩٢٧-٩-٩ 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.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.	مصدر
Limasol	1011	0	SE	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—		ليماسول
Haifa	1012.7	+3.4	SSW	2	204	32	+1	25	+4	76	+9	1	—	—	—	0	365	648		حيفا
Gaza	1012.8	+2.9	—	0	27.8	33	+3	21	+1	67	-3	1	6	—	1	0	395	376		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. 05 m. 38
sunset h. 18 m. 06

Month September 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١١-٩-١٩٣٧

1417 F.C.

At 14h. on 10th — الساعة ١٤ يوم ١٠

No.	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN: SALÛM	1014.2	ESE	2	30.0	54	1	8
	MATRÛH	1013.4	NNE	2	27.2	73	0	6
	DIKHEILA	1013.9	NNW	4	27.2	66	0	8
132	ALEXANDRIA	1013.3	NE	3	30.0	55	0	9
159	DAMIETTA							
134	PORT SAÏD	1012.0	NNW	3	31.0	52	0	7
135	EL ʿARÎSH	1011.9	NNW	4	28.0	68	0	7
136	LOWER EGYPT: DAMANHÛR							
137	MANSÛRA							
	TANTA	1012.8	NW	3	32.0	49	3	7
	ZAGÂZÎG	1011.9	NNW	1	29.8	53	1	8
	MIDDLE EGYPT: CAIRO ALMÂZA	1011.9	NNW	4	31.0	52	0	8
	CAIRO EZBEKÎYA	1011.2	N	1	31.3	48	0	8
	CAIRO GÎZA	1011.2	NNW	3	30.9	48	0	7
143	HELWÂN	1011.0	N	5	30.9	35	0	6
144	SUEZ	1010.8	N	2	32.5	36	1	7
153	UPPER EGYPT: FAIYÛM	1010.4	N	3	31.7	37	0	8
154	MINYA	1010.3	NNW	3	31.5	40	0	7
155	ASYÛT	1009.9	WSW	4	32.0	31	0	8
156	QENA	1008.0	W	1	35.5	20	0	8
157	LUXOR	1007.6	—	0	37.8	37	1	8
158	ASWÂN	1007.0	—	0	36.6	17	0	8
148	WESTERN DESERT: SÎWA	1012.3	—	0	36.5	47	0	6
149	BAHARÎYA							
151	KHÂRGA	1010.6	N	2	36.3	23	0	9
152	DÂKHLA	1010.8	NNE	2	33.3	23	0	9
145	RED SEA: TÔR	1007.5	NW	6	29.8	66	0	5
146	HURGHÂDA							
147	QUSEIR	1009.1	N	3	31.5	54	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							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	S. SUDAN: MALAKÂL							
177	WÂU							
178	JÛBA							
179	Geneina							
180	Gallabat							

At 8h. on Saturday 11th — الساعة ٨ يوم السبت ١١

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	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.	Rain Total fr. Oct. 1 to yesterday m.m.	Rain Normal fr. Oct. 1 to yesterday m.m.
	SALÛM	1013.3	-0.6	SE	3	25.6	33	—	23	—	64		2	6	Cc	2	0	105	
	MATRÛH	1012.4	-1.0	SSE	3	25.9	28	0	20	0	69	-8	0	6	—	0	0	182	158
	DIKHEILA	1014.1	—	SE	2	24.5	28	—	21	—	75	—	0	7	—	0	0	145	
132	ALEXANDRIA	1013.6	+0.1	SE	1	24.2	31	+1	22	0	80	+11	0	8	—	0	0	167	190
159	DAMIETTA	1013.1	—	NE	2	27.8	32		22		63	—	0	8	As	1	0	75	116
134	PORT SAÏD	1013.0	+1.7	NNE	2	27.0	31	+1	24	+1	63	-7	0	7	—	0	0	38	82
135	EL ʿARÎSH	1012.6	—	NNE	1	27.2	29	—	22	—	68	—	2	7	Cu	1	0	85	91
136	DAMANHÛR	1013.8	+1.4	E	1	26.7	31	-1	21	+2	68	-9	0	7	—	0	0	78	110
137	MANSÛRA	1012.8	—	NE	2	25.6	32	-2	21	+1	71	-5	0	8	—	0	0	45	57
	TANTA	1013.4	+0.4	NE	2	26.0	33	-1	18	-1	69	-7	0	7	—	0	0	54	48
	ZAGÂZÎG	1013.5	—	NNE	1	25.9	31	-2	19	+1	73	-7	0	8	—	0	0	20	28
	CAIRO ALMÂZA	1013.0	—	ENE	4	25.1	31		17		68	—	0	7	—	0	0	23	
	CAIRO EZBEKÎYA	1012.6	+0.2	NNE	4	24.7	33	0	20	0	78	0	0	7	—	0	0	18	34
	CAIRO GÎZA	1012.6	-0.1	NNW	1	24.1	31	-1	18	0	76	-5	0	6	—	0	0	16	31
143	HELWÂN	1012.3	-0.3	NE	5	24.8	32	-1	20	0	65	-4	0	6	—	0	0	17	35
144	SUEZ	1012.8	+1.2	NW	3	25.1	34	0	22	0	74	-3	0	7	—	0	0	13	26
153	FAIYÛM	1012.2	-0.6	NNE	3	24.8	33	-1	20	0	68	-4	0	6	—	0	0	6	11
154	MINYA	1011.5	-0.2	NNE	2	23.3	32	-1	20	0	76	+2	0	9	—	1	0	16	—
155	ASYÛT	1011.1	-0.3	NW	3	23.7	34	0	21	-1	70	+7	0	7	—	0	0	dr	5
156	QENA	1010.3	+0.8	WNW	1	27.5	36	-2	23	+1	57	+5	0	7	—	0	0	dr	—
157	LUXOR	1009.4	—	ESE	3	27.8	38	—	21	—	66	—	0	8	—	0	0	dr	—
158	ASWÂN	1009.3	-0.3	N	1	27.9	38	-2	24	0	36	+1	0	8	—	0	0	1	
148	SÎWA	1012.7	-0.2	—	0	26.8	37	+1	22	+3	44	-18	0	6	—	0	0	29	7
149	BAHARÎYA																		
151	KHÂRGA	1010.8	-0.1	N	3	27.4	36	-1	23	+2	55	+5	0	9	—	0	0	0	dr
152	DÂKHLA	1012.2	+0.2	—	0	26.0	35	-2	23	+3	52	+12	0	9	—	0	0	dr	—
145	TÔR	1008.6	-0.2	NW	5	27.0	30	-2	25	+2	80	+7	0	5	—	0	0	14	14
146	HURGHÂDA	1010.0	+0.7	NNW	5	28.2	32	-2	25	+2	70	+17	0	5	—	0	0	dr	1
147	QUSEIR	1010.3	+1.4	NW	3	30.2	33	0	26	0	53	+6	0	6	—	0	0	1	7
169	PORT SUDAN	1007.2	-0.6	NE	1	33.1	—	—	29	+1	48	0	2	—	—	0	0	43	122
165	WÂDI HALFA	1011.1	+0.7	NNE	2	26.1	36	-3	23	+1	36	+4	4	8	Cs	1	—	—	—
166	KAREIMA	1009.6	+0.6	N	1	31.2	42	0	25	-1	37	+7	3	8	Cs	1	0	8	32
167	ʿATBARA	1008.0	-0.3	SW	2	33.0	41	0	28	+2	34	+4	0	—	—	0	0	76	78
168	KHARTÛM	1007.4	-1.8	SSE	4	30.0	41	+2	26	+1	47	-8	2	8	Ci, Ac	1	0	115	140
170	KASSALA	1010.0	-1.2	S	3	25.3	36	+1	21	-2	—	—	2	7	Cs, Ac	1	8	271	294
171	WAD MEDANI	1009.4	-0.9	SSW	2	25.5	38	+2	23	+1	65	-2	3	—	—	2	0	455	354
173	DUEIM	1008.7	-1.8	E	3	28.6	39	+3	25	+3	72	+5	1	—	—	0	0	326	269
182	RENK																		
172	ROSEIRES	1009.5	-2.1	WNW	1	26.8	35	+2	22	+2	75	-5	0	—	—	0	0	807	680
174	EL OBEID	1010.4	-1.2	SW	2	26.7	35	+1	21	0	66	-3	2	8	Cs	0	0	452	300
175	EL FÂSHER	—	—	SW	1	27.0	39	+4	22	+2	63	+1	0	—	—	0	0	226	305
176	MALAKÂL	1010.0	-2.0	WNW	1	24.9	34	+2	23	+2	84	+3	3	8	Sc	1	dr	685	784
177	WÂU	1010.2	-0.9	S	1	25.5	35	+2	21	+1	71	-12	2	—	—	0	0	878	1015
178	JÛBA																		
179	Geneina	—	—	E	2	21.3	31	—	19	—	91	—	3	8	Cs	0	0	—	—
180	Gallabat																		

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.	Dikheila 07h.00m. Dir.	Kms.	Cairo 08h.15m. Dir.	Kms.	Helwan 08h.30m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 06h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.
200	160	3	100	26	60	22	50	56	—	—	—	—	0	16	—	—	—	—
500	—	—	80	26	60	33	70	40	0	12	10	29	10	34	30	23	140	51
1000	190	30			50	35	50	35	20	20	200	7	350	27	40	21	150	43
1500	180	28			40	29	40	35	350	17	240	14	310	6	140	8	190	21
2000	170	39							350	10	150	14	210	14	80	8		
3000	ent. Cu.										140	27	150	18	30	11		
4000											140	30			60	10		
5000																		
6000																		

Height metres above M.S.L.	Kassala 06h.00m. Dir.	Kms.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Geneina 07h.00m. Dir.	Kms.	Ismailia R.A.F. 07h.00m. Dir.	Kms.	Almaza 11h.15m. Dir.	Kms.
200	—	—	—	—	—	—	—	—	50	24	50	8
500	—	—	—	—	290	11	—	—	50	23	40	7
1000	190	3	280	31	120	8	280	18	50	18	40	28
1500	300	16	350	14	80	5	310	8	40	24	ent. Cu.	
2000	300	8	50	31			60	8	30	27		
3000			40	34			0	3	70	11		
4000									120	13		
5000									210	24		
6000									Tail			

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Mean of day

Station	Humidity % on 10th	Diff. from normal	Wet bulb temp. °C on 10th	Diff. from normal
Alexandria	70	+2	22.3	+1.0
Ezbekiya	70	+6	22.6	+0.5
Giza	69	+2	22.1	+0.3
Helwân	59	+5	20.6	+1.4

Giza Grass minimum on 11th 15.5 °C

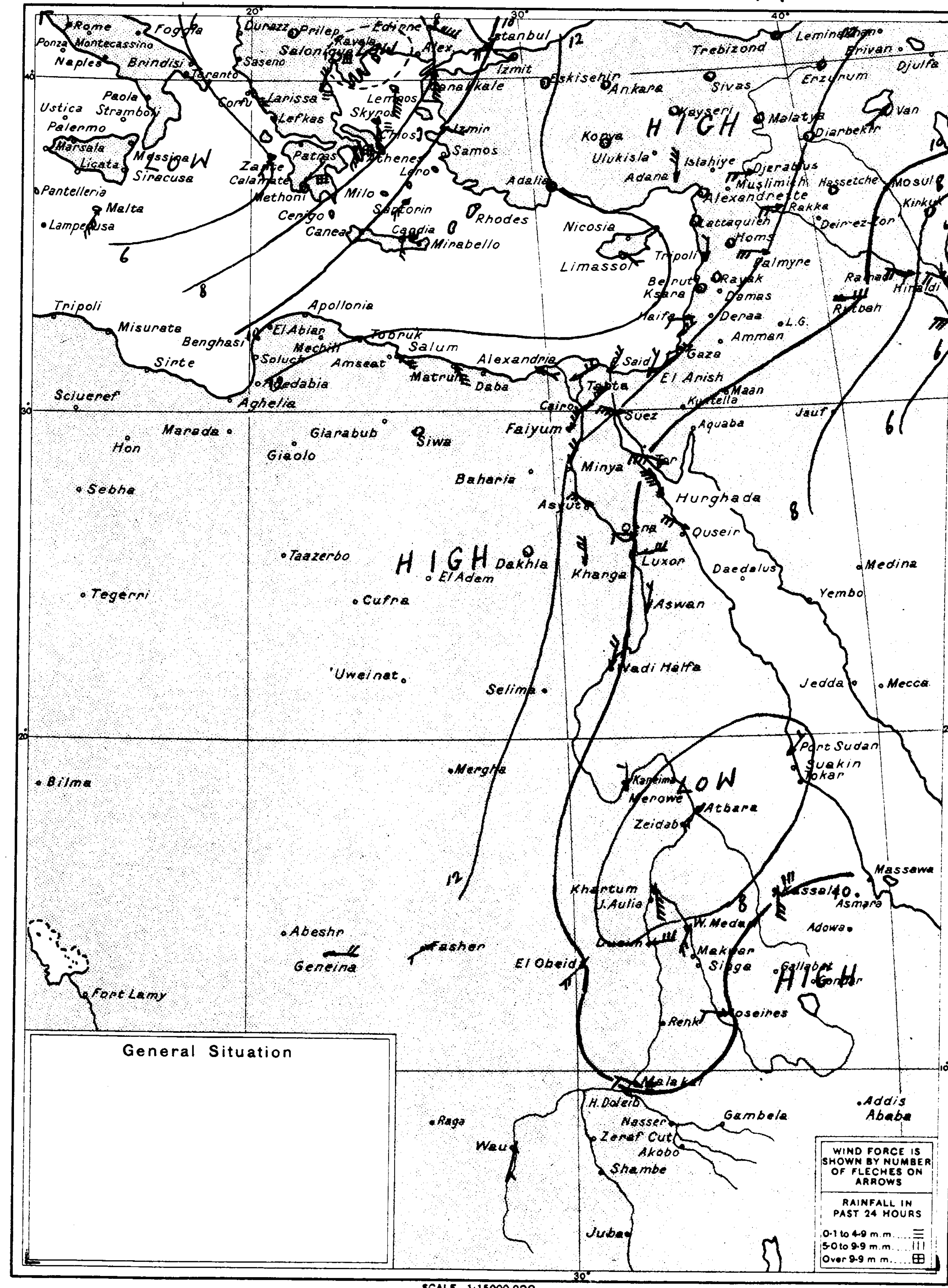
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
11-9	8962	9318
10-9	9168	9165

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	10-9	13.59	-0.24	13.60	-0.23
Nâsser	10-9	10.37	+0.16	10.36	+0.16
Malakâl	11-9	12.15	+0.09	12.15	+0.10
Roseires	11-9	18.33	-0.35	18.79	0.00
Sennâr Res.	10-9	17.21	—	17.21	—
Khartûm	10-9	15.66	+0.01	15.69	+0.03
Kh. el Girba	10-9	13.91	+0.18	13.84	+0.04
ʿAtbara	10-9	15.24	+0.24	15.28	+0.27
Kajnarti	11-9	142.28	+0.64	142.41	+0.75
Wâdi Halfa	11-9	8.10	+0.35	8.18	+0.42
Aswân Res.	11-9	97.37	—	97.48	—
,, D. S.	11-9	92.50	+0.38	92.63	+0.50
El Leisi	11-9	23.70	+1.00	23.77	+1.07
Rôda (Cairo)	11-9	19.73	+1.06	19.82	+1.15

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

Pressure and Wind at 8 h. 11-9-1937



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 10-9-1937 — الساعة ٨ يوم ١٠-٩-١٩٣٧

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	Rain Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1011	0	E	1	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.4	+3.0	WNW	1	28.7	32	+1	25	+4	90	+23	0	—	—	—	0	365	648	حيفا
Gaza	1012.8	+2.8	—	0	27.1	33	+3	21	+1	68	-2	2	6	—	1	0	395	376	غزة

Remarks

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

CAIRO

Time of sunrise 05 h 38 m
sunset 18 h. 04 m.

Month September 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩٣٧-٩-١٢ Pressure and Wind at 8 h. 12-9-1937

At 14 h. on 11th — الساعة ١٤ يوم 11
At 8 h. on Sunday 12th — الساعة ٨ يوم الاحد 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	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	1013.0	NNE	3	33.2	69	2	8	1014.3	+0.3	SSW	3	24.7	35	—	24	—	61	—	0	7	—	0	0	105	
		MATRÛH	1012.2	E	4	32.1	58	0	6	1013.6	+0.1	SE	3	25.4	32	+4	22	+2	80	+4	0	6	—	0	0	182	158
		DIKHEILA								1015.1	—	ESE	1	25.5	30	—	22	—	82	—	0	6	—	0	0	145	
		ALEXANDRIA	1012.8	NNE	4	30.9	55	0	9	1015.0	+1.4	E	1	25.8	32	+2	23	+1	82	+13	0	8	—	0	0	167	190
159		DAMIETTA								1014.6	—	NNE	1	28.3	30	—	23	—	77	—	1	8	Ac	1	0	75	116
134		PORT SAÎD	1012.6	NNW	3	29.8	57	0	7	1014.4	+2.9	NE	2	28.3	31	+1	25	+2	72	+2	2	7	Cu	1	0	38	82
135		EL ʿARÎSH	1011.6	NNE	3	28.6	70	0	7	1013.9	—	—	0	29.3	30	—	23	—	65	—	2	7	Cu	1	0	85	91
136	LOWER EGYPT	DAMANHÛR								1015.0	+2.4	ENE	2	25.9	33	+1	21	+2	82	+5	2	6	Cu	4	0	78	110
137		MANSÛRA								1014.3	—	NE	1	26.3	33	-1	22	+2	79	+3	1	7	AS	1	0	45	57
		TANTA	1012.0	N	4	33.0	44	0	7	1014.6	+1.5	NE	2	27.0	34	0	18	-1	77	+1	0	7	—	0	0	54	48
		ZAGÂZÎG	1011.9	NNE	1	31.1	50	0	8	1015.0	—	ENE	3	27.4	31	-2	20	+2	76	+4	2	8	Cc	1	0	20	28
	MIDDLE EGYPT — CAIRO	ALMÂZA	1011.9	N	5	31.8	48	0	8	1014.3	—	NE	3	25.7	33	—	18	—	75	—	1	8	St	1	0	23	
	CAIRO	EZBEKÎYA	1010.6	N	3	33.5	46	0	8	1013.9	+1.4	NNE	1	26.0	35	+2	20	0	80	+2	1	5	Sc	1	0	18	34
	CAIRO	GÎZA	1010.7	NW	2	32.2	45	0	7	1014.0	+1.1	NNE	2	24.9	33	+1	20	+2	80	-1	1	6	Sc	1	0	16	31
143		HELWÂN	1009.9	NNE	5	35.2	21	0	7	1013.8	+1.0	NE	4	25.4	35	+2	20	0	65	-4	0	7	—	0	0	17	35
144		SUEZ	1010.3	NNW	3	35.0	36	0	7	1014.0	+2.2	N	3	25.0	36	+2	23	+1	64	-13	0	7	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1009.9	NNE	4	36.0	31	0	7	1013.5	+0.6	NNE	4	25.4	35	+1	21	+1	72	0	0	8	—	0	0	6	11
154		MINYA	1009.5	NNW	3	34.0	40	0	8	1011.9	+0.1	NNW	2	25.5	35	+2	22	+2	67	-7	0	8	—	0	0	16	
155		ASYÛT	1008.4	W	3	36.4	28	0	8	1011.5	0.0	WSW	3	26.0	37	+3	21	-1	62	-2	0	8	—	0	0	dr	5
156		QENA	1008.2	W	1	38.0	34	0	8	1009.8	+0.2	WNW	1	28.8	40	+2	24	+2	54	+2	0	8	—	0	0	dr	—
157		LUXOR	1007.5	ESE	3	39.8	37	0	8	1009.4	—	—	0	29.0	40	—	23	—	69	—	0	8	—	0	0	dr	—
158		ASWÂN	1006.6	—	0	40.2	22	0	8	1009.1	-0.6	—	0	31.2	42	+2	25	+1	34	-2	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1011.1	—	0	37.0	34	0	6	1013.0	0.0	—	0	28.0	39	+3	24	+5	70	+8	0	6	—	0	0	29	7
149		BAHARÎYA																									
151		KHÂRGA	1008.0	N	1	36.5	24	0	9	1010.4	-0.7	N	1	28.8	39	+2	22	+1	52	+2	0	9	—	0	0	0	dr
152		DÂKHLA	1009.5	NNW	3	36.6	12	0	8	1012.0	-0.1	NNW	2	29.0	39	+2	22	+1	40	0	0	9	—	0	0	dr	—
145	RED SEA	TOR	1007.8	NW	4	29.5	82	0	6	1009.5	+0.6	NW	4	27.8	30	-2	26	+3	78	+5	0	5	—	0	0	14	14
146		HURGHÂDA								1011.0	+1.6	NNW	5	30.0	33	0	22	-1	62	+9	0	6	—	0	0	dr	1
147		QUSEIR	1009.5	N	3	31.8	59	0	6	1010.0	+1.0	WNW	2	30.8	33	0	26	0	55	+7	0	6	—	0	0	1	7
169		PORT SUDAN								1007.4	-0.5	E	2	33.8	—	—	29	+1	54	+6	1	—	—	0	0	43	122
165	NORTH SUDAN	WÂDI HALFA								1010.0	-0.4	N	1	26.4	38	-1	22	0	36	+3	1	8	Cs	0	—	—	
166		KAREIMA								1008.4	-0.6	S	1	31.3	41	-1	27	+1	37	+7	3	8	Ci	1	0	8	32
167		ʿATBARA								1007.1	-1.3	W	2	35.0	40	-1	29	+3	28	-1	0	—	—	0	0	76	79
168		KHARṬÛM								1008.3	-0.9	S	2	29.4	39	0	25	0	64	+10	3	8	Cs Ac	1	dr	115	141
170		KASSALA								1008.7	-2.5	SSE	3	27.9	34	-2	23	0	—	—	0	8	Cs	0	0	271	296
171	CENTRAL SUDAN	WAD MEDANI								1008.7	-1.6	SSW	2	29.0	38	+2	24	+2	64	-3	1	—	—	—	0	455	356
173		DUEIM								1009.1	-1.4	SE	3	29.4	37	+1	26	+4	67	0	2	—	—	1	0	326	271
		RENK																									
172		ROSEIRES								1009.6	-1.9	WSW	2	24.8	35	+2	21	+1	84	+4	0	—	—	0	0	807	685
174		EL OBEID								1009.3	-2.3	S	3	28.1	36	+2	23	+2	63	-5	3	8	Ci	1	0	452	303
175		EL FÂSHER								—	—	SW	1	24.0	40	+5	20	0	57	-4	0	—	—	0	0	226	306
176	S. SUDAN	MALAKÂL								1009.6	-2.4	N	2	26.1	35	+3	23	+2	84	+13	4	8	Ac, As	1	0	685	789
177		WÂU								1010.3	-0.8	S	2	25.0	34	+1	22	+2	80	-3	3	—	—	1	0	878	1020
178		JÛBA								1011.6	-0.7	SSW	4	25.8	37	+4	21	+1	69	-15	1	8	Cs	1	0	867	824
179		Geneina								—	—	SW	3	21.3	34	—	19	—	91	—	2	8	Sc	0	0	—	—
180		Gallabat																									

Upper Wind Observations on 12th — 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.15m. Dir.	Kms.	Cairo 08h.15m. Dir.	Kms.	Helwan 08h.45m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 06h.00m. Dir.	Kms.	Kareima 07h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Kassala 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Salum 11th 11h.00m. Dir.	Kms.	Almaza 11th 12h.15m. Dir.	Kms.
200	210	19	130	22	80	21	60	21	50	18	—	—	—	—	20	14	—	—	—	—	—	—	—	—	—	—	210	23	40	26
600	—	—	130	38	80	26	60	38	50	15	20	28	20	47	10	27	30	24	190	21	—	—	300	2	—	—	—	—	50	29
1000	220	30	160	18	60	24	60	48	50	43	20	42	30	28	20	23	40	18	220	11	200	24	210	14	290	74	170	45	60	18
1500			270	11	40	14			20	42	20	30	0	22	80	14	70	11	190	5	180	5	160	8	290	85	160	47	60	24
2000			240	11					30	21	20	39			100	24	40	10	210	8	30	21	130	6	290	84	Tail		30	14
3000									10	36					90	14			90	8	10	5	50	10	280	58				
4000									220	29					120	18							70	14						
5000									270	9																				
6000 / 7000									270	10																				
8000									230	8																				

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

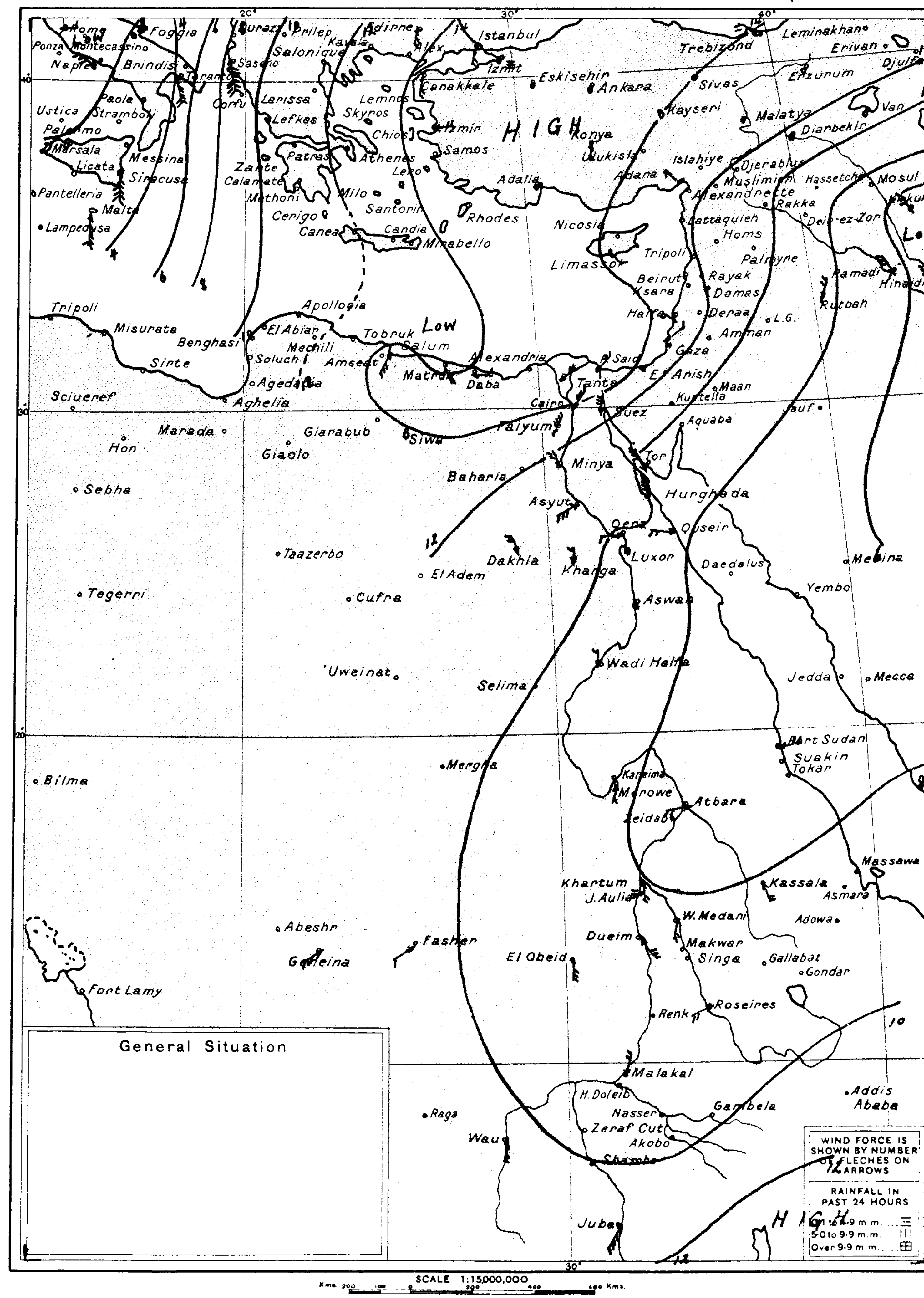
STATION	Mean of day: Humidity % on 11th	Diff. from normal	Wet bulb temp. °C on 11th	Diff. from Normal
Alexandria	77	+10	23.0	+1.8
Ezbekiya	66	+1	23.1	+1.1
Gîza	65	-2	22.1	+0.3
Helwân	54	0	20.4	+1.2

Gîza Grass minimum on 12th 18.1 °C

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

DATE	1937	1936
12-9	8683	9503
11-9	8962	9318

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	12-9	13.54	-0.28	13.60	-0.32
Nâsser	11-9	10.38	+0.16	10.37	+0.16
Malakâl	12-9	12.16	+0.09	12.15	+0.09
Roseires	12-9	17.96	-0.64	18.33	-0.35
Sennâr Res.	11-9	17.19	—	17.21	—
Khartûm	12-9	15.65	+0.02	15.69	+0.05
Kh. el Girba	11-9	13.64	-0.03	13.91	+0.18
ʿAtbara	12-9	15.16	+0.20	15.20	+0.21
Kajnarti	12-9	142.25	+0.65	142.28	+0.64
Wâdi Halfa	12-9	8.08	+0.35	8.10	+0.35
Aswân Res.	12-9	97.22	—	97.37	—
,, D. S.	12-9	92.39	+0.28	92.50	+0.38
El Leisi	12-9	23.63	+0.94	23.70	+1.00
Rôda (Cairo)	12-9	19.66	+0.99	19.73	+1.06



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 11-9-1937 — الساعة ٨ يوم ١١-٩-١٩٣٧

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
Limassol	1012	+1	SE	1	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.6	+3.1	WSW	1	28.3	31	0	26	+5	97	+30	3	—	—	—	0	365	648	حيفا
Gaza	1012.4	+2.3	SW	1	26.8	33	+3	21	+1	75	+5	3	4	—	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 05 h. 38 m.
sunset 18 h. 03 m.

Month *September* 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 12th (الساعة ١٤ يوم ١٢) — At 8h. on Monday 13th (الساعة ٨ يوم الإثنين ١٣)

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 fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	Mediterranean	SALÛM	1014.3	SE	2	32.0	51	0	8	1013.4	-0.7	S	4	31.0	34	—	24	—	40	—	0	6	—	0	0	105	—
	Mediterranean	MATRÛH	1013.4	E	3	31.2	73	0	6	1012.2	-1.5	—	0	29.2	34	+6	22	+2	66	-20	0	6	—	0	0	182	158
	Mediterranean	DIKHEILA	1014.3	NE	3	28.8	78	0	—	1013.6	—	SSE	1	24.2	34	—	22	—	97	—	8	4	St	4	0	145	—
132	Mediterranean	ALEXANDRIA	1013.8	NE	4	32.0	62	0	9	1013.0	-0.7	—	0	23.1	35	+5	22	0	97	+28	8	1	—	4	0	167	190
159	Mediterranean	DAMIETTA								1012.4	—	SSW	1	26.2	32	—	22	—	90	—	8	1	—	4	0	75	116
134	Mediterranean	PORT SAÏD	1013.4	NE	3	30.1	65	0	7	1012.6	+1.0	SW	2	27.6	31	+1	24	+1	80	+10	1	7	Cu	0	0	38	82
135	Mediterranean	EL 'ARÎSH	1012.6	NNW	2	30.0	66	0	7	1012.2	—	SSE	1	30.0	31	—	23	—	65	—	0	7	—	1	0	85	91
136	Lower Egypt	DAMANHÛR								1013.3	+0.6	ESE	1	24.8	36	+4	19	+1	86	+9	8	3	—	4	0	78	110
137	Lower Egypt	MANSÛRA								1012.6	—	NE	1	24.5	36	+2	21	+1	87	+11	3	5	As	2	0	45	57
[illegible]	Lower Egypt	TANTA	1013.1	NNE	3	35.0	45	0	7	1012.8	-0.4	—	0	23.0	36	+2	18	-1	97	+21	4	4	Sc	2	0	54	48
	Lower Egypt	ZAGÂZÎG	1012.8	NNE	2	33.6	41	0	8	1013.3	—	ESE	1	24.4	34	+1	19	+1	91	+11	2	7	Cu	1	0	20	28
	Middle Egypt (Cairo)	ALMÂZA	1012.3	NE	5	36.8	35	0	8	1013.0	—	NNE	2	26.2	37	—	18	—	59	—	0	7	—	0	0	23	—
	Middle Egypt (Cairo)	EZBEKÎYA	1011.4	NE	3	36.6	36	0	8	1012.4	-0.2	NW	1	25.0	37	+4	20	0	76	-2	0	5	—	0	0	18	34
	Middle Egypt (Cairo)	GÎZA	1011.6	NNE	3	35.5	40	0	7	1012.2	-0.7	NW	2	23.6	36	+4	18	0	89	+8	0	5	—	0	0	16	31
143	Middle Egypt	HELWÂN	1010.6	NNE	5	36.6	22	0	7	1011.6	-1.3	NE	3	30.9	37	+5	24	+4	24	-45	0	6	—	0	0	17	35
144	Middle Egypt	SUEZ	1011.4	N	2	36.5	28	0	7	—	—	NW	3	24.5	37	+3	21	-1	84	+7	0	7	—	0	0	13	26
153	Upper Egypt	FAIYÛM	1010.7	ENE	4	38.2	26	0	6	1012.0	-1.0	NNE	2	27.2	39	+5	19	-1	49	-23	0	8	—	0	0	6	11
154	Upper Egypt	MINYA	1009.9	NNE	3	36.7	29	0	7	1011.1	-0.8	NNW	1	25.2	37	+5	20	0	69	-5	0	9	—	0	0	16	—
155	Upper Egypt	ASYÛT	1008.0	NW	3	40.0	12	0	8	1010.3	-1.3	WSW	2	26.2	42	+9	21	-1	56	-8	0	8	—	0	0	dr	5
156	Upper Egypt	QENA	1007.5	W	2	39.8	30	0	8	1008.6	-1.1	WNW	2	28.5	41	+3	24	+2	53	0	0	7	—	0	0	dr	—
157	Upper Egypt	LUXOR	1007.0	—	0	42.3	41	0	8	1008.2	—	WSW	2	30.3	43	—	22	—	48	—	0	8	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1005.3	N	1	43.0	16	0	8	1007.8	-2.0	N	1	31.9	44	+4	26	+2	38	+2	0	8	—	0	0	1	—
148	Western Desert	SÎWA	1012.2	—	0	40.0	45	0	6	1011.9	-1.2	—	0	30.9	42	+6	23	+4	52	-10	0	6	—	0	0	29	7
149	Western Desert	BAHARÎYA								1012.6	—	NE	1	28.4	40	—	20	—	50	—	0	9	—	0	0	26	—
151	Western Desert	KHÂRGA	1007.5	N	4	41.3	18	0	9	1009.3	-1.9	NE	2	31.8	42	+5	26	+5	32	-18	0	9	—	0	0	0	dr.
152	Western Desert	DÂKHLA	1008.8	NNE	5	41.2	8	0	6	1010.7	-1.5	—	0	33.9	42	+5	28	+7	30	-11	0	8	—	0	0	dr.	—
145	Red Sea	TÔR	1007.9	NW	5	32.5	64	0	6	1008.3	-0.8	NW	4	28.5	32	0	26	+4	77	+5	0	5	—	0	0	14	14
146	Red Sea	HURGHÂDA								1009.5	0.0	NNW	3	30.6	35	+2	25	+2	54	+1	0	6	—	0	0	dr	1
147	Red Sea	QUSEIR	1008.7	N	2	33.9	53	0	6	1009.3	+0.2	NNW	2	32.0	35	+2	28	+2	42	-6	0	6	—	0	0	1	7
169	Red Sea	PORT SUDAN																									
165	North Sudan	WÂDI HALFA								1007.9	-2.6	NNE	3	29.1	41	+2	26	+4	31	-2	0	8	Ac	0	—	—	—
166	North Sudan	KAREIMA								1005.9	-3.2	S	1	33.8	45	+3	28	+2	31	+1	2	8	Cs,Ac	0	0	8	32
167	North Sudan	'ATBARA								1007.0	-1.4	SSW	3	31.3	43	+2	30	+4	38	+9	2	—	—	0	0	76	79
168	North Sudan	KHARTÛM								1008.7	-0.4	S	4	28.1	40	+1	25	0	63	+10	4	8	Ac	1	0	115	141
170	North Sudan	KASSALA								1009.3	-1.8	S	1	25.8	36	0	22	-1	—	—	2	8	Ac,As	1	4	275	298
171	Central Sudan	WAD MEDANI								1009.4	-0.9	S	3	28.0	38	+2	23	+1	57	-10	2	—	—	0	0	455	358
173	Central Sudan	DUEIM								1010.2	-0.2	ESE	3	26.8	38	+2	25	+3	84	+17	4	—	—	8	6	332	273
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1012.3	+0.8	SSE	2	20.8	36	+3	20	0	94	+15	5	—	—	6	15	822	690
174	Central Sudan	EL OBEID								1009.1	-2.5	S	3	25.7	36	+2	23	+2	76	+9	4	8	Ac,As	1	0	452	306
175	Central Sudan	EL FÂSHER								—	—	SE	2	25.0	40	+5	21	+1	80	+20	1	—	—	0	0	226	306
176	S. Sudan	MALAKÂL								1011.5	-0.5	S	4	25.6	34	+2	24	+3	84	+3	4	8	Cb.	8	dr.	685	794
177	S. Sudan	WÂU								1012.0	+0.9	W	2	24.0	35	+2	22	+2	82	-1	4	—	—	0	0	878	1026
178	S. Sudan	JÛBA								1013.9	+1.6	SE	2	23.8	37	+4	21	+1	83	-1	4	9	Cu,Sc	1	dr.	867	828
179		Geneina																									
180		Gallabat																									

Upper Wind Observations on 13th

أرصاد الرياح العليا يوم ١٢

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

Height metres above M.S.L.	Salum 7h00m Dir.	Kms.	Matruh 7h00m Dir.	Kms.	Cairo 8h15m Dir.	Kms.	Helwan 8h15m Dir.	Kms.	Asyut 7h00m Dir.	Kms.	Aswan 7h00m Dir.	Kms.	Halfa 6h00m Dir.	Kms.	Kareima 6h00m Dir.	Kms.	Khartum 5h00m Dir.	Kms.	Kassala 7h00m Dir.	Kms.	El Obeid 6h00m Dir.	Kms.	Malakal 6h00m Dir.	Kms.	Juba 6h00m Dir.	Kms.	Salum 13h00m Dir.	Kms.	Almaza 12h00m Dir.	Kms.
200	180	14	210	20	70	26	60	33	—	—	—	—	350	23	—	—	—	—	—	—	—	—	—	—	—	—	210	19	20	26
500	—	—	220	6	60	30	60	49	0	29	20	28	20	34	110	16	230	53	—	—	—	—	90	11	—	—	—	—	40	38
1000	170	8	330	11	60	55	50	56	330	22	50	11	40	37	110	37	190	50	140	5	230	29	180	34	310	42	220	30	50	48
1500	260	11	330	25	30	51	40	48	20	17	90	8	60	23	80	34	190	27	70	14	190	11	190	26	340	45			30	43
2000	310	21					20	50	40	26	70	13	90	19	60	24	240	34	10	18	70	8	290	16	350	53			30	45
3000	330	46									60	12	10	27	60	29					50	40	130	10						
4000																							60	10						
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 12	Diff. from normal	Wet Bulb Temp. °C on 12	Diff. from normal
Alexandria	75	+8	24.5	+3.4
Ezbekiya	65	0	23.6	+1.6
Giza	61	-6	23.1	+1.4
Helwân	48	-6	21.3	+2.2

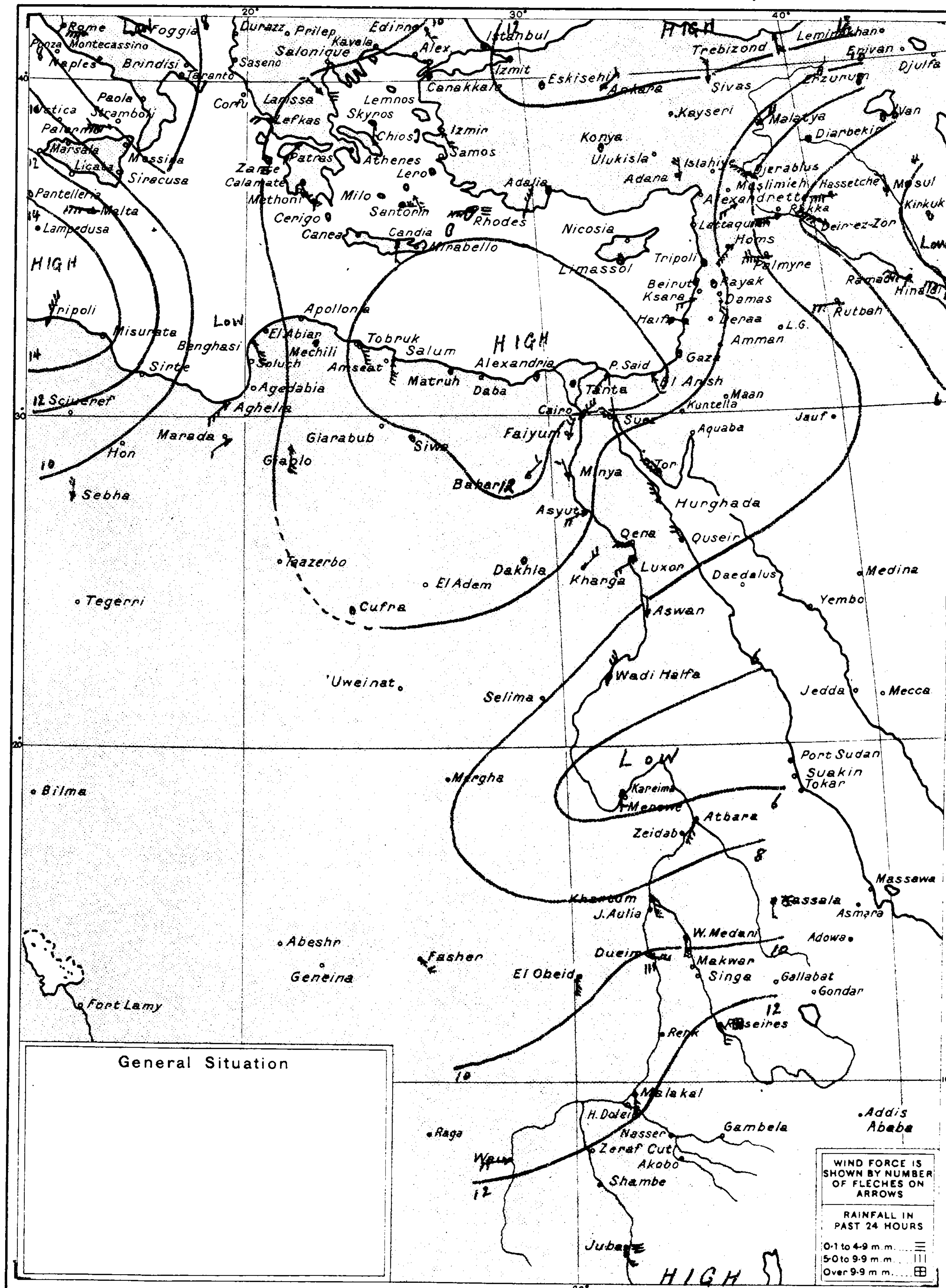
Giza Grass minimum on 13th 14.9 °C

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

DATE	1937	1936
13.9	8570	9557
12.9	8683	9503

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13.9	13.59	-0.23	13.54	-0.28
Nâsser	12.9	10.40	+0.16	10.38	+0.16
Malakâl	13.9	12.16	+0.09	12.16	+0.09
Roseires	13.9	17.83	-0.74	17.96	-0.64
Sennâr Res.	12.9	17.19	—	17.19	—
Khartûm	12.9	15.65	+0.02	15.69	+0.05
Kh. el Girba	12.9	13.65	+0.03	13.64	+0.03
'Atbara	12.9	15.16	+0.20	15.20	+0.21
Kajnarti	13.9	142.29	+0.72	142.25	+0.65
Wâdi Halfa	13.9	8.11	+0.41	8.08	+0.35
Aswân Res.	13.9	97.16	—	97.22	—
" D. S.	13.9	92.35	+0.26	92.39	+0.28
El Leisi	13.9	23.60	+0.92	23.63	+0.94
Rôda (Cairo)	13.9	19.64	+0.97	19.66	+0.99

١٩٣٧-٩-١٢ Pressure and Wind at 8 h. 13.9.1937.



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 12.9.1937 — ١٩٣٧-٩-١٢ 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	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	1013	+2	SE	1	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.5	+3.9	WNW	1	29.3	32	+1	26	+5	87	+20	0	—	—	—	0	365	648	حيفا
Gaza	1013.0	+2.8	—	0	28.8	32	+2	21	+2	69	-1	1	7	—	1	0	345	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. 05 m. 38

sunset h. 18 m. 02

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

DAILY WEATHER REPORT

Month September 1937 — 1937 — شهر سبتمبر — ١٩٣٧-٩-١٤ Pressure and Wind at 8 h. 14. 9. 1937.

At 14h. on 13th — الساعة ١٤ يوم ١٣

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
	MEDITERRANEAN: SALÛM	1011.5	WSW	3	41.0	19	2	7
	MATRÛH	1011.4	ENE	3	31.6	70	0	6
130	DIKHEILA	1012.8	NNE	3	29.2	76	0	—
132	ALEXANDRIA	1012.0	NE	1	31.8	69	0	9
159	DAMIETTA							
134	PORT SAÏD	1011.9	NNW	2	31.1	63	0	7
135	EL 'ARÎSH	1011.1	NNW	2	31.0	64	0	7
136	LOWER EGYPT: DAMANHÛR							
137	MANSÛRA							
	TANTA	1011.4	—	0	35.0	42	0	7
	ZAGÂZÎG	1011.2	ESE	1	34.4	43	0	8
	MIDDLE EGYPT, CAIRO: ALMÂZA	1010.7	E	4	35.6	26	0	8
	EZBEKÎYA	1009.0	NE	3	36.3	32	0	8
	GÎZA	1010.8	N	3	35.1	35	0	8
143	HELWÂN	1010.0	NNE	5	36.5	16	0	7
144	SUEZ	1010.4	N	2	36.0	29	0	7
153	UPPER EGYPT: FAIYÛM	1009.6	NNE	4	37.1	23	0	8
154	MINYA	1008.8	N	3	37.0	26	0	7
155	ASYÛT	1007.1	NNW	3	39.0	12	0	8
156	QENA	1006.2	W	1	39.0	26	0	8
157	LUXOR	1005.3	ESE	1	41.4	46	0	8
158	ASWÂN	1004.6	—	0	44.2	15	0	8
148	WESTERN DESERT: SÎWA	1010.8	—	0	41.5	—	0	6
149	BAHARÎYA	1010.2	NNE	3	39.3	28	0	9
151	KHÂRGA	1006.3	N	1	42.2	18	0	9
152	DÂKHLA	1008.3	NNE	4	40.2	6	0	7
145	RED SEA: TÛR	1006.3	NW	6	31.2	71	0	5
146	HURGHÂDA							
147	QUSEIR	1009.8	N	2	34.2	44	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	Gallabat							

At 8h. on Tuesday 14th — الساعة ٨ يوم الثلاثاء ١٤

	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 m.m. 24 hours	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN: SALÛM	1015.5	+1.3	NNE	4	25.8	41	—	24	—	82	—	7	3	Cb.	3	0	105	—
	MATRÛH	1013.8	-0.7	N	4	27.2	32	+4	25	+5	94	+16	0	6	—	0	0	182	158
130	DIKHEILA	1013.1	—	NW	1	27.8	29	—	23	—	62	—	0	—	—	—	0	145	—
132	ALEXANDRIA	1013.0	-0.8	—	0	26.7	33	+3	23	+1	66	-3	0	7	—	0	0	167	190
159	DAMIETTA	1012.4	—	SW	1	28.0	34	—	20	—	69	—	0	6	—	0	0	75	116
134	PORT SAÏD	1012.7	+0.9	WSW	2	28.0	33	+3	23	0	66	-4	0	7	—	0	0	38	82
135	EL 'ARÎSH	1012.2	—	SSW	1	28.6	34	—	21	—	55	—	0	7	—	0	0	85	91
136	LOWER EGYPT: DAMANHÛR	1012.7	-0.1	WSW	2	29.1	36	+4	23	+5	55	-22	0	7	—	0	0	78	110
137	MANSÛRA	1012.2	—	NE	1	26.5	36	+2	20	0	57	-13	0	8	—	0	0	45	57
	TANTA	1012.4	-0.9	—	0	28.0	36	+2	19	0	57	-17	0	7	—	0	0	54	48
	ZAGÂZÎG	1012.8	—	WNW	2	27.8	35	+2	20	+2	58	-22	0	8	—	0	0	20	28
	MIDDLE EGYPT, CAIRO: ALMÂZA	1012.4	—	ESE	2	27.1	36	—	20	—	51	—	1	4	St	4	0	23	—
	EZBEKÎYA	1012.2	-0.5	—	0	27.0	37	+4	20	0	68	-10	0	5	—	0	0	18	34
	GÎZA	1012.0	-1.0	NNW	1	25.2	36	+4	17	-1	62	-19	0	5	St	0	0	16	31
143	HELWÂN	1011.9	-1.1	—	0	26.0	37	+5	23	+3	37	-32	0	6	St	0	0	17	35
144	SUEZ	1012.6	+0.2	N	2	25.0	37	+3	21	-1	46	-29	0	7	—	0	0	13	26
153	UPPER EGYPT: FAIYÛM	1012.0	-1.0	—	0	28.2	38	+4	19	-1	44	-28	0	6	—	0	0	6	11
154	MINYA	1011.9	-0.2	N	1	27.4	37	+5	20	0	56	-18	0	8	—	0	0	16	—
155	ASYÛT	1011.4	-0.4	NSW	3	26.8	41	+8	23	+2	49	-15	0	7	—	0	0	dr.	5
156	QENA	1009.5	-0.3	W	1	29.0	42	+4	23	+1	48	-5	0	7	—	0	0	dr.	—
157	LUXOR	1009.3	—	NE	1	30.6	43	—	23	—	54	—	0	8	—	0	0	dr.	—
158	ASWÂN	1008.3	-1.6	N	1	32.2	46	+6	26	+2	21	-15	0	8	—	0	0	1	—
148	WESTERN DESERT: SÎWA	1012.7	-0.5	—	0	31.0	44	+9	23	+4	67	+5	0	6	—	0	0	29	7
149	BAHARÎYA	1012.7	—	S	1	30.3	40	—	22	—	41	—	0	9	—	0	0	26	—
151	KHÂRGA	1010.6	-0.7	NE	1	30.6	43	+6	26	+5	41	-16	0	9	—	0	0	0	dr.
152	DÂKHLA	1012.2	-0.1	WNW	1	32.0	42	+5	27	+6	23	-16	0	9	—	0	0	dr.	—
145	RED SEA: TÛR	1008.8	-0.5	NW	3	28.8	32	0	24	+2	70	-2	0	6	—	0	0	14	14
146	HURGHÂDA	1010.6	+0.9	NNW	3	30.5	35	+2	23	0	54	+1	0	6	—	0	0	dr.	1
147	QUSEIR	1009.5	+0.3	NW	2	31.0	36	+3	27	+1	46	-2	0	6	—	0	0	1	7
169	PORT SUDAN	1008.0	-0.1	SW	1	34.3	—	—	27	-1	45	-4	2	—	—	1	0	43	122
165	NORTH SUDAN: WÂDI HALFA	1009.8	-0.7	NSW	2	29.8	44	+5	26	+4	39	+6	0	8	Ac	0	—	—	
166	KAREIMA	1010.8	+1.6	SW	4	29.0	45	+3	27	+1	52	+2	2	6	Cu	0	0	8	32
167	'ATBARA	1010.4	+2.0	SW	2	27.8	41	0	24	-1	47	+1	2	—	—	0	0	76	79
168	KHARTÛM	1012.0	+2.9	SSE	2	29.6	38	-1	21	-4	75	+2	3	8	Ac	9	4	119	142
170	KASSALA	1012.7	+1.6	S	5	25.2	33	-3	21	-2	—	—	4	8	Ac, As	1	0	275	300
171	CENTRAL SUDAN: WAD MEDANI	1013.0	+2.8	ESE	3	25.0	35	-1	20	-2	70	+4	2	—	—	2	dr.	455	360
173	DUEIM	1012.2	+1.8	NE	3	22.4	34	-2	21	-1	81	+15	4	—	—	5	dr.	332	274
	RENK																		
172	ROSEIRES	1013.5	+2.0	WSW	2	22.7	27	-6	20	0	92	+13	4	—	—	5	2	824	695
174	EL OBEID	1014.7	+3.1	NE	5	22.8	32	-3	21	0	74	+7	4	8	Cu, St	1	0	452	308
175	EL FÂSHER	—	—	SW	1	23.0	31	-4	20	0	83	+22	1	—	—	0	0	226	307
176	S. SUDAN: MALAKÂL	1012.6	+0.7	E	2	23.7	28	-4	21	0	83	+2	4	8	Cb.	8	31	716	799
177	WÂU	1012.3	+1.3	S	1	22.7	32	-1	21	+1	90	+7	3	—	—	1	2	880	1031
178	JÛBA	1015.7	+3.5	ESE	3	23.0	36	+3	22	+2	91	+7	5	6	Cb.	8	8	875	831
179	Geneina	—	—	E	2	20.1	31	-3	18	—	91	—	4	8	Cu, St	1	0	—	—
180	Gallabat																		

Upper Wind Observations on 14-9-37 — ارصاد الرياح العليا يوم ١٤-٩-٣٧

Height metres above M.S.L.	Salum 06h. 30m. Dir. E. of N.	Kms. per hour	Matruh 07h. 00m. Dir. E. of N.	Kms. per hour	Cairo 08h. 00m. Dir. E. of N.	Kms. per hour	Helwan 06h. 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 06h. 00m. Dir. E. of N.	Kms. per hour	Kareima 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	El Obeid 06h. 00m. Dir. E. of N.	Kms. per hour	Malakal 06h. 00m. Dir. E. of N.	Kms. per hour	Juba 06h. 00m. Dir. E. of N.	Kms. per hour	Salum 13th 13h. 00m. Dir. E. of N.	Kms. per hour	Almaza 13th 11h. 00m. Dir. E. of N.	Kms. per hour
200	20	18	290	46	340	8	330	17	—	—	—	—	30	19	—	—	—	—	—	—	—	—	—	—	—	—	210	15	40	17
500	—	—	260	39	10	18	0	27	10	54	20	19	50	26	200	51	120	53	—	—	—	—	290	3	—	—	—	—	50	40
1000	60	11	260	30	30	50	30	42	20	60	20	12	90	24			160	56	210	60	210	27	290	19	330	24	220	20	50	64
1500	300	35	270	26			10	55	20	57	130	9	70	27			180	24	220	50	140	8	300	6	0	35	230	30	40	57
2000							0	75			160	10	60	29			220	31	170	23	90	27	240	16	340	56			20	38
3000											180	11	40	18					90	27	70	45	210	18	340	95				
4000											210	8	330	8									200	28						
5000																														
6000																														

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

Cooler tomorrow.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

تنخفض الحرارة غدا .

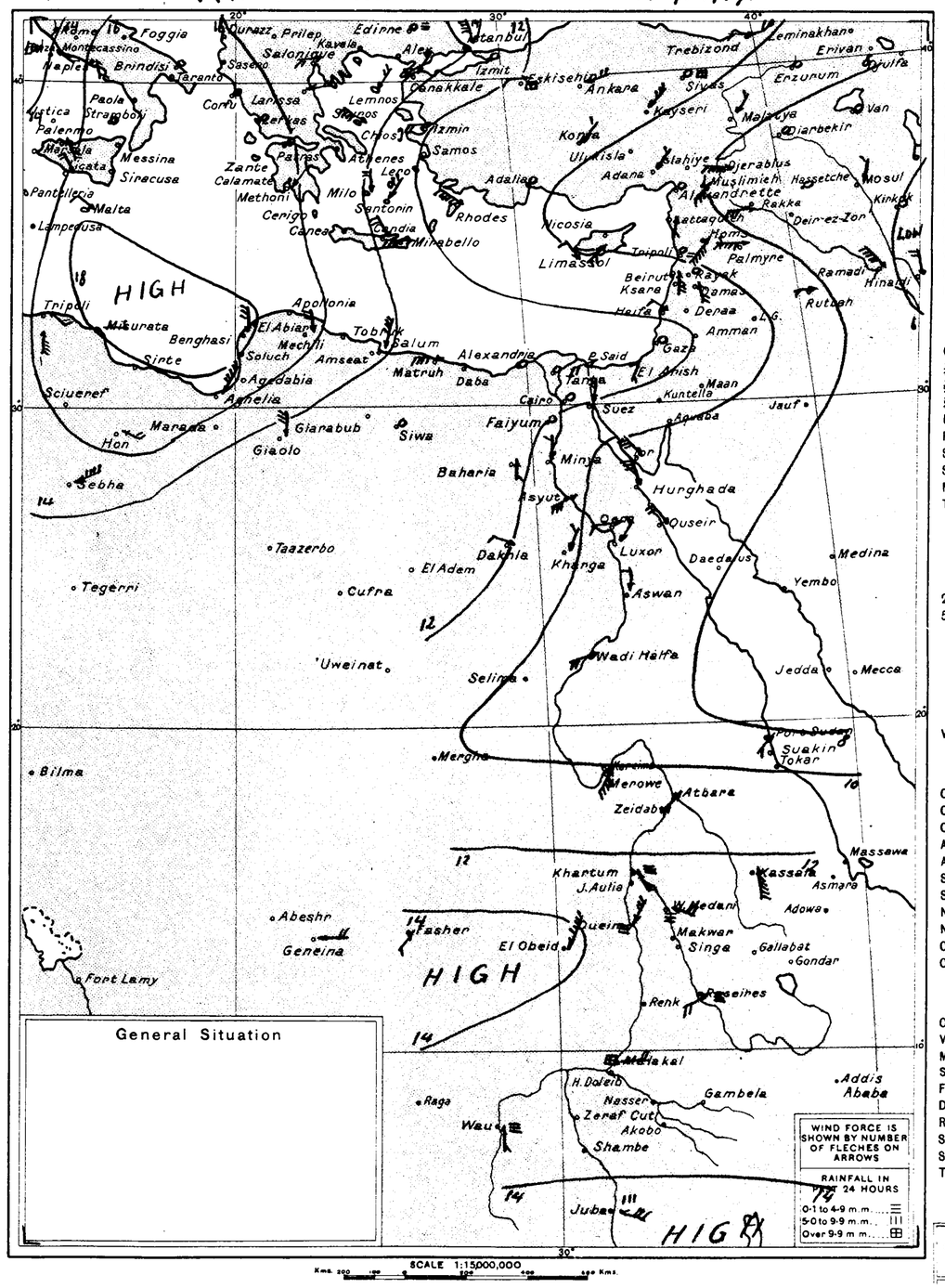
STATION	Mean of day: HUMIDITY % on 13th	Diff. from normal	WET BULB TEMP. °C on 13th	Diff. from normal
Alexandria	86	+19	24.9	+3.8
Ezbekiya	59	-6	22.4	+0.5
Giza	65	-2	22.3	+0.7
Helwân	21	-33	19.1	+0.1

Gîza Grass minimum on 14th 13.8 °C

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

DATE	1937	1936
14-9	8551	9467
13-9	8570	9557

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13-9	13.59	-0.23	13.54	-0.28
* Nâsser	13-9	10.41	+0.15	10.40	+0.16
Malakâl	14-9	12.20	+0.12	12.16	+0.09
Roseires	14-9	18.74	+0.20	17.83	-0.74
Sennâr Res.	13-9	17.22	—	17.19	—
Khartûm	13-9	15.68	+0.04	15.65	+0.02
Kh. el Girba	13-9	13.32	-0.24	13.65	+0.03
'Atbara	13-9	15.04	+0.11	15.16	+0.20
Kajnarti	14-9	142.23	+0.69	142.29	+0.75
Wâdi Halfa	14-9	8.09	+0.40	8.11	+0.41
Aswân Res.	14-9	91.15	—	91.16	—
" D. S.	14-9	92.37	+0.30	92.35	+0.26
El Leisi	14-9	23.69	+0.73	23.60	+0.92
Rôda (Cairo)	14-9	19.62	+0.96	19.64	+0.97



STATION	At 8 h. on 13.9.1937. 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 To day °C	Minimum Diff. from norm. °C	HUMIDITY %	HUMIDITY Diff. from norm. %	PRESENT WEATHER	VISIBILITY	CLOUD FORM	PAST WEATHER	RAINFALL Past m.m. 24 hours	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
Limasol	1011	-1	—	0	30	—	—	—	+4	86	+19	0	—	—	—	—	365	648
Haifa	1011.6	-1.8	WNW	2	30.5	33	+2	25	+4	80	+10	0	9	—	0	0	395	376
Gaza	1012.4	+2.1	—	0	26.9	34	+4	22	+3									

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 7.7.37 published on 8.7.37 should read 8.56 instead of 8.46 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 h. m. 05 39
sunset h. m. 18 01

Month *September* 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-٩-١٥

1417 F.C.

At 14h. on 14th — الساعة ١٤ يوم ١٤ ; At 8h. on Wednesday 15th — الساعة ٨ يوم الاربعاء ١٥

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.
	MEDITERRANEAN	SALÛM	1015.6	NNE	6	26.2	79	0	7	1016.8	+2.5	NNW	3	23.2	33	—	21	—	84	—	1	6	Cu.	0	0	105	
		MATRÛH	1013.4	NW	4	27.8	92	3	6	1014.7	+0.8	NNW	3	25.1	31	+3	24	+4	84	+8	3	6	Cu.	2	0	182	158
		DIKHEILA	1013.1	NNW	1	30.0	77	0	—	1014.3	—	NNW	4	26.4	30	—	25	—	84	—	3	7	Cu.	0	0	145	—
152		ALEXANDRIA	1012.4	—	0	33.2	45	0	9	1014.3	+0.4	NNE	2	26.2	35	+5	25	+3	81	+12	3	8	Cu.	2	0	167	190
159		DAMIETTA								1013.4	—	NNW	1	29.0	33	—	22	—	72	—	0	8	—	0	0	75	116
134		PORT SAÏD	1012.2	NW	3	31.4	67	0	7	1013.3	+1.4	NNW	2	29.3	33	+3	25	+2	70	0	0	7	—	0	0	38	82
135		EL 'ARÎSH	1011.6	NNW	4	30.0	65	0	7	1012.8	—	WSW	1	28.8	34	—	21	—	72	—	0	7	—	0	0	85	91
136	LOWER EGYPT	DAMANHÛR								1014.0	+1.0	NW	2	27.5	36	+4	22	+4	75	−2	0	8	—	0	0	78	110
137		MANSÛRA								1013.6	—	N	2	26.7	37	+4	21	+2	80	+4	0	8	—	0	0	45	57
		TANTA	1012.3	—	0	35.0	37	0	7	1013.9	+0.5	—	0	27.0	37	+3	18	−1	83	+7	0	7	—	0	0	54	48
		ZAGÂZÎG	1011.8	NW	2	35.3	32	0	8	1014.2	—	NNW	1	25.1	35	+2	19	+1	97	+17	2	8	Cu.	1	0	20	28
	MIDDLE EGYPT	CAIRO ALMÂZA	1011.5	N	4	35.0	24	0	8	1014.2	—	N	2	24.2	36	—	18	—	87	—	4	6	St.	2	0	23	—
		CAIRO EZBEKÎYA	1011.2	NNW	2	36.4	30	0	8	1013.6	+0.8	NNE	1	23.9	37	+4	21	+1	92	+14	8	4	St.	2	0	18	34
		CAIRO GÎZA	1011.4	N	3	35.1	30	0	6	1013.8	+0.6	N	1	24.4	36	+4	20	+2	92	+11	8	4	St.	1	0	16	31
143		HELWÂN	1010.6	NNW	5	35.9	17	0	6	1013.4	+0.3	NW	2	24.6	37	+5	22	+2	72	+3	0	6	—	0	0	17	35
144		SUEZ	1010.3	N	2	36.3	23	0	7	1011.5	−0.6	N	1	22.0	36	+2	20	−2	70	−7	0	7	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1010.7	N	4	38.0	19	0	8	1013.5	+0.4	NNW	4	27.3	38	+4	21	+1	70	−2	0	6	—	1	0	6	11
154		MINYA	1010.4	NNW	3	36.7	23	0	7	1011.6	−0.6	N	3	26.0	37	+5	23	+3	59	−15	0	6	—	0	0	16	—
155		ASYÛT	1008.7	NNW	5	37.0	18	0	8	1011.2	−0.8	NNE	3	27.2	39	+6	22	+1	75	+11	0	7	—	0	0	Dr.	5
156		QENA	1007.0	W	1	39.4	21	0	8	1009.6	−0.3	WNW	1	28.8	41	+3	22	0	47	−6	0	7	—	0	0	Dr.	—
157		LUXOR	1006.7	ESE	2	40.7	41	0	8	1009.1		—	0	28.6	41	—	21	—	59	—	0	8	—	0	0	Dr.	—
158		ASWÂN	1005.4	—	0	43.8	19	0	8	1008.3	−1.7	—	0	30.2	45	+5	26	+2	23	−13	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1011.8	—	0	41.5	—	0	6	1014.8	+1.5	—	0	26.4	43	+8	22	+4	75	+13	0	6	—	0	0	29	7
149		BAHARÎYA	1010.8	NNW	4	40.2	16	0	9	1013.9	—	NNE	2	26.2	41	—	23	—	77	—	0	9	—	0	0	26	—
151		KHÂRGA	1009.3	NE	5	41.5	18	0	9	1010.3	−1.1	N	4	31.9	42	+5	27	+6	38	−13	0	9	—	0	0	0	Dr.
152		DÂKHLA	1008.7	NNE	5	41.0	11	0	6	1012.2	−0.2	NNE	3	32.1	42	+5	26	+5	24	−17	0	8	—	0	0	Dr.	—
145	RED SEA	TÔR	1007.0	NW	5	31.6	65	0	6	1009.1	−0.4	NW	2	28.5	33	+1	24	+2	62	−10	0	6	—	0	0	14	14
146		HURGHÂDA																									
147		QUSEIR	1008.8	NNW	3	33.0	44	0	6	1009.8	+0.5	N	2	31.1	35	+2	26	0	33	−15	0	6	—	0	0	1	7
169		PORT SUDAN								1007.5	−0.7	NW	4	37.5	—	—	29	+1	26	−23	1	—	—	0	0	43	122
165	NORTH SUDAN	WÂDI HALFA								1010.3	−0.4	N	3	28.7	42	+3	25	+3	33	0	0	7	—	0	—	—	
166		KAREIMA								1010.1	+0.9	SSW	4	31.3	42	0	28	+2	48	+19	2	8	Cs, Ac	0	0	8	32
167		'ATBARA								1010.0	+1.6	SW	2	31.0	34	−7	26	+1	37	+9	0	—	—	0	0	76	79
168		KHARTÛM								1011.5	+2.4	SE	3	27.5	32	−7	25	0	69	+17	3	8	Ac, As	1	0	119	142
170		KASSALA								1011.5	+0.4	SSE	1	26.9	31	+5	23	0	—	—	3	8	Ac, As	1	0	275	302
171	CENTRAL SUDAN	WAD MEDANI								1011.2	+1.0	SSW	2	27.3	35	−1	22	0	69	+3	2	—	—	1	0	455	362
173		DUEIM								—	—	SE	3	26.8	35	−1	22	0	88	+14	3	—	—	1	6	338	276
		RENK																									
172		ROSEIRES								1011.0	−0.4	S	2	25.2	32	−1	21	+7	73	−6	1	—	—	0	Dr.	824	700
174		EL OBEID								1011.9	+0.3	SSW	3	26.0	31	−4	—	—	76	+9	0	8	Ac.	0	0	452	311
175		EL FÂSHER								—	—	SE	1	25.0	37	+1	22	+2	80	+22	0	—	—	0	0	226	308
176	S. SUDAN	MALAKÂL								1011.2	−0.7	ENE	2	27.1	32	0	23	+2	84	+3	2	8	Ac.	1	11	727	804
177		WÂU								1011.9	+0.9	W	1	25.0	33	0	22	+2	80	−3	3	—	—	2	25	905	1036
178		JÛBA								1013.6	+1.4	SW	2	24.2	33	0	21	+1	83	−1	0	9	Sc.	5	Dr.	875	835
179		Geneina								—	—	NE	3	19.9	32	—	18	—	91	—	0	8	Ac.	0	18	—	—
180		Gallabat																									

Upper Wind Observations on 15th — ارصاد الرياح العليا يوم ١٥

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.15m. Dir.	Kms.	Helwan 08h.15m. Dir.	Kms.	Asyut 07h.00m. Dir.	Kms.	Aswan 07h.00m. Dir.	Kms.	W. Halfa 06h.00m. Dir.	Kms.	Kareima 06h.00m. Dir.	Kms.	Khartum 05h.00m. Dir.	Kms.	Kassala 07h.00m. Dir.	Kms.	El Obeid 07h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 06h.00m. Dir.	Kms.	Salum on 14th 13h.00m. Dir.	Kms.	Almaza 14th 11h.45m. Dir.	Kms.
200	340	22	320	24	340	16	340	16	—	—	—	—	320	10	—	—	—	—	—	—	—	—	—	—	—	—	20	41	340	11
500	—	—	320	28			20	26	20	42	10	15	270	2	170	21	190	21	—	—	—	—	50	14	—	—	—	—	20	22
1000	310	48	Ext.	Cu.			40	18	30	46	160	8	—	0	190	24	210	11	210	14	190	14	90	8	230	21	50	7	10	37
1500	310	51					40	30	30	39	130	14	—	0	90	11	240	11	230	3	170	13	110	6	200	14			10	50
2000	310	96					20	31			140	11			0	24	240	11	130	6	90	21	160	10	190	10			0	66
3000											270	8					250	6	50	31	90	24	230	5	160	11				
4000											220	11							80	37			170	11	210	29				
5000																							130	14	210	19				
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	74	+7	23.9	+2.9
Ezbekiya	56	−9	22.9	+1.0
Gîza	51	−16	21.5	−0.1
Helwân	30	−24	19.2	+0.2

Gîza Grass minimum on 15th 17.2 °C

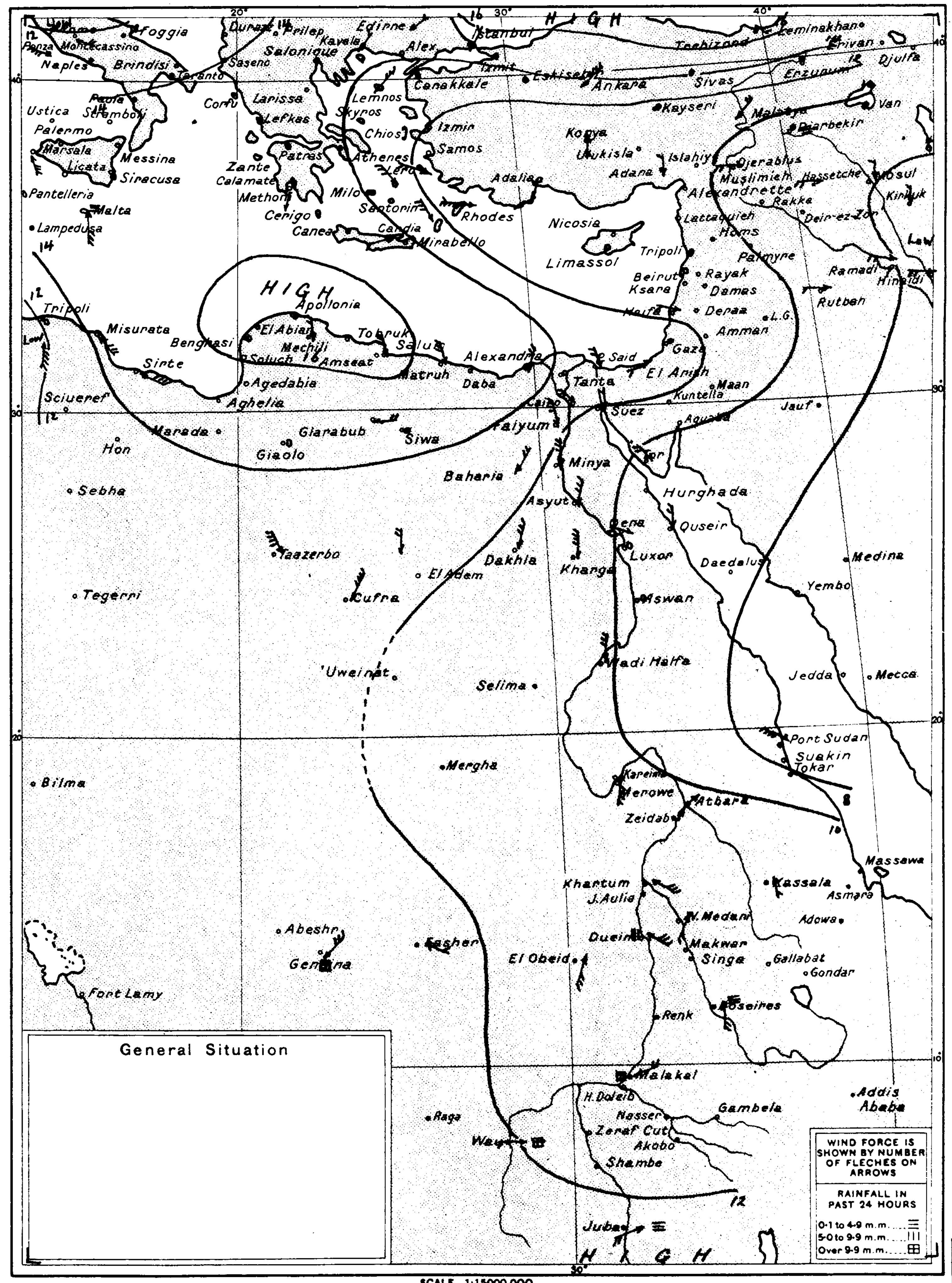
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
15.9	8513	9376
14.9	8551	9467

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13.9	13.59	−0.23	13.54	−0.28
Nâsser	13.9	10.41	+0.15	10.40	+0.16
Malakâl	15.9	12.22	+0.13	12.20	+0.12
Roseires	15.9	19.03	+0.52	18.74	+0.20
Sennâr Res.	14.9	17.25	—	17.22	—
Khartûm	14.9	15.48	−0.11	15.65	+0.04
Kh. el Girba	14.9	13.59	+0.08	13.32	−0.24
'Atbara	15.9	14.98	+0.10	15.03	+0.13
Kajnarti	15.9	142.19	+0.69	142.23	+0.69
Wâdi Halfa	15.9	8.08	+0.41	8.09	+0.40
Aswân Res.	15.9	97.13	—	97.15	—
,, D. S.	15.9	92.37	+0.32	92.37	+0.30
El Leisi	15.9	23.55	+0.89	23.60	+0.93
Rôda (Cairo)	15.9	19.60	+0.94	19.62	+0.96

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

Pressure and Wind at 8 h. 15-9-1937



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 14-9-1937 — الساعة ٨ يوم ١٤-٩-١٩٣٧

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.	محطة
Limassol	1011	−1	SW	2	29	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.0	+2.1	WNW	1	29.3	33	+2	24	+3	87	+20	0	—	—	—	0	365	648	حيفا
Gaza	1012.3	+1.9	—	0	25.8	35	+5	20	+1	82	+12	0	9	—	0	0	395	376	غزة

Remarks

Nasser River Gauge Reading for 6.7.1937 published on 8-7-1937 should read 8.50 instead of 8.40 M.

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

CAIRO
Time of sunrise 05 h. 39 m.
sunset 17 h. 39 m.

MINISTRY OF PUBLIC WORKS · PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1937 — ١٩٣٧ شهر سبتمبر

١٩٣٧-٩-١٦ Pressure and Wind at 8 h. 16-9-1937

1417 F.C.

At 14 h. on 15th — الساعة ١٤ يوم ١٥

		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	4	25.3	80	0	7
131		MATRÛH	1014.2	NW	4	26.6	73	1	6
150		DIKHEILA	1013.8	NNW	4	27.5	75	0	—
132		ALEXANDRIA	1013.3	NW	3	27.0	63	0	9
159		DAMIETTA							
134		PORT SAÏD	1012.3	NNW	3	31.9	62	0	7
135		EL 'ARÎSH	1011.2	NNW	2	30.0	75	0	7
136	LOWER EGYPT	DAMANHÛR							
137		MANSÛRA							
		TANTA	1012.0	NW	2	33.5	47	0	7
		ZAGAZÎG	1011.6	NW	1	34.1	47	0	8
	MIDDLE EGYPT CAIRO	ALMÂZA	1011.9	WNW	3	34.3	49	0	7
		EZBEKÎYA	1011.2	NNE	1	34.9	50	0	8
		GÎZA	1011.2	N	2	33.7	47	0	8
143		HELWÂN	1010.6	N	2	35.3	36	0	6
144		SUEZ	1010.7	N	2	36.0	33	0	7
153	UPPER EGYPT	FAIYÛM	1010.3	NNE	4	36.7	27	0	8
154		MINYA	1009.5	NNW	3	36.0	35	0	7
155		ASYÛT	1007.8	NNW	3	37.0	19	0	8
156		QENA	1007.2	W	1	39.7	19	0	8
157		LUKOR	1006.7	E	2	40.4	42	0	8
158		ASWÂN	1004.4	—	0	42.6	14	1	8
148	WESTERN DESERT	SÎWA	1013.4	N	1	37.5	27	0	6
149		BAHARÎYA	1011.6	NNE	2	37.3	36	0	9
151		KHÂRGA	1007.2	N	4	40.6	23	0	9
152		DÂKHLA	1009.6	NNE	5	40.2	9	7	3
145	RED SEA	TÛR	1007.5	NW	4	31.6	72	0	6
146		HURGHÂDA							
147		QUSEIR	1009.1	NNW	2	34.0	41	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		Gallabat							

At 8 h. on Thursday 16th — الساعة ٨ يوم الخميس ١٦

	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	SALÛM	1015.5	+1.0	NNE	3	23.9	26	—	20	—	89	—	4	6	Sc	2	0	105	—
131	MATRÛH	1013.9	-0.1	NNW	3	25.2	27	-1	24	+4	81	+5	3	6	Cu	2	0	182	158
150	DIKHEILA	1013.6	—	N	3	25.4	28	—	24	—	65	—	3	9	Sc	2	0	145	—
132	ALEXANDRIA	1013.3	-0.7	NE	1	25.3	30	0	23	+1	68	-1	3	8	Cu	2	0	167	190
159	DAMIETTA	1012.6	—	NW	1	26.5	32	—	21	—	66	—	1	8	Ac	1	0	75	116
134	PORT SAÏD	1012.7	+0.7	NNW	2	27.3	32	+2	23	0	63	-7	1	7	Cu	1	0	38	82
135	EL 'ARÎSH	1011.8	—	NNW	2	28.0	31	—	27	—	70	—	4	7	Cu	1	0	85	91
136	DAMANHÛR	1013.4	+0.3	N	2	26.6	33	+1	21	+3	65	-12	3	8	Ac	1	0	78	110
137	MANSÛRA	1012.7	—	E	1	25.0	35	+2	20	+1	63	+13	0	8	—	0	0	45	57
	TANTA	1013.4	-0.2	—	0	25.0	35	+1	17	-2	68	-8	0	7	—	0	0	54	48
	ZAGAZÎG	1013.1	—	NNW	1	25.1	35	+2	19	+1	74	-6	0	8	—	0	0	20	28
	CAIRO ALMÂZA	1013.1	—	NNE	2	25.0	35	—	19	—	68	—	1	7	Sc	1	0	23	—
	EZBEKÎYA	1012.6	-0.3	NNE	3	25.0	36	+3	21	+1	78	0	0	5	—	0	0	18	34
	GÎZA	1012.6	-0.7	NNE	2	24.7	35	+3	20	+3	72	-9	0	6	Cu	1	0	16	31
143	HELWÂN	1012.2	-1.0	N	4	25.8	36	+4	21	+1	67	-2	0	6	—	0	0	17	35
144	SUEZ	1012.3	+0.1	NW	2	26.2	37	+3	22	0	75	-2	0	7	—	0	0	13	26
153	FAIYÛM	1012.3	-0.9	NNE	3	25.0	38	+4	21	+2	69	-3	0	6	—	0	0	6	11
154	MINYA	1010.4	-1.9	N	2	25.0	36	+4	23	+3	72	-2	0	8	—	1	0	16	—
155	ASYÛT	1009.9	-2.2	NNW	3	27.2	40	+7	24	+3	68	+4	0	7	—	0	0	dr.	5
156	QENA	1008.6	-1.4	WNW	1	28.5	40	+2	23	+2	61	+8	0	7	—	0	0	dr	—
157	LUKOR	1007.8	—	ESE	2	30.8	42	—	23	—	56	—	0	8	—	0	0	dr	—
158	ASWÂN	1006.7	-3.4	—	0	30.7	44	+4	25	+1	25	-11	2	8	Cu	1	0	1	—
148	SÎWA	1012.8	-0.6	—	0	25.0	39	+4	21	+3	87	+25	4	6	Cs,Sc	2	0	29	7
149	BAHARÎYA	1013.3	—	ENE	3	24.2	38	—	20	—	71	—	0	9	—	0	0	26	—
151	KHÂRGA	1008.3	-3.2	N	3	30.0	41	+4	27	+6	45	-6	0	9	—	0	0	0	dr.
152	DÂKHLA	1010.8	-1.7	NNW	4	28.6	41	+4	27	+6	42	+1	0	7	—	0	0	dr.	—
145	TÛR	1008.3	-1.4	NW	5	27.5	32	+1	22	0	82	+10	0	5	—	0	0	14	14
146	HURGHÂDA	1009.4	-0.6	NNW	4	29.3	34	+1	24	+1	66	+12	0	6	—	0	0	dr	1
147	QUSEIR	1008.7	-0.7	NNW	3	31.5	35	+2	27	+1	50	+2	0	6	—	0	0	1	7
169	PORT SUDAN	1006.8	-1.5	NE	1	35.0	—	—	27	-1	50	+1	0	—	—	0	0	43	122
165	WÂDI HALFA	1008.9	-1.9	SE	2	27.8	42	+3	24	+2	31	-2	0	7	Ac	0	—	—	
166	KAREIMA	1008.5	-0.8	SSW	5	30.3	42	0	28	+2	47	+18	2	7	As,As	0	3	11	32
167	'ATBARA																		
168	KHARTÛM	1008.5	-0.5	ENE	2	30.0	42	+2	25	0	47	-5	2	8	Cs,Ac	1	0	119	143
170	KASSALA	1008.7	-2.4	SE	1	25.0	35	-1	21	-2	—	—	3	8	As	1	4	279	304
171	WAD MEDANI	1008.0	-2.2	SE	1	28.4	37	0	23	+1	58	-8	1	—	—	0	0	455	364
173	DUEIM	1009.1	-1.2	E	3	29.2	36	0	25	+3	63	-2	0	—	—	0	0	338	278
	RENK																		
172	ROSEIRES	1009.3	-2.1	WNW	2	26.0	35	+2	21	+1	78	-7	0	—	—	0	0	824	705
174	EL OBEID	1009.6	-2.0	S	3	26.7	34	-1	22	+1	63	-3	2	8	Cs,Ac	0	0	452	314
175	EL FÂSHER	—	—	W	1	27.0	35	-1	21	+1	66	+9	0	—	—	0	0	226	309
176	MALAKÂL	1009.3	-2.5	N	2	25.1	33	+1	22	0	92	+11	3	8	Ac	1	1	728	809
177	WÂU	1009.9	-1.1	N	1	24.4	32	-1	21	+1	80	-3	2	—	—	0	0	905	1041
178	JÛBA	1011.7	-0.5	NW	3	26.0	35	+2	21	+1	84	+1	1	9	Sc,Cu	8	1	876	838
179	Geneina	—	—	—	0	21.8	32	—	18	—	82	—	2	8	Sc	0	2	—	—
180	Gallabat																		

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. E of N.	Kms per hour	Dikheila 07h.00m. Dir. E of N.	Kms per hour	Cairo 07h.15m. Dir. E of N.	Kms per hour	Hebron 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	W. Halfa 06h.00m. Dir. E of N.	Kms per hour	Kareima 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	Malakal 06h.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	Helwan 11h.30m. Dir. E of N.	Kms per hour
200	0	18	0	12	350	10	30	20	30	14	—	—	—	—	290	8	—	—	—	—	—	—	—	—	—	—	0	25	10	30
500	0	24	0	20	10	17	50	27	40	19	20	50	50	22	10	11	160	37	70	42	—	—	330	14	—	—	—	—	20	24
1000	0	46	0	35					120	6	30	30	210	5	280	5	170	19	90	63	190	5	0	5	40	11	320	49	20	23
1500	0	46	10	32					140	13	20	15	140	9	160	5	190	5	50	31	60	2	130	5	90	27	320	38	40	19
2000	cnt. Cu								220	13			140	12	170	10	10	5	50	31			130	10	120	45			10	18
3000									10	19			120	17	170	11	60	31					150	11	150	48				
4000									30	22					160	18							90	13						
5000									40	18													80	18						
6000									70	11																				
7000									40	27																				

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

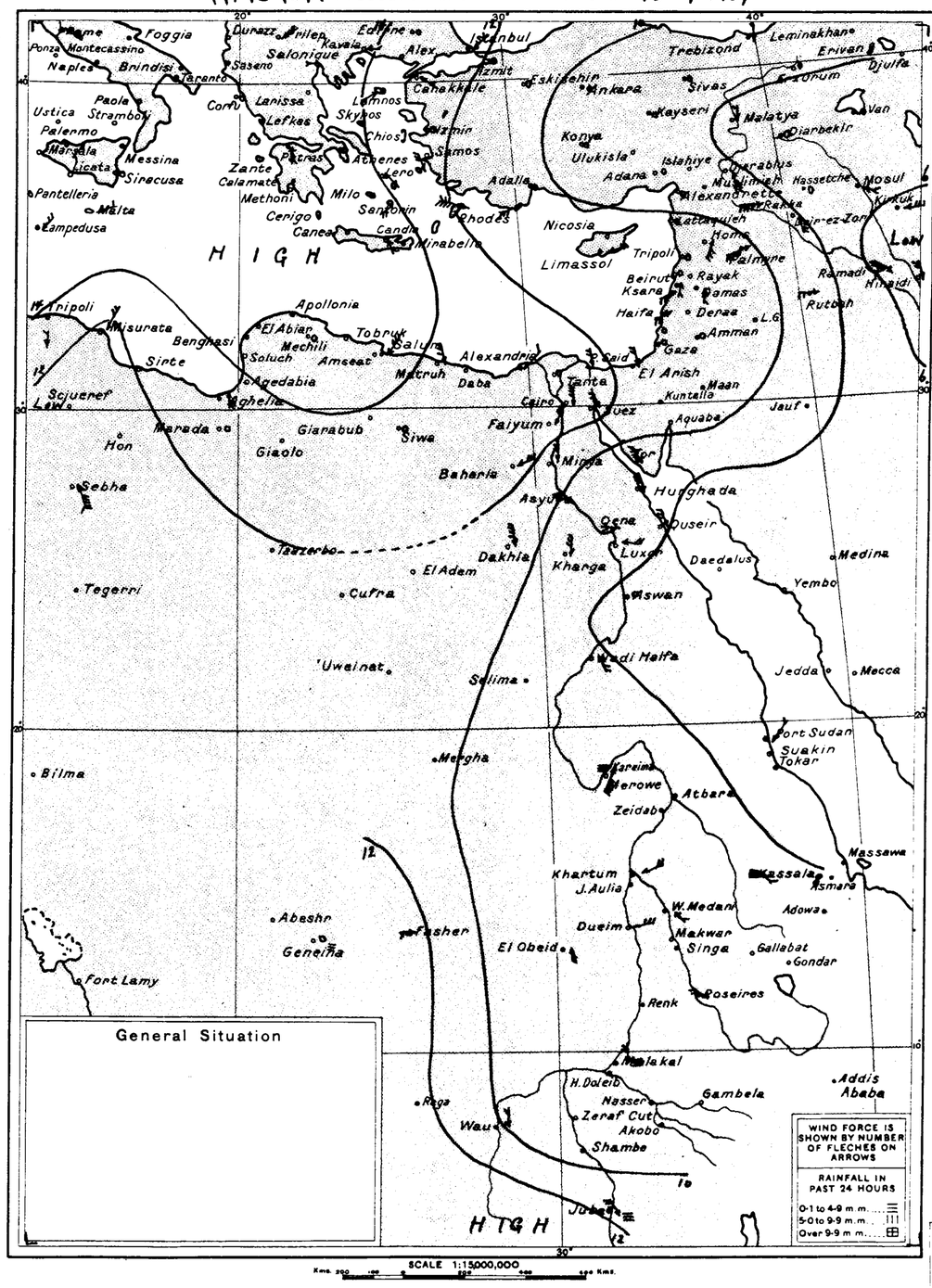
STATION	Mean of day: Humidity % on 15th	Humidity Diff. from normal	Wet Bulb Temp. °C on 15th	Wet Bulb Temp. Diff. from normal
Alexandria	71	+4	22.9	+2.6
Ezbekiya	75	+10	24.6	+2.8
Giza	74	+8	24.1	+2.6
Helwân	59	+5	22.6	+3.7

Giza Grass minimum on 16th 18.4°c

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

DATE	1937	1936
16-9	8475	9280
15-9	8513	9376

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	15-9	13.60	-0.23	13.54	-0.28
Nâsser	15-9	10.43	+0.15	10.42	+0.16
Malakâl	16-9	12.22	+0.12	12.22	+0.13
Roseires	16-9	19.33	+0.85	19.03	+0.52
Sennâr Res.	15-9	17.20	—	17.25	—
Khartûm	16-9	15.29	-0.23	15.38	-0.18
Kh. el Girba	15-9	13.90	+0.45	13.59	+0.08
'Atbara	16-9	14.85	+0.02	14.78	+0.10
Kajnarti	16-9	142.11	+0.66	142.19	+0.69
Wâdi Halfa	16-9	8.06	+0.41	8.08	+0.41
Aswân Res.	16-9	97.11	—	97.13	—
,, D.S.	16-9	92.37	+0.33	92.37	+0.33
El Leisi	16-9	23.42	+0.77	23.53	+0.89
Rôda (Cairo)	16-9	19.46	+0.80	19.60	+0.94



STATION	At 8 h. on 15-9-1937 — الساعة ٨ يوم ١٥-٩-١٩٣٧ 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.	معـد
Limassol	1012	0	—	0	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.4	+2.4	WNW	1	28.7	33	+2	23	+2	72	+5	1	—	—	—	0	365	648	حيفا
Gaza	1013.1	+2.6	—	0	26.0	34	+5	19	0	75	+5	0	9	—	0	0	395	376	غزة
Ships	53285	—	33106	—	29705	—	09778												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
Khashm el Girba River Gauge Reading for 31-7-37 published on 1&2-8-37 should read 12.94 instead of 12.24 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. 5 40
sunset h. m. 17 52

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

Month *September* 1937 ١٩٣٧ شهر سبتمبر

DAILY WEATHER REPORT ١٩٣٧-٩-١٧

At 14h. on 16th الساعة ١٤ يوم ١٦ — At 8h. on *Friday 17th* الساعة ٨ يوم الجمعة ١٧

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.	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	1015.5	NNE	4	27.2	71	4	7	1015.6	+1.0	S	3	26.0	28	—	21	—	54	—	4	7	Ac	2	0	105	—
131	MATRÛH	1013.8	N	2	27.2	80	0	6	1014.6	+0.5	W	1	24.7	27	-1	21	+1	92	+16	0	6	—	0	0	182	152
150	DIKHEILA	1013.8	NNW	4	26.8	68	0	—	1014.1	—	N	2	26.4	27	—	25	—	81	—	0	—	—	—	0	145	—
192	ALEXANDRIA	1012.7	NNE	5	28.0	60	0	9	1013.9	-0.2	NNE	2	26.0	29	-1	24	+2	76	+7	1	8	Cu	0	0	167	191
154	DAMIETTA								1012.8	—	SSW	1	26.6	30	—	20	—	76	—	0	8	—	1	0	75	116
134	PORT SAÎD	1012.0	NNW	3	27.8	55	0	7	1012.8	+0.7	WSW	2	26.5	31	+1	23	0	73	+3	2	7	Cu	1	0	38	82
135	EL 'ARÎSH	1011.2	NNW	2	29.0	71	0	7	1012.6	—	NNW	1	28.0	30	—	23	—	72	—	2	7	Cu	1	0	85	91
136	LOWER EGYPT: DAMANHÛR								1013.6	+0.4	WNW	1	26.5	30	-2	20	+2	74	-4	0	8	—	0	0	78	110
137	MANSÛRA								1013.0	—	NNE	1	24.9	32	-1	20	+1	80	+4	1	7	Ac	1	0	45	57
138	TANTA	1011.4	N	2	31.0	50	0	7	1013.6	-0.1	—	0	24.5	32	-2	18	-1	76	0	3	6	Cu	2	0	54	48
	ZAGÂZIG	1012.4	NNW	1	31.7	48	0	8	1014.2	—	WSW	1	23.6	32	-1	18	0	86	+6	1	8	Cc.	1	0	20	28
	MIDDLE EGYPT: CAIRO ALMÂZA	1011.6	NNW	3	31.9	53	0	8	1013.8	—	ENE	2	24.6	32	—	17	—	73	—	1	8	St.	1	0	23	—
	CAIRO EZBEKÎYA	1010.7	NE	2	32.0	52	0	8	1013.4	+0.4	N	3	23.5	33	0	20	0	84	+6	0	6	Cu	0	0	18	34
	CAIRO GÎZA	1010.4	NNW	3	30.7	52	0	7	1013.5	+0.1	NNW	1	22.7	32	0	17	0	85	+4	0	4	Cu	0	0	16	31
143	HELWÂN	1009.1	NNW	5	33.0	35	0	6	1013.1	-0.2	NNE	4	23.5	34	+2	19	-1	72	+3	0	7	—	0	0	17	35
144	SUEZ	1010.2	N	2	35.2	31	0	7	1013.1	+0.8	NW	4	24.2	36	+2	23	+1	77	0	0	7	—	0	0	13	26
153	UPPER EGYPT: FAIYÛM	1010.0	N	4	33.4	38	0	7	1013.4	+0.1	NNE	4	24.0	34	+1	20	+1	75	+3	0	6	—	0	0	6	11
154	MINYA	1008.7	NNE	2	33.6	38	0	9	1012.2	-0.2	NNW	2	23.0	34	+2	20	0	78	+4	0	8	—	0	0	16	—
155	ASYÛT	1007.8	NNW	3	36.2	26	0	8	1011.4	-0.8	WSW	4	25.0	38	+5	21	0	68	+4	0	7	—	0	0	tr	5
156	QENA	1006.3	WSW	1	39.0	38	0	8	1009.1	-1.0	WNW	2	28.5	41	+3	24	+3	64	+11	0	7	—	0	0	tr	—
157	LUXOR	1005.8	ESE	1	41.4	43	0	8	1009.0	—	—	0	29.8	42	—	23	—	63	—	0	8	—	0	0	tr	—
158	ASWÂN	1003.1	—	0	44.2	18	2	8	1007.5	-2.7	—	0	33.5	46	+6	28	+4	39	+3	3	8	Cu	2	0	1	—
148	WESTERN DESERT: SÎWA	1013.4	N	2	33.7	47	4	6	1014.6	+1.1	—	0	27.3	36	+1	20	+2	68	+6	0	6	—	0	0	29	7
149	BAHARÎYA	1010.8	NE	4	33.4	37	0	9	1014.6	—	N	3	22.4	34	—	19	—	84	—	0	9	—	0	0	26	—
151	KHÂRGA	1006.2	N	3	40.3	21	0	9	1009.5	-2.1	N	3	28.9	40	+3	24	+3	50	-1	0	9	—	0	0	0	tr
152	DÂKHLA	1008.2	NNW	3	37.0	19	0	8	1012.0	-0.6	NNW	1	28.0	38	+1	23	+2	44	+3	0	8	—	0	0	tr	—
145	RED SEA: TÔR	1006.6	NW	5	30.0	—	0	5	1009.3	-0.5	NW	5	27.0	32	+1	25	+3	80	+8	0	5	—	0	0	14	14
146	HURGHÂDA								1010.7	+0.5	NNW	4	23.1	33	0	26	+3	67	+13	0	6	—	0	0	tr	1
147	QUSEIR	1008.0	N	2	33.1	53	0	6	1008.7	-0.9	NW	2	31.0	34	+1	27	+1	47	-1	0	6	—	0	0	1	7
169	PORT SUDAN								1006.0	-2.4	SE	2	34.5	—	—	25	-3	40	-10	2	—	—	0	0	43	122
165	NORTH SUDAN: WÂDI HALFA								1008.4	-2.4	NNE	1	28.6	42	+3	25	+3	36	+3	0	7	—	0	—	—	—
166	KAREIMA								1007.5	-1.9	—	0	32.0	42	0	27	+1	38	+9	0	8	—	0	0	11	33
167	'ATBARA								1007.6	-0.9	SSW	3	33.5	40	-1	27	+2	30	+3	0	—	—	0	0	76	80
168	KHARTÛM								1009.2	+0.2	SSW	3	32.0	39	-1	25	0	38	-13	3	8	Ac.	0	0	119	144
170	KASSALA								1010.0	-1.0	S	4	25.6	34	-2	23	0	—	—	2	8	Fn.	0	0	279	306
171	CENTRAL SUDAN: WAD MEDANI								1010.0	-0.2	S	1	24.0	37	0	22	0	79	+13	4	—	—	2	dr.	455	367
173	DUEIM								1009.5	-0.8	SW	3	26.2	37	0	22	0	66	+1	4	—	—	8	10	348	279
	RENK																									
172	ROSEIRES								1011.2	-0.2	SSW	2	23.7	36	+3	21	+1	78	0	4	—	—	2	0	824	710
174	EL OBEID								1010.9	-0.7	SSW	3	22.0	36	+1	21	0	91	+26	5	8	[illegible]	8	[illegible]	456	317
175	EL FÂSHER								—	—	SE	2	23.5	30?	-6	22	+2	87	+3	3	—	—	0	0	226	310
176	S. SUDAN: MALAKÂL								1011.0	-0.8	W	1	24.6	33	+1	22	0	84	+3	4	8	Cb	1	2	730	814
177	WÂU								1011.2	+0.2	SW	1	23.0	34	+1	20	0	85	+3	1	—	—	2	7	912	1047
178	JÛBA								1012.8	+0.6	E	4	24.0	36	+3	21	+1	75	-8	4	9	Sc	2	tr.	876	842
179	Geneina								—	—	SW	3	20.6	32	—	19	—	91	—	4	8	Sc	2	20	—	—
180	Gallabat																									

Upper Wind Observations on 17th ارصاد الرياح العليا يوم ١٧

Height metres above M.S.L.	W. Halfa 06h 00m Dir. E. of N.	Kms. per hour	Kareima 06h 08m Dir.	Kms. per hour	Khartum 05h 00m Dir.	Kms. per hour	Kassala 07h 08m Dir.	Kms. per hour	El Obeid 06h 08m Dir.	Kms. per hour	Malakal 06h 00m Dir.	Kms. per hour	Juba 06h 00m Dir.	Kms. per hour	Geneina 07h 08m Dir.	Kms. per hour	Salum 13h 00m Dir.	Kms. per hour	Almaza 12h 00m Dir.	Kms. per hour
200	10	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	25	10	12
500	50	21	240	5	210	35	—	—	—	—	350	14	—	—	—	—	—	—	20	28
1000	40	23	240	3	230	18	230	50	180	32	30	11	—	—	260	21	0	32	120	40
1500	40	21			250	18	200	26	140	14	50	5	310	10	220	40	10	14	110	10
2000	70	14			240	24	210	11	100	27	220	10	50	14					10	17
3000	130	19			190	16			20	40	230	16	130	31					330	24
4000	130	23							50	34	140	18							30	12
5000																				
6000																				

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة في ٢٤ ساعة مرظهر

Station	Mean of day: Humidity % on 16th	Diff. from normal	Wet bulb temp. °C on 16th	Diff. from normal
Alexandria	70	+3	21.9	+1.0
Ezbekiya	70	+5	23.2	+1.5
Gîza	67	0	22.3	+0.8
Helwân	58	+4	21.4	+2.5

Gîza Grass minimum on 17th 15.1 °C

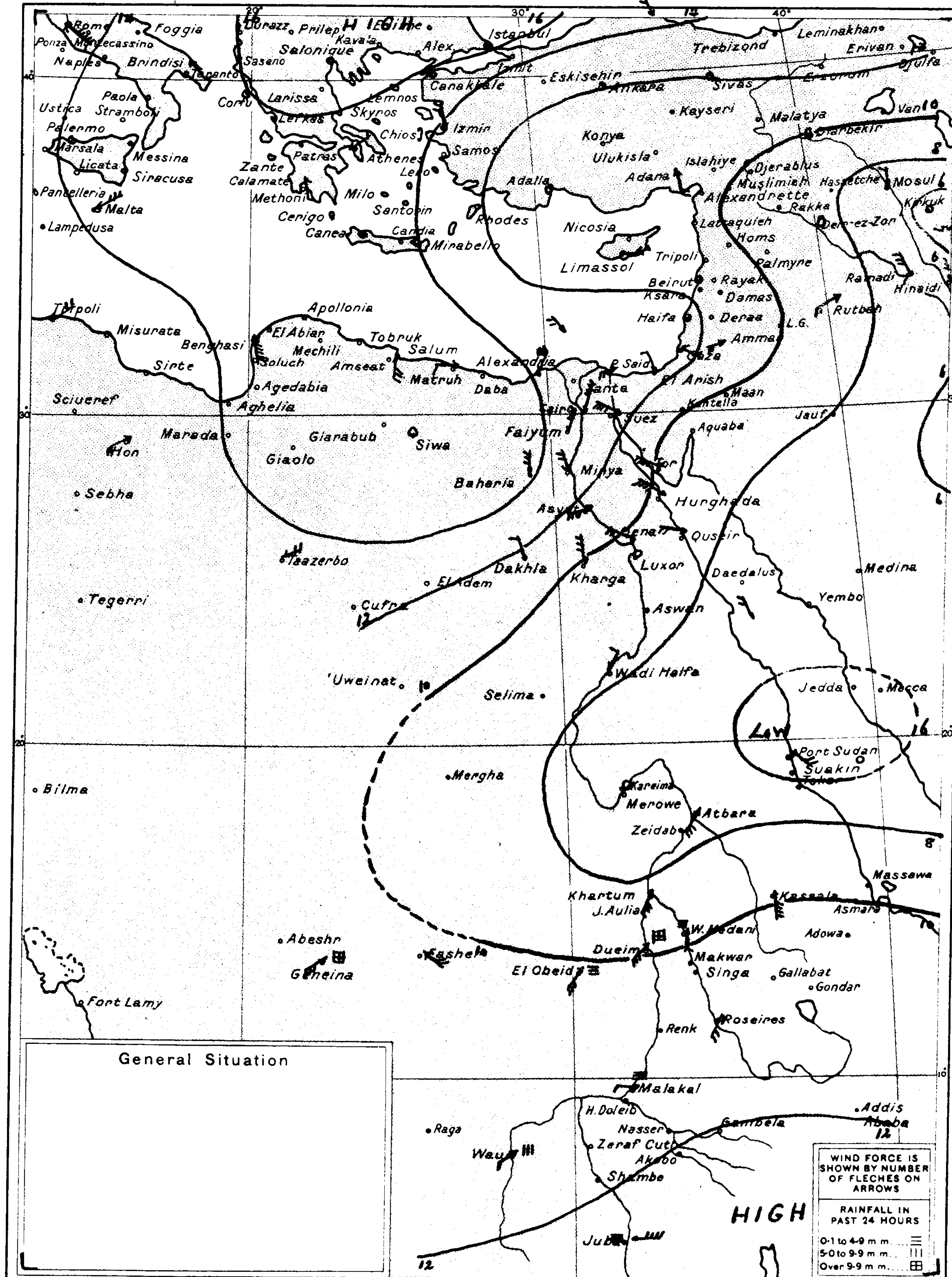
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
17.9	8402	9395
16.9	8475	9280

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17.9	13.54	-0.29	13.58	-0.25
Nâsser	17.9	10.46	+0.16	10.44	+0.15
Malakâl	17.9	12.22	+0.11	12.22	+0.12
Roseires	17.9	19.03	+0.61	19.33	+0.85
Sennâr Res.	17.9	17.21	—	17.18	—
Khartûm	17.9	15.44	-0.06	15.29	-0.23
Kh. el Girba	17.9	13.45	+0.10	13.40	0.00
'Atbara	17.9	14.90	+0.11	14.85	+0.02
Kajnarti	17.9	142.02	+0.59	142.11	+0.66
Wâdi Halfa	17.9	8.00	+0.39	8.06	+0.41
Aswân Res.	17.9	97.07	—	97.11	—
,, D. S.	17.9	92.34	+0.32	92.37	+0.33
El Leisi	17.9	23.30	+0.66	23.42	+0.77
Rôda (Cairo)	17.9	19.30	+0.65	19.46	+0.80

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

Pressure and Wind at 8h. 17-9-1937



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 8h. on 16-9-1937 الساعة ٨ يوم ١٩٣٧-٩-١٦

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. To day °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
Limassol	1011	-1	E	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.9	+1.8	WSW	2	28.6	33	+2	25	+4	69	+2	2	—	—	—	0	365	648	حيفا
Gaza	1012.2	+1.5	—	0	26.9	35	+6	22	+3	76	+6	3	4	—	1	0	395	376	غزة

Remarks

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

CAIRO
Time of sunrise h. 05 m. 41
sunset h. 17 m. 57

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

DAILY WEATHER REPORT

Month September 1937 ١٩٣٧ شهر سبتمبر

١٩٣٧-٩-١٨ Pressure and Wind at 8 h. 18-9-1937

At 14h. on 17th ١٧ يوم الساعة ١٤ — At 8h. on Saturday 18th ١٨ السبت يوم الساعة ٨

	STATION	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 (14h.)	Bar. Pressure Reduced to M.S.L. m.b. (8h.)	Bar. Pressure Diff. from normal m.b. (8h.)	Wind Dir. (8h.)	Wind Force (8h.)	Temperature Dry Bulb °C (8h.)	Maximum Yesterday °C	Maximum Diff. from norm. °C	Minimum Today °C	Minimum Diff. from norm. °C	Humidity % (8h.)	Humidity Diff. from norm. %	Present Weather (8h.)	Visibility (8h.)	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	1014.6	SSE	2	34.6	33	4	6	1013.6	-1.1	NNW	4	25.7	35	—	22	—	91	—	4	5	As	2	0	105	—
131	MATRÛH	1014.6	W	3	28.4	76	0	6	1012.8	-1.4	E	1	25.9	28	0	23	+3	64	-12	0	6	—	0	0	182	158
150	DIKHEILA	1013.8	NW	5	28.0	75	0	—	1013.5	—	NNW	2	27.2	29	—	23	—	63	—	0	—	—	—	0	145	—
132	ALEXANDRIA	1013.3	NW	4	29.8	62	0	8	1013.1	-1.1	N	1	26.6	31	+1	24	+2	74	+5	0	8	—	0	0	167	191
159	DAMIETTA								1012.4	—	S	1	26.8	32	—	20	—	79	—	0	6	—	0	0	75	116
134	PORT SAÏD	1011.9	NW	2	30.9	59	0	7	1012.6	+0.4	SW	2	26.4	31	+1	23	0	82	+12	2	7	Cu	1	0	38	82
135	EL 'ARÎSH	1011.6	NNW	3	29.0	64	0	7	1012.3	—	—	0	30.0	30	—	24	—	65	—	0	7	—	0	0	85	91
	LOWER EGYPT																									
136	DAMANHÛR								1013.1	-0.2	—	0	27.4	32	0	21	+3	74	-4	0	6	—	0	0	78	110
137	MANSÛRA								1012.4	—	NE	1	25.5	34	+1	20	+1	82	+6	0	8	—	0	0	45	57
[illegible]	TANTA	1011.9	N	4	33.0	44	0	7	1013.4	-0.4	—	0	26.0	34	0	19	0	84	+8	0	7	—	0	0	54	48
	ZAGÂZÎG	1011.4	NNW	1	32.9	46	0	8	1012.0	—	NW	1	25.8	33	0	19	+1	85	+5	0	8	—	0	0	20	28
	MIDDLE EGYPT — CAIRO																									
	ALMÂZA	1012.3	NW	3	32.7	47	0	8	1013.5	—	ESE	2	25.2	33	—	18	—	82	—	0	8	—	0	0	23	—
	EZBEKÎYA	1011.4	N	1	32.8	52	0	8	1012.7	-0.4	—	0	24.7	34	+2	21	+2	90	+12	6	4	—	1	0	18	34
	GÎZA	1011.8	NW	2	31.6	51	0	7	1012.7	-0.8	N	1	23.2	33	+2	18	+1	89	+8	0	5	—	0	0	16	31
143	HELWÂN	1010.7	NNW	5	32.7	31	0	6	1012.7	-0.7	—	0	24.5	33	+1	21	+1	80	+11	0	6	—	0	0	17	35
144	SUEZ	1011.5	NNW	2	33.0	42	0	7	1012.8	+0.4	N	1	25.8	34	0	23	+1	78	+1	0	7	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1011.0	NNE	4	34.2	32	0	7	1013.1	-0.3	ENE	1	25.0	35	+2	20	+1	77	+5	0	6	—	0	0	6	11
154	MINYA	1010.0	N	3	34.4	31	0	7	1012.3	-0.2	N	2	25.3	35	+3	21	+1	71	-3	0	7	—	0	0	16	—
155	ASYÛT	1009.0	NNW	3	36.2	20	0	8	1012.6	+0.3	WSW	3	25.1	38	+5	21	0	71	+7	0	7	—	0	0	dr.	5
156	QENA	1007.2	W	1	40.0	32	1	8	1009.8	-0.4	WNW	1	30.2	40	+2	24	+3	47	-6	0	7	—	0	0	dr.	—
157	LUXOR	1006.6	E	1	42.5	45	2	7	1009.3	—	ESE	1	29.8	43	—	22	—	55	—	0	8	—	0	0	dr.	—
158	ASWÂN	1004.3	—	0	43.8	13	3	8	1008.8	-1.5	N	2	31.8	45	+5	29	+5	42	+6	0	8	—	0	0	1	—
	WESTERN DESERT																									
146	SÎWA	1013.6	—	0	36.2	37	0	6	1013.0	-0.6	—	0	28.1	41	+6	21	+3	68	+6	0	6	—	0	0	29	7
149	BAHARÎYA	1011.4	N	3	37.8	31	0	9	1013.5	—	N	1	26.3	38	—	20	—	61	—	0	9	—	0	0	26	—
151	KHÂRGA	1006.7	N	3	38.7	21	0	9	1011.4	-0.2	N	2	29.0	40	+3	26	+6	51	0	0	9	—	0	0	0	dr.
152	DÂKHLA	1009.0	NNE	4	38.9	9	0	7	1012.4	-0.3	NNE	2	32.0	40	+3	27	+7	21	-20	0	8	—	0	0	dr.	—
	RED SEA																									
145	TÛR	1007.6	NW	6	29.5	80	0	5	1009.1	-0.9	NW	2	28.8	31	0	20	-2	59	-13	0	6	—	0	0	14	14
146	HURGHÂDA																									
147	QUSEIR	1009.3	N	2	33.3	57	0	7	1009.9	+0.2	NNW	3	30.3	35	+2	28	+2	50	+2	0	6	—	0	0	1	7
169	PORT SUDAN								1007.6	-0.9	NW	1	32.6	—	—	27	-1	64	+14	3	—	—	1	0	43	122
	NORTH SUDAN																									
165	WÂDI HALFA								1009.5	-1.4	NNE	2	31.2	43	+4	29	+7	34	+1	2	8	Ac.	1	—	—	—
166	KAREIMA								1011.2	+1.8	S	5	28.0	42	0	27	+2	57	+28	6	4	—	0	0	11	33
167	'ATBARA								1011.1	+2.5	SW	3	27.0	41	0	23	-2	52	+25	2	—	—	0	5	81	80
168	KHARTÛM								1011.2	+2.2	SSE	7	25.9	36	-4	22	-3	48	-3	6	5	Sc.	3	0	119	144
170	KASSALA								1012.8	+1.8	E	1	23.7	35	-1	19	-4	—	—	4	8	As.	1	6	285	308
	CENTRAL SUDAN																									
171	WAD MEDANI								1013.9	+3.8	NE	2	20.9	34	-3	20	-2	87	+21	4	—	—	8	7	462	369
173	DUEIM								1012.0	+1.7	N	5	24.2	33	-4	24	+2	79	+15	3	—	—	1	0	348	281
182	RENK																									
172	ROSEIRES								1011.5	+0.2	S	2	23.4	28	-5	22	+2	87	+9	2	—	—	1	dr.	824	715
174	EL OBEID								1010.9	-0.7	S	3	25.6	28	-7	21	0	69	+4	3	8	Ac.	1	dr.	456	320
175	EL FÂSHER								—	—	N	1	23.0	32	-4	20	0	74	+16	0	—	—	0	0	226	311
	S. SUDAN																									
176	MALAKÂL								1011.1	-0.6	NE	2	25.5	31	-1	23	+1	92	+12	3	8	Ac, As	1	0	730	819
177	WÂU								1011.6	+0.6	W	1	24.8	32	-1	21	+1	79	-3	1	—	—	0	0	912	1052
178	JÛBA								1013.5	+1.4	NNE	3	24.1	35	+2	21	+1	91	+8	4	6	Cu, Sc	4	0	876	846
179	Geneina								—	—	S	2	19.7	29	—	18	—	91	—	4	8	Sc.	1	3	—	—
180	Gallabat																									

Upper Wind Observations on 18-9-37 ١٨-٩-٣٧ 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	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	Wadi Halfa 06h.00m. Dir. E of N.	Kms. per hour	Kareima 06h.00m. Dir. E of N.	Kms. per hour	Khartum 07h.00m. Dir. E of N.	Kms. per hour
200	340	18	220	14	30	10	310	7	—	—	—	—	20	16	—	—	—	—
500	20	36	250	8	40	27	30	20	10	46	30	24	40	31	130	27	110	56
1000	330	13	240	19	350	31	350	32	30	44	20	32	70	37	190	27	90	40
1500	340	67	260	31	340	30	340	36			10	26	80	31	170	21		
2000	Calm						340	30			40	13	70	24	150	13		
3000													70	31				
4000																		
5000																		
6000																		

Height metres above M.S.L.	Kassala —h.— m. 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	Almaza 12h.00m. Dir. E of N.	Kms. per hour
200	—	—	—	—	—	—	—	—	110	3	10	8
500	—	—	—	—	10	8	—	—	10	21	350	17
1000	0	2	40	8	340	11	110	6	350	24	0	41
1500	210	11	50	21	340	8	0	23	330	29	0	44
2000	100	14	40	18	340	8	0	25	Calm	6		
3000			90	16	10	11						
4000												
5000												
6000												

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

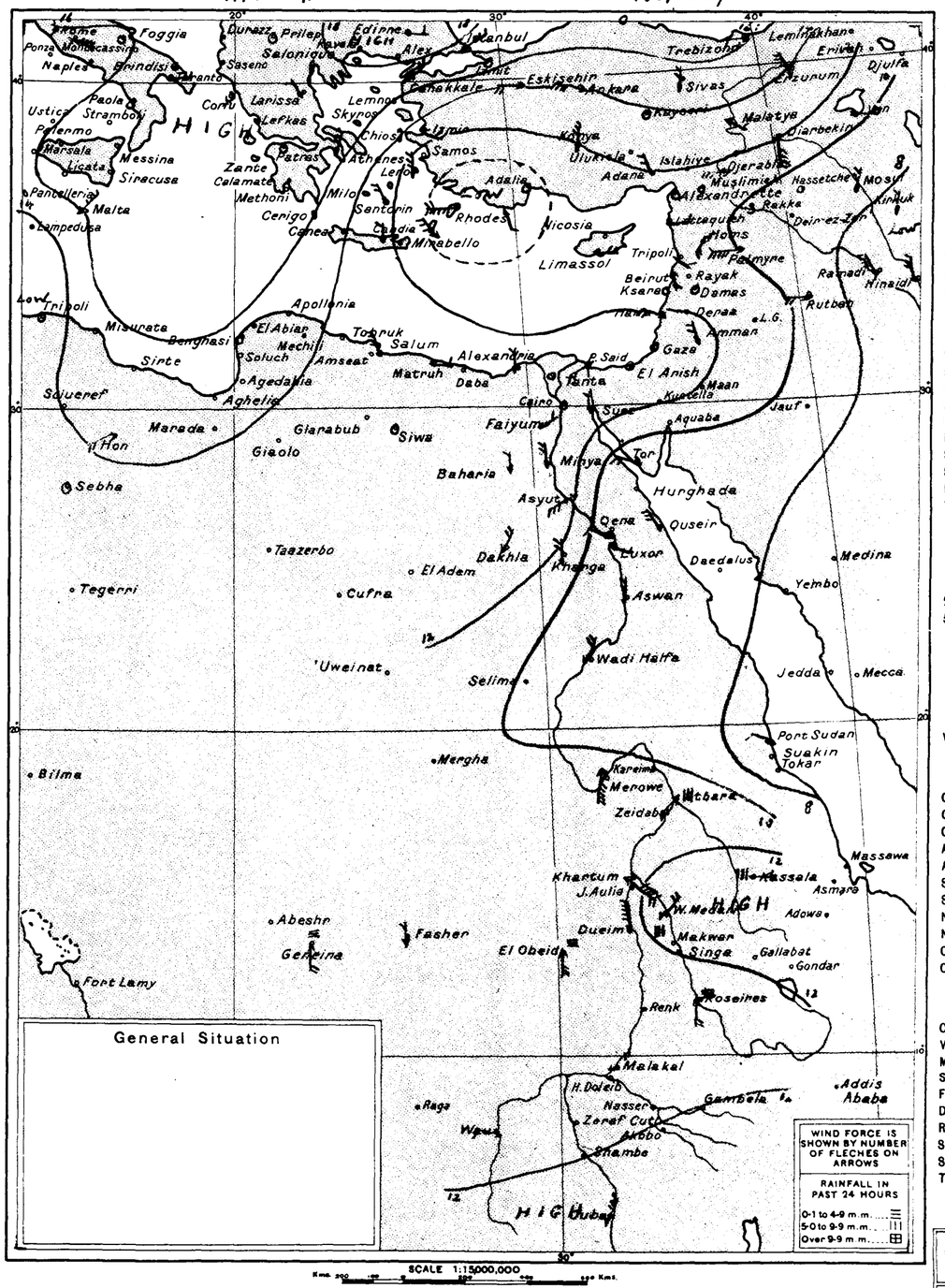
STATION	Mean of day: Humidity % on 17th	Humidity Diff. from normal	Wet Bulb Temp. °C on 17th	Wet Bulb Temp. Diff. from normal
Alexandria	71	+4	23.5	+2.7
Ezbekiya	69	+4	23.1	+1.4
Gîza	71	+4	22.3	+0.9
Helwân	58	+4	20.7	+1.9

Gîza Grass minimum on 18th 15.8 °C

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

DATE	1937	1936
18-9	8260	9539
17-9	8402	9395

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17-9	13.54	-0.29	13.58	-0.25
Nâsser	17-9	10.46	+0.16	10.44	+0.15
Malakâl	18-9	12.23	+0.11	12.22	+0.11
Roseires	18-9	19.70	+1.32	19.03	+0.61
Sennâr Res.	17-9	17.21	—	17.18	—
Khartûm	17-9	15.44	-0.06	15.29	-0.23
Kh. el Girba	17-9	13.45	+0.10	13.40	0.00
'Atbara	17-9	14.90	+0.11	14.85	+0.02
Kajnarti	17-9	142.02	+0.59	142.11	+0.66
Wâdi Halfa	18-9	7.98	+0.39	8.00	+0.39
Aswân Res.	18-9	97.00	—	97.07	—
,, D. S.	18-9	92.28	+0.28	92.34	+0.32
El Leisi	18-9	23.20	+0.56	23.30	+0.65
Rôda (Cairo)	18-9	19.19	+0.34	19.30	+0.65



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. ⊞

	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
	At 8 h. on 17-9-1937 — ١٩٣٧-٩-١٧ الساعة ٨ يوم																			
	Limasso	1011	-1	E	2	26	—	—	—	—	—	—	0	—	—	—	—	—	—	لماسول
	Haifa	1012.3	+2.0	—	0	28.2	33	+3	23	+2	67	0	4	—	—	—	0	365	648	حيفا
	Gaza	1011.9	+1.1	SE	1	27.2	33	+4	21	+2	67	-3	1	7	—	1	0	375	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. 05 m. 42

sunset h. 17 m. 56

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

DAILY WEATHER REPORT

Month *September* 1937 ١٩٣٧ شهر سبتمبر

At 14h. on 18th ١٨ الساعة ١٤ يوم — At 8h. on *Sunday 19th* ١٩ الأحد الساعة ٨ يوم — ١٩٣٧-٩-١٩ Pressure and Wind at 8 h. 19-9-1937

		STATION	At 14h. Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. 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.
136	MEDITERRANEAN	SALÛM	1014.0	NE	5	26.8	72	2	6	1013.5	-1.3	NW	3	23.3	28	—	20	—	79	—	1	7	Cu.	1	0	105	—
131		MATRÛH	1011.8	NNE	3	28.8	73	0	6	1011.6	-2.7	W	1	24.4	29	+1	20	0	82	+6	2	6	Cu	1	0	182	158
150		DIKHEILA	1012.5	NNW	4	28.6	64	0	—	1011.9	—	NNE	4	26.0	29	—	20	—	72	—	0	—	—	—	0	145	—
132		ALEXANDRIA	1011.8	NE	2	30.5	55	0	9	1011.0	-3.4	NE	2	25.2	32	+2	24	+2	69	0	0	8	—	0	0	167	191
159		DAMIETTA								1010.3	—	N	1	27.5	33	—	22	—	68	—	0	6	—	1	0	75	116
134		PORT SAÏD	1011.0	NW	2	31.7	51	0	7	1010.7	-1.6	NNW	2	29.0	32	+2	25	+2	67	-3	1	7	Ac.	1	0	38	82
135		EL 'ARÎSH	1010.6	NNW	3	30.0	71	0	7	1010.0	—	SSE	1	27.0	33	—	22	—	77	—	0	7	—	0	0	85	91
136	LOWER EGYPT	DAMANHÛR								1011.0	-2.4	N	2	26.2	34	+2	22	+4	70	-8	0	8	—	0	0	78	110
137		MANSÛRA								1010.4	—	NNE	1	25.0	34	+1	22	+3	—	—	0	8	—	0	0	45	57
[illegible]		TANTA	1011.4	—	0	34.0	45	0	7	1011.0	-2.9	NE	2	26.0	35	+1	19	0	73	-3	0	7	—	0	0	54	48
[illegible]		ZAGÂZÎG	1012.2	NW	1	32.9	49	0	8	1010.7	—	NNW	1	26.9	33	0	20	+2	78	-2	0	8	Cu	1	0	20	28
141	MIDDLE EGYPT, CAIRO	ALMÂZA	1011.1	NW	2	34.0	43	0	7	1010.7	—	NNE	2	25.6	34	—	19	—	79	—	0	6	Cu	0	0	23	—
		EZBEKÎYA	1010.3	NNE	1	34.8	38	0	8	1010.0	-3.2	—	0	25.0	35	+3	21	+2	88	+10	0	5	Sc	0	0	18	34
		GÎZA	1010.6	NNW	2	33.0	36	0	7	1010.0	-3.6	NE	2	24.1	34	+3	20	+3	85	+4	0	5	—	0	0	16	31
143		HELWÂN	1009.6	N	4	34.4	25	0	6	1009.6	-3.9	N	2	26.5	35	+3	22	+2	63	-6	0	6	—	0	0	17	35
144		SUEZ	1009.5	N	2	34.0	36	0	6	1010.0	-2.5	NNW	4	26.6	36	+2	22	0	69	-8	0	6	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1010.2	ENE	2	36.2	32	4	7	1008.7	-4.8	NE	3	27.0	37	+4	22	+3	66	-6	0	8	—	0	0	6	11
154		MINYA	1009.9	NW	3	35.8	29	0	6	1008.6	-4.1	NNW	1	26.0	36	+6	22	+2	67	-7	0	8	—	0	0	16	—
155		ASYÛT	1008.8	WSW	3	37.6	20	0	8	1009.1	-3.3	WNW	2	28.0	39	+6	23	+2	51	-13	0	6	—	0	0	dy.	5
156		QENA	1007.2	W	1	39.0	33	0	8	1008.7	-1.6	NNW	1	32.0	41	+3	24	+3	—	—	0	7	—	0	0	dy.	—
157		LUXOR	1007.1	ESE	2	40.4	40	0	8	1009.0	—	ENE	2	30.3	41	—	23	—	52	—	0	8	—	0	0	dy.	—
158		ASWÂN	1005.5	NNW	3	41.7	13	0	8	1008.3	-2.1	—	0	31.2	43	+3	26	+3	35	-2	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1011.0	NNW	5	40.5	36	0	6	1012.0	-1.7	—	0	25.4	41	+6	20	+2	82	+20	0	6	—	0	0	29	7
149		BAHARÎYA	1010.7	NW	3	38.3	30	0	9	—	—	NNE	2	26.0	39	—	22	—	73	—	0	9	—	0	0	26	—
151		KHARGA	1007.1	N	4	40.5	17	0	9	1008.2	-3.5	—	0	32.1	41	+4	23	+3	42	-9	0	9	—	0	0	0	dy.
152		DAKHLA	1009.9	NNE	2	40.0	13	0	8	1010.2	-2.5	—	0	27.5	41	+5	23	+3	35	-7	0	6	—	0	0	dy.	—
145	RED SEA	TÛR	1006.7	E	5	30.0	79	0	6	1007.9	-2.3	NW	2	28.2	36	+5	21	-1	70	-2	0	5	—	0	0	14	14
146		HURGHÂDA								1007.5	-2.9	NNW	2	30.0	32	-1	22	-1	62	+8	0	6	—	0	0	dy.	1
147		QUSEIR	1008.4	N	2	33.5	52	0	6	1008.2	-1.7	NNW	1	32.2	35	+2	26	0	28	-20	0	6	—	0	0	1	7
169		PORT SUDAN								1007.0	-1.6	SW	1	35.7	—	—	28	0	44	-7	1	—	—	0	0	43	122
165	NORTH SUDAN	WÂDI HALFA								1009.5	-1.5	NNE	2	29.9	42	+3	27	+5	36	+3	1	7	Ac,As	0	—	—	—
166		KAREIMA								1007.8	-1.7	—	0	31.8	39	-3	29	+4	43	+14	4	8	Ac,As	1	0	11	33
167		'ATBARA								1008.4	-0.2	SSW	2	31.7	37	-4	26	+1	32	+5	0	—	—	0	0	81	80
168		KHARTÛM								1008.9	-0.1	SW	1	30.5	38	-2	27	+2	47	-3	2	8	Ac	1	0	119	145
170		KASSALA								1008.7	-2.2	SSE	1	26.9	34	-2	21	-2	—	—	0	8	—	0	0	285	310
171	CENTRAL SUDAN	WAD MEDANI								1009.4	-0.7	SE	1	25.4	35	-2	21	-1	80	+25	3	—	—	1	0	462	371
173		DUEIM								1009.1	-1.2	S	2	26.8	35	-2	23	+1	77	+13	1	—	—	0	0	348	283
182		RENK								—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
172		ROSEIRES								1009.0	-2.3	W	2	26.7	35	+1	23	+3	75	-3	0	—	—	0	0	824	720
174		EL OBEID								1009.9	-1.7	SSW	1	25.9	33	-2	22	+1	69	+5	1	8	Ci,Ac	0	0	456	322
175		EL FÂSHER								—	—	NW	1	24.0	35	-1	20	0	83	+28	0	—	—	0	0	226	312
176	S. SUDAN	MALAKÂL								1009.5	-2.2	NNE	2	26.0	33	0	22	0	84	+4	1	8	Ci,Ac	0	0	730	824
177		WÂU								1009.4	-1.6	SE	1	25.4	35	+2	21	+1	80	-2	3	—	—	1	0	912	1057
178		JUBA								1011.6	-0.5	SE	3	24.9	35	+2	21	+1	76	-7	2	9	Sc	1	0	876	849
179		Geneina								—	—	E	2	20.9	31	—	20	—	91	—	4	8	Sc	1	0	—	—
180		Gallabat																									

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	Mersa Matruh 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 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	Kareima 06 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	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	Salum 18th 13 h 00 m. Dir. E of N.	Kms. per hour	Almaza 18th 11 h 45 m. Dir. E of N.	Kms. per hour
200	300	16	310	10	40	21	30	22	—	—	—	—	20	18	—	—	—	—	—	—	—	—	—	—	—	—	20	27	30	9
500	0	24	330	13	50	41	50	19	210	18	40	32	30	40	200	27	220	16	—	—	—	—	30	18	—	—	—	—	20	13
1000	0	10	340	17	80	8	80	17	270	23	40	30	40	47	300	10	180	18	190	11	120	10	90	11	280	11	330	25	340	19
1500	340	28	340	11			150	12	280	29	50	23	30	27	350	11	210	24	180	8	90	18	100	11	160	21			310	28
2000							180	10	Ent. Cldy		20	8	20	21			170	50	70	18	60	24	100	8	150	40				
3000							100	19					110	14					50	35	80	31	110	14	170	34				
4000													160	6							110	18			180	34				
5000													230	10																
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

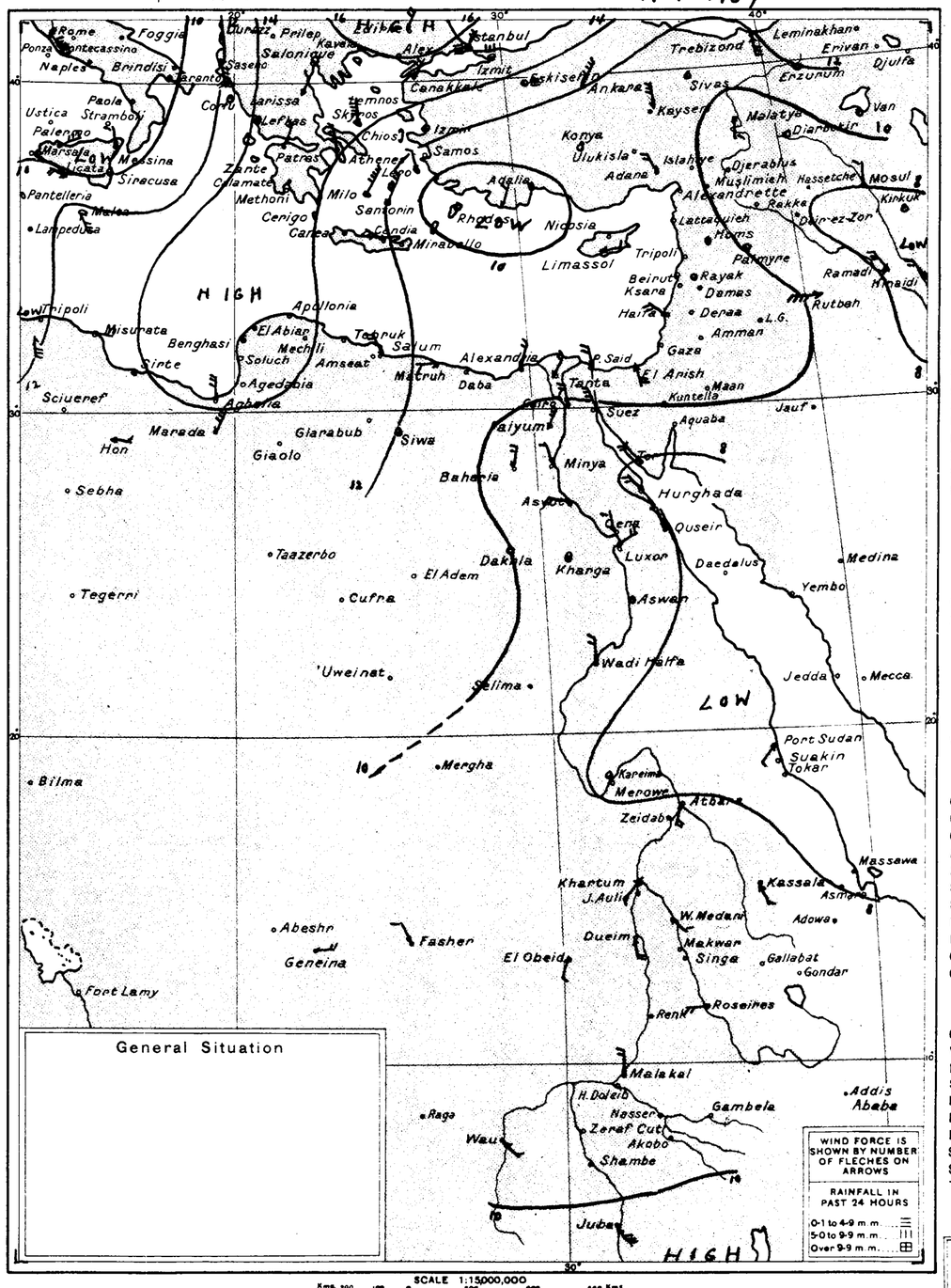
STATION	Mean of day: Humidity % on 18th	Humidity Diff. from normal	Wet Bulb Temp. °C on 18th	Wet Bulb Temp. Diff. from normal
Alexandria	70	+3	23.0	+2.2
Ezbekiya	72	+7	23.8	+2.2
Gîza	73	+6	22.5	+1.1
Helwân	60	+6	21.8	+3.0

Gîza Grass minimum on 19th 19.0 °C

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

DATE	1937	1936
19-9	8190	9668
18-9	8260	9539

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day: Reading m.	Previous day: Diff. from normal m.
Jûba	19-9	13.52	-0.30	13.53	-0.30
Nâsser	18-9	10.47	+0.16	10.46	+0.16
Malakâl	19-9	12.23	+0.11	12.23	+0.11
Roseires	19-9	19.20	+0.87	19.70	+1.32
Sennâr Res.	18-9	17.21	—	17.21	—
Khartûm	18-9	15.55	+0.07	15.44	-0.06
Kh. el Girba	18-9	13.30	+0.03	13.45	+0.10
'Atbara	19-9	14.74	+0.03	14.74	0.00
Kajnarti	19-9	141.85	+0.52	141.92	+0.51
Wâdi Halfa	19-9	7.93	+0.39	7.98	+0.39
Aswân Res.	19-9	97.00	—	97.00	—
" D.S.	19-9	92.23	+0.24	92.28	+0.28
El Leisi	19-9	23.15	+0.51	23.20	+0.56
Rôda (Cairo)	19-9	19.12	+0.47	19.19	+0.54



STATION	At 8 h. on 18-9-1937 ١٩٣٧-٩-١٨ 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
Hurghada	1010.6	+0.3	NNW	4	28.5	33	0	24	+1	63	+9	0	6	—	0	0	dy	1	الغردقة
Umassal	1011	-1	E	2	26	—	—	—	—	—	—	0	—	—	—	—	—	—	الماسوله
Haifa	1012.2	+1.8	WNW	2	29.3	33	+3	23	+2	62	-5	0	—	—	—	0	365	648	حيفا
Gaza	1012.3	+1.4	—	0	27.1	34	+5	22	+3	69	-1	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

Nasser River Gauge Readings for 23 & 24-7-1937 published on 25 & 26-7-1937 should read 9.22 & 9.24 instead of 9.24 & 9.22 m. respectively.

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. 42 m.
sunset 17 h. 54 m.

Month *September* 1937 — ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٣٧-٩-٢٠ Pressure and Wind at 8 h. *20.9.1937.*

1417 F.C.

At 14h. on *19th* — الساعة ١٤ يوم ١٩ | At 8h. on *Monday 20th* — الساعة ٨ يوم الاثنين 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.	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	1013.1	NE	3	26.0	54	0	8	1015.2	+0.4	W	2	23.1	27	—	18	—	66	—	0	6	Cu	0	0	105	—
131	MATRÛH	1011.5	NNW	2	27.6	68	1	6	1012.7	-1.7	NNE	2	26.6	28	0	24	+4	72	-3	2	6	Cu	1	0	182	158
150	DIKHEILA	1011.6	NNW	4	27.2	63	0	—	1011.9	—	—	0	27.8	28	—	22	—	61	—	3	—	—	—	0	145	—
132	ALEXANDRIA	1010.4	NE	4	29.0	51	0	9	1012.4	-2.2	—	0	25.0	31	+1	23	+1	70	+1	1	9	Cu	2	0	167	191
159	DAMIETTA								1011.9	—	N	1	27.9	30	—	21	—	71	—	0	6	Ac.	1	0	75	116
134	PORT SAÎD	1009.6	NW	3	30.2	63	0	7	1012.0	-0.3	NNW	2	28.0	31	+1	25	+3	64	-6	0	7	—	0	0	38	82
135	EL 'ARÎSH	1008.8	NNW	3	29.0	77	0	7	1011.2	—	SSW	1	29.0	32	—	23	—	72	—	0	7	Cu	0	0	65	91
136	LOWER EGYPT: DAMANHÛR								1012.8	-0.7	SW	1	26.8	31	-1	20	+2	64	-15	1	7	Cu	0	0	78	110
	MANSÛRA								1011.9	—	NNE	1	25.0	33	0	20	+1	70	-6	0	8	—	0	0	45	57
	TANTA	1009.5	NNE	3	32.0	49	0	7	1012.7	-1.3	—	0	25.5	34	+1	18	-1	72	-4	0	7	—	0	0	54	48
	ZAGÂZÎG	1008.7	NNE	1	31.1	58	0	8	1013.6	—	NNW	1	25.9	31	-2	19	+1	73	-6	0	8	—	0	0	20	28
141	MIDDLE EGYPT: CAIRO ALMÂZA	1009.1	NNE	2	33.4	47	0	7	1013.0	—	N	2	24.0	34	—	20	—	80	—	0	6	—	1	0	23	—
	CAIRO EZBEKÎYA	1007.9	NE	2	33.8	48	0	8	1012.3	-1.0	NNE	1	24.0	34	+2	21	+2	80	+2	0	5	—	0	0	18	34
	CAIRO GÎZA	1008.2	NW	2	32.8	47	0	7	1012.6	-1.1	N	2	22.4	33	+2	18	+1	84	+3	0	5	—	0	0	16	31
143	HELWÂN	1006.8	NNE	4	35.0	27	0	6	1012.3	-1.3	NNW	1	23.3	35	+3	19	-1	76	+7	0	5	—	0	0	17	35
144	SUEZ	1007.1	N	1	37.5	19	0	7	1011.9	-0.8	NW	3	26.5	38	+5	24	+2	68	-9	3	7	—	1	0	13	26
153	UPPER EGYPT: FAIYÛM	1007.2	NNW	3	34.9	39	0	6	1012.6	-1.0	NNE	2	25.2	36	+3	20	+1	69	-3	0	6	—	0	0	6	11
154	MINYA	1007.5	NW	3	37.5	23	0	7	1012.0	-0.8	NNE	2	25.2	38	+6	21	+1	69	-5	0	9	—	0	0	16	—
155	ASYÛT	1007.2	NW	3	37.8	18	0	8	1011.4	-1.1	WNW	2	27.2	39	+6	23	+2	63	-2	0	6	—	0	0	dr.	5
156	QENA	1007.2	W	2	39.0	25	0	8	1009.5	-0.9	WNW	1	30.2	40	+2	23	+2	53	0	0	7	—	0	0	dr	—
157	LUXOR	1006.8	ESE	1	40.8	40	0	8	1009.1	—	SE	1	30.1	41	—	22	—	53	—	0	8	Ac.	1	0	dr.	—
158	ASWÂN	1005.4	N	2	41.0	17	0	8	1009.0	-1.5	—	0	30.3	42	+2	27	+4	31	-6	3	8	Cu	2	0	1	—
148	WESTERN DESERT: SÎWA	1010.8	—	0	33.2	46	0	6	1013.6	-0.1	—	0	25.4	36	+1	19	+1	74	+12	0	6	—	0	0	29	7
149	BAHARÎYA	1009.1	NW	3	34.4	40	0	9	1013.5	—	N	1	24.8	35	—	20	—	69	—	0	9	—	0	0	26	—
151	KHÂRGA	1007.1	SW	1	40.8	25	0	9	1010.0	-1.8	N	3	30.3	42	+6	26	+6	47	-4	0	9	—	0	0	0	dr
152	DÂKHLA	1007.2	NNW	2	40.5	15	0	6	1011.1	-1.7	—	0	29.6	41	+5	23	+3	43	+1	0	7	—	0	0	dr	—
145	RED SEA: TÔR	1006.0	NW	2	33.5	62	0	8	1010.3	-0.1	NW	3	27.5	35	+4	22	0	82	+10	0	8	—	0	0	14	14
146	HURGHÂDA								1011.1	+0.6	NNW	4	28.1	35	+2	22	-1	68	+13	0	7	—	0	0	dr	1
147	QUSEIR	1008.0	N	1	32.5	56	0	6	1009.9	-0.1	N	3	33.3	34	+1	27	+1	58	+10	0	6	—	0	0	1	7
169	PORT SUDAN								1007.9	-0.9	NW	1	34.0	—	—	26	-2	50	-1	1	—	—	0	0	43	122
165	NORTH SUDAN: WÂDI HALFA								1008.9	-2.2	NNE	1	29.2	41	+2	26	+4	34	+1	1	7	Ac,As	0	—	—	—
166	KAREIMA								1007.5	-2.1	SW	3	34.0	42	0	29	+4	22	-7	3	7	Ac.	1	0	11	33
167	'ATBARA								1008.0	-0.7	SSW	2	33.0	40	-1	28	+3	30	+3	0	—	—	0	0	81	80
168	KHARTÛM								1010.3	+1.3	SSE	7	27.4	39	-1	27	+2	63	+13	7	3	Ac,	3	0	119	145
1??	KASSALA								1010.0	-0.9	SSE	4	27.1	36	-1	22	-1	—	—	2	8	Ci	0	0	285	312
171	CENTRAL SUDAN: WAD MEDANI								1010.7	+0.6	SW	2	23.7	37	0	21	-1	77	+12	2	—	—	1	7	469	373
173	DUEIM								1012.3	+2.1	S	4	22.4	36	-1	21	-1	83	+2	3	—	—	6	9	357	284
	RENK																									
172	ROSEIRES								1011.2	0.0	SSW	2	21.6	36	+2	20	0	92	+14	3	—	—	8	23	847	725
174	EL OBEID								1011.2	-0.4	SW	3	24.5	36	+1	23	+2	71	+7	4	8	Ac,Ci	1	0	456	325
175	EL FÂSHER								—	—	E	2	22.5	36	0	20	0	87	+3	4	—	—	0	4	230	312
176	S. SUDAN: MALAKÂL								1012.3	+0.6	E	5	23.2	33	0	21	-1	91	+1	4	7	Cb	2	4	730	829
177	WÂU								1010.6	-0.4	NE	1	23.5	34	+1	22	+2	87	+5	4	—	—	1	0	912	1063
17?	JÛBA								1012.5	+0.4	N	3	24.8	36	+3	20	0	76	-7	4	8	Sc.	5	dr.	376	853
179?	*Geneina*								—	—	E	3	20.2	32	—	20	—	100	—	3	8	Sc.	2	27	—	—
180	*Gallabat*																									

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

Height metres above M.S.L.	Salum 07h.00 Dir. E.of N.	Salum Kms. per hour	Matruh 07h.00 Dir.	Matruh Kms.	Cairo 08h.00 Dir.	Cairo Kms.	Helwan 08h.15m. 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.
200	200	5	30	17	30	9	330	10	—	—	—	—	30	13	—	—
500	180	10	20	16	50	15	40	16	60	22	40	29	50	36	300	11
1000	300	14	30	18	0	10	350	22	350	17	30	32	50	31	340	14
1500	330	4			140	7	70	8	300	20	40	17	40	18	320	8
2000	0	30			180	14	200	17			130	14	90	2	80	13
3000					240	22	220	30			180	23	250	5		
4000					230	26	220	35								
5000					250	24										
6000																

Height metres above M.S.L.	Khartum 05h.00m. Dir. E.of N.	Khartum Kms. per hour	Kassala 07h.00m. Dir.	Kassala Kms.	El Obeid 06h.00m. Dir.	El Obeid Kms.	Malakal 06h. m. Dir.	Malakal Kms.	Juba 06h.00m. Dir.	Juba Kms.	Salum 13h.00m. Dir.	Salum Kms.	Almaza 11h.45m. Dir.	Almaza Kms.
200	—	—	—	—	—	—	—	—	—	—	70	17	40	30
500	200	37	—	—	—	—	20	27	—	—	360	37	340	7
1000	220	37	180	51	250	40	30	24	250	11	330	60	50	11
1500	210	31	180	14	230	29	20	18	90	27				
2000	230	31	70	8	110	26	0	8	100	37				
3000			60	21	90	47			120	40				
4000					90	42			170	42				
5000														
6000														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

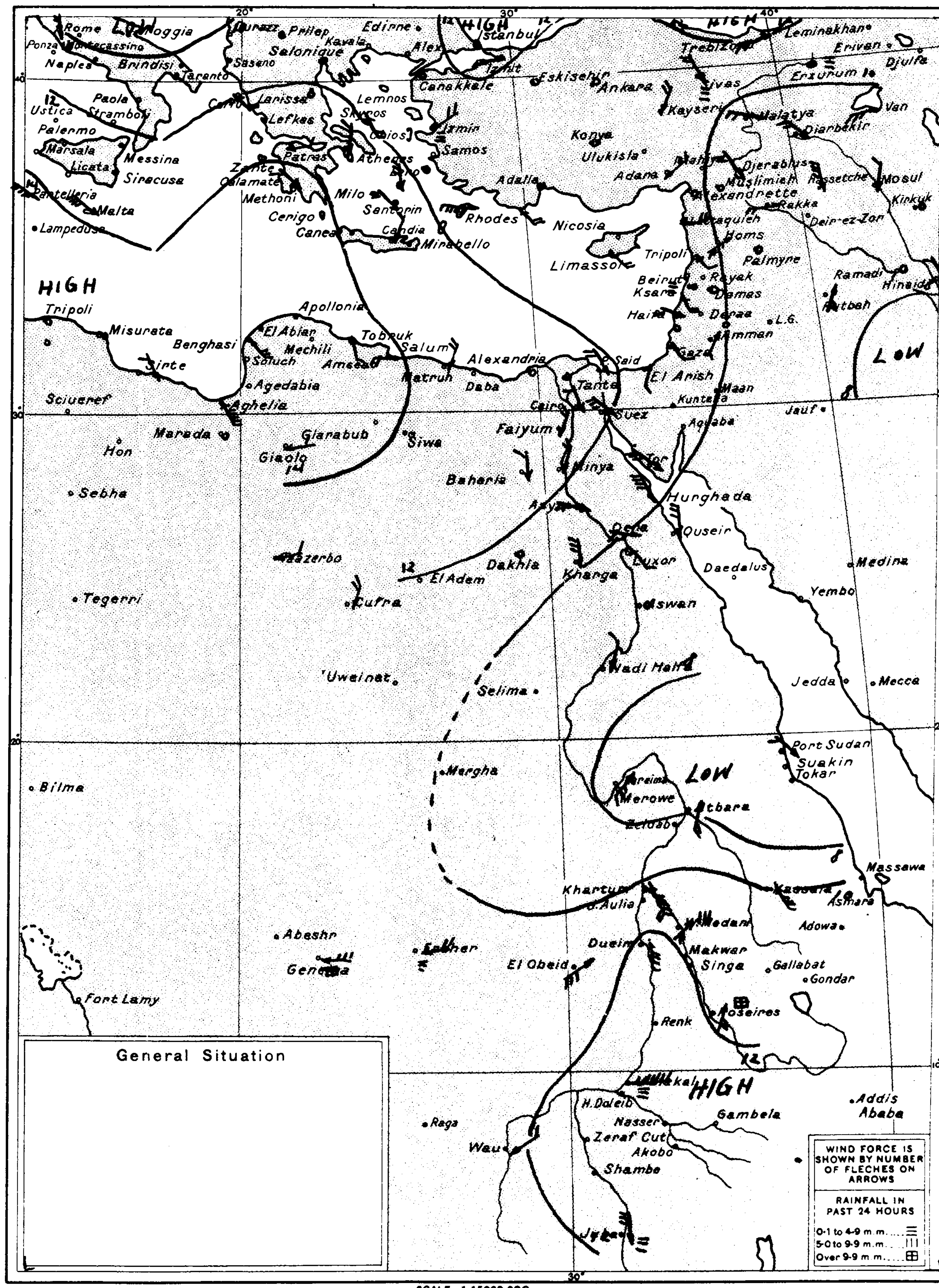
Station	Mean of day: Humidity % on 19th	Diff. from normal	Wet Bulb Temp. °C on 19th	Diff. from normal
Alexandria	67	0	21.5	+0.8
Ezbekîya	74	+9	24.1	+2.6
Gîza	70	+3	22.9	+1.6
Helwân	58	+4	21.8	+3.1

Gîza Grass minimum on *20th* 16.0 °C

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

Date	1937	1936
20.9	8113	9575
19.9	8190	9668

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20.9	13.52	-0.28	13.52	-0.30
Nâsser	19.9	10.47	+0.15	10.47	+0.16
Malakâl	20.9	12.24	+0.11	12.23	+0.11
Roseires	20.9	18.86	+0.58	19.20	+0.87
Sennâr Res.	19.9	17.21	—	17.21	—
Khartûm	19.9	15.56	+0.12	15.55	+0.07
Kh. el Girba	19.9	13.72	+0.51	13.30	+0.03
'Atbara	20.9	14.84	+0.16	14.74	+0.03
Kajnarti	20.9	141.73	+0.46	141.85	+0.52
Wâdi Halfa	20.9	7.87	+0.36	7.93	+0.39
Aswân Res.	20.9	97.00	—	97.00	—
,, D. S.	20.9	92.18	+0.22	92.23	+0.24
El Leisi	20.9	23.14	+0.51	23.15	+0.51
Rôda (Cairo)	20.9	19.08	+0.43	19.12	+0.47



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 *19.9.1937.* — الساعة ٨ يوم ١٩-٩-١٩٣٧

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	1011	-1	E	1	26	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.0	+0.5	WNW	2	26.3	33	+3	23	+2	72	+5	3	—	—	—	0	365	648	حيفا
Gaza	1010.6	-0.4	SE	1	26.6	34	+5	19	0	78	+9	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. (36/530)

CAIRO
Time of sunrise 05 23
sunset 17 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1937 — شهر سبتمبر ١٩٣٧

1417 F.C.

At 14h. on 20th — الساعة ١٤ يوم ٢٠

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY
	MEDITERRANEAN							
	SALÛM	1015.6	NE	4	26.0	62	0	8
	MATRÛH	1014.0	N	3	27.3	77	2	6
	DIKHEILA	1013.8	NNW	3	27.3	68	0	—
132	ALEXANDRIA	1013.0	NW	3	28.9	55	0	9
159	DAMIETTA							
134	PORT SA'ÎD	1012.2	NNW	3	31.0	58	0	7
135	EL 'ARÎSH	1011.6	NNW	3	29.2	78	0	7
136	LOWER EGYPT — DAMANHÛR							
137	MANSÛRA							
	TANTA	1012.3	—	0	32.0	49	0	7
	ZAGÂZÎG	1012.8	WNW	1	31.9	47	0	8
	MIDDLE EGYPT — CAIRO — ALMÂZA	1012.0	NNW	3	31.9	38	0	8
	EZBEKÎYA	1011.5	—	0	33.0	42	0	8
	GÎZA	1011.8	N	1	32.3	43	0	8
143	HELWÂN	1011.0	WNW	4	31.9	34	0	6
144	SUEZ	1011.1	N	1	33.4	43	0	7
153	UPPER EGYPT — FAIYÛM	1011.8	NW	2	33.8	35	0	8
154	MINYA	1011.4	N	3	37.0	26	0	8
155	ASYÛT	1010.2	N	3	34.2	32	0	8
156	QENA	1008.4	W	1	40.0	22	0	8
157	LUXOR	1007.6	E	1	41.3	40	3	8
158	ASWÂN	1005.9	NNW	2	42.3	18	2	8
148	WESTERN DESERT — SÎWA	1013.1	—	0	32.3	49	0	6
149	BAHARÎYA	1012.2	N	2	32.3	40	0	9
151	KHÂRGA	1008.6	N	2	39.8	21	0	9
152	DÂKHLA	1009.5	NNE	2	37.9	22	0	8
145	RED SEA — TÛR	1008.7	NW	4	32.1	67	0	3
146	HURGHÂDA							
147	QUSEIR	1008.3	NNE	2	31.5	58	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							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	S. SUDAN — MALAKÂL							
177	WÂU							
178	JUBA							
179	Geneina							
180	Ombadat							

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

	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.
	MEDITERRANEAN																		
	SALÛM	1018.3	+3.4	W	2	22.3	27	—	19	—	77	—	3	5	Sc	1	0	105	—
	MATRÛH	1016.3	+1.8	—	0	23.8	27	-1	20	0	81	+6	2	6	Cu	1	0	182	158
	DIKHEILA	1016.3	—	SSE	1	25.5	28	—	21	—	71	—	2	—	—	—	0	145	—
132	ALEXANDRIA	1016.0	+1.4	—	0	25.2	31	+1	23	+1	76	+7	3	7	Cu	2	0	167	191
159	DAMIETTA	1015.1	—	NW	1	26.2	31	—	21	—	73	—	2	8	Cu	1	0	75	116
134	PORT SA'ÎD	1015.2	+2.8	NNW	2	28.2	32	+2	24	+2	68	-2	2	7	Ac	1	0	38	82
135	EL 'ARÎSH	1014.4	—	—	0	29.9	31	—	24	—	66	—	1	7	Cu	0	0	85	91
136	LOWER EGYPT — DAMANHÛR	1015.8	+2.1	NE	1	27.0	34	+2	20	+2	63	-16	0	8	—	0	0	78	110
137	MANSÛRA	1015.2	—	N	1	25.1	34	+1	22	+3	73	-3	0	8	—	0	0	45	57
	TANTA	1016.3	+2.1	—	0	25.5	34	+1	18	-1	80	+4	0	7	—	0	0	54	48
	ZAGÂZÎG	1016.2	—	NNW	1	25.9	32	-1	20	+2	79	0	2	8	Cu	1	0	20	28
	MIDDLE EGYPT — CAIRO — ALMÂZA	1015.5	—	NNE	3	24.6	32	—	19	—	78	—	2	7	Sc	1	0	23	—
	EZBEKÎYA	1015.4	+2.0	WNW	2	24.3	34	+2	21	+2	86	+8	0	5	Cu	0	0	18	34
	GÎZA	1015.6	+1.8	NNE	2	23.5	33	+2	19	+2	86	+5	1	5	Cu	0	0	16	31
143	HELWÂN	1015.1	+1.4	NNW	2	24.8	32	0	22	+2	76	+8	1	6	Cu	1	0	17	35
144	SUEZ	1014.8	+2.0	NW	3	26.5	34	+1	23	+1	75	-2	1	7	—	0	0	13	26
153	UPPER EGYPT — FAIYÛM	1015.4	+1.8	N	3	25.2	35	+2	21	+2	75	+2	0	6	Cu	0	0	6	11
154	MINYA	1014.4	+1.5	N	2	25.0	38	+6	20	+1	70	-4	0	8	—	0	0	16	—
155	ASYÛT	1014.3	+1.7	SW	2	26.0	37	+4	20	-1	55	-10	0	6	—	0	0	dr.	5
156	QENA	1011.2	+0.7	W	1	30.0	40	+3	25	+4	53	-1	0	7	—	0	0	dr.	—
157	LUXOR	1011.2	—	SSW	2	29.9	42	—	23		55		1	8	Cu	1	0	dr.	—
158	ASWÂN	1009.9	-0.7	N	1	32.0	44	+4	30	+7	38	+1	2	8	Cu	1	0	1	—
148	WESTERN DESERT — SÎWA	1016.6	+2.8	—	0	26.5	36	+1	20	+2	74	+12	0	6	—	0	0	29	7
149	BAHARÎYA	1015.4	—	NNE	2	23.0	34	—	19	—	81	—	0	9	—	0	0	26	—
151	KHÂRGA	1012.3	+0.4	N	4	30.0	40	+4	26	+6	40	-11	0	9	—	0	0	0	dr.
152	DÂKHLA	1013.9	+1.0	SSE	1	29.9	39	+3	24	+4	42	0	0	8	—	0	0	dr.	—
145	RED SEA — TÛR	1011.9	+1.4	NW	4	27.5	34	+3	25	+3	84	+12	0	4	—	0	0	14	14
146	HURGHÂDA	1011.5	+0.8	NNW	4	29.0	34	+1	25	+3	59	+4	0	6	—	0	0	dr.	1
147	QUSEIR	1009.5	-0.7	N	4	31.7	34	+2	27	+2	52	+4	0	6	—	0	0	1	7
169	PORT SUDAN	1008.3	-0.6	SW	1	33.8	—	—	28	0	58	+7	1	—	—	0	0	43	122
165	NORTH SUDAN — WÂDI HALFA	1009.5	-1.7	NNE	2	31.3	42	+3	27	+5	33	0	3	8	Sc	0	—	—	
166	KAREIMA	1008.8	-0.9	SSW	4	32.0	43	+1	28	+3	43	+14	1	7	Ci	0	0	11	33
167	'ATBARA	1009.0	+0.3	SW	2	33.5	40	-1	27	+2	28	+2	0	—	—	0	0	81	81
168	KHARTÛM	1009.9	+0.9	S	2	29.5	35	-5	25	0	52	+3	3	8	Ac	1	0	119	146
170	KASSALA	1009.8	-1.1	S	3	27.7	36	-1	23	0	—	—	1	8	Cs, Ac	0	0	285	314
171	CENTRAL SUDAN — WAD MEDANI	1010.4	+0.4	SW	2	27.6	32	-5	21	-1	66	+1	0	—	—	0	0	469	375
173	DUEIM	1010.3	+0.1	S	2	28.0	32	-5	22	0	70	+7	0	—	—	0	0	357	286
182	RENK																		
172	ROSEIRES	1010.6	-0.6	WNW	2	25.3	33	-1	21	+1	86	+8	1	—	—	0	0	847	730
174	EL OBEID	1011.0	-0.6	SSW	2	27.3	31	-4	23	+2	69	+6	2	8	Ac	0	1	457	328
175	EL FÂSHER	—	—	N	1	23.0	31	-5	20	+1	78	+25	0	—	—	0	0	230	313
176	S. SUDAN — MALAKÂL	1011.2	-0.5	NE	2	25.0	30	-3	21	-1	92	+12	3	8	Cb	1	dr.	730	834
177	WÂU	1011.5	+0.6	N	1	23.6	32	-1	20	0	86	+4	1	—	—	1	0	912	1068
178	JUBA	1013.7	+1.6	NNE	2	24.1	34	+1	21	+1	91	+9	4	8	Sc, Ch	5	dr.	876	857
179	Geneina	—	—	NE	3	19.6	30	—	17	—	81	—	2	8	Sc	0	8	—	—
180	Ombadat																		

Upper Wind Observations on 21st — ارصاد الرياح العليا يوم ٢١

Height 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
200	250	10	350	13	20	20	0	23	—	—	—	—
500	40	16	10	12	40	26	10	24	10	26	60	12
1000	20	20	10	25	Encl. Sc.		30	57	320	30	60	17
1500	10	34	10	41			50	8	280	25	140	28
2000	10	35					30	5	250	26	110	28
3000											170	19
4000												
5000												
6000												

Height above M.S.L.	W. Halfa 06h.00m. Dir. E of N.	Kms per hour	Kareima 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	El Obeid 06h.00m. Dir. E of N.	Kms per hour	Malakal 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	Almazad 12h.00m. Dir. E of N.	Kms per hour
200	30	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	350	13
500	60	27	230	34	210	24	—	—	—	—	20	21	—	—	—	—	340	11
1000	100	31	230	27	180	14	230	10	210	6	20	11	30	53	70	26	40	14
1500	70	29	150	11	100	11	30	10	120	11	70	8	60	68	90	35	—	0
2000	70	39	110	27	100	18	0	2	110	8	30	8	100	42	100	29		
3000	100	18							100	13			120	48	160	29		
4000																		
5000																		
6000																		

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

STATION	Mean of day HUMIDITY % on 20th	Diff. from normal	WET BULB TEMP. °C on 20th	Diff. from normal
Alexandria	71	+4	21.9	+1.2
Ezbekiya	69	+4	22.7	+1.3
Gîza	67	0	21.8	+0.6
Helwân	58	+4	20.8	+2.1

Gîza Grass minimum on 21st 17.7 °C

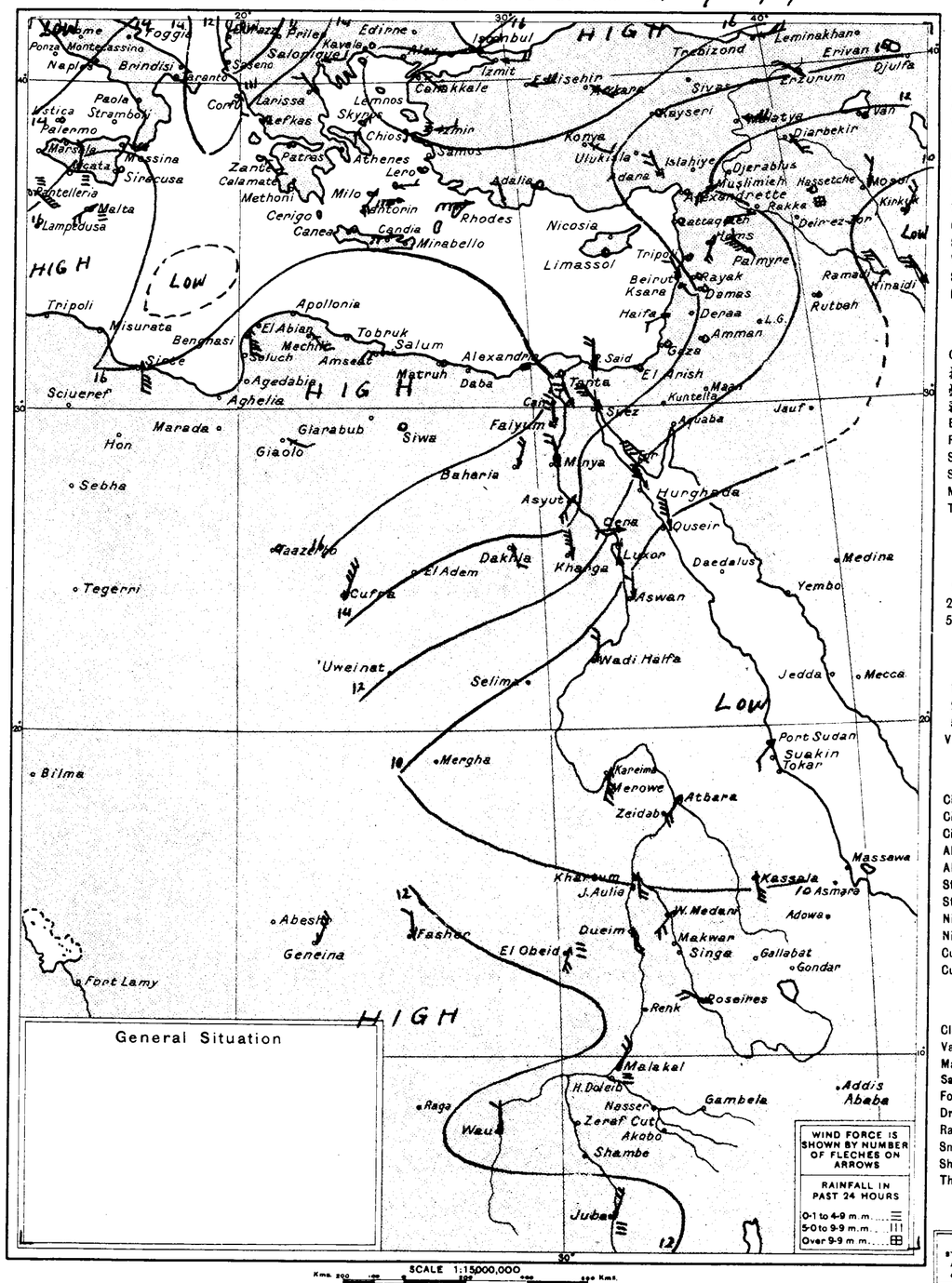
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
21-9	8046	9413
20-9	8113	9575

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	20-9	13.52	-0.28	13.52	-0.30
Nâsser	20-9	10.50	+0.18	10.47	+0.15
Malakâl	21-9	12.24	+0.10	12.24	+0.11
Roseires	21-9	19.24	+1.00	18.86	+0.58
Sennâr Res.	20-9	17.21	—	17.21	—
Khartûm	20-9	15.86	+0.24	15.56	+0.12
Kh. el Girba	19-9	13.72	+0.51	13.30	+0.03
'Atbara	20-9	14.84	+0.16	14.74	+0.03
Kajnarti	21-9	141.63	+0.40	141.13	+0.46
Wâdi Halfa	21-9	7.80	+0.32	7.87	+0.36
Aswân Res.	21-9	97.00	—	97.00	—
" D. S.	21-9	92.12	+0.21	92.18	+0.22
El Leisi	21-9	23.11	+0.49	23.14	+0.51
Rôda (Cairo)	21-9	19.03	+0.39	19.08	+0.43

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

Pressure and Wind at 8 h. 21-9-1937



STATION	At 8 h. on 20-9-37 — الساعة ٨ يوم ٢٠-٩-٣٧ 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 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
Limassol	1011	-1	SE	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1011.2	+0.6	WNW	1	29.0	33	+3	23	+3	70	+3	0	—	—	—	0	365	648	حيفا
Gaza	1010.8	-0.4	SSE	1	27.3	32	+3	20	+1	79	+10	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

Nasser river gauge readings for 16 & 17.8.37. published on 19 & 20.8.37 should read 9.98 & 9.44 instead of 9.96 & 9.98 m respectively.

ANNUAL SUBSCRIPTION

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

70307

Instructions for punching Card Deck 29: from Egyptian Daily Weather Report (Source 413)

1. 1-5: Station number, obtain from template for 0500 obs today, select from template for 0800 obs yesterday if shown. If station is not shown, leave blank and write station name on reverse of card.

Col. 6-7: Year, last two digits.
Col. 8-9: Month, 01 to 12.
Col. 10-11: Day of month, shown at top of page, today on left half, yesterday on right half, 01 to 31. Dates are written as 2-1-1934, which means 2 Jan 1934, not 1 Feb 1934.
Col. 12-13: Hour, 0800 today for obs on left side of page, 0800 yesterday for obs on right side of page. Watch that correct day is punched.

Col. 14-18: Sea level pressure, in mb to tenths. Punch entire five digit group as reported. If only the last three digits are reported, as 120, punch as 10120; or if reported as 995, punch as 09950. See supervisor if problems arise.

Col. 19-22: 24-Hour Pressure Change: Punch in mb to tenths, using col 19 as the plus or minus indicator. Punch 0 for plus, 9 for minus. This element is not always reported. Leave blank, do not punch XX if not reported.

Col 23-26: Pressure difference from normal, in mb to tenths. Same as 24-hour pressure change. Use 0 in col 23 for plus, 9 for minus.

Col. 27-28: Wind direction, punch to 32 point scale, punch 00 for calm. See code tables used for Army Form 94-A.

Col. 29: Wind force, reported in Beaufort. Punch as recorded, 0 to [illegible]

Col. 30: State of sky, reported 1930-34. Punch as recorded, 0-9.

Col. 31: Present Weather, reported from 1930-38. Punch as recorded, 0-9.

Col. 32-33: Present Weather, reported from 1939-40. Punch as reported, 00-99.

Col. 34: Past Weather, reported from 1939-40. Punch as recorded, 0-9.

Col. 35: Cloud Amount, punch 0-9 as reported.

Col. 36: Cloud Forms, reported 1939-40 only. Punch 0-9 if reported in numbers; use code table shown in source if noted in literal description.

Col. 37-39: Temperature in °F, to tenths. Round off to nearest whole degree for punching. Temperatures ending in 5/10 will be rounded to the nearest even whole degree. (+ = 0 IN Col 37; − = 9)

Col. 40-42: Maximum Temperature. Punch as reported, in whole °F.

Col. 43-45: Maximum Temperature Difference from normal. Punch as reported, using Col 43 as indicator, 0 for plus, 9 for minus.

Col. 46-48: Minimum Temperature. Punch same as maximum temperature.

Col. 49-51: Minimum Temperature difference from normal. Punch same as col 43-45.

Col. 52-54: Relative Humidity. Punch from 000 to 100, as reported.

Col. 55-57: Relative humidity difference from normal. Using col 55 as indicator, 0 for plus, 9 for minus, punch the difference from normal, when reported.

Col. 58-59: 24-Hour Precipitation. Punch in whole millimeters, 00 to 99. Punch "Trace" or "Drops" as "00". "RAIN" AS "XO"

Col. 60: State of Sea, punch as reported, 0-9.

Col. 61: Visibility, punch as reported, 0-9.

GENERAL INSTRUCTIONS: Some elements may not be reported for the entire period. Columns should be left blank for these cases. Leave columns blank for any sporadically missing data, also. Punch identification cards for missing observations. Be very careful in selecting station number from template when observations are missing from a block in the source. XX's should not be used for missing data in any case.

CAIRO

Time of sunrise h. m. 05 44

sunset h. m. 17 52

Month September 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14h. on 21st الساعة ١٤ يوم ٢١ — At 8h. on Wednesday 22nd الساعة ٨ يوم الأربعاء ٢٢

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	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																									
	SALÛM	1017.0	NNE	2	29.0	36	4	7	1017.0	+2.0	WSW	2	26.6	31	—	21	—	75	—	0	6	—	0	0	105	—
	MATRÛH	1016.2	NW	2	26.6	79	0	6	1015.1	+0.5	WSW	1	23.8	27	-1	21	+1	95	+20	4	6	Sc	2	0	182	158
50	DIKHEILA	1016.1	NNW	3	27.0	65	0	—	1015.6	—	NNW	3	26.0	28	—	25	—	74	—	0	—	—	—	0	145	—
132	ALEXANDRIA	1015.5	NNE	3	28.6	58	1	9	1015.2	+0.5	N	2	25.4	31	+1	24	+2	77	+8	2	8	Cu	2	0	167	191
159	DAMIETTA								1014.4	—	W	1	27.0	31	—	20	—	76	—	0	7	—	1	0	75	116
134	PORT SAÏD	1014.8	NNW	3	30.5	59	1	7	1014.4	+1.9	NNW	2	27.0	31	+1	23	+1	71	+1	0	7	—	0	0	38	82
135	EL 'ARÎSH	1013.9	NNW	2	29.0	77	1	7							—		—									
	LOWER EGYPT																									
136	DAMANHÛR								1015.1	+1.3	NW	1	27.0	31	-1	20	+2	63	-16	1	8	Cu.	1	0	78	110
137	MANSÛRA								1014.8	—	N	1	24.2	32	-1	19	0	80	+4	0	8	—	0	0	45	57
	TANTA	1014.2	N	2	32.0	49	2	7	1015.0	+0.7	—	0	24.0	33	0	17	-1	83	+7	3	6	Cu.	2	0	54	48
	ZAGÂZÎG	1014.3	NNW	1	31.3	51	1	8	1015.2	—	NNW	1	25.4	31	-1	18	-1	82	+3	0	8	—	0	0	20	28
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1014.0	NNW	4	31.4	46	1	8	1015.1	—	NE	1	24.1	32	—	17	—	81	—	0	6	Sc	1	0	23	—
	CAIRO EZBEKÎYA	1013.4	NNE	3	32.0	60	0	8	1014.7	+1.2	N	1	23.7	33	+1	20	+1	86	+8	0	5	—	0	0	18	34
	CAIRO GÎZA	1014.2	NW	3	31.2	51	0	7	1014.2	+0.3	NE	1	23.4	32	+1	19	+2	86	+5	0	5	—	0	0	16	31
143	HELWÂN	1013.3	NNW	5	31.8	37	0	6	1014.2	+0.4	NE	3	24.3	33	+1	21	+1	75	+7	0	6	—	0	0	17	35
144	SUEZ	1012.3	N	2	34.0	47	0	7	1014.3	+1.4	N	2	26.0	34	+1	23	+1	75	-2	0	7	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1013.4	N	3	32.8	39	0	6	1014.2	+0.5	N	3	25.0	34	+1	20	+1	73	0	0	6	Cu	0	0	6	11
154	MINYA	1013.0	N	3	32.5	38	0	7	1013.4	+0.3	NNE	3	23.5	33	+1	21	+2	78	+4	1	8	Cu	2	0	16	—
155	ASYÛT	1011.9	WSW	3	34.0	34	0	8	1013.0	+0.3	NW	3	24.0	35	+2	22	+1	75	+10	0	6	—	0	0	dr.	5
156	QENA	1009.5	W	1	39.0	33	2	8	1010.7	+0.1	W	2	28.5	41	+4	25	+4	61	+7	0	7	—	0	0	dr.	—
157	LUXOR	1008.4	E	1	41.5	37	1	8	1010.4	—	ESE	2	30.0	42	—	23	—	59	—	0	8	—	0	0	dr.	—
158	ASWÂN	1006.8	—	0	42.0	16	3	8	1009.0	-1.7	N	3	30.0	43	+4	26	+3	35	-2	2	8	Cu.	2	0	1	—
	WESTERN DESERT																									
148	SÎWA	1015.2	—	0	34.8	42	0	6	1015.8	+1.9	—	0	25.9	36	+1	18	0	64	+2	0	6	—	0	0	29	7
149	BAHARÎYA	1013.0	NNW	3	34.3	39	0	9	1015.2	—	NNE	1	23.1	35	—	19	—	85	—	0	9	—	0	0	26	—
151	KHÂRGA	1010.6	N	3	38.3	21	0	9	1011.8	-0.3	N	3	27.8	38	+2	23	+3	56	+5	0	9	—	0	0	0	dr
152	DÂKHLA	1011.6	NNW	1	35.7	18	0	8																		—
	RED SEA																									
145	TÔR	1008.6	NW	5	30.5	76	0	4	1010.6	0.0	NW	4	27.1	32	+1	24	+2	83	+11	0	4	—	0	0	14	14
146	HURGHÂDA								1011.6	+0.8	NNW	4	28.2	34	+1	25	+3	69	+14	0	6	—	0	0	dr.	1
147	QUSEIR	1010.6	NNE	3	32.6	62	0	6																		
169	PORT SUDAN								1007.1	-1.9	NW	1	33.6	—	—	26	-2	61	+9	1	—	—	0	0	43	122
	NORTH SUDAN																									
165	WÂDI HALFA								1010.5	-0.8	N	4	28.7	42	+4	28	+6	34	0	2	8	Ac,As	0	—	—	—
166	KAREIMA								1008.1	-1.6	S	2	33.7	43	+1	29	+4	40	+12	1	8	Ac	0	0	11	33
167	'ATBARA								1008.2	-0.6	W	2	32.0	42	+1	27	+2	33	+7	1	—	—	0	1	82	81
168	KHARTÛM								1007.7	-1.3	—	0	30.3	40	0	26	+1	53	+4	2	8	Ac.	0	0	119	147
170	KASSALA								1008.8	-2.0	S	3	28.2	38	+1	23	0	77	+20	0	8	Cs	0	0	285	316
	CENTRAL SUDAN																									
171	WAD MEDANI								1007.9	-2.1	SSW	1	30.0	37	0	23	+1	56	-8	1	—	—	0	0	469	377
173	DUEIM								1008.4	-1.8	N	2	31.2	37	0	24	+2	52	-10	0	—	—	0	0	357	288
182	RENK									—					—		—		—							
172	ROSEIRES																									
174	EL OBEID								1009.1	-2.4	WSW	3	28.8	35	0	23	+2	58	-4	1	8	Cu	0	0	457	331
175	EL FÂSHER								—	—	WSW	1	24.5	37	+1	20	+1	76	+24	0	—	—	0	0	230	314
	S. SUDAN																									
176	MALAKÂL								1008.8	-2.8	NW	1	27.5	33	0	23	+1	84	+4	2	8	Ci,Ac	1	0	730	839
177	WÂU								1010.4	-0.5	NW	1	25.4	35	+2	23	+3	85	+3	3	—	—	0	0	912	1073
178	JÛBA																									
179	Geneina								—	—	NE	2	21.5	31	—	19	—	91	—	2	8	Fn	0	0	—	—
180	Gallabat																									

Upper Wind Observations on 22nd ارصاد الرياح العليا يوم ٢٢

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 06h.00m. Dir. E.of N.	Kareima Kms. per hour	Khartum 06h.00m. Dir. E.of N.	Khartum Kms. per hour	Kassala 07h.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	Geneina 07h.00m. Dir. E.of N.	Geneina Kms. per hour	Ismailia R.A.F. 07h.00m. Dir. E.of N.	Ismailia Kms. per hour	Almaza 21st 11h.45m. Dir. E.of N.	Almaza Kms. per hour
[illegible]	270	11	Ent. Cu.		40	10	60	26	—	—	—	—	350	31	—	—	—	—	—	—	—	—	—	—	—	—	30	13	10	14
[illegible]	50	14			50	23	30	19	30	29	30	26	20	34	160	24	10	31	—	—	—	—	90	3	—	—	30	18	30	8
[illegible]	0	18			50	31	40	36	0	26	30	12	10	26	150	10	10	35	150	8	330	10	340	8	240	11	40	23	10	11
[illegible]	50	25					20	43	350	35	300	10	250	18	350	14	10	34	30	6	40	18	10	14	110	18	10	29	350	12
2000	40	23					30	42			260	10	90	3			0	24	50	11			50	16	70	34	10	29	310	7
3000											220	13	150	26					90	26			80	29	0	18	180	3	270	12
4000																			50	51			110	16			250	13	270	16
5000																											Tail		320	7
6000																													340	12

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 21st	Humidity Diff. from normal	Wet Bulb Temp. °C on 21st	Wet Bulb Diff. from normal
Alexandria	74	+7	22.3	+1.7
Ezbekîya	73	+8	23.2	+1.8
Gîza	71	+4	22.6	+1.4
Helwân	64	+10	21.8	+3.2

Gîza Grass minimum on 22nd 16.2 °C

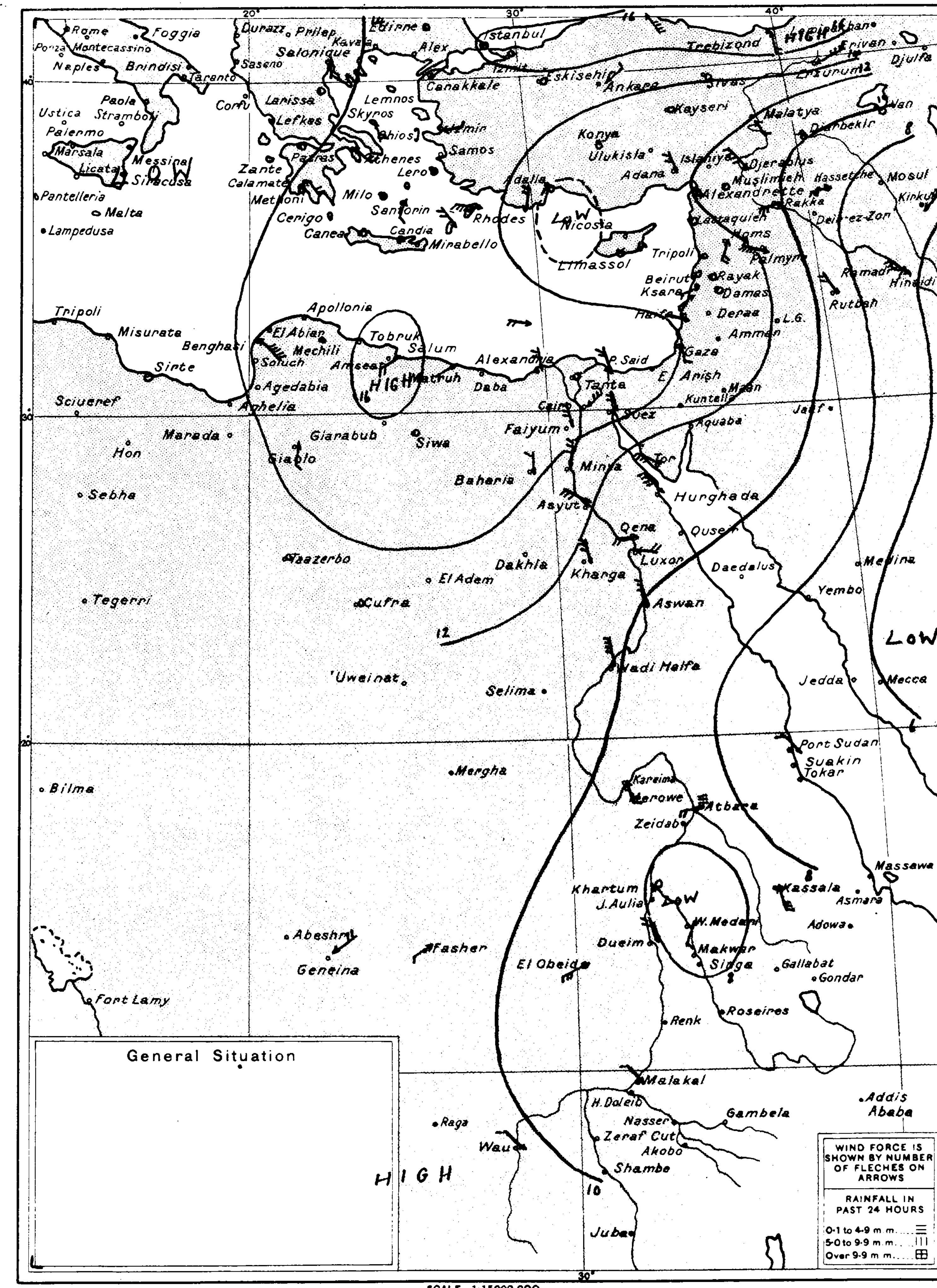
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
22-9	7978	9203
21-9	8046	9413

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-9	13.51	-0.27	13.52	-0.28
Nâṣṣer	21-9	10.50	+0.17	10.50	+0.18
Malakâl	22-9	12.25	+0.10	12.24	+0.10
Roseireṣ	22-9	18.86	+0.68	19.24	+1.00
Sennâr Res.	21-9	17.21	—	17.21	—
Khartûm	21-9	15.66	+0.27	15.66	+0.24
Kh. el Girba	21-9	13.52	+0.47	13.40	+0.28
'Atbara	22-9	15.00	+0.42	14.86	+0.23
Kajnarti	22-9	141.58	+0.40	141.63	+0.40
Wâdi Halfa	22-9	7.78	+0.34	7.80	+0.32
Aswân Res.	22-9	97.00	—	97.00	—
,, D. S.	22-9	92.00	+0.11	92.14	+0.21
El Leisi	22-9	23.00	+0.39	23.11	+0.49
Rôda (Cairo)	22-9	18.97	+0.33	19.03	+0.39

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

١٩٣٧-٩-٢٢ Pressure and Wind at 8 h. 22-9-1937



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 21-9-37 الساعة ٨ يوم ٢١-٩-٣٧

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
Limassol	1015	+2	—	0	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.0	+3.2	WSW	1	29.6	34	+4	24	+4	64	-3	0	—	—	—	0	365	648	حيفا
Gaza	1013.6	+2.3	—	0	27.1	34	+5	21	+2	83	+14	2	6	—	1	0	395	376	غزة
Ship	43323 —		29206 —		25200 —		15979 —		60000 —		42000								سفينة

Remarks

Roseires River Gauge reading for 1-9-1937 published on 1 & 2-9-1937 should read 19.50 instead of 19.40 m.

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

CAIRO
Time of sunrise h. 05 m. 44
sunset h. 17 m. 51

Month *September* 1937 ١٩٣٧ شهر سبتمبر

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

DAILY WEATHER REPORT

At 14h. on 22nd — الساعة ١٤ يوم ٢٢

No.	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN SALÛM	1016.6	NNE	1	28.3	53	0	8
	MATRÛH	1014.8	NW	4	27.6	80	0	6
	DIKHEILA	1014.4	NW	4	28.3	70	0	—
132	ALEXANDRIA	1013.6	NW	4	30.1	62	0	9
59	DAMIETTA							
134	PORT SAÏD	1013.0	NNW	3	30.5	55	0	7
135	EL 'ARÎSH	1012.0	NNW	3	28.8	78	0	7
136	**LOWER EGYPT** DAMANHÛR							
	MANSÛRA							
	TANTA	1012.7	—	0	32.0	49	0	7
	ZAGÂZÎG	1013.0	NNW	1	31.8	46	0	8
	MIDDLE EGYPT CAIRO ALMÂZA	1012.8	NW	3	31.4	43	0	8
	CAIRO EZBEKÎYA	1012.0	N	2	32.4	46	0	8
	CAIRO GÎZA	1012.4	N	3	31.4	49	0	7
143	HELWÂN	1011.2	NNW	5	33.2	28	0	6
144	SUEZ	1011.6	N	2	33.0	34	0	7
153	**UPPER EGYPT** FAIYÛM	1011.6	ENE	4	33.2	33	0	6
154	MINYA	1010.6	N	4	32.0	38	0	6
155	ASYÛT	1009.4	NW	3	34.0	31	0	8
156	QENA	1008.0	W	2	37.0	35	0	8
157	LUXOR	1007.8	E	1	39.3	41	0	8
158	ASWÂN	1005.6	N	2	41.3	20	0	8
148	**WESTERN DESERT** SÎWA	1014.2	—	0	36.0	40	0	6
149	BAHARÎYA	1012.4	N	3	34.2	45	0	9
151	KHÂRGA	1009.4	N	3	36.3	25	0	9
152	DÂKHLA	1010.8	N	3	35.5	11	0	7
145	**RED SEA** TÔR	1008.3	NW	5	29.1	83	0	4
146	HURGHÂDA							
147	QUSEIR	1008.8	N	3	33.4	62	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	Gallabat							

At 8h. on Thursday 23rd — الساعة ٨ يوم الخميس ٢٣

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.
SALÛM	1015.4	+0.3	WSW	1	28.3	34	—	24	—	25	—	0	5	—	0	0	105	—
MATRÛH	1013.9	-0.8	—	0	25.1	28	0	21	+1	77	+2	0	6	—	0	0	182	158
DIKHEILA	—	—	NNW	2	26.7	29	—	25	—	80	—	0	—	—	—	0	145	—
ALEXANDRIA	1013.3	-1.5	N	2	26.1	32	+2	24	+2	82	+13	1	9	Cu	0	0	167	191
DAMIETTA	1013.1	—	ENE	1	27.6	32	—	22	—	71	—	3	8	St.	2	0	75	116
PORT SAÏD	1012.6	-0.1	NNW	2	28.7	31	+1	23	+1	69	-1	2	7	Cu	1	0	38	82
EL 'ARÎSH							—		—		—							
DAMANHÛR	1013.3	-0.6	ENE	1	27.0	34	+2	20	+2	77	-2	0	8	Cu	0	0	78	110
MANSÛRA	1012.8	—	ENE	1	25.2	33	0	23	+4	84	+8	2	5	As.	4	0	45	57
TANTA	1013.1	-1.2	—	0	26.0	34	+1	21	+3	84	+8	3	6	Cu	2	0	54	48
ZAGÂZÎG	1013.4	—	NW	1	25.9	32	0	21	+3	82	+3	4	8	Sc.	1	0	20	28
ALMÂZA	1013.3	—	NE	2	24.4	32	—	19	—	85	—	2	7	Sc	1	0	23	—
EZBEKÎYA	1012.8	-0.8	NNW	1	24.0	33	+1	22	+3	92	+14	4	5	St	1	0	18	34
GÎZA	1012.7	-1.2	NW	1	24.7	32	+1	21	+4	86	+5	2	5	Cu	1	0	16	31
HELWÂN	1012.4	-1.5	N	2	24.6	33	+1	21	+1	77	+9	3	6	Cu	1	0	17	35
SUEZ	1012.7	-0.3	NW	3	24.0	34	+1	21	0	77	0	0	7	—	0	0	13	26
FAIYÛM	1012.7	-1.1	NNE	3	25.2	35	+2	22	+3	77	+4	3	6	Cu	0	0	6	11
MINYA	1012.0	-1.2	NNW	3	25.0	33	+2	23	+4	76	+2	0	7	—	0	0	16	—
ASYÛT	1011.4	-1.4	NW	3	24.1	36	+4	21	0	73	+8	0	6	—	0	0	dr.	5
QENA	1008.6	-2.1	W	1	28.0	38	+1	22	+1	57	+3	0	7	—	0	0	dr	—
LUXOR	1009.1	—	SSW	3	28.1	40	—	21	—	54	—	0	8	—	0	0	dr.	—
ASWÂN	1008.4	-2.5	NNE	2	29.3	43	+4	24	+1	34	-3	0	8	—	0	0	1	—
SÎWA	1014.6	+0.6	—	0	26.4	40	+5	19	+1	59	-3	0	6	—	0	0	29	7
BAHARÎYA	1014.0	—	ENE	2	24.0	35	—	19	—	81	—	0	9	—	0	0	26	—
KHÂRGA	1010.8	-1.4	N	2	28.2	37	+1	22	+2	55	+4	0	9	—	0	0	0	dr.
DÂKHLA	1012.8	-0.4	NNW	2	26.0	36	0	23	+3	48	+6	0	8	—	0	0	dr.	—
TÔR	1008.6	-2.2	NW	4	27.5	30	-1	24	+3	80	+9	0	4	—	0	0	14	14
HURGHÂDA																		
QUSEIR	1008.7	-1.7	N	3	30.6	33	+1	26	+1	46	-2	0	6	—	0	0	1	7
PORT SUDAN	1006.4	-2.8	NW	1	32.4	—	—	28	0	70	+18	0	—	—	0	0	43	122
WÂDI HALFA	1009.5	-1.9	N	3	28.4	40	+2	26	+4	38	+4	0	8	Ac.	0	—	—	—
KAREIMA	1007.0	-2.7	NE	5	32.5	44	+2	29	+4	36	+8	0	8	—	0	0	11	33
'ATBARA	1005.4	-3.4	N	2	32.3	43	+2	27	+2	27	+1	0	—	—	0	0	82	81
KHARTÛM	1005.9	-3.0	NNW	1	30.5	43	+3	26	+1	51	+3	3	8	C,Ac	0	0	119	147
KASSALA	1006.6	-4.2	S	4	28.2	39	+2	24	+1	70	+15	0	8	Ci	0	0	285	318
WAD MEDANI	1006.6	-3.3	SW	2	29.5	39	+2	21	-1	62	-2	1	—	—	0	0	469	379
DUEIM	1007.1	-3.0	SW	3	30.0	39	+2	24	+2	52	-9	0	—	—	0	0	357	289
RENK																		
ROSEIRES	1007.9	-3.2	SSW	2	27.7	35	+1	22	+2	78	+1	2	—	—	0	0	847	740
EL OBEID	1009.3	-2.2	SSW	4	25.8	38	+3	22	+1	62	0	4	8	C.Ac	1	0	457	334
EL FÂSHER	—	—	NW	2	24.5	39	+3	21	+2	76	+25	0	—	—	0	0	230	315
MALAKÂL	1010.8	-0.8	SSW	4	24.2	35	+2	22	0	83	+3	4	7	Sc	1	8	738	844
WÂU	1010.3	-0.6	NW	1	22.5	36	+3	19	-1	83	+1	2	—	—	2	40	952	1079
JÛBA	1014.3	+2.3	NE	5	21.9	29	-4	20	0	91	+9	4	7	Sc.Cb	2	dr.	876	864
Geneina	—	—	N	3	20.7	34	—	19	—	82	—	4	8	Sc.	1	5	—	—
Gallabat																		

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

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

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms.	Matruh 07h.00m. 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 06h.00m. Dir.	Kms.
200	—	0	40	18	20	29	10	9	—	—	—	—	0	13	—	—
500	300	12	60	15	10	23	30	12	30	37	10	28	10	29	30	50
1000	340	26	10	33	30	38	20	52	20	47	190	4	30	32	50	58
1500	330	34	0	45	Ent.	Sc.	20	51	50	22	140	9	20	14		
2000	330	26	0	18			30	48			150	12	0	13		
3000											250	13	100	6		
4000											220	16	180	16		
5000													230	19		
6000																

Height metres above M.S.L.	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.	Salum 13h.00m. Dir.	Kms.	Almaza 11h.45m. Dir.	Kms.
200	—	—	—	—	—	—	—	—	—	—	40	5	20	11
500	240	24	—	—	—	—	—	—	210	14	340	20	30	30
1000	340	3	190	19	260	29	320	14	210	23	350	12	50	23
1500	20	11	300	2	340	19	60	16	140	8	0	18		
2000	130	2	10	14	20	21	70	18	100	13				
3000					60	47	120	32	70	21				
4000							160	32						
5000														
6000														

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet bulb temp. °C on 22nd	Diff. from normal
Alexandria	76	+9	23.6	+3.0
Ezbekîya	70	+5	22.9	+1.6
Gîza	73	+6	22.4	+1.3
Helwân	56	+2	20.8	+2.2

Gîza Grass minimum on 23rd 18.0 °C

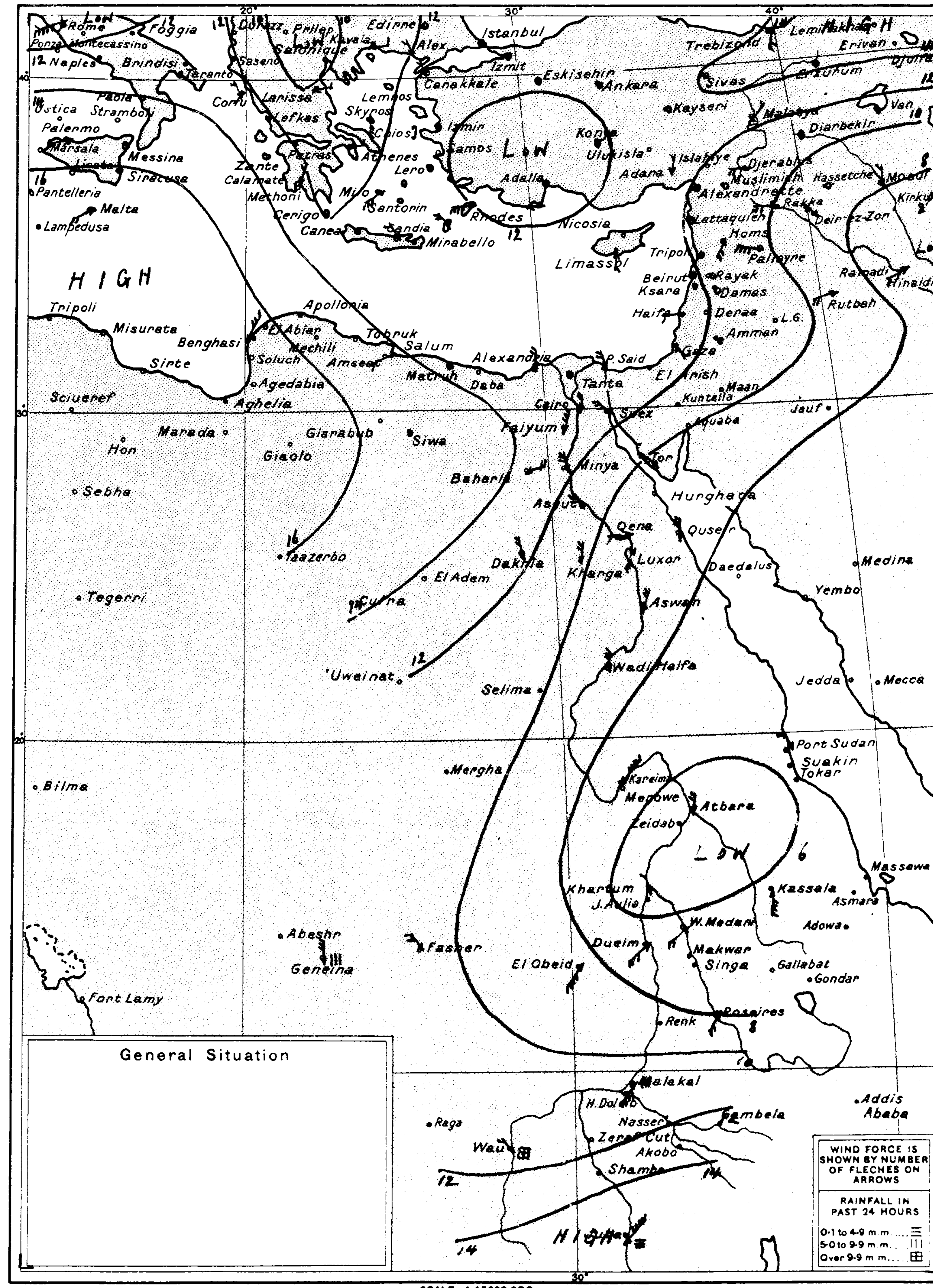
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
23.9	7912	9108
22.9	7978	9203

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	22.9	13.59	-0.18	13.51	-0.27
Nâsser	22.9	10.51	+0.16	10.50	+0.17
Malakâl	23.9	12.25	+0.10	12.25	+0.10
Roseires	23.9	18.65	+0.53	18.86	+0.68
Sennâr Res.	22.9	17.17	—	17.21	—
Khartûm	22.9	15.61	+0.25	15.66	+0.27
Kh. el Girba	22.9	13.40	+0.42	13.62	+0.47
'Atbara	22.9	15.00	+0.42	14.86	+0.23
Kajnarti	23.9	141.50	+0.36	141.58	+0.40
Wâdi Halfa	23.9	7.73	+0.33	7.78	+0.34
Aswân Res.	23.9	97.00	—	97.00	—
,, D.S.	23.9	92.02	+0.18	92.00	+0.11
El Leisi	23.9	22.90	+0.30	23.00	+0.39
Rôda (Cairo)	23.9	18.83	+0.15	18.97	+0.33

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

٢٣-٩-٣٧ Pressure and Wind at 8 h. 23-9-37



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 22-9-37 — الساعة ٨ يوم ٢٢-٩-٣٧

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
Limassol	1013	0	E	2	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.1	+2.2	WNW	1	28.5	34	+4	24	+4	71	+4	0	—	—	—	0	365	648	حيفا
Gaza	1013.5	+2.1	S	1	27.0	33	+4	20	+1	76	+7	0	9	—	0	0	345	376	غزة
Dakhla	1013.6	+0.7	NNW	2	26.9	36	0	22	+2	52	+10	0	8	—	0	0	dr.	—	الداخلة
Quseir	1012.4	+2.1	N	4	30.2	34	+2	27	+2	57	+11	0	6	—	0	0	1	7	القصير

Remarks

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

CAIRO
Time of sunrise 5 h. 44 m.
sunset 17 h. 49 m.

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

DAILY WEATHER REPORT

Month *September* 1937 — ١٩٣٧ — شهر سبتمبر — ٢٤-٩-٣٧

At 14h. on *23rd* — الساعة ١٤ يوم ٢٣ — At 8h. on *Friday 24th* — الساعة ٨ يوم الجمعة ٢٤

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.
180	MEDITERRANEAN	SALÛM	1014.4	NNE	4	31.3	32	0	7	1017.1	+1.9	NNW	3	24.2	38	—	22	—	81	—	1	5	Cu	3	0	105	—
131		MATRÛH	1013.0	N	3	28.9	81	0	6	1015.0	+0.2	NNW	3	26.4	29	+1	25	+5	85	+10	0	6	—	0	0	182	158
150		DIKHEILA	1012.7	NW	3	28.9	—	0	—	1014.1	—	NNW	3	27.6	30	—	26	—	66	—	0	—	—	—	0	145	—
132		ALEXANDRIA	1011.4	NW	3	30.5	63	0	9	1013.9	-0.9	NE	2	27.0	31	+1	25	+3	76	+7	0	8	—	0	0	167	191
159		DAMIETTA								1012.7	—	ESE	1	27.5	32	—	21	—	75	—	0	7	Ci	1	0	75	116
134		PORT SAÏD	1010.7	NNW	3	31.4	56	0	7	1013.1	+0.4	NNW	2	28.1	32	+2	22	0	65	-5	0	7	—	0	0	38	82
135		EL 'ARÎSH	1010.4	NNW	2	29.6	70	0	7	1012.7	—	—	0	29.0	30	—	21	—	71	—	0	7	Cu	0	0	85	91
136	LOWER EGYPT	DAMANHÛR								1013.8	-0.2	—	0	26.2	34	+2	20	+2	82	+2	3	4	Cu	4	0	78	110
		MANSÛRA								1014.8	—	E	1	24.8	35	+2	21	+2	83	+7	0	8	—	0	0	45	57
		TANTA	1010.7	—	0	33.0	50	0	7	1013.9	-0.6	—	0	25.0	34	+1	18	0	84	+8	1	7	Cu	1	0	54	48
		ZAGÂZÎG	1011.0	NW	1	32.0	54	0	8	1013.9	—	NNW	1	26.0	33	+1	18	0	76	-3	0	7	—	0	0	20	28
	MIDDLE EGYPT	CAIRO ALMÂZA	1011.2	NW	3	32.8	45	0	8	1013.3	—	NE	3	24.9	33	—	16	—	69	—	0	8	—	0	0	23	—
		CAIRO EZBEKÎYA	1010.0	NNE	2	33.3	50	0	8	1013.0	-0.7	N	1	23.3	34	+2	19	0	84	+6	0	6	—	0	0	18	34
		CAIRO GÎZA	1010.4	NNW	2	32.3	63	0	7	1013.1	-0.9	NW	1	21.7	34	+3	19	+2	91	+10	0	5	—	0	0	16	31
143		HELWÂN	1009.5	NNE	4	33.1	33	0	7	1012.6	-1.4	NE	3	25.0	34	+3	20	+1	61	-7	0	6	—	0	0	17	35
144		SUEZ	1010.0	N	3	33.3	33	0	7	1012.6	-0.5	NW	3	25.6	34	+1	22	+1	61	-16	0	7	—	0	0	13	26
153	UPPER EGYPT	FAIYÛM	1010.0	NNE	3	34.8	37	0	8	1012.6	-1.3	N	3	24.4	36	+3	20	+1	72	-1	0	7	—	0	0	6	11
154		MINYA	1009.0	N	3	34.5	38	0	8	1011.9	-1.4	NNE	3	24.0	35	+4	20	+1	72	-2	0	9	—	1	0	16	—
155		ASYÛT	1007.9	NNW	3	34.0	31	0	8	1011.2	-1.7	WSW	3	25.0	37	+5	21	+1	60	-5	0	7	—	0	0	dr.	5
156		QENA	1007.2	W	1	37.4	34	0	8	1010.0	-0.8	WSW	1	27.3	38	+1	22	+2	65	+11	0	7	—	0	0	dr.	—
157		LUXOR	1006.2	ESE	1	39.0	40	0	8	1009.4	—	WSW	1	28.0	40	—	21	—	58	—	0	8	—	0	0	dr.	—
158		ASWÂN	1004.7	N	2	40.8	17	0	8	1007.8	-3.2	N	3	30.0	42	+3	25	+2	31	-6	1	8	Cu	1	0	1	—
148	WESTERN DESERT	SÎWA	1012.3	NW	1	39.0	41	0	6	1016.6	+2.5	—	0	26.4	41	+6	21	+4	82	+20	0	6	—	0	0	29	7
149		BAHARÎYA	1010.3	ENE	2	37.0	33	0	9	1014.2	—	N	2	24.6	37	—	21	—	87	—	0	9	—	1	0	26	—
151		KHÂRGA	1007.6	N	1	36.6	25	0	9	1010.2	-2.1	N	4	29.2	37	+1	25	+5	45	-6	0	9	—	0	0	0	dr.
152		DÂKHLA	1009.6	NNE	3	36.1	13	0	8	1012.4	-0.8	NNW	2	26.9	37	+1	24	+4	50	+8	0	8	—	0	0	dr.	—
145	RED SEA	TÔR	1006.7	NW	4	30.2	76	0	5	1009.9	-1.0	NW	2	27.5	31	0	24	+3	70	-1	0	5	—	0	0	14	14
146		HURGHÂDA								1011.6	+0.6	NNW	4	28.6	32	0	22	0	45	-10	0	5	—	0	0	dr.	1
147		QUSEIR	1007.9	N	3	32.6	45	0	6	1009.4	-1.2	N	2	31.1	32	0	25	0	54	+6	0	7	—	0	0	1	7
169		PORT SUDAN								1007.8	-1.5	SE	1	32.5	—	—	28	0	72	+17	1	—	—	0	0	43	122
165	NORTH SUDAN	WÂDI HALFA								1008.9	-2.5	N	3	28.8	40	+2	26	+5	35	+1	3	8	Sc,Ac	0	—	—	—
166		KAREIMA								1006.3	-3.5	—	0	33.6	45	+3	27	+2	22	-6	0	8	—	0	0	11	33
167		'ATBARA								1006.6	-2.2	SW	3	33.0	43	+3	28	+3	34	+8	0	—	—	0	0	82	81
168		KHARTÛM								1008.6	-0.3	SW	4	29.2	42	+2	25	0	58	+10	0	8	Ac,Ci	0	dr	119	148
170		KASSALA								1009.1	-1.6	SSE	1	28.3	39	+2	23	0	57	+4	0	8	Ci	0	2	287	319
171	CENTRAL SUDAN	WAD MEDANI								1010.3	+0.4	ESE	2	24.6	38	0	19	-3	73	+10	0	—	—	0	7	476	381
173		DUEIM								1009.9	-0.2	SE	3	27.0	38	+1	22	0	71	+10	1	—	—	2	14	371	291
		RENK									—					—		—		—							
172		ROSEIRES								1009.6	-1.5	SW	2	22.9	35	+1	20	0	85	+8	4	—	—	2	2	849	746
174		EL OBEID								1010.4	-1.0	S	4	23.6	36	0	21	0	83	+22	3	8	Sc	1	0	457	336
175		EL FÂSHER								—	—	S	1	25.5	38	+2	22	+3	80	+30	0	—	—	0	0	230	316
176	S. SUDAN	MALAKÂL								1010.6	-1.0	SSW	1	25.0	28?	-5	21	-1	76	-3	4	8	Ac,Cs	1	4	742	850
177		WÂU								1011.4	+0.5	E	1	22.5	32	-1	21	+1	92	+10	4	—	—	2	6	958	1084
178		JÛBA								1012.7	+0.7	NE	2	24.7	33	0	20	0	68	-14	3	9	Sc	5	dr.	876	868
179 / 180		Geneina / Gallabat								—	—	NW	3	21.3	33	—	20	—	82	—	4	8	Cs	0	dr	—	—

Upper Wind Observations on *24th* — ارصاد الرياح العليا يوم ٢٤

Height metres above M.S.L.	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 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	Malakal 06 h. 00 m. Dir. E. of N.	Kms. per hour	Geneina 07 h. 00 m. Dir. E. of N.	Kms. per hour	Salum (23rd) 13 h. 00 m. Dir. E. of N.	Kms. per hour	Almaza (23rd) 11 h. 45 m. Dir. E. of N.	Kms. per hour
200	350	19	—	—	—	—	—	—	—	—	—	—	—	—	20	15	30	10
500	20	34	40	14	210	34	—	—	—	—	200	18	—	—	340	16	0	13
1000	50	29	90	24	210	76	190	29	240	43	180	14	300	14	280	13		
1500	70	24	110	14	210	56	210	2	260	27	350	5	120	14	280	16		
2000	100	11	70	21	—	—	320	21	10	26	0	2	70	19	340	26		
3000	0	2	60	27	100	11	40	21	70	37	70	8	0	56				
4000													70	55				
5000																		
6000																		

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Mean of day

Station	Humidity % on 23rd	Diff. from normal	Wet bulb temp. °C on 23rd	Diff. from normal
Alexandria	83	+16	24.2	+3.7
Ezbekiya	73	+8	23.9	+2.7
Gîza	71	+4	23.8	+2.8
Helwân	58	+4	21.7	+3.2

Gîza Grass minimum on 24th 16.5 °C

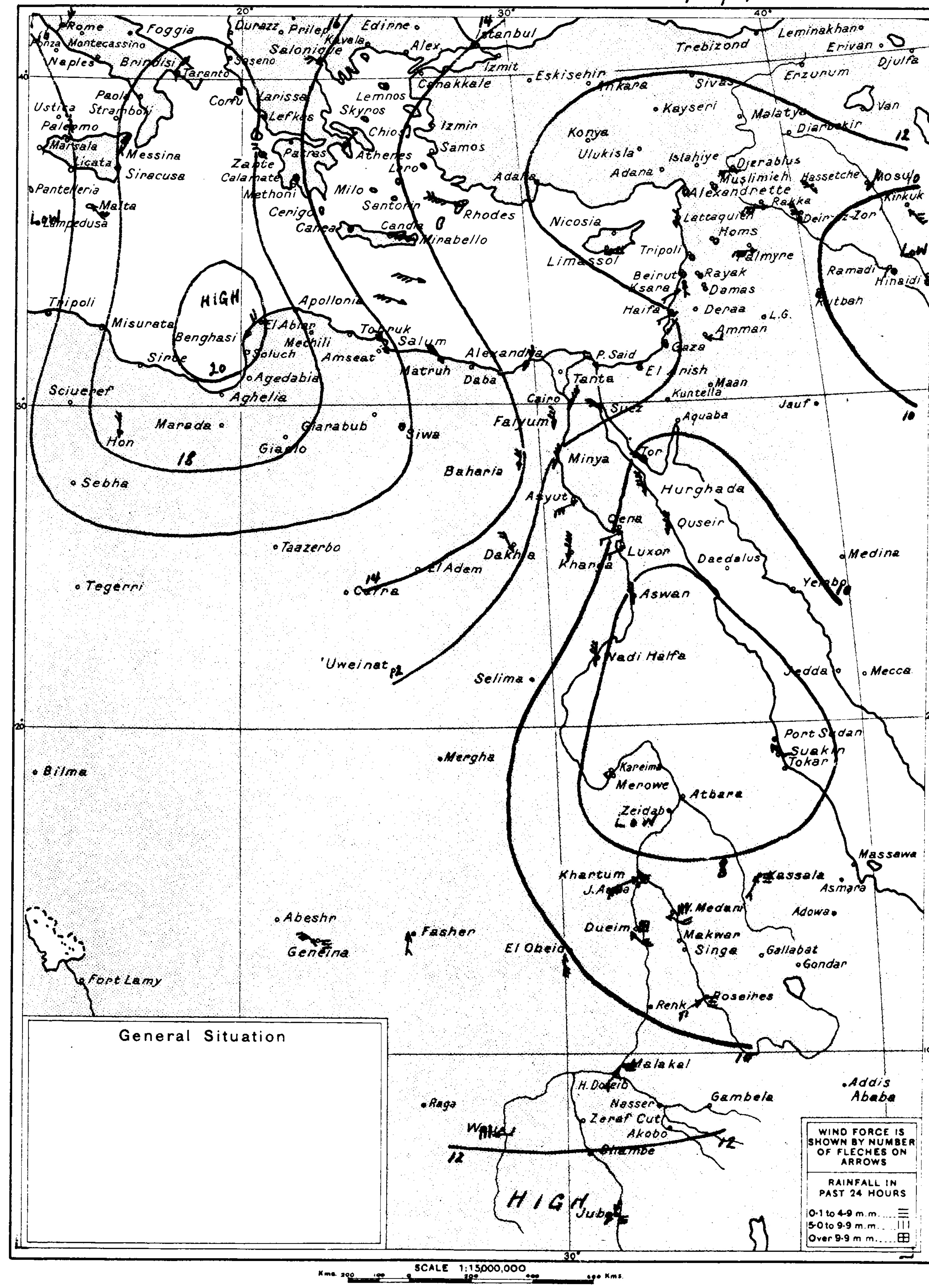
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
24-9	7857	9032
23-9	7912	9108

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	23-9	13.52	+0.24	13.59	+0.18
Nâsser	22-9	10.51	+0.16	10.50	+0.17
Malakâl	23-9	12.25	+0.10	12.25	+0.10
Roseires	23-9	18.65	+0.53	18.86	+0.68
Sennâr Res.	23-9	17.19	—	17.17	—
Khartûm	24-9	15.60	+0.29	15.57	+0.23
Kh. el Girba	24-9	12.90	+0.08	13.15	+0.24
'Atbara	24-9	14.87	+0.37	14.99	+0.45
Kajnarti	23-9	141.50	+0.36	141.58	+0.40
Wâdi Halfa	23-9	7.73	+0.33	7.78	+0.34
Aswân Res.	24-9	97.00	—	97.00	—
,, D. S.	24-9	91.98	+0.17	92.02	+0.18
El Leisi	24-9	22.84	+0.24	22.90	+0.34
Rôda (Cairo)	24-9	18.76	+0.13	18.83	+0.19

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

Pressure and Wind at 8 h. *24-9-1937*



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 *23-9-1937* — الساعة ٨ يوم ٢٣-٩-١٩٣٧

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	1012	-1	S	1	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.4	+1.4	W	1	28.5	34	+4	22	+2	63	-4	1	—	—	—	0	365	648	حيفا
Gaza	1012.4	+0.9	SE	1	26.0	33	+4	18	-1	74	+5	2	5	—	1	0	295	376	غزة
Hurghada	1009.8	-1.1	NNW	3	29.4	33	+1	22	0	58	+3	0	6	—	0	0	dr.	1	الغردقة

Remarks

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

CAIRO 1417 F.C.

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٠٠٨٩٨

Time of sunrise h. 05 m. 45
sunset h. 17 m. 48

Month September 1937 ١٩٣٧ شهر سبتمبر

At 14h. on 24th الساعة ١٤ يوم ٢٤ — At 8h. on Saturday 25th الساعة ٨ يوم السبت ٢٥

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.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	MEDITERRANEAN	SALÛM	1017.1	N	5	27.0	57	0	7	1018.6	+3.3	N	3	23.9	28	—	22	—	75	—	2	6	Sc	1	0	105	—
		MATRÛH	1015.1	NW	5	27.4	84	0	6	1016.2	+1.4	NW	2	25.4	28	0	25	+5	84	+9	1	6	Cu	1	0	182	158
		DIKHEILA																									
		ALEXANDRIA	1013.3	NE	5	29.5	73	3	8	1015.5	+0.6	NNE	2	26.2	31	+1	24	+3	76	+7	2	8	Cu	2	0	167	191
		DAMIETTA								1013.8	—	N	2	28.0	32	—	22	—	79	—	1	8	Cs	1	0	75	116
134		PORT SAÏD	1012.4	NNW	3	30.6	54	0	7	1014.0	+1.1	NNW	3	28.8	32	+2	25	+3	73	+4	1	7	Ac	0	0	38	82
135		EL ʻARÎSH	1011.0	NNW	2	27.0	72	0	7	1012.6	—	WSW	1	29.2	31	—	23	—	69	—	0	7	—	0	0	85	91
136	LOWER EGYPT	DAMANHÛR								1015.0	+0.9	NNW	2	26.9	34	+2	21	+3	73	-7	1	7	Cu	0	0	78	110
137		MANSÛRA								1013.8	—	N	1	25.6	34	+1	22	+3	85	+9	0	8	—	0	0	45	57
		TANTA	1012.3	NW	2	33.0	50	0	7	1015.0	+0.4	NNW	1	25.5	34	+1	19	+1	88	+12	3	5	Cu	2	0	54	48
		ZAGÂZÎG	1012.4	NNW	1	33.3	47	0	8	1014.7	—	NNW	1	25.8	33	+1	21	+3	86	+7	1	8	Cs	1	0	20	28
	MIDDLE EGYPT	CAIRO ALMÂZA	1011.4	NNW	3	32.6	44	0	8	1014.6	—	N	3	24.8	33	—	19	—	79	—	3	7	Sc	2	0	23	—
		CAIRO EZBEKÎYA	1011.5	NE	2	33.3	46	0	8	1014.3	+0.5	NNW	1	25.0	35	+3	23	+4	88	+10	3	5	St	2	0	18	34
		CAIRO GÎZA	1010.7	NE	2	32.4	47	0	7	1014.4	+0.3	N	2	24.7	34	+3	21	+4	87	+6	3	6	Sc	2	0	16	31
143		HELWÂN	1010.6	N	5	33.9	27	0	6	1014.2	+0.1	N	2	24.5	34	+3	22	+3	77	+9	2	6	Sc	1	0	17	35
144		SUEZ	1011.1	N	1	34.5	34	0	7	1014.3	+1.1	NNW	4	25.5	36	+3	23	+2	82	+5	1	7	—	1	0	13	26
153	UPPER EGYPT	FAIYÛM	1010.3	NNE	4	34.4	26	0	8	1014.0	+0.1	NNE	4	25.3	36	+3	22	+3	76	+3	2	6	Cu	0	0	6	11
154		MINYA	1009.8	N	3	34.0	31	0	9	1012.7	-0.7	N	2	25.1	34	+3	21	+2	71	-3	0	7	—	0	0	16	—
155		ASYÛT	1008.8	WSW	3	36.0	25	0	8	1012.3	-0.7	NW	3	24.0	38	+6	22	+2	75	+10	0	7	—	0	0	dr.	5
156		QENA	1008.0	WSW	1	38.0	34	0	8	1010.4	-0.6	WNW	1	28.5	39	+2	23	+3	53	-1	0	7	—	0	0	dr.	—
157		LUXOR	1007.4	—	0	39.5	34	0	8	1010.0	—	NE	1	30.4	42	—	23	—	56	—	0	8	—	0	0	dr.	—
158		ASWÂN	1005.8	NW	1	42.0	20	1	8	1009.5	-1.6	N	2	30.7	44	+5	26	+3	34	-3	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1013.8	NNE	3	38.8	37	0	6	1017.9	+3.7	—	0	25.4	39	+5	20	+3	82	+20	0	6	—	0	0	29	7
149		BAHARÎYA	1011.5	NNE	5	36.1	44	0	9	1015.0	—	N	2	24.6	37	—	21	—	83	—	0	9	—	0	0	26	—
151		KHÂRGA	1007.5	N	2	37.3	23	0	9	1010.8	-1.6	N	3	29.4	38	+2	22	+2	47	-4	0	9	—	0	0	0	dr.
152		DÂKHLA	1009.5	N	3	36.9	11	0	7	1012.0	-1.3	SSW	2	29.0	38	+2	22	+2	49	+6	0	8	—	0	0	dr.	—
145	RED SEA	TÔR	1006.7	NW	4	30.0	78	0	5	1011.2	+0.1	NW	4	27.2	31	0	20	-1	83	+12	0	5	—	0	0	14	14
146		HURGHÂDA								1011.6	+0.4	NW	4	28.8	32	0	23	+1	52	-3	0	6	—	0	0	dr.	1
147		QUSEIR	1008.8	NNE	4	32.1	57	0	6	1009.1	-1.6	N	2	31.1	34	+2	26	+1	46	-2	0	6	—	0	0	1	7
169		PORT SUDAN																									
165	NORTH SUDAN	WÂDI HALFA								1008.9	-2.6	NNW	1	29.0	41	+3	26	+5	40	+6	0	7	Ac.	0	—	—	—
166		KAREIMA								1007.6	-2.2	SSE	2	34.0	45	+3	28	+3	45	+17	0	8	—	0	0	11	33
167		ʻATBARA																									
168		KHARTÛM								1008.8	-0.1	S	2	29.7	38	-2	25	0	47	0	0	8	Ci, Ac	0	0	119	148
170		KASSALA								1010.4	-0.3	S	4	25.0	36	-1	21	-2	68	+17	0	8	Ci	0	0	287	321
171	CENTRAL SUDAN	WAD MEDANI																									
173		DUEIM																									
182		RENK																									
172		ROSEIRES								1009.8	-1.4	SSW	2	23.7	33	-1	19	-1	75	-2	0	—	—	2	5	854	751
174		EL OBEID																									
175		EL FÂSHER								—	—	NE	1	27.0	39	+3	20	+1	40?	-9	0	—	—	0	0	230	317
176	S. SUDAN	MALAKÂL								1010.3	-1.2	ESE	3	25.7	33	0	21	-1	69	-10	2	8	Cs, Ac	1	0	742	855
177		WÂU								1010.7	-0.2	S	1	24.5	34	+1	22	+2	83	+1	2	—	—	0	0	958	1089
178		JÛBA																									
179		Geneina																									
180		Gallabat																									

Upper Wind Observations on ارصاد الرياح العليا يوم

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

Height	Salum 07h00 Dir.	Kms.	Matruh 07h00 Dir.	Kms.	Cairo 08h15 Dir.	Kms.	Helwan 08h30 Dir.	Kms.	Asyut 07h00 Dir.	Kms.	Aswan 07h00 Dir.	Kms.	W.Halfa 06h00 Dir.	Kms.	Kareima 06h00 Dir.	Kms.	Khartum 06h00 Dir.	Kms.	Kassala 06h00 Dir.	Kms.	Malakal 06h00 Dir.	Kms.	Abukir R.A.F. 07h00 Dir.	Kms.	Heliopolis R.A.F. 07h00 Dir.	Kms.	Ramleh R.A.F. 07h00 Dir.	Kms.	Almaza 24th 11h15 Dir.	Kms.
200	340	20	330	13	20	19	0	21	—	—	—	—	330	6	—	—	—	—	—	—	—	—	350	23	10	23	110	2	10	16
500	0	39	350	13	30	28	50	14	40	31	60	17	90	19	150	24	210	19	—	—	90	14	350	19	20	24	320	6	30	14
1000	350	39	20	24			40	38	20	16	90	23	100	26	120	2	230	21	180	37	60	13	20	16	40	24	10	10	30	28
1500	340	60	350	34			60	16	150	10	110	19	90	31	350	5	60	16	340	14	40	11					50	8	40	35
2000	340	66					50	16	170	16	120	14	90	23	90	11	70	40	20	5	30	18					130	10		
3000	Ent. Sc.						0	8			130	12	90	16	70	29	60	26			40	24					170	23		
4000							70	11																			210	32		
5000							60	12																						
6000																														

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

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day Humidity % on 24th	Diff. from normal	Wet Bulb Temp. °C on 24th	Diff. from normal
Alexandria	74	+7	24.2	+3.8
Ezbekiya	71	+6	23.1	+2.0
Gîza	73	+6	22.6	+1.7
Helwân	52	-2	21.2	+2.8

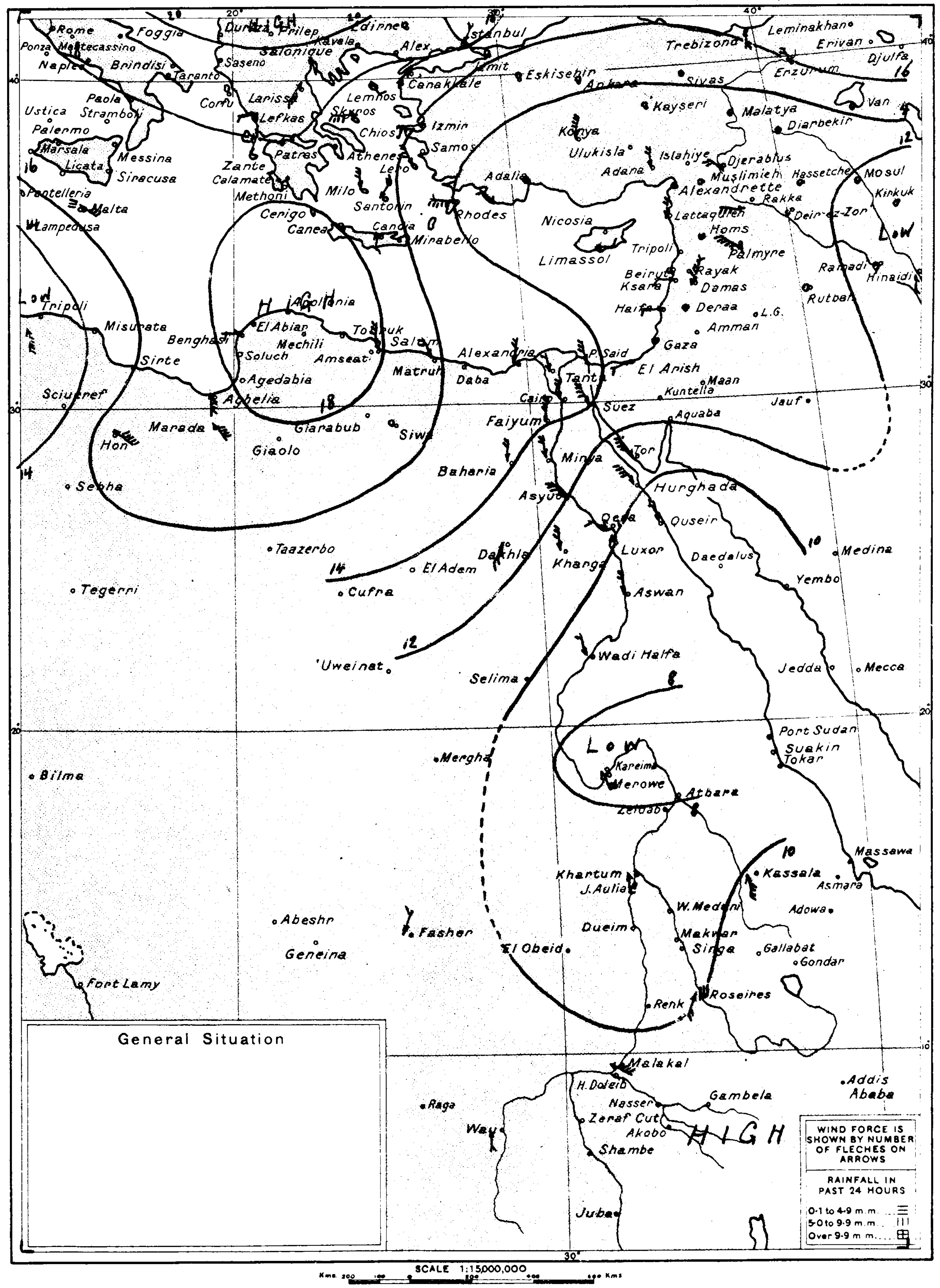
Gîza Grass minimum on 25th 20.6 °C

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

Date	1937	1936
25-9	7787	8883
24-9	7857	9032

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	25-9	13.48	-0.27	13.58	-0.18
Nâṣṣer	24-9	10.53	+0.16	10.50	+0.13
Malakâl	25-9	12.26	+0.10	12.26	+0.11
Roṣeires	25-9	17.81	-0.18	18.24	+0.18
Sennâr Res.	23-9	17.19	—	17.17	—
Khartûm *	25-9	15.51	+0.23	15.60	+0.29
Kh. el Girba	24-9	12.90	+0.08	13.15	+0.24
ʻAtbara	24-9	14.87	+0.37	14.99	+0.45
Kajnarti	25-9	141.48	+0.48	141.45	+0.38
Wâdi Halfa	25-9	7.67	+0.35	7.65	+0.30
Aswân Res.	25-9	97.00	—	97.00	—
,, D. S.	25-9	91.92	+0.14	91.98	+0.17
El Leisi	25-9	22.74	+0.15	22.84	+0.24
Rôda (Cairo)	25-9	18.64	+0.02	18.76	+0.13

Pressure and Wind at 8 h. 25-9-1937



At 8 h. on 24-9-37 الساعة ٨ يوم ٢٤-٩-٣٧

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	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	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.3	+1.2	WSW	1	29.2	32	+2	24	+4	68	+2	0	—	—	—	0	365	648	حيفا
Gaza	1011.9	+0.2	—	0	27.2	33	+4	21	+2	73	+4	0	9	—	0	0	395	376	غزة
Ship	73252	35506	28300	11985	61841	47100													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

* Khartum River Gauge reading for 6-6-37 published on 7 & 8-6-37 should read 10.85 instead of 10.48 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 05h 46m

sunset 17h 47m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month September 1937 — ١٩٣٧ شهر سبتمبر — ٢٦-٩-٣٧

Pressure and Wind at 8 h. 26-9-37

1417 F.C.

At 14 h. 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: SALŪM	1018.0	N	4	26.0	68	0	7
	MATRŪH	1015.6	N	4	27.2	80	0	6
	DIKHEILA	1014.0	NW	5	26.5	77	2	—
132	ALEXANDRIA	1014.7	NE	4	29.0	64	1	9
159	DAMIETTA							
134	PORT SAÏD	1013.5	NNW	3	31.0	63	1	7
135	EL 'ARÎSH	1013.1	NNW	3	29.0	79	0	7
136	LOWER EGYPT: DAMANHŪR							
137	MANSŪRA							
138	TANTA	1013.6	NNW	2	33.0	50	0	7
	ZAGÂZĪG	1013.3	NNE	1	32.4	53	0	8
	MIDDLE EGYPT: CAIRO: ALMÂZA	1013.6	NNW	4	33.3	46	0	8
	EZBEKĪYA	1012.6	NNE	2	33.8	48	0	8
	GĪZA	1012.6	N	3	33.1	48	0	7
143	HELWĀN	1011.8	NNW	4	33.9	33	0	6
144	SUEZ	1013.0	N	2	33.6	42	0	7
153	UPPER EGYPT: FAIYŪM	1012.2	NNE	3	35.2	30	0	7
154	MINYA	1011.4	NNW	3	34.7	36	0	8
156	ASYŪT	1010.3	WSW	3	36.8	35	0	8
156	QENA	1008.6	W	1	37.0	30	0	8
157	LUXOR	1006.3	ENE	2	41.2	44	0	8
158	ASWĀN	1005.4	—	0	44.0	18	1	8
148	WESTERN DESERT: SÎWA	1014.4	NNW	1	36.4	35	0	6
149	BAHARĪYA	1012.7	N	2	34.6	43	0	9
151	KHĀRGA	1009.1	N	2	37.2	59	0	9
152	DĀKHLA	1010.0	NNE	3	33.6	16	0	7
145	RED SEA: TŌR	1009.3	NW	4	29.8	81	0	5
146	HURGHĀDA							
147	QUSEIR	1010.2	NNE	1	32.1	65	0	6
164	PORT SUDAN							
165	NORTH SUDAN: WĀDI 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 FĀSHER							
176	S. SUDAN: MALAKĀL							
177	WĀU							
178	JŪBA							
179	Geneina							
180	Gallabat							

At 8 h. on Sunday 26th — الساعة ٨ يوم الأحد ٢٦

	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 fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN: SALŪM	1019.5	+4.1	NW	3	24.0	27	—	20	—	83	—	1	6	Cu	1	0	105	—
	MATRŪH	1016.0	+1.1	W	2	24.8	27	0	20	+1	90	+15	0	6	—	0	0	182	158
	DIKHEILA	1016.4	—	N	3	26.4	29	—	25	—	75	—	3	—	—	—	0	145	—
132	ALEXANDRIA	1017.8	+2.8	NE	3	26.0	31	+1	24	+3	73	+4	2	9	Cu	2	0	167	191
159	DAMIETTA	1015.6	—	NNW	1	28.0	31	—	20	—	70	—	2	8	Ac	1	0	75	116
134	PORT SAÏD	1015.5	+2.5	NNW	2	27.9	32	+2	24	+2	71	+2	1	7	Ac	0	0	38	82
135	EL 'ARÎSH	1015.2	—	WNW	1	29.0	31	—	24	—	71	—	2	7	Cu	0	0	85	91
136	LOWER EGYPT: DAMANHŪR	1016.7	+2.4	WNW	1	26.7	32	0	20	+2	72	-8	1	7	Ac	0	0	78	110
137	MANSŪRA	1016.0	—	NNE	1	24.9	34	+1	21	+2	83	+7	1	7	Cu	1	0	45	57
138	TANTA	1016.6	+1.9	—	0	24.5	33	0	19	+1	87	+11	4	5	Sc	2	0	54	48
	ZAGÂZĪG	1017.1	—	NNW	1	26.6	33	+1	21	+3	78	-1	2	8	Cu	1	0	20	28
	MIDDLE EGYPT: CAIRO: ALMÂZA	1016.3	—	NE	2	25.2	34	—	19	—	74	—	3	7	Sc	2	0	23	—
	EZBEKĪYA	1016.0	+2.1	NNW	1	24.6	35	+3	22	+3	85	+7	4	5	Cu	1	0	18	34
	GĪZA	1016.2	+2.0	NNW	2	24.4	34	+3	22	+5	84	+3	4	5	Sc	2	0	16	31
143	HELWĀN	1015.6	+1.4	N	3	24.1	35	+4	22	+3	76	+9	0	6	Sc	1	0	17	35
144	SUEZ	1015.4	+2.1	NW	3	25.3	35	+2	23	+2	94	+17	3	7	—	2	0	13	26
153	UPPER EGYPT: FAIYŪM	1015.8	+1.8	NNE	4	25.0	36	+3	21	+2	75	+2	0	7	—	0	0	6	11
154	MINYA	1015.1	+1.6	N	3	24.5	35	+4	23	+4	78	+4	2	8	Cu	2	0	16	—
156	ASYŪT	1014.4	+1.3	WNW	3	25.0	39	+7	22	+2	70	+5	0	7	—	0	0	dr.	5
156	QENA	1012.0	+0.9	W	3	29.0	40	+3	25	+5	58	+4	0	7	—	0	0	dr.	—
157	LUXOR	1011.9	—	NNE	1	31.0	44	—	24	—	50	—	0	8	—	1	0	dr.	—
158	ASWĀN	1011.5	+0.3	—	0	32.4	46	+7	27	+4	47	+9	1	8	Cu	2	0	1	—
148	WESTERN DESERT: SÎWA	1015.4	+1.1	—	0	30.6	37	+3	17	0	94	+32	2	6	Cu	1	0	29	7
149	BAHARĪYA	1016.8	—	N	2	33.6	36	—	20	—	86	—	3	9	Cc	2	0	26	—
151	KHĀRGA	1013.3	+0.8	N	3	36.4	40	+4	25	+5	57	+6	0	9	—	0	0	0	dr.
152	DĀKHLA	1015.1	+1.7	WSW	1	28.7	40	+4	25	+5	51	+8	0	8	—	0	0	dr.	—
145	RED SEA: TŌR	1012.5	+1.3	NW	3	27.0	30	-1	21	0	80	+9	0	5	—	0	0	14	14
146	HURGHĀDA	—	—	NNW	4	29.2	33	+1	25	+3	57	+2	0	6	—	0	0	dr.	1
147	QUSEIR	1011.6	+0.8	N	3	31.2	34	+2	26	+1	54	+6	0	6	—	0	0	1	7
164	PORT SUDAN	1010.2	+0.7	SW	1	33.5	—	—	28	+1	62	+8	0		—	0	0	43	122
165	NORTH SUDAN: WĀDI HALFA	—	—	NNE	3	29.8	43	+5	27	+6	57	+3	0	8	Ac	0	—	—	—
166	KAREIMA	1009.1	-0.7	—	0	34.6	43	+1	26	+1	44	+16	0	8	—	0	dr.	11	34
167	'ATBARA	1010.4	+1.6	E	3	34.5	41	+1	25	0	21	-4	0	—	—	0	0	82	82
168	KHARTŪM	1007.0	+0.1	WSW	1	36.6	40	0	25	0	48	+1	0	8	—	0	0	119	149
170	KASSALA	1009.1	-1.5	SSE	1	28.5	38	0	21	-2	53	+8	0	8	—	0	0	287	323
171	CENTRAL SUDAN: WAD MEDANI	1008.8	0.0	SW	1	29.4	37	-1	21	-1	59	-3	0	—	—	0	0	476	385
173	DUEIM	1009.5	-0.5	S	3	29.2	35	-2	23	+1	58	-1	0	—	—	0	0	371	294
182	RENK																		
172	ROSEIRES	1010.0	-1.0	SSW	2	27.8	35	+1	22	+2	66	-11	1		—	0	0	854	756
174	EL OBEID	1009.6	-1.8	SW	3	27.9	38	0	22	+1	57	-3	1	8	Cu,Ac	0	0	457	342
175	EL FĀSHER	—	—	SE	1	25.0	41	+5	20	+1	72	+24	0	—	—	0	0	230	318
176	S. SUDAN: MALAKĀL	1012.4	+0.9	SSE	6	24.9	34	+1	23	+1	76	-3	4	7	Fn	2	0	742	860
177	WĀU	1013.9	+3.1	SW	2	23.5	33	-1	22	+2	87	+5	4	—	—	2	11	969	1094
178	JŪBA	1014.7	+2.8	SE	5	24.1	36	+3	20	0	75	-7	4	8	Sc	2	1	877	875
179	Geneina	—	—	NE	2	21.8	33	—	19	—	82	—	4	8	Cu,Sc	1	dr.	—	-
180	Gallabat																		

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

Height above M.S.L. metres	Salum 07h.00m. Dir. E of N	Kms per hour	Mutrun 07h.00m. 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 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 05h.00m. Dir. E of N	Kms per hour	Kassala 06h.00m. Dir. E of N	Kms per hour	Obeid 06h.00m. Dir. E of N	Kms per hour	Malakal 06h.00m. Dir. E of N	Kms per hour	Juba 07h.00m. Dir. E of N	Kms per hour	Geneina 07h.00m. Dir. E of N	Kms per hour	Salum 13h.00m. Dir. E of N	Kms per hour
200	340	14	330	26	40	19	0	22	—	—	—	—	40	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	23
500	30	28	330	22	Enl.	Cu	20	18	30	25	50	20	90	31	0	11	270	34	—	—	—	—	300	13	—	—	—	—	—	—
1000	30	37	10	35			70	14	340	14	60	24	140	29	20	3	70	8	120	24	170	18	90	3	260	45	80	10	30	16
1500	10	58					60	12	200	6	50	20	110	31	250	8	50	18	90	42	80	23	230	2	280	37	190	37	10	36
2000							340	6	270	9	50	16	80	31	70	18	130	11	90	51	90	37	140	11	320	23	120	35		
3000							30	12	270	34					90	55					90	55								
4000																														
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

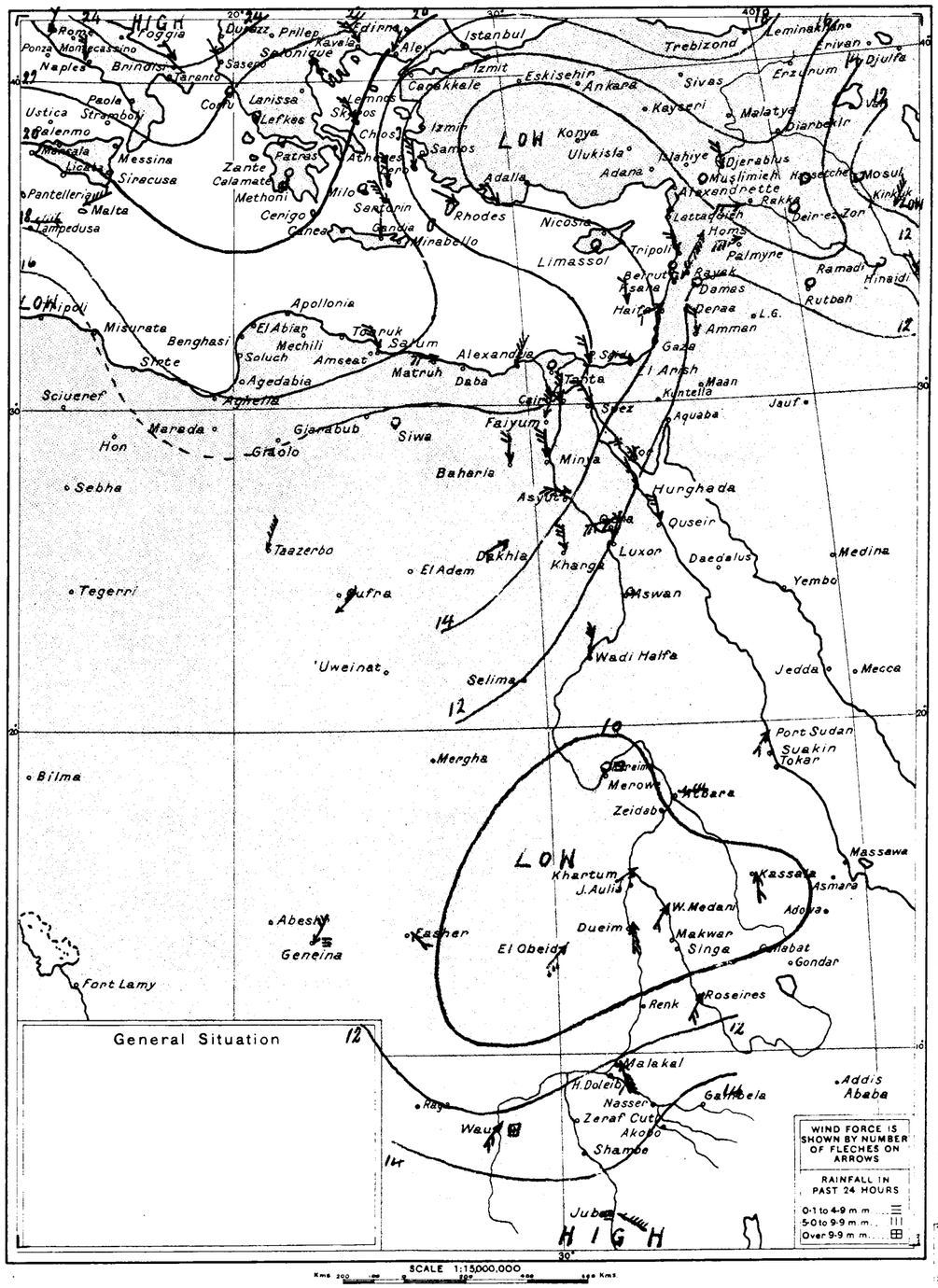
STATION	Mean of day Humidity % on 25th	Diff. from normal	Wet Bulb Temp. °C on 25th	Diff. from normal
Alexandria	74	+7	23.1	+3.4
Ezbekiya	74	+9	26.2	+3.1
Giza	76	+9	23.9	+3.0
Helwān	64	+10	22.1	+3.8

Giza Grass minimum on 26th 20.4 °C

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

DATE	1937	1936
26-9	7736	8719
25-9	7787	8883

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	26-9	13.48	-0.27	13.48	-0.27
Nāsser	25-9	10.54	+0.16	10.53	+0.16
Malakāl	26-9	12.26	+0.09	12.26	+0.10
Roseires	26-9	17.64	-0.28	17.81	-0.18
Sennār Res.	25-9	17.21	—	17.19	—
Khartūm	25-9	15.51	+0.23	15.60	+0.29
Kh. el Girba	25-9	12.70	-0.05	12.70	+0.08
'Atbara	25-9	14.90	+0.45	14.87	+0.31
Kajnarti	26-9	141.56	+0.62	141.48	+0.48
Wādi Halfa	26-9	7.74	+0.46	7.67	+0.35
Aswān Res.	26-9	97.00	—	97.00	—
D. S.	26-9	91.88	+0.14	91.92	+0.14
El Leisi	26-9	22.66	+0.09	22.74	+0.15
Rōda (Cairo)	26-9	18.55	-0.06	18.64	+0.02



STATION	At 8 h. on 25th — الساعة ٨ يوم ٢٥ 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 %	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
Lymassol	1013	0	E	2	28	—	—	—	—	—	—	0	—	—	—	0	—		ليماسول
Haifa	1013.5	+2.2	W	1	29.7	34	+4	24	+4	64	-2	—	—	—	—	0	365	648	حيفا
Gaza	1013.1	+1.3	—	0	27.0	34	+5	21	+2	77	+8	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 05 46
sunset 17 46

Month September 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-٩-٢٧

1417 F.C.

Pressure and Wind at 8 h. 27-9-1937

At 14h. on 26th ٢٦ 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	1019.4	NNE	5	28.0	63	0	8
	MATRÛH	1017.0	NW	4	27.7	78	0	6
	DIKHEILA	1016.3	NNW	3	27.4	70	2	—
132	ALEXANDRIA	1016.0	NE	2	29.7	61	2	9
159	DAMIETTA							
134	PORT SAÏD	1014.8	NNW	3	30.5	65	0	7
135	EL 'ARÎSH	1014.4	NNW	3	29.0	78	0	7
	LOWER EGYPT							
136	DAMANHÛR							
137	MANSÛRA							
138	TANTA	1014.8	NW	2	33.0	50	0	7
	ZAGÂZÎG	1015.1	NNW	1	32.8	49	0	8
	MIDDLE EGYPT							
	CAIRO ALMÂZA	1014.4	NNW	3	32.4	48	0	8
	CAIRO EZBEKÎYA	1014.0	NNW	2	32.8	48	0	8
	CAIRO GÎZA	1014.2	N	3	32.5	49	0	7
	HELWÂN	1013.3	NNW	4	33.3	35	0	7
144	SUEZ	1013.0	N	2	34.0	36	0	7
153	FAIYÛM	1013.8	NNW	3	33.4	35	0	8
154	MINYA	1013.5	NNW	2	33.5	44	0	9
155	ASYÛT	1012.7	WSW	3	34.8	41	0	8
156	QENA	1010.6	WNW	1	39.0	37	0	8
157	LUXOR	1009.8	ESE	1	41.4	45	0	8
158	ASWÂN	1007.6	NNW	1	44.5	18	2	8
	WESTERN DESERT							
148	SÎWA	1016.7	NE	2	34.4	39	0	6
149	BAHARÎYA	1014.6	NNW	2	33.3	48	0	9
151	KHÂRGA	1011.0	N	3	39.2	24	0	9
152	DÂKHLA	1013.0	NNW	2	36.8	19	0	7
	RED SEA							
145	TÛR	1010.7	NW	5	30.0	78	0	6
146	HURGHÂDA							
147	QUSEIR	1011.9	NE	3	32.6	62	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	JÛBA							
179	Genena							
180	Gallabat							

At 8h. on Monday 27th ٢٧ الاثنين 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.m.	RAINFALL Total fr. Oct. 1 to yesterday m.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.
SALÛM	1018.0	+2.5	NNW	4	24.9	30	—	21	—	71	—	0	6	—	0	0	105	—
MATRÛH	1015.8	+0.8	WNW	3	25.8	28	+1	23	+4	90	+15	0	6	—	0	0	182	158
DIKHEILA	1014.8	—	NNW	3	26	29	—	25	—	70	—	3	—	—	—	0	145	—
ALEXANDRIA	1014.3	-0.8	N	2	26.0	31	+2	24	+3	69	0	4	7	Ac	2	0	167	191
DAMIETTA	1014.2	—	SW	2	25.2	32		21		77		0	8	—	0	0	75	116
PORT SAÏD	1014.0	+1.0	SW	2	26.4	32	+2	23	+1	71	+2	2	7	Sc	1	0	38	82
EL 'ARÎSH	1013.4	—	—	0	29.0	31	—	22	—	69	—	1	7	Cu	0	0	85	91
DAMANHÛR	1014.6	+0.2	W	1	26.1	32	+1	21	+3	73	-7	3	7	Cu	1	0	78	110
MANSÛRA	1014.0	—	NW	1	24.8	34	+2	20	+1	81	+5	2	6	Cu	2	0	45	57
TANTA	1014.8	0.0	W	1	24.7	34	+1	20	+2	86	+10	4	7	Sc	2	0	54	48
ZAGÂZÎG	1014.7	—	NNW	1	26.3	33	+1	21	+4	69	-10	1	7	Sc	1	0	20	28
CAIRO ALMÂZA	1015.2	—	NNW	2	24.0	33	—	20	—	75	—	3	7	St	2	0	23	—
CAIRO EZBEKÎYA	1014.3	+0.3	WNW	1	24.8	34	+2	23	+4	76	-2	3	5	St	1	0	18	34
CAIRO GÎZA	1014.3	+0.1	N	2	24.8	34	+3	21	+4	73	-8	3	6	Sc	2	0	16	31
HELWÂN	1013.4	-0.9	NW	3	23.3	34	+3	23	+4	75	+8	2	5	Sc	2	0	17	35
SUEZ	1014.0	+0.6	NW	3	25.5	35	+2	23	+2	72	-5	1	7	—	1	0	13	26
FAIYÛM	1014.7	+0.6	N	3	25.2	35	+2	20	+2	69	-4	0	6	—	0	0	6	11
MINYA	1014.2	+0.6	NNE	2	23.6	34	+3	21	+2	84	+10	3	7	Cu	2	0	16	—
ASYÛT	1014.3	+1.1	WNW	3	24.2	35	+3	22	+2	82	+17	0	7	—	0	0	dz.	5
QENA	1012.0	+0.8	W	3	28.5	40	+3	25	+5	55	+1	0	7	—	0	0	dz.	—
LUXOR	1011.5	—	ESE	2	31.0	43		23		52		0	8	—	0	0	dz.	—
ASWÂN	1011.2	-0.1	N	1	31.9	46	+7	27	+5	39	+1	0	8	—	0	0	1	—
SÎWA	1016.7	+2.3	—	0	24.4	36	+2	19	+2	89	+27	0	6	—	0	0	29	7
BAHARÎYA	1015.8	—	N	2	23.8	35	—	21	—	80		4	7	Ac	2	0	26	—
KHÂRGA	1013.1	+0.5	N	3	27.0	40	+4	24	+4	63	+12	0	9	—	0	0	0	dz.
DÂKHLA	1014.4	+0.9	WSW	1	28.0	38	+2	25	+6	44	+1	0	8	—	0	0	dz.	—
TÛR	1011.2	-0.1	NW	3	28.0	31	0	22	+1	69	-2	0	5	—	0	0	14	14
HURGHÂDA																		
QUSEIR	1011.1	+0.1	N	2	31.7	33	+1	26	+1	51	+3	0	6	—	0	0	1	7
PORT SUDAN	1010.0	+0.3	NW	1	32.5	—	—	26	-1	72	+17	0	—	—	0	0	43	122
WÂDI HALFA	1011.3	-0.4	NNW	1	29.4	45	+7	27	+6	32	-2	0	8	Ac	0	—	—	
KAREIMA	1009.2	-0.6	NE	1	31.3	43	+1	26	+1	37	+9	2	8	Ac	0	0	11	34
'ATBARA	1010.7	+1.9	E	2	32.7	43	+3	23	-2	23	-2	1	—	—	0	0	82	82
KHARTÛM	1009.6	+0.7	SE	3	30.2	42	+2	25	0	47	+1	2	8	Ci	0	0	119	150
KASSALA	1011.0	+0.4	S	1	27.0	40	+2	23	0	69	+20	1	8	Ci	0	0	287	325
WAD MEDANI	1010.3	+0.5	SSW	2	27.3	39	+1	22	0	65	+3	1	—	—	0	0	476	388
DUEIM	1011.8	+1.8	SE	3	26.4	39	+2	22	0	66	+8	0	—	—	1	5	376	296
RENK																		
ROSEIRES	1011.1	+0.1	WNW	2	24.7	37	+3	21	+1	80	+4	2	—	—	2	5	859	761
EL OBEID	1010.7	-0.6	WSW	3	26.0	37	+1	20	-1	62	+3	3	8	Ci	0	0	457	345
EL FÂSHER	—	—	NW	2	24.0	37	+1	19	0	79	+32	0	—	—	0	4	234	319
MALAKÂL	1011.6	+0.1	SE	1	24.1	25	-8	18	-4	91	+12	0	8	Ac	1	8	750	865
WÂU	1011.4	+0.6	NE	1	25.5	31	-3	20	0	82	0	1	—	—	2	28	997	1100
JÛBA	1014.1	+2.2	NE	3	24.9	35	+2	21	+1	76	-6	4	8	Fn	2	dz.	877	878
Genena	—	—	SW	3	19.0	34	—	18	—	91	—	4	8	Fn	9	43	—	—
Gallabat																		

Upper Wind Observations on 27th ارصاد الرياح العليا يوم ٢٧

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	Cairo 08h.15m. 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	W. Halfa 06h.00m. Dir. E. of N.	Kms. per hour	Kareima 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 07h.00m. Dir. E. of N.	Kms. per hour	Malakal 06h.00m. Dir. E. of N.	Kms. per hour	Juba 07h.00m. Dir. E. of N.	Kms. per hour	Salum 26th 13h.00m. Dir. E. of N.	Kms. per hour	Almaza 26th 11h.30m. Dir. E. of N.	Kms. per hour
200	340	21	340	15	340	9	330	9	—	—	—	—	40	14	—	—	—	—	—	—	—	—	—	—	—	—	20	20	10	22
[illegible]	10	36	350	25	10	11	40	10	350	22	20	32	70	18	140	21	—	0	—	—	—	—	—	0	—	—	350	32	10	17
[illegible]	30	24	Ext.	Cu	320	3	60	3	330	26	70	6	100	16	140	21	—	0	220	27	230	19	200	10	110	11	0	24	80	11
[illegible]	0	51			300	13	290	15	320	14	110	12	90	24	120	27	230	3	190	19	110	8	310	5	110	11	0	48	50	6
[illegible]	0	60			230	20	220	19	330	16	70	12	80	27	90	39	40	5	170	8			130	6					330	4
3000							290	9			10	18	60	24	70	50	50	5	230	13									0	7
4000											340	20																		
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

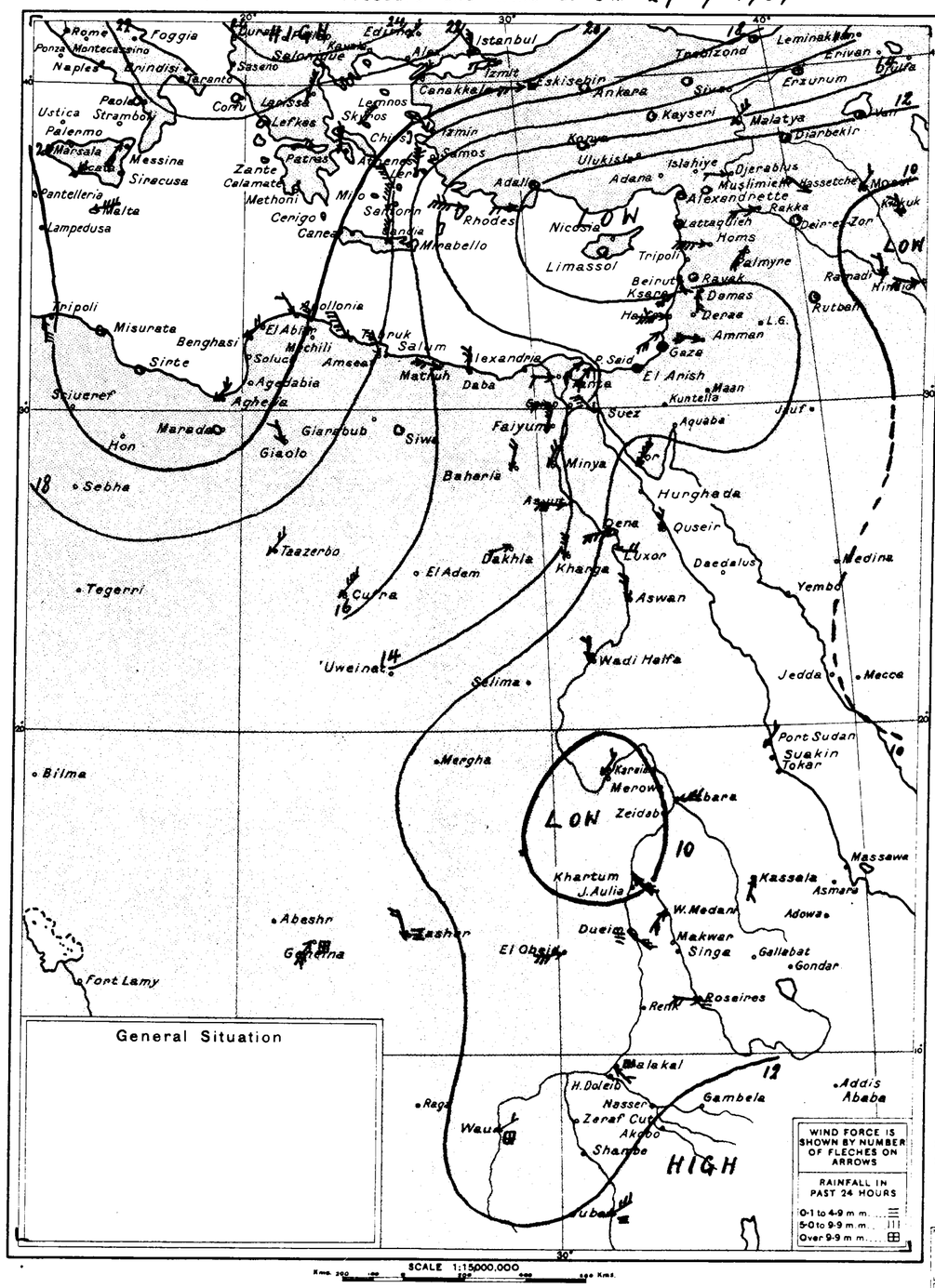
STATION	Mean of day HUMIDITY % on 26th	Diff. from normal	WET BULB TEMP. °C on 26th	Diff. from normal
Alexandria	72	+4	23.1	+2.9
Ezbekiya	70	+5	23.7	+2.7
Gîza	72	+5	23.2	+2.4
Helwân	58	+4	21.6	+3.3

Gîza Grass minimum on 27th 19.3°C

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

DATE	1937	1936
27.9	77.91	85.54
26.9	77.36	87.19

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27-9	13.48	-0.27	13.48	-0.27
Nâsser	26-9	10.54	+0.15	10.54	+0.16
Malakâl	27-9	12.29	+0.11	12.26	+0.09
Roseires	27-9	17.32	-0.51	17.64	-0.28
Sennâr Res.	26-9	17.20	—	17.21	—
Khartûm	26-9	15.40	+0.17	15.51	+0.23
Kh. el Girba	26-9	12.80	+0.12	12.70	-0.05
'Atbara	26-9	14.81	+0.41	14.90	+0.45
Kajnarti	27-9	141.71	+0.83	141.56	+0.62
Wâdi Halfa	27-9	7.83	+0.59	7.74	+0.46
Aswân Res.	27-9	97.00	—	97.00	—
" D.S.	27-9	91.96	+0.26	91.88	+0.14
El Leisi	27-9	22.65	+0.10	22.66	+0.09
Rôda (Cairo)	27-9	18.55	-0.05	18.55	-0.06



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.	مصر
Limassol	1015.1	+2	—	0	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.1	+3.7	WSW	1	29.9	31	+1	25	+5	70	+4	2	—	—	—	0	365	648	حيفا
Gaza	1013.9	+1.9	—	0	27.8	33	+4	23	+4	71	+2	0	9	—	0	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

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

CAIRO

Time of sunrise h. m. 05 46

sunset h. m. 17 44

Month September 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٢٨-٩-٣٧

		STATION	At 14h. on 27th (٢٧ 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 Tuesday 28th (الساعة ٨ يوم الثلاثاء ٢٨) 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	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	1017.4	N	5	27.3	56	0	8	1014.8	-0.8	NNE	5	24.2	30	—	19	—	57	—	1	6	Cu	1	0	105	—
		MATRÛH	1014.7	NW	4	27.8	80	0	6	1011.6	-3.5	NNW	5	25.8	28	+1	25	+6	79	+4	3	6	Cu	2	0	182	158
		DIKHEILA	1013.5	NW	4	26.7	69	2	—	1009.8	—	NW	3	26	29	—	25	—	69	—	3	—	—	—	0	145	—
		ALEXANDRIA	1013.0	NNW	4	29.0	63	3	9	1009.1	-6.1	N	5	—	30	+1	24	+3	71	+2	4	7	Ac	2	0	167	191
159		DAMIETTA								1008.6	—	SW	3	25.8	32	—	22	—	73	—	0	8	Cs	2	0	75	116
134		PORT SAÏD	1012.3	NNW	3	29.9	62	0	7	1009.0	-4.1	SW	3	26.2	31	+1	23	+1	73	+4	2	7	Cu	1	0	38	82
135		EL 'ARÎSH	1011.8	NNW	2	29.0	74	0	7	1008.7	—	WSW	2	27.7	30	—	22	—	61	—	0	7	—	0	0	85	91
136	LOWER EGYPT	DAMANHÛR								1009.6	-4.9	WNW	2	27.0	31	0	21	+4	68	-12	0	7	—	1	0	78	110
137		MANSÛRA								1008.7	—	SW	2	25.6	33	+1	22	+3	75	-1	0	8	—	0	0	45	57
138		TANTA	1014.0	W	3	32.2	54	2	7	1009.5	-5.5	W	2	25.0	33	0	20	+2	80	+4	0	8	—	0	0	54	48
139		ZAGÂZÎG	1012.8	NNW	1	31.4	56	0	8	1009.5	—	NNW	1	26.8	33	+1	20	+3	72	-7	1	8	Cu	1	0	20	28
	MIDDLE EGYPT	CAIRO ALMÂZA	1012.0	W	3	31.8	41	0	8	1010.7	—	W	2	25.0	32	—	21	—	67	—	3	7	Sc	2	0	23	—
		CAIRO EZBEKÎYA	1011.8	N	1	32.7	48	0	8	1009.9	-4.3	NW	1	25.7	34	+2	24	+5	75	-3	4	5	Sc	1	0	18	34
		CAIRO GÎZA	1011.9	NW	1	33.1	44	0	8	1009.8	-4.5	W	2	25.8	33	+2	21	+4	74	-7	2	6	Sc	2	0	16	31
		HELWÂN	1011.6	NW	3	31.3	31	0	7	1009.9	-4.5	W	1	25.0	33	+2	21	+2	68	+1	4	6	Sc	2	0	17	35
144		SUEZ	1011.1	N	2	33.0	36	0	6	1010.6	-2.9	WNW	1	27.0	34	+1	22	+1	63	-14	2	6	—	1	0	13	26
153	UPPER EGYPT	FAIYÛM	1012.2	N	2	32.7	42	0	8	1010.7	-3.5	NNW	3	25.8	35	+3	20	+2	70	-3	2	6	Cu	1	0	6	11
154		MINYA	1012.0	NNW	2	31.9	40	0	8	1010.6	-3.2	N	2	24.5	32	+1	21	+2	78	+4	0	7	Cu	1	0	16	—
155		ASYÛT	1011.6	WSW	3	32.6	39	0	8	1010.8	-2.5	NNW	3	23.5	34	+2	23	+3	79	+14	2	6	Cu	1	0	dr.	5
156		QENA	1009.4	W	3	37.0	35	0	8	1009.4	-1.9	W	1	28.0	38	+1	24	+4	54	0	0	7	—	0	0	dr.	—
157		LUXOR	1009.0	SSE	1	41.4	34	0	8	1009.3	—	NNE	3	29.8	42	—	23	—	50	—	0	8	—	1	0	dr.	—
158		ASWÂN	1007.2	—	0	42.9	20	1	8	1008.4	-3.0	N	1	30.0	45	+6	27	+5	37	-1	0	8	—	0	0	1	—
148	WESTERN DESERT	SÎWA	1019.8	NNW	2	34.8	54	0	6	1013.8	-0.7	—	0	24.1	36	+2	20	+3	67	+5	0	6	—	0	0	29	7
149		BAHARÎYA	1013.0	N	2	32.8	52	0	9	1012.7	—	N	1	24.0	34	—	19	—	78	—	0	9	—	0	0	26	—
151		KHÂRGA	1010.7	N	1	39.6	22	0	9	1010.6	-2.1	N	2	27.7	40	+4	23	+3	60	+8	0	9	—	0	0	0	dr.
152		DÂKHLA	1012.2	NNW	3	34.5	27	0	8	1011.8	-1.8	WNW	1	26.3	36	+1	22	+3	47	+4	0	8	—	0	0	dr.	—
145	RED SEA	TÔR	1008.7	NW	4	30.0	65	0	6	1007.9	-3.5	NW	1	29.5	34	+4	21	0	56	-15	0	5	—	0	0	14	14
146		HURGHÂDA								1009.0	-2.5	NNW	3	28.0	33	+1	23	+1	70	+15	0	5	—	0	0	dr.	1
147		QUSEIR	1009.4	N	2	32.1	61	0	6	1008.3	-2.8	N	2	31.3	34	+2	26	+1	43	-5	0	6	—	0	0	1	7
169		PORT SUDAN								1007.0	-2.8	NW	1	33.7	—	—	25	-2	47	-8	0	—	—	0	0	43	122
165	NORTH SUDAN	WÂDI HALFA								1009.3	-2.5	N	4	29.3	45	+7	27	+6	31	-3	0	8	—	0	—	—	—
166		KAREIMA								1007.5	-2.4	WSW	1	31.1	42	0	26	+1	42	+14	0	8	—	0	0	11	34
167		'ATBARA								1008.0	-0.9	SSE	3	31.3	42	+2	23	-2	38	+13	0	—	—	0	0	82	82
168		KHARTÛM								1007.2	-1.7	SSE	2	30.9	42	+2	25	0	48	+2	0	8	—	0	0	119	150
170		KASSALA								1007.9	-2.6	S	3	28.2	37	-1	23	0	70	+21	0	8	—	0	0	287	327
171	CENTRAL SUDAN	WAD MEDANI								1007.9	-1.8	W	2	28.8	37	-1	22	0	61	0	0	—	—	0	0	476	390
173		DUEIM																									
182		RENK																									
172		ROSEIRES								1008.0	-3.0	W	2	28.3	35	+1	22	+2	89	+13	0	—	—	0	0	859	766
174		EL OBEID								1008.3	-3.0	SW	3	28.0	38	+2	23	+2	63	+4	0	8	Ac	0	0	457	348
175		EL FÂSHER								—	—	NW	1	27.0	39	+3	20	+1	66	+19	0	—	—	0	0	234	319
176	S. SUDAN	MALAKÂL								1008.3	-3.1	WSW	1	27.6	32	-1	22	0	70	-9	0	8	—	1	0	750	870
177		WÂU								1008.6	-2.2	SW	1	26.4	34	0	22	+2	79	-3	1	—	—	2	4	1001	1105
178		JÛBA								1011.1	-0.8	S	3	26.3	36	+3	21	+1	76	-5	2	7	Cu,Sc	1	0	877	882
179 180		Geneina Gallabat								—	—	E	2	19.5	31	—	17	—	91	—	0	8	—	0	0	—	—

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.	Cairo 08h.00m. Dir.	Kms.	Helwan 09h.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.	El Obeid 06h.00m. Dir.	Kms.	Malakal 06h.00m. Dir.	Kms.	Juba 07h.00m. Dir.	Kms.	Salum 27th 13h.00m. Dir.	Kms.	Almaza 27th 11h.15m. Dir.	Kms.
200	340	23	330	57	300	13	320	17	—	—	—	—	0	24	—	—	—	—	—	—	—	—	—	—	—	—	20	23	300	12
500	340	43	330	48	310	20	310	26	340	23	0	31	10	47	180	10	220	16	—	—	—	—	260	8	—	—	10	42	310	11
1000	350	38	330	63	Ent. Sc		310	28	Ent. Cld.		290	6	20	37	200	18	300	2	210	13	230	19	290	8	110	6	10	38	210	3
1500	350	24					270	23			220	11	60	24	190	16	50	14	10	13	150	6	270	3					270	5
2000							270	23			250	13	130	31	140	5	70	3			70	14	50	10					230	25
3000							Ent. Cu				250	18			100	23							80	31					250	17
4000																													270	7
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day: Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	70	+2	22.8	+2.6
Ezbekiya	67	+2	23.2	+2.3
Gîza	69	+2	22.8	+2.1
Helwân	58	+4	20.5	+2.3

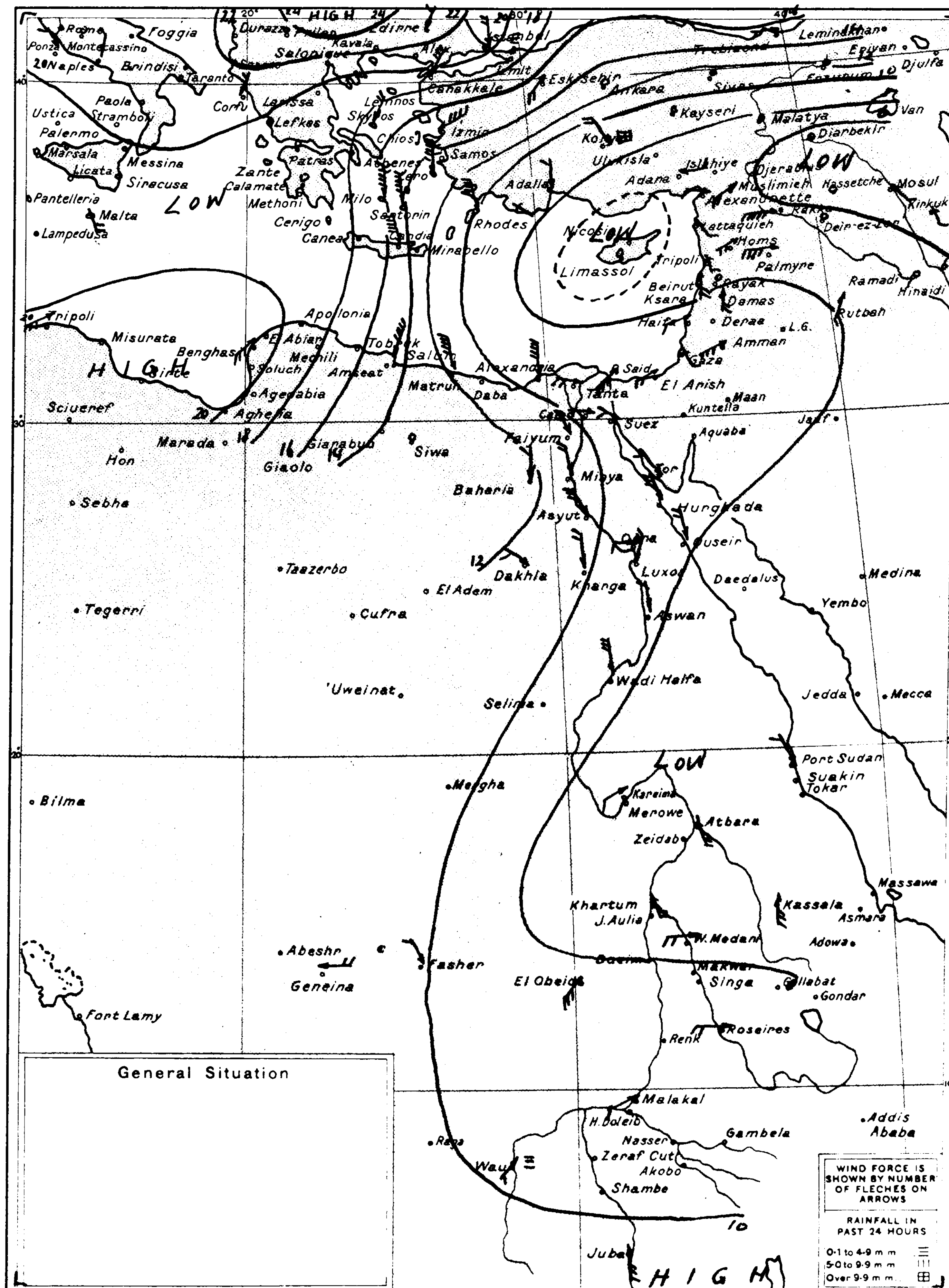
Gîza Grass minimum on 28th 18.2 °c

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

DATE	1937	1936
28-9	7988	8389
27-9	7791	8554

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28-9	13.51	-0.23	13.48	-0.27
Nâsser	27-9	10.57	+0.17	10.54	+0.15
Malakâl	28-9	12.30	+0.12	12.29	+0.11
Roseires	28-9	17.03	-0.72	17.32	-0.51
Sennâr Res.	27-9	17.21	—	17.20	—
Khartûm	27-9	15.30	+0.10	15.40	+0.17
Kh. el Girba	27-9	12.60	-0.02	12.80	+0.12
'Atbara	28-9	14.56	+0.27	14.68	+0.33
Kajnarti	28-9	141.73	+0.89	141.71	+0.83
Wâdi Halfa	28-9	7.87	+0.68	7.83	+0.59
Aswân Res.	28-9	97.00	—	97.00	—
D. S.	28-9	92.05	+0.38	91.96	+0.26
El Leisi	28-9	22.55	+0.03	22.65	+0.10
Rôda (Cairo)	28-9	18.51	-0.06	18.55	-0.05

Pressure and Wind at 8h. 28·9·1937



General Situation

SCALE 1:15,000,000

Kms 200 100 0 200 400 600 Kms

At 8h on 27th (الساعة ٨ يوم ٢٧) 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
Limassol	1012	-1	—	0	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.8	+1.3	WNW	2	28.9	33	+3	24	+4	69	+3	2	—	—	—	0	365	648	حيفا
Gaza	1013.6	+1.5	—	0	25.6	34	+5	21	+2	79	+10	3	5	—	0	0	395	376	غزه
Hurghada	1011.8	+0.4	NNW	4	29.2	33	+1	22	0	61	+6	0	6	—	0	0	dr.	1	غردقه

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 h. 47 m.
sunset 17 h. 43 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٣٧-٩-٢٩

Month *September* 1937 ١٩٣٧ شهر سبتمبر

At 14h. on 28th — الساعة ١٤ يوم ٢٨ | At 8h. on Wednesday 29th — الساعة ٨ يوم الاربعاء ٢٩

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.
	MEDITERRANEAN																									
	SALÛM	1013.4	NNE	6	25.9	52	7	3	1013.8	-1.9	NW	2	21.2	27	—	16	—	71	—	2	5	Sc.	1	0	105	—
	MATRÛH	1011.0	NNW	5	26.2	85	3	6	1011.4	-3.8	NNW	3	25.2	26	-1	24	+5	74	-1	2	6	Cu	2	0	182	158
	DIKHEILA	1008.6	NW	4	27.7	69	2	—	1010.0	—	NNW	4	25.0	28	—	24	—	74	—	2	7	Cu	2	0	145	—
132	ALEXANDRIA	1008.2	NNW	6	28.2	65	3	8	1010.0	-5.3	NW	2	25.1	30	+1	24	+3	69	0	3	8	Cu	2	0	167	191
159	DAMIETTA								1009.3	—	SW	2	24.9	32	—	20	—	78	—	2	8	Cu	1	0	75	116
134	PORT SAÏD	1007.2	SW	3	30.5	53	0	7	1009.3	-3.9	SW	2	27.0	32	+3	24	+2	77	+8	1	7	Cu	1	0	38	82
135	EL 'ARÎSH	1007.2	NNW	3	29.3	63	0	7	1008.7	—	WSW	1	28.0	31	—	22	—	65	—	0	7	—	0	0	85	91
	LOWER EGYPT																									
136	DAMANHÛR								1010.0	-4.6	WSW	2	26.1	31	0	21	+4	71	-9	1	8	Cu	1	0	78	110
137	MANSÛRA								1008.8	—	NNE	2	25.2	32	0	21	+3	78	+2	1	7	Cu	1	0	45	57
138	TANTA	1008.7	NW	2	31.6	52	0	7	1009.9	-5.2	—	0	23.8	32	0	20	+2	87	+11	4	7	Cu	2	0	54	48
139	ZAGÂZÎG	1007.8	NNW	2	31.3	51	0	8	1010.2	—	NNW	1	26.8	32	0	20	+3	78	-1	0	8	Cu	1	0	20	28
	MIDDLE EGYPT																									
	CAIRO: ALMÂZA	1008.2	NW	3	31.6	38	0	8	1010.4	—	WNW	3	24.6	32	—	20	—	75	—	3	7	Sc	2	0	23	—
	CAIRO: EZBEKÎYA	1007.0	NNW	1	33.0	44	0	8	1010.0	-4.3	W	1	24.2	34	+2	22	+3	84	+6	3	5	Sc.	1	0	18	34
	CAIRO: GÎZA	1006.8	WNW	2	33.0	39	0	7	1010.0	-4.4	NW	1	24.1	34	+3	20	+3	82	+1	3	6	Sc.	1	0	16	31
	HELWÂN	1007.0	NW	4	31.4	36	0	7	1010.0	-4.5	NNW	2	23.4	32	+1	22	+3	81	+14	6	4	Cu	1	0	17	35
144	SUEZ	1007.0	S	1	32.0	44	0	7	1010.2	-3.4	N	1	25.5	33	0	23	+2	75	-2	2	7	—	1	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1008.0	NNW	3	31.9	43	0	6	1010.7	-3.5	N	2	25.0	34	+2	21	+3	77	+4	1	6	Cu	0	0	6	11
154	MINYA	1008.4	N	3	31.6	41	0	8	1010.4	-3.5	N	1	24.8	32	+1	21	+2	73	-1	2	8	Ac.	1	0	16	—
165	ASYÛT	1008.4	NW	3	30.6	45	0	8	1010.6	-2.8	NNW	3	24.0	32	0	23	+3	81	+16	0	6	—	0	0	dr.	5
156	QENA	1007.2	W	2	34.0	47	0	8	1009.5	-2.0	WNW	1	27.5	35	-2	23	+3	54	0	0	7	—	0	0	dr.	—
157	LUXOR	1006.8	W	3	36.4	34	0	8	1009.3	—	—	0	29.0	38	—	22	—	57	—	0	8	—	0	0	dr.	—
158	ASWÂN	1004.8	N	2	39.0	24	0	8	1009.0	-2.5	N	2	29.2	40	+1	26	+4	45	+7	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1011.6	NW	1	32.0	68	0	6	1014.6	0.0	—	0	22.5	32	-2	18	+1	92	+30	0	6	—	0	0	29	7
149	BAHARÎYA	1009.8	WNW	3	30.5	32	0	9	1011.8	—	N	1	23.5	32	—	20	—	80	—	1	9	—	1	0	26	—
151	KHÂRGA	1007.8	N	2	34.4	33	0	9																		
152	DÂKHLA	1009.1	NNW	3	33.5	24	0	7	1011.5	-2.2	WSW	1	25.2	34	-1	20	+1	36	-7	0	8	—	0	0	dr.	—
	RED SEA																									
145	TÔR	1005.6	NW	4	30.2	65	0	5	1006.8	-4.8	NW	1	29.8	32	+2	21	0	60	-11	0	5	—	0	0	14	14
146	HURGHÂDA								1009.3	-2.4	NNW	3	29.1	32	0	21	0	58	+3	0	5	—	0	0	dr.	1
147	QUSEIR	1007.6	NE	3	31.7	59	0	6	1008.2	-3.0	N	1	32.9	34	+2	24	-1	61	+13	0	6	—	0	0	1	7
169	PORT SUDAN								1006.7	-3.2	NE	1	33.0	—	—	25	-2	63	+7	0	—	—	0	0	43	122
	NORTH SUDAN																									
165	WÂDI HALFA								1009.1	-2.7	N	4	28.3	41	+3	25	+4	38	+4	0	8	—	0	—	—	—
166	KAREIMA								1005.7	-4.2	NNE	1	30.7	45	+3	27	+2	27	1	1	8	Ci	0	0	11	34
167	'ATBARA								1006.6	-2.3	SSE	2	33.3	42	+2	24	-1	30	+5	0	—	—	0	0	82	83
168	KHARTÛM								1007.2	-1.7	S	4	31.2	42	+2	26	+1	48	+3	4	8	Cs.	0	0	119	151
170	KASSALA								1006.8	-3.7	SE	4	29.8	40	+2	25	+2	59	+11	0	8	—	0	0	287	329
	CENTRAL SUDAN																									
171	WAD MEDANI								1006.4	-3.3	SSW	3	29.1	39	+1	22	0	62	+2	0	—	—	0	0	476	392
173	DUEIM								1007.0	-2.9	SE	3	30.4	39	+1	24	+2	54	-3	0	—	—	0	0	376	299
	RENK																									
172	ROSEIRES								1007.2	-3.7	WSW	2	27.6	37	+3	21	+1	66	-10	0	—	—	0	0	859	771
174	EL OBEID								1007.1	-4.2	SW	3	28.8	38	+2	22	+1	58	-1	4	8	Cs.	1	0	457	350
175	EL FÂSHER								—	—	N	1	25.5	41	+5	20	+1	65	+19	0	—	—	0	0	234	320
	S. SUDAN																									
176	MALAKÂL								1008.2	-3.2	SW	2	26.2	34	+1	25	+3	92	+13	4	8	Sc.	2	0	750	875
177	WÂU								1008.8	-2.0	SW	2	24.0	35	+1	21	+1	85	+4	3	—	—	2	1	1002	1110
178	JÛBA																									
179	Geneina								—	—	NE	3	20.1	33	—	18	—	91	—	2	8	Ci	0	0	—	—
180	Gallabat																									

Upper Wind Observations on 29th — ارصاد الرياح العليا يوم ٢٩

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 08h.00m. Dir.	Cairo Kms.	Helwan 09h.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 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.	Salum 13h.00m. Dir.	Salum Kms.	Almaza 11h.15m. Dir.	Almaza Kms.
200	300	16	350	22	—	—	300	11	330	13	—	—	—	—	20	21	—	—	—	—	—	—	—	—	—	—	20	35	270	34
500	0	18	350	23	320	23	330	17	320	20	0	20	0	27	40	40	50	35	220	31	—	—	—	—	260	11	350	50	300	29
1000	0	23	0	26	340	18			310	12	320	24	10	13	30	32	60	23	160	8	220	18	230	26	280	8	330	17	300	32
1500	10	36			350	22			270	20	310	20	160	9	340	13	330	2	100	10	210	14	190	13	350	5	0	18	290	24
2000	10	31							Entered						310	16	80	10	90	27	200	10	90	18	20	8			Entered	
3000	Entered								en								70	13			60	10			110	14			en	
4000	Sc.																80	11			30	18			80	19				
5000																									90	24				
6000																														

Forecast for 24 hours from noon on....

تغيرات الطقس المنتظرة فى ٢٤ ساعة مرظهر

STATION	Mean of day Humidity % on 28th	Diff. from normal	Wet Bulb Temp. °C on 28th	Diff. from normal
Alexandria	72	+4	22.6	+2.4
Ezbekiya	66	+1	23.0	+2.2
Gîza	71	+4	22.4	+1.8
Helwân	58	+4	21.0	+2.9

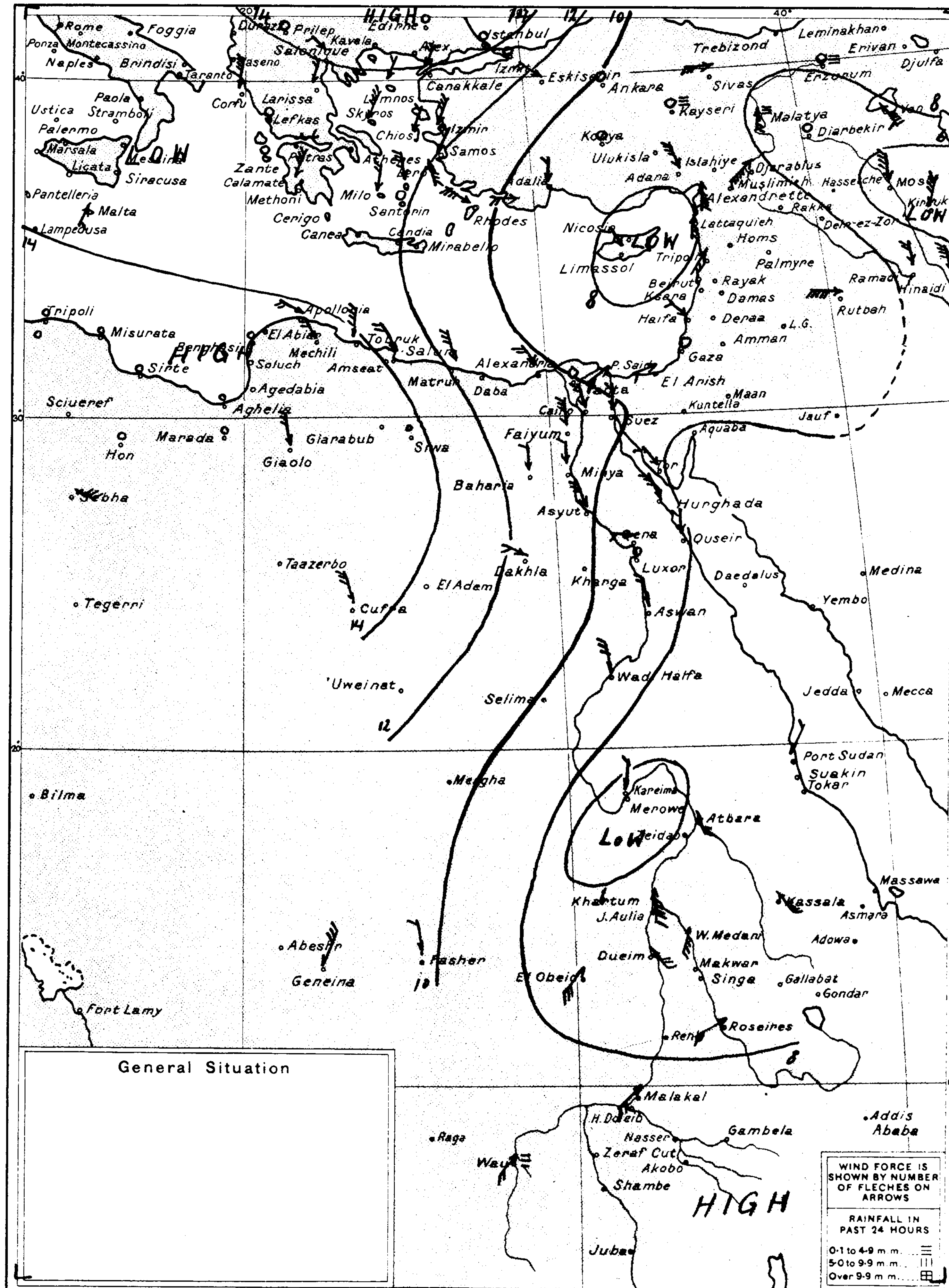
Gîza Grass minimum on 29th 17.8 °C

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

DATE	1937	1936
29.9	7966	8271
28.9	7988	8389

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28.9	13.51	+0.23	13.48	+0.27
Nâṣṣer	28.9	10.58	+0.17	10.57	+0.17
Malakâl	29.9	12.31	+0.12	12.30	+0.12
Roṣeires	29.9	16.82	-0.85	17.03	-0.72
Sennâr Res.	28.9	17.20	—	17.21	—
Khartûm	29.9	15.06	-0.06	15.28	+0.11
Kh. el Girba	28.9	12.40	-0.15	12.60	-0.02
'Atbara	29.9	14.46	+0.21	14.56	+0.27
Kajnarti	29.9	141.72	+0.97	141.73	+0.89
Wâdi Halfa	29.9	7.87	+0.73	7.87	+0.68
Aswân Res.	29.9	97.00	—	97.00	—
,, D. S.	29.9	92.11	+0.49	92.05	+0.38
El Leisi	29.9	22.45	-0.02	22.55	+0.03
Rôda (Cairo)	29.9	18.43	-0.13	18.51	-0.06

Pressure and Wind at 8h. 29-9-37



General Situation

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.

At 8h. on 28th — الساعة ٨ يوم ٢٨

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
Limassol	1007	-6	—	0	26	—	—	—	—	—	—	6	—	—	—	—			لماسول
Haifa	1008.4	-3.3	WSW	1	28.4	31	+1	22	+2	69	+3	3	—	—	—	0	365	648	حيفا
Gaza	1009.5	-2.7	SE	1	25.1	34	+5	20	+1	82	+13	1	5	—	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

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CAIRO
Time of sunrise 05h 47m
sunset 17h 42m

Month *September* 1937 ١٩٣٧ شهر سبتمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14h. on 29th الساعة ١٤ يوم ٢٩ — At 8h. on Thursday 30th الساعة ٨ يوم الخميس ٣٠

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.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
	SALÛM	1013.1	NE	2	25.6	62	0	7	1015.2	-0.5	WNW	2	21.6	26	—	17	—	80	—	2	6	Sc.	1	0	105	—
	MATRÛH	1011.5	NNW	3	26.9	56	0	6	1014.0	-1.3	WSW	1	23.8	27	0	19	0	63	-12	0	6	—	0	0	182	158
	DIKHEILA								1014.7	—	SSW	2	25.4	28	—	20	—	55	—	0	7	Cu	2	0	145	—
132	ALEXANDRIA	1009.9	N	4	28.5	61	1	9	1014.2	-1.1	—	0	24.5	30	+1	22	+1	60	-9	1	9	Cu	2	0	167	191
159	DAMIETTA								1013.8	—	SW	1	26.0	31	—	20	—	73	—	0	7	—	0	0	75	116
134	PORT SAÏD	1009.1	NNW	3	30.3	55	0	7	1013.6	+0.3	NW	2	26.6	32	+3	22	0	68	-1	0	7	—	1	0	38	82
135	EL 'ARÎSH	1009.1	NNW	2	29.0	67	0	7	1014.0	—	—	0	30.7	32	—	22	—	62	—	0	7	—	0	0	85	91
	LOWER EGYPT																									
136	DAMANHÛR								1014.6	-0.1	SW	2	25.8	31	0	20	+3	65	-16	1	7	Cu	1	0	78	110
137	MANSÛRA								1013.6	—	E	1	23.8	32	0	20	+2	79	+3	0	8	—	0	0	45	57
138	TANTA	1009.1	NW	2	32.0	52	0	8	1014.3	-0.9	—	0	24.0	33	+1	18	0	83	+7	0	8	—	0	0	54	48
	ZAGÂZIG	1009.3	NNW	1	31.8	49	1	8	1014.7	—	WNW	1	26.9	32	0	20	+3	73	-6	0	8	Cu	1	0	20	28
	MIDDLE EGYPT — CAIRO																									
	ALMÂZA	1008.2	WNW	3	31.7	39	2	8	1014.6	—	ENE	2	25.0	32	—	18	—	72	—	0	7	—	1	0	23	—
	EZBEKÎYA	1009.0	N	1	31.8	46	1	8	1014.0	-0.3	—	0	24.2	33	+2	21	+2	82	+4	0	5	—	1	0	18	34
	GÎZA	1009.1	NNE	2	31.7	48	2	8	1014.2	-0.3	N	1	24.4	32	+2	19	+2	77	-4	0	5	—	1	0	16	31
143	HELWÂN	1008.8	WNW	4	29.9	39	0	7	1014.0	-0.6	N	2	24.2	31	0	20	+1	76	+9	0	6	—	0	0	17	35
144	SUEZ	1009.6	S	2	30.1	63	0	6	1013.9	+0.2	NW	2	26.2	33	0	22	+1	73	-4	0	7	—	0	0	13	26
	UPPER EGYPT																									
153	FAIYÛM	1009.1	NNW	2	31.9	45	1	8	1014.2	-0.1	NNE	2	26.3	34	+2	21	+3	69	-4	0	7	—	0	0	6	11
154	MINYA	1009.6	N	2	30.8	43	0	9	1013.6	-0.4	NNE	2	24.2	31	0	21	+2	72	-2	0	7	—	0	0	16	—
155	ASYÛT	1009.4	WSW	3	30.6	40	0	8	1013.4	-0.1	WNW	2	25.3	33	+1	22	+2	68	+3	0	6	—	0	0	dr.	5
156	QENA	1008.0	W	1	34.0	40	0	8	1012.2	+0.6	W	2	28.0	36	-1	23	+3	53	-2	0	7	—	0	0	dr	—
157	LUXOR	1007.6	ENE	3	36.3	44	0	8	1011.4		ESE	1	28.3	37	—	21	—	60	—	0	8	—	0	0	dr.	—
158	ASWÂN	1005.6	N	3	38.0	27	0	8	1011.1	-0.5	N	2	28.8	39	0	26	+4	49	+11	0	8	—	0	0	1	—
	WESTERN DESERT																									
148	SÎWA	1011.5	NW	1	29.8	66	0	8	1013.6	-1.1	—	0	23.0	32	-2	17	0	89	+27	0	6	—	0	0	29	7
149	BAHARÎYA	1010.4	N	1	29.0	38	1	9	1014.7	—	NE	1	25.0	31	—	18	—	66	—	0	9	—	0	0	26	—
151	KHÂRGA	1008.3	N	2	34.3	32	0	9	1013.0	+0.1	N	1	26.0	35	0	20	0	53	+1	0	9	—	0	0	0	dr.
152	DÂKHLA	1009.3	NNW	2	32.2	27	0	7	1013.8	0.0	NNW	2	25.1	33	-2	21	+2	40	-3	0	8	—	0	0	dr.	—
	RED SEA																									
145	TÔR	1007.4	NW	3	31.6	66	0	5	1011.6	-0.1	NW	3	27.5	33	+3	20	0	82	+12	0	5	—	0	0	14	14
146	HURGHÂDA																									
147	QUSEIR	1008.6	NNE	2	32.1	64	0	6	1011.0	-0.3	N	2	31.4	33	+1	25	0	43	-5	0	6	—	0	0	1	7
169	PORT SUDAN								1009.3	-0.7	NW	1	31.5	—	—	27	0	73	+16	1	—	—	0	0	43	122
	NORTH SUDAN																									
165	WÂDI HALFA								1011.2	-0.7	N	4	28.6	40	+2	25	+4	36	+2	0	7	—	0	—	—	—
166	KAREIMA								1007.3	-2.6	ENE	3	31.6	44	+2	27	+2	28	0	3	8	Cs	0	0	11	34
167	'ATBARA								1008.0	-1.0	S	2	32.8	42	+2	25	0	27	+2	0	—	—	0	0	82	83
168	KHARTÛM								1008.0	-0.9	SE	4	31.0	42	+2	27	+2	53	+8	2	8	Ci	1	0	119	151
170	KASSALA								1009.0	-1.4	S	5	28.3	40	+2	25	+2	63	+15	0	8	—	0	0	287	331
	CENTRAL SUDAN																									
171	WAD MEDANI								1008.4	-1.3	SW	2	28.8	39	+1	23	+1	61	+1	1	—	—	0	dr	476	394
173	DUEIM								—	—	SE	3	29.2	39	+1	24	+2	64	+7	0	—	—	0	0	376	301
	RENK																									
172	ROSEIRES								1009.1	-1.8	WNW	2	26.7	37	+3	21	+1	64	-11	0	—	—	0	0	859	776
174	EL OBEID								1009.5	-1.7	SSW	3	26.2	37	+1	22	+1	69	+11	4	8	Cs.	1	0	457	353
175	EL FÂSHER								—	—	SW	3	24.5	40	+4	21	+2	80	+35	1	—	—	0	0	234	321
	S. SUDAN																									
176	MALAKÂL								1010.8	-0.5	SSW	3	23.8	33	0	22	0	83	+4	4	8	Ac.	1	15	765	880
177	WÂU								1011.0	+0.2	W	2	24.2	34	0	21	+1	79	-2	3	—	—	2	33	1035	1116
178	JÛBA								1013.1	+1.3	S	1	23.7	34	+1	21	+1	83	+2	4	8	Sc	2	18	897	889
179	Geneina								—	—	NE	2	19.9	35	—	18	—	91	—	4	8	Sc	1	0	—	—
180	Gallabat																									

Upper Wind Observations on 30th ارصاد الرياح العليا يوم ٣٠ (29th)

Height metres above M.S.L. — Dir. E. of N. / Kms per hour

Height	Salum 07h00m Dir.	Kms	Matruh 07h00m Dir.	Kms	Dikheila 07h00m Dir.	Kms	Cairo 08h00m Dir.	Kms	Helwan 8h15m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	W. Halfa 07h00m Dir.	Kms	Kareima 05h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Salum 13h00m Dir.	Kms	Almaza 11h30m Dir.	Kms
200	300	9	270	8	240	7	50	5	330	7	—	—	—	—	20	24	—	—	—	—	—	—	—	—	—	—	20	13	310	15
500	—	—	350	5	280	6	20	8	0	17	0	26	10	42	30	45	50	40	210	21	—	—	—	—	270	16	330	8	300	20
1000	0	14	50	7	100	7	280	4	320	9	350	26	20	26	30	27	80	21	230	10	210	40	220	34	210	21	300	19	290	12
1500	350	25	350	22	260	6	290	7	300	2	330	19	130	8	90	27	80	18	250	8	180	10	200	13	170	21			280	14
2000	350	21	330	23			240	19	200	10			150	19	140	39	110	13	300	8	70	10	110	8	150	16			Ent	Cu.
3000	350	42	320	14					200	18			160	23			90	19	310	11			60	31	110	21				
4000													210	24			100	11							50	27				
5000																														
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

Station	Mean of day: Humidity % on 29th	Diff. from normal	Wet bulb temp. °C on 29th	Diff. from normal
Alexandria	68	0	21.8	+1.7
Ezbekiya	70	+5	22.7	+1.9
Gîza	72	+5	22.4	+1.8
Helwân	42	-12	20.7	+2.6

Gîza Grass minimum on 30th 16.1 °C

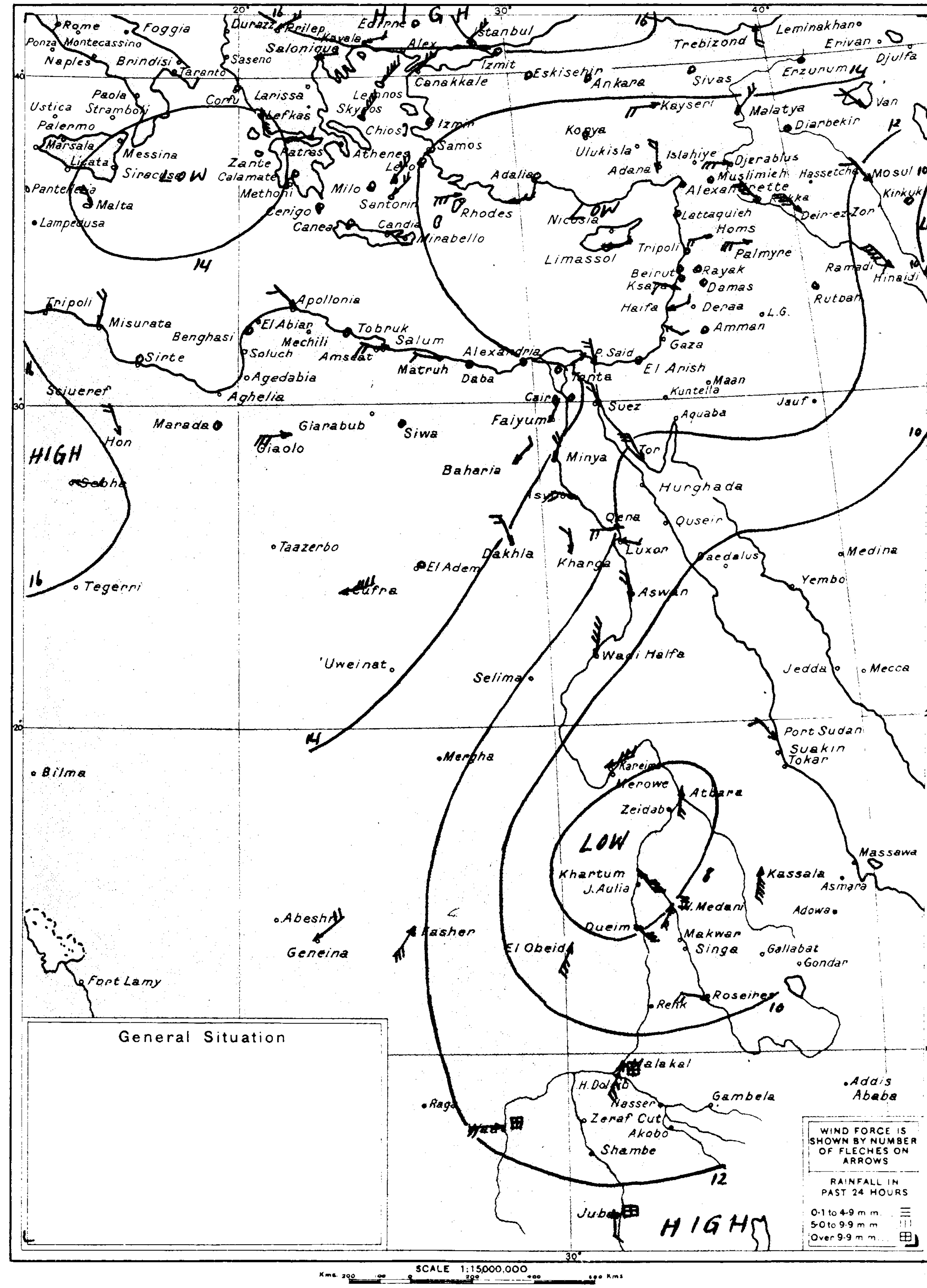
Discharges at Aswân measured by sluices m^3 per sec.

Date	1937	1936
30.9	7988	8120
29.9	7966	8271

Gauge	Date 1937	Reading m.	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30.9	13.54	-0.20	13.52	-0.22
Nâsser	29.9	10.58	+0.17	10.58	+0.17
Malakâl	30.9	12.32	+0.12	12.31	+0.12
Roseires	30.9	16.60	-0.98	16.82	-0.85
Sennâr Res.	29.9	17.20	—	17.20	—
Khartûm	29.9	15.06	+0.06	15.28	+0.11
Kh. el Girba	29.9	12.40	-0.08	12.40	-0.15
'Atbara	30.9	14.35	+0.15	14.46	+0.21
Kajnarti	30.9	141.59	+0.90	141.72	+0.97
Wâdi Halfa	30.9	7.84	+0.74	7.87	+0.73
Aswân Res.	30.9	97.00	—	97.00	—
,, D. S.	30.9	92.14	+0.57	92.11	+0.49
El Leisi	30.9	22.43	-0.02	22.45	-0.02
Rôda (Cairo)	30.9	18.39	-0.14	18.43	-0.13

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

٣٧-٩-٣٠ Pressure and Wind at 8h. 30-9-37



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 29th الساعة ٨ يوم ٢٩

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	1008	-6	NW	1	27	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1009.4	-2.4	WNW	1	28.5	32	+2	23	+4	64	-2	3	—	—	—	0	365	648	حيفا
Gaza	1009.4	-2.9	—	0	25.8	33	+4	20	+2	68	-1	2	5	—	1	0	395	376	غزه
Kharga	1010.0	-2.8	N	2	26.4	35	-1	20	0	57	+5	0	9	—	0	0	0	dr.	خارجة

Remarks

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

CAIRO

Time of sunrise $^{h}05\ ^{m}48$

sunset $^{h}17\ ^{m}41$

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month **October** 1937 ١٩٣٧ شهر اكتوبر

١٩٣٧-١٠-١ Pressure and Wind at 8 h. 1-10-1937

1417 F.C.

At 14h. on 30-9-37 الساعة ١٤ يوم ٣٠-٩-٣٧

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRAN							
	SALÛM	1015.6	NE	2	25.6	66	0	8
	MATRÛH	1014.3	NNE	3	26.1	59	0	6
	DIKHEILA	1014.7	NW	3	26.8	54	0	8
132	ALEXANDRIA	1014.0	NNW	4	28.7	51	0	9
159	DAMIETTA							
134	PORT SAÏD	1013.4	NNE	3	30.2	57	0	7
135	EL 'ARÎSH	1013.3	NNE	5	29.0	72	0	7
	LOWER EGYPT							
136	DAMANHÛR							
137	MANSÛRA							
	TANTA	1013.4	NW	2	31.5	43	0	7
	ZAGÂZÎG	1013.8	NW	1	30.9	45	0	8
	MIDDLE EGYPT CAIRO ALMÂZA	1012.7	NNW	3	31.8	39	0	8
	EZBEKÎYA	1012.8	NW	1	32.0	37	0	8
	GÎZA	1013.0	NNW	1	31.3	39	0	8
143	HELWÂN	1012.3	NW	3	31.0	31	0	6
144	SUEZ	1012.4	N	1	33.5	28	0	7
153	UPPER EGYPT FAIYÛM	1013.0	WSW	1	33.5	35	0	6
154	MINYA	1012.7	NNW	2	32.5	36	0	8
155	ASYÛT	1012.0	WSW	3	32.8	35	0	8
156	QENA	1010.4	WSW	1	35.0	37	0	8
157	LUXOR	1010.0	ENE	2	37.6	38	0	8
158	ASWÂN	1008.4	N	3	38.9	22	0	8
148	WESTERN DESERT SÎWA	1013.3	—	0	33.0	62	0	6
149	BAHARÎYA	1013.0	NNW	1	32.7	32	0	9
151	KHÂRGA	1010.8	N	2	35.0	34	0	9
152	DÂKHLA	1012.2	NNE	1	33.2	25	0	7
145	RED SEA TÛR	1010.4	NW	4	30.0	77	0	5
146	HURGHÂDA							
147	QUSEIR	1011.1	NE	2	31.8	53	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							
182	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	S. SUDAN MALAKÂL							
177	WÂU	✓						
178	JUBA							
179	Geneina							
180	Gallabat							

At 8h. on Friday 1st الساعة ٨ يوم الجمعة أول

	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.
	MEDITERRAN																		
	SALÛM	1017.4	+1.6	S	2	23.1	28	—	19	—	64	—	0	6	—	0	0	105	—
	MATRÛH	1016.3	+1.0	SSW	1	22.4	26	-1	19	0	77	+3	1	6	Cu	1	0	182	158
	DIKHEILA	1016.0	—	SW	1	24.5	28	—	19	—	65	—	2	7	Cu	2	0	145	—
132	ALEXANDRIA	1016.0	+0.6	—	0	24.9	30	+1	23	+2	71	+2	2	9	Cu	2	0	167	191
159	DAMIETTA	1015.5	—	NNE	1	28.0	31	—	20	—	53	—	0	8	—	0	0	75	116
134	PORT SAÏD	1015.2	+1.8	NNW	2	28.9	32	+3	24	+2	55	-14	1	7	Cu	1	0	38	82
135	EL 'ARÎSH	1015.2	—	SSE	1	29.4	32	—	20	—	64	—	0	7	—	0	0	85	91
	LOWER EGYPT																		
136	DAMANHÛR	1016.3	+1.5	WNW	1	25.9	32	+1	18	+1	69	-12	1	7	Cu	1	0	78	110
137	MANSÛRA	1015.0	—	NNE	1	25.4	32	0	21	+3	68	-8	0	8	—	0	0	45	57
	TANTA	1016.0	+0.7	—	0	25.0	33	+1	18	0	76	0	0	7	—	0	0	54	48
	ZAGÂZÎG	1016.0	—	NE	1	27.4	31	-1	20	+3	66	-13	0	8	—	1	0	20	28
	MIDDLE EGYPT CAIRO ALMÂZA	1015.4	—	E	3	26.0	32	—	18	—	65	—	0	8	—	0	0	23	—
	EZBEKÎYA	1015.1	+0.7	N	1	24.0	33	+2	20	+2	75	-3	0	6	—	0	0	18	34
	GÎZA	1015.4	+0.8	NNW	1	23.6	33	+3	17	0	80	-1	0	5	—	0	0	16	31
143	HELWÂN	1014.8	0.0	NE	3	26.1	32	+1	21	+2	57	-10	0	6	—	0	0	17	35
144	SUEZ	1014.8	+0.9	NW	2	26.3	34	+2	24	+3	64	-13	0	7	—	0	0	13	26
153	UPPER EGYPT FAIYÛM	1015.5	+1.1	—	0	26.7	35	+3	18	0	62	-11	0	6	—	0	0	6	11
154	MINYA	1015.2	+1.1	NNW	2	23.4	33	+2	18	-1	67	-7	0	8	—	0	0	16	—
155	ASYÛT	1015.0	+1.5	WSW	3	25.6	33	+1	20	0	60	-6	0	7	—	0	0	dr	5
156	QENA	1012.6	+0.8	WSW	2	28.0	36	0	23	+3	51	-4	0	7	—	0	0	dr	—
157	LUXOR	1012.3	—	ESE	1	28.9	38	—	21	—	60	—	0	8	—	0	0	dr	—
158	ASWÂN	1012.3	+0.7	N	3	29.0	39	+1	28	+4	46	+8	0	8	—	0	0	1	—
148	WESTERN DESERT SÎWA	1017.1	+2.3	—	0	24.8	35	+1	17	0	81	+19	0	6	—	0	0	29	7
149	BAHARÎYA	1016.0	—	N	1	23.2	33	—	16	—	64	—	0	9	—	0	0	26	—
151	KHÂRGA	1013.5	+0.5	N	1	25.0	35	0	19	-1	54	+2	0	9	—	0	0	0	dr
152	DÂKHLA	1015.0	+1.1	WNW	1	25.0	35	0	20	+1	40	-4	0	8	—	0	0	dr	—
145	RED SEA TÛR	1013.1	+1.3	NW	3	27.1	31	+1	20	0	60	-10	0	5	—	0	0	14	14
146	HURGHÂDA	1013.5	+1.6	NNW	4	28.4	32	0	22	+1	61	+6	0	5	—	0	0	dr	1
147	QUSEIR	1011.2	-0.2	NNE	1	31.1	34	+2	26	+1	69	+21	0	6	—	0	0	1	7
169	PORT SUDAN	1009.5	-0.7	SW	1	33.2	—	—	27	+2	60	+3	1	—	—	0	0	43	122
165	NORTH SUDAN WÂDI HALFA	1012.0	0.0	N	4	28.8	39	+1	25	+4	30	-5	0	8	—	0	—	—	—
166	KAREIMA	1008.5	-1.5	NE	2	31.7	43	+2	25	+1	19	-9	3	8	Cu, Cs	1	0	11	34
167	'ATBARA																		
168	KHARTÛM	1010.0	+1.1	SSE	2	30.7	40	0	25	0	48	+4	2	8	Ci	0	0	119	152
170	KASSALA	1009.3	-1.0	S	2	28.9	39	+1	23	0	64	+17	0	8	Ac	0	0	287	333
171	CENTRAL SUDAN WAD MEDANI	1010.3	+0.6	E	1	26.3	38	0	19	-3	73	+14	0	—	—	0	18	494	396
173	DUEIM	1010.0	+0.2	SE	3	26.8	37	-1	23	+1	75	+19	0	—	—	1	22	398	301
182	RENK																		
172	ROSEIRES	1009.4	-1.4	WNW	2	27.3	36	+1	20	0	66	-9	0	—	—	0	dr	859	781
174	EL OBEID	1009.5	-1.7	SW	3	26.4	36	0	22	+1	69	+12	4	8	Sc, Cs	1	0	457	356
175	EL FÂSHER	—	—	N	1	25.0	35	-1	19	0	72	+28	0	—	—	0	0	234	322
176	S. SUDAN MALAKÂL	1010.0	-1.3	ESE	2	28.1	31	-2	23	+1	77	-1	2	8	Sc	1	0	765	885
177	WÂU	1010.3	-0.4	NW	1	25.8	31	-3	22	+2	74	-7	1	—	—	0	0	1035	1121
178	JUBA	1012.7	+0.9	SSE	4	24.6	34	+1	22	+2	84	+3	4	8	Sc	5	dr	897	893
179	Geneina	—	—	SE	2	22.2	31	—	20	—	91	—	2	8	Ac	1	0	—	—
180	Gallabat																		

Upper Wind Observations on 1st ارصاد الرياح العليا يوم أول

Height metres above M.S.L.	Dikheila 06h. 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 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	Juba 07h. 00m. Dir. E of N.	Kms. per hour	Geneina 07h. 00m. Dir. E of N.	Kms. per hour	Salum 30th 13h. 00m. Dir. E of N.	Kms. per hour	Almaza 30th 11h. 15m. 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	160	9	10	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	70	4	330	11								
500	120	5	30	40	60	19	210	13	—	—	—	—	280	8	—	—	—	—	160	3	330	9								
1000	10	17	40	31	100	21	230	24	180	21	230	23	0	5	110	8	0	6	290	20	230	10								
1500	330	20	100	34	100	21	30	8	210	10	180	6	80	6	90	6	0	21	330	14										
2000	0	14	110	29	100	27	60	27	30	10	110	14	60	11			0	35	330	20										
3000	280	18	100	24	90	32			30	37	70	35	90	11			0	43												
4000					80	21							100	29																
5000																														
6000																														

Forecast for 24 hours from noon

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 30-9	Diff. from normal	Wet Bulb Temp. °C on 30-9	Diff. from normal
Alexandria	63	-5	20.5	+0.5
Ezbekîya	65	0	21.3	+0.6
Gîza	63	-4	20.9	+0.4
Helwân	53	-1	19.7	+1.7

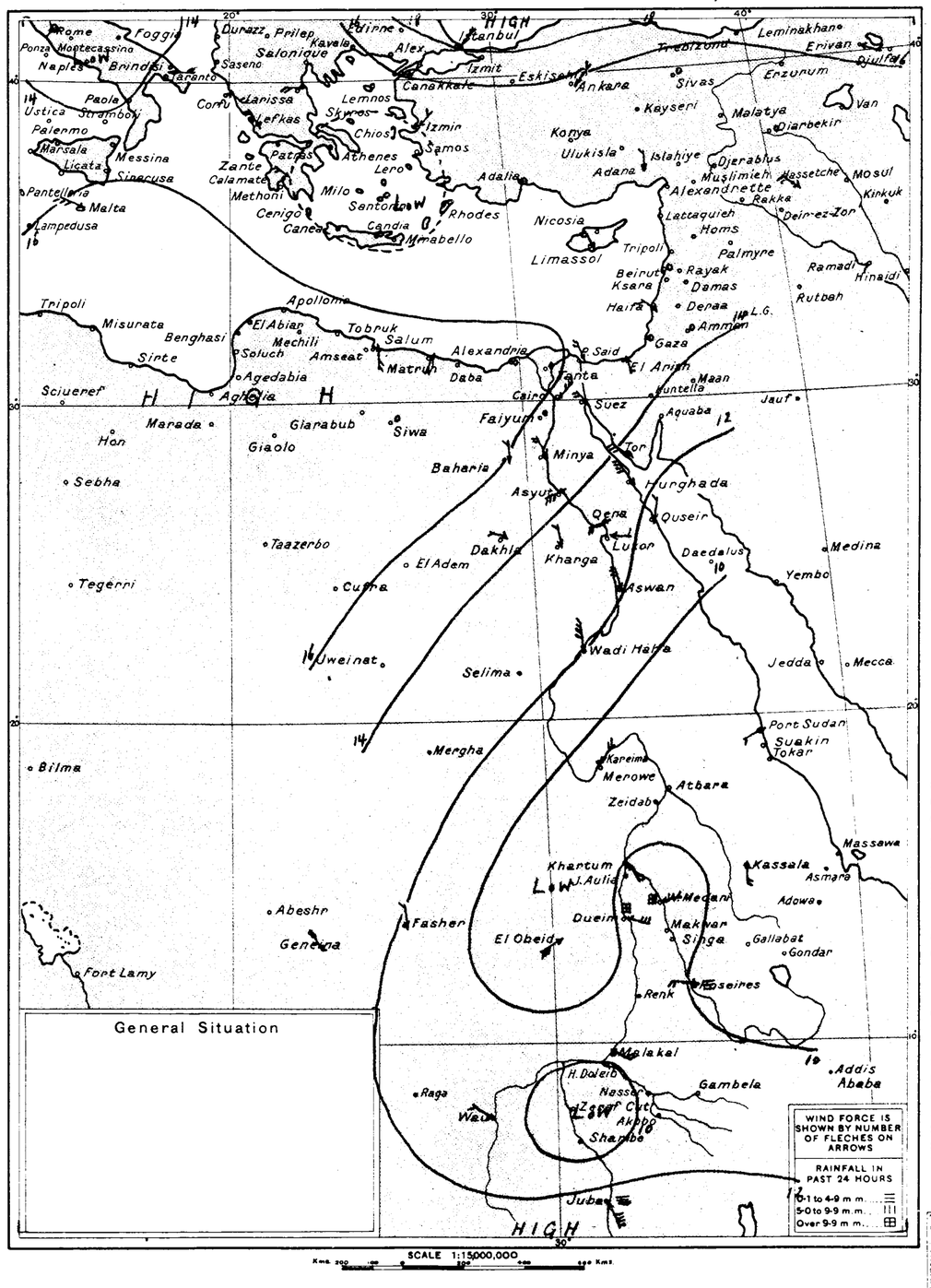
Gîza Grass minimum on 1st 13.7°C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
1-10	8055	7857
30-9	7988	8120

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1-10	13.55	-0.19	13.54	-0.20
Nâsser	1-10	10.59	+0.15	10.58	+0.16
Malakâl	1-10	12.32	+0.12	12.32	+0.12
Roseires	1-10	16.50	-0.99	16.60	-0.98
Sennâr Res.	1-10	17.25	—	17.20	—
Khartûm	1-10	14.76	-0.25	14.92	-0.15
Kh. el Girba	1-10	12.20	-0.17	12.30	-0.13
'Atbara	1-10	14.19	+0.04	14.35	+0.15
Kajnarti	1-10	141.45	+0.83	141.59	+0.90
Wâdi Halfa	1-10	7.72	+0.67	7.84	+0.74
Aswân Res.	1-10	97.00	—	97.00	—
" D.S.	1-10	92.09	+0.54	92.14	+0.57
El Leisi	1-10	22.43	0.00	22.43	-0.02
Rôda (Cairo)	1-10	18.40	-0.10	18.39	-0.11

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



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.	مرصد
At 8 h. on 30-9-1937 الساعة ٨ يوم ٣٠-٩-١٩٣٧																			
Hurghada	1011.9	+0.1	NNW	3	28.5	32	0	22	+1	64	+9	0	6	—	0	0	dr	1	الغردقة
Lemassol	1013	-1	E	1	27	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.9	+2.0	ENE	1	27.7	32	+2	21	+2	58	-8	0	—	—	—	0	365	648	حيفا
Gaza	1013.3	+0.8	NW	1	26.1	34	+5	19	+1	69	+1	0	9	—	0	0	395	376	غزة

Remarks

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

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

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

CAIRO

Time of sunrise h. m. 05 49

sunset h. m. 05 40

Month *October* 1937 ١٩٣٧ شهر اكتوبر

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

DAILY WEATHER REPORT ٢-١٠-٣٧

At 14h. on 1st (الساعة ١٤ يوم ١) — At 8h. on Saturday 2nd (الساعة ٨ يوم السبت ٢)

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.
[illegible]	MEDITERRANEAN: SALÛM	1015.4	NE	2	29.2	54	0	8	1015.6	-0.3	NNW	3	23.2	32	—	19	—	84	—	0	6	—	0	0	0	—
[illegible]	MATRÛH	1015.2	NE	2	26.9	69	0	6	1014.4	-1.0	S	3	24.3	27	0	21	+2	74	0	0	6	—	0	0	0	1
[illegible]	DIKHEILA	1015.6	N	3	26	—	0	8	1015.6	—	SSE	1	25	29	—	18	—	—	—	0	7	Cu	0	0	0	—
132	ALEXANDRIA	1015.4	NNW	4	28.2	58	0	9	1015.6	+0.1	—	0	26.8	30	+1	21	0	66	-3	0	8	—	0	0	0	0
159	DAMIETTA								1014.7	—	SE	1	27.6	31	—	21	—	65	—	0	8	—	0	0	0	0
134	PORT SAÏD	1014.3	NNW	2	29.7	49	0	7	1014.8	+1.4	NNE	2	27.8	32	+3	23	+1	56	-13	0	7	—	0	0	0	0
135	EL 'ARÎSH								1014.4	—	—	0	28.0	30	—	21	—	63	—	1	7	Cu	0	0	0	tr. X
136	LOWER EGYPT: DAMANHÛR								1015.6	+0.7	WNW	1	24.7	32	+1	19	+2	73	-9	0	6	—	0	0	0	0
137	MANSÛRA								1014.8	—	NNE	1	25.0	32	0	21	+3	74	-2	0	8	—	0	0	0	0
[illegible]	TANTA	1014.2	NNE	2	31.6	45	0	8	1015.2	-0.2	—	0	23.4	32	0	17	-1	80	+3	0	8	—	0	0	0	0
[illegible]	ZAGÂZÎG	1013.9	NNW	1	30.9	45	0	8	1015.1	—	ESE	1	26.4	32	+1	18	+1	71	-8	0	8	—	0	0	0	0
	MIDDLE EGYPT: CAIRO ALMÂZA	1014.3	NNW	3	31.8	38	0	8	1015.1	—	NE	2	25.0	33	—	17	—	68	—	0	7	—	0	0	0	—
	CAIRO EZBEKÎYA	1013.1	NNW	2	32.2	42	0	8	1014.7	+0.2	NNE	2	23.4	33	+2	20	+2	76	-2	0	6	—	0	0	0	0
	CAIRO GÎZA	1013.5	NNW	2	31.2	38	0	7	1014.7	0.0	N	1	23.3	32	+2	18	+1	77	-4	0	5	—	0	0	0	0
143	HELWÂN	1012.4	N	5	31.0	34	0	6	1014.3	-0.5	ENE	4	25.0	33	+2	20	+1	66	-1	0	6	—	0	0	0	0
144	SUEZ	1013.0	N	2	33.0	37	0	7	1014.7	+0.7	N	2	23.6	34	+2	22	+1	73	-4	0	7	—	0	0	0	0
153	UPPER EGYPT: FAIYÛM	1013.4	NW	2	32.0	32	0	8	1014.7	+0.3	NNE	1	25.0	35	+3	18	0	62	-11	0	6	—	0	0	0	0
154	MINYA	1013.5	N	2	32.4	31	0	8	1014.6	+0.4	NNW	1	23.6	33	+2	20	+1	70	-5	0	7	—	0	0	0	—
155	ASYÛT	1012.8	WSW	3	32.8	30	0	8	1014.7	+1.1	WSW	3	23.8	33	+1	19	-1	61	-5	0	6	—	0	0	0	0
156	QENA	1010.8	WNW	1	37.8	35	0	8	1012.3	+0.4	W	2	27.5	39	+3	23	+3	49	-6	0	7	—	0	0	0	—
157	LUXOR	1010.2	E	2	38.0	42	0	8	1011.5	—	ESE	1	27.9	39	—	21	—	54	—	0	8	—	0	0	0	—
158	ASWÂN	1008.4	N	2	40.6	21	0	8	1010.8	-0.9	N	2	28.9	42	+4	26	+4	38	0	0	8	—	0	0	0	
148	WESTERN DESERT: SÎWA	1014.3	W	1	—	—	0	6	1015.2	+0.3	—	0	25.9	37	+3	18	+1	77	+15	0	6	—	0	0	0	0
149	BAHARÎYA	1014.3	NW	2	32.1	26	0	9	1015.5	—	N	1	22.6	33	—	17	—	80	—	0	9	—	0	0	0	—
151	KHÂRGA	1011.9	NNW	2	35.8	41	0	9	1014.3	+1.2	N	1	24.2	36	+1	19	-1	71	+19	0	9	—	0	0	0	dr
152	DÂKHLA	1013.4	NNE	3	33.8	24	0	7	1014.6	+0.6	NW	2	25.5	35	0	20	+1	41	-3	0	8	—	0	0	0	—
145	RED SEA: TÔR	1010.4	NW	5	30.9	73	0	6	1011.5	-0.5	NW	5	27.0	32	+2	21	+1	90	+20	0	6	—	0	0	0	0
146	HURGHÂDA								1012.4	+0.4	NNW	3	28.7	33	+1	25	+4	68	+13	0	5	—	0	0	0	0
147	QUSEIR	1011.2	N	2	32.2	64	0	6	1010.8	-0.8	NE	2	30.4	34	+2	26	+1	59	+11	0	6	—	0	0	0	0
169	PORT SUDAN								1008.4	-1.9	NW	1	32.1	—	—	27	+2	57	-1	1	—	—	0	0	0	0
165	NORTH SUDAN: WÂDI HALFA								1010.9	-1.2	N	3	28.2	41	+3	25	+4	33	-2	0	8	—	0	—	—	—
166	KAREIMA								1007.7	-2.3	ENE	2	32.1	42	+1	27	+3	28	0	0	8	—	0	0	0	0
167	'ATBARA								1007.4	-1.7	E	2	34.0	41	+1	24	-1	28	+3	0	—	—	0	0	0	0
168	KHARTÛM								1006.6	-2.3	SSW	3	31.9	40	0	27	+2	38	-5	1	8	Cs	0	0	0	0
170	KASSALA								1007.6	-2.7	S	1	29.0	39	+1	23	0	58	+11	0	8	—	0	0	0	0
171	CENTRAL SUDAN: WAD MEDANI								1007.2	-2.5	NW	1	29.0	36	-2	22	0	57	-2	0	—	—	0	0	0	0
173	DUEIM								1007.5	-2.3	SW	2	29.8	39	+1	23	+1	65	-1	0	—	—	0	0	0	0
	RENK									—					—		—		—							
172	ROSEIRES								1008.2	-2.6	WSW	2	25.6	37	+2	22	+2	77	+2	4	—	—	2	0	0	1
174	EL OBEID																									
175	EL FÂSHER								—	—	NE	1	27.0	40	+4	22	+3	63	+19	0	—	—	0	0	0	0
176	S. SUDAN: MALAKÂL								1008.6	-2.7	SW	2	28.2	34	+1	24	+2	70	-8	2	8	Ac&Cu	1	0	0	3
177	WÂU																									
178	JÛBA								1011.6	-0.2	SSE	4	25.4	35	+2	21	+1	84	+3	3	8	St&Sc	0	dr	dr	3
179	Geneina								—	—	E	1	20.6	33	—	19	—	65	—	0	7	—	0	0	—	—
180	Gallabat																									

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 per hour	Dikheila 07h 00m Dir.	Kms per hour	Cairo 08h 00m Dir.	Kms per hour	Helwan 08h 15m 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	Almaza 1st 11h 00m Dir.	Kms per hour
200	320	13	200	26	160	16	70	19	80	27	—	—	—	—	10	24	20	10
500	10	6	220	18	20	2	60	23	60	16	0	33	20	43	20	47	30	17
1000	240	13	230	22			20	43	0	45	350	30	20	35	40	31	80	13
1500	260	30	250	26			10	39	10	47	0	30	50	8	60	19	100	15
2000	260	48					340	21	340	18	350	15	170	7	70	23	260	13
3000									270	21							240	22
4000									230	36								
5000																		
6000																		

Forecast for 24 hours from noon on 2nd

On the coast moderate variable winds chiefly northwesterly.

Inland moderate northeasterly winds, becoming northwesterly later.

Mainly clear.

Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٢

رياح معتدلة مختلفة الاتجاه يغلب شمالية غربية على الساحل

ورياح معتدلة شمالية شرقية تتحول الى شمالية غربية فيما بعد فى الداخل

السماء صحو فى الغالب ودرجة الحرارة كما هى تقريبا

Station	Mean of day Humidity % on 1st	Diff. from normal	Wet bulb temp. °C on 1st	Diff. from normal
Alexandria	69	+1	21.6	+1.6
Ezbekiya	64	-1	21.7	+1.1
Giza	63	-4	21.0	+0.6
Helwân	46	-8	20.1	+2.1

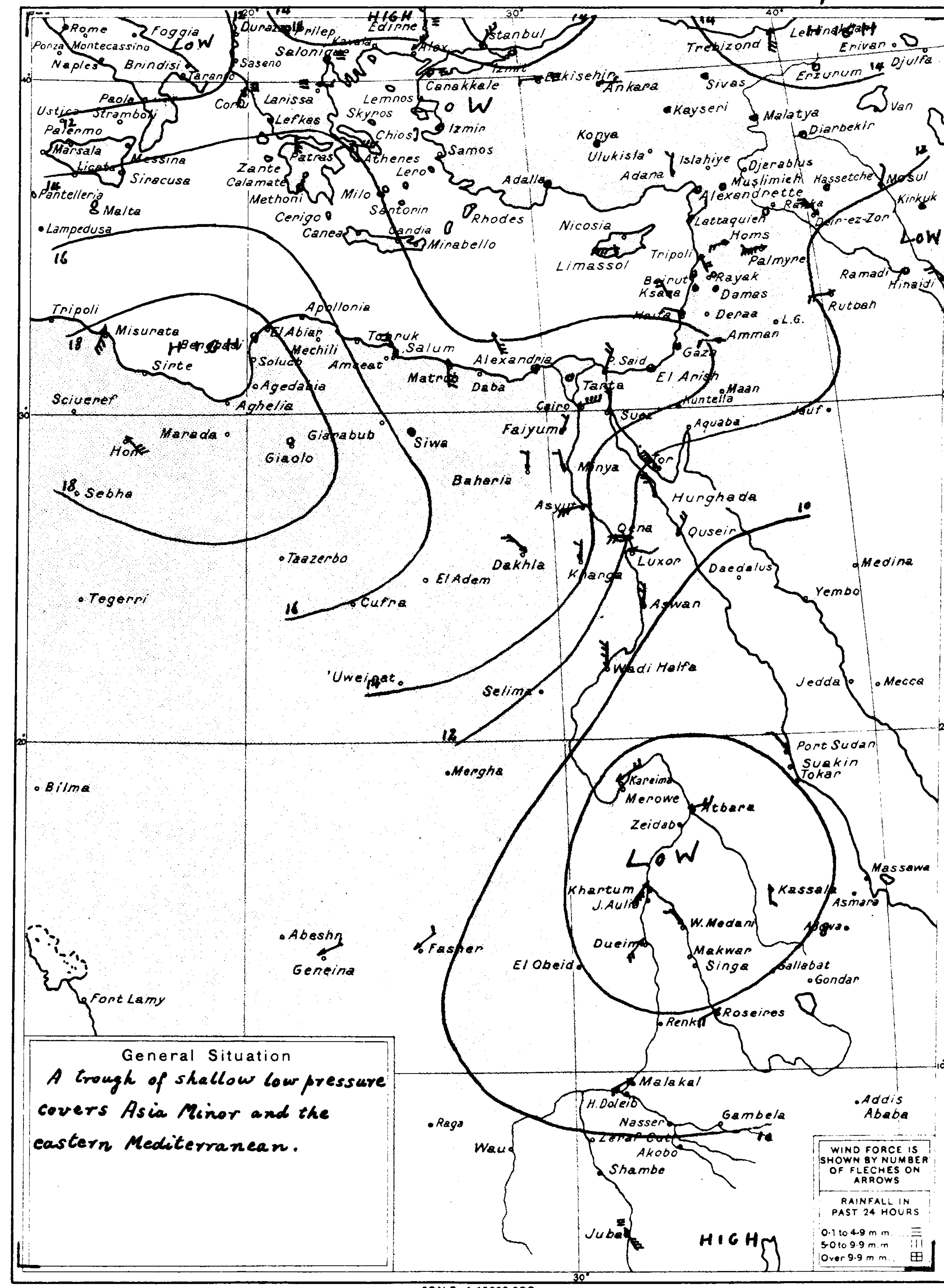
Gîza Grass minimum on 2nd 15.1 °C

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

Date	1937	1936
2-10	7845	7781
1-10	8055	7857

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	2-10	13.53	-0.21	13.55	-0.19
Nâṣser	1-10	10.54	+0.15	10.58	+0.15
Malakâl	2-10	12.33	+0.12	12.32	+0.12
Roseires	2-10	16.50	-0.87	16.50	-0.99
Sennâr Res.	1-10	17.25	—	17.20	—
Khartûm	1-10	14.76	-0.25	14.92	-0.25
Kh. el Girba	1-10	12.20	-0.17	12.30	-0.17
'Atbara	2-10	14.05	-0.04	14.19	-0.04
Kajnarti	2-10	144.32	+0.75	141.45	+0.83
Wâdi Halfa	2-10	7.72	+0.72	7.72	+0.67
Aswân Res.	2-10	97.00	—	97.00	—
” D. S.	2-10	92.01	+0.51	92.09	+0.54
El Leisi	2-10	22.44	+0.02	22.43	0.00
Rôda (Cairo)	2-10	18.41	-0.07	18.40	-0.10

Pressure and Wind at 8 h. 2-10-37



General Situation

A trough of shallow low pressure covers Asia Minor and the eastern Mediterranean.

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
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 1st — الساعة ٨ يوم اول

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
Limassol	1015	+1	NW	2	28	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.5	+3.4	WNW	1	29.3	33	+3	22	+3	54	-12	0	—	—	—	0	365	648	حيفا
Gaza	1014.0	+1.4	—	0	25.9	33	+4	18	0	67	-1	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 25 h. 50 m.

sunset 17 h. 39 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1937 ١٩٣٧ شهر اكتوبر

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	1015.2	NNE	5	25.8	73	2	8
131	MATRŪH	1013.3	NNW	2	28.1	70	0	6
150	DIKHEILA	1013.6	VNE	3	27.0	68	0	8
132	ALEXANDRIA	1014.4	NNE	2	29.3	62	0	9
159	DAMIETTA							
134	PORT SAÏD	1014.6	NNE	2	29.4	54	0	7
135	EL 'ARÎSH	1013.9	NNW	2	29.0	59	0	7
136	EGYPT: DAMANHŪR							
137	MANSŪRA							
138	TANTA	1014.0	NE	3	32.6	46	0	8
[redacted]	BAGĀZĪG	1015.2	ENE	2	31.3	50	0	8
	MIDDLE EGYPT: ALMĀZA	1014.2	NNW	3	31.8	39	0	8
	EZBEKĪYA	1013.1	NNE	1	32.4	44	0	8
	GĪZA	1013.5	N	3	31.7	45	0	7
143	HELWĀN	1012.3	N	4	32.9	26	0	7
144	SUEZ	1013.5	NW	3	33.0	32	0	7
153	UPPER EGYPT: FAIYŪM	1012.7	NNE	3	33.7	30	0	8
154	MINYA	1012.4	N	3	32.6	34	0	8
155	ASYŪT	1011.4	NNW	3	34.0	26	0	6
156	QENA	1009.3	W	1	36.0	41	0	8
157	LUXOR	1008.4	—	1	37.9	40	0	8
158	ASWĀN	1006.4	N	4	40.6	19	0	8
148	WESTERN DESERT: SĪWA	1014.4	W	2	33.6	34	0	6
149	BAHARĪYA	1012.8	NNW	2	35.0	27	0	9
151	KHĀRGA	1011.5	NNW	3	36.7	41	0	9
152	DĀKHLA	1011.8	NNE	4	35.5	25	0	6
145	RED SEA: TŌR	1009.0	NW	5	29.2	85	0	6
146	HURGHĀDA							
147	QUSEIR	1009.0	N	2	31.5	64	0	6
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 FÂSHER							
176	S. SUDAN: MALAKĀL							
177	WĀU							
178	JŪBA							
179	Geneina							
180	Gallabat							

At 8h. on Sunday 3rd الساعة ٨ يوم الاحد

	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	MEDITERRANEAN: SALŪM	1016.2	+0.2	W	3	21.2	26	—	18	—	73	—	2	6	Cu	2	0	0	—
131	MATRŪH	1014.2	-1.3	WSW	1	23.0	32	+5	22	+3	85	+11	0	6	Cu	1	0	0	1
150	DIKHEILA	1013.8	—	ESE	2	26.0	30	—	22	—	67	—	0	7	Ac	0	0	0	—
132	ALEXANDRIA	1013.4	-2.2	—	0	26.5	31	+2	22	+1	65	-4	0	8	—	0	0	0	0
159	DAMIETTA	1012.8	—	SSW	1	27.0	30	—	20	—	76	—	0	6	—	0	0	0	1
134	PORT SAÏD	1013.1	-0.4	NNW	2	27.1	31	+2	22	0	70	+1	0	7	—	0	0	0	0
135	EL 'ARÎSH	1012.8	—	—	0	28.0	29	—	20	—	66	—	0	7	—	0	0	0	tr
136	EGYPT: DAMANHŪR	1013.6	-1.4	E	1	25.2	33	+2	19	+2	71	-11	0	8	—	0	0	0	0
137	MANSŪRA	1012.8	—	E	1	23.9	32	0	19	+1	76	0	0	8	—	0	0	0	0
138	TANTA	1013.3	-2.2	—	0	22.8	33	+1	17	-1	83	+6	0	8	—	0	0	0	0
[redacted]	BAGĀZĪG	1014.6	—	NW	1	23.3	31	0	18	+1	80	+1	0	8	—	0	0	0	0
	MIDDLE EGYPT: ALMĀZA	1013.5	—	—	0	25.8	33	—	17	—	51	—	1	7	St	1	0	0	—
	EZBEKĪYA	1012.7	-1.9	—	0	23.8	33	+2	20	+2	72	-6	0	5	—	0	0	0	0
	GĪZA	1012.8	-1.9	NW	1	23.6	32	+2	16	-1	68	-13	0	5	—	0	0	0	0
143	HELWĀN	1012.2	-2.7	—	0	24.3	33	+2	22	+3	47	-19	0	5	—	0	0	0	0
144	SUEZ	1013.1	-1.0	E	1	24.0	33	+1	19	-2	60	-17	0	7	—	0	0	0	0
153	UPPER EGYPT: FAIYŪM	1012.3	-2.2	—	0	25.5	35	+3	18	0	60	-13	0	6	—	0	0	0	0
154	MINYA	1012.7	-1.6	N	1	25.5	33	+2	19	+1	60	-15	0	9	—	0	0	0	—
155	ASYŪT	1012.6	-1.1	WSW	3	26.0	35	+4	21	+1	52	-14	0	6	—	0	0	0	0
156	QENA	1010.6	-1.4	W	1	28.0	39	+3	21	+1	54	-1	0	7	—	0	0	0	—
157	LUXOR	1009.9	—	—	0	28.1	39	—	21	—	56	—	0	8	—	0	0	0	—
158	ASWĀN	1009.5	-2.3	N	3	28.5	42	+4	26	+4	39	0	0	8	—	0	0	0	—
148	WESTERN DESERT: SĪWA	1014.6	-0.4	—	0	24.0	37	+3	19	+2	83	+21	0	6	—	0	0	0	0
149	BAHARĪYA	1013.8	—	SSW	1	25.8	35	—	18	—	39	—	0	9	—	0	0	0	—
151	KHĀRGA	—	—	N	3	28.9	36	+1	22	+3	63	+11	0	9	—	0	0	0	d4
152	DĀKHLA	1013.1	-1.0	WNW	1	26.9	37	+2	21	+2	32	-12	0	8	—	0	0	0	—
145	RED SEA: TŌR	1010.2	-1.9	NW	1	29.0	30	0	18	-2	49	-21	0	6	—	0	0	0	0
146	HURGHĀDA																		
147	QUSEIR	1010.7	-1.1	N	2	29.8	32	0	26	+2	54	+6	0	6	—	0	0	0	0
169	PORT SUDAN	1008.0	-2.4	NW	1	32.2	—	—	27	+2	63	+4	1	—	—	0	0	0	1
165	NORTH SUDAN: WĀDI HALFA	1009.6	-2.5	NNE	3	27.8	41	+3	25	+4	34	-1	0	8	—	0	—	—	—
166	KAREIMA	1006.3	-3.8	NE	3	31.2	42	+1	25	+1	22	-6	4	8	Ac	1	0	0	0
167	'ATBARA	1006.8	-2.3	SE	2	32.0	42	+2	22	-3	28	+3	0	—	0	0	0	0	0
168	KHARTŪM	1007.0	-1.9	S	3	30.4	40	0	26	+1	47	+5	4	8	Cs	1	0	0	0
170	KASSALA	1007.4	-2.8	S	3	28.0	39	+1	23	0	63	+17	1	8	Cs	0	0	0	1
171	CENTRAL SUDAN: WAD MEDANI	1007.8	-1.8	WSW	2	27.0	38	0	22	0	66	+8	1	—	—	0	0	0	1
173	DUEIM	1007.9	-1.6	S	3	29.0	41	+3	24	+2	62	+7	1	—	—	0	0	0	1
	RENK																		
172	ROSEIRES																		
174	EL OBEID	1008.1	-3.1	WSW	3	26.7	38	+2	22	+1	56	+1	3	8	Ac&Cc	0	0	2	1
175	EL FÂSHER	—	—	SW	1	27.0	40	+4	20	+1	63	+2	0	—	—	0	0	0	1
176	S. SUDAN: MALAKĀL	1009.5	-1.8	S	4	24.6	34	+1	22	0	84	+6	3	8	Fn	1	0	0	5
177	WĀU	1010.7	0.0	W	3	22.4	35	+1	21	+1	84	+3	2	—	—	2	23	25	8
178	JŪBA	1012.3	+0.5	—	0	23.0	34	0	20	0	83	+2	4	9	Sc	2	dr	dr	6
179	Geneina																		
180	Gallabat																		

Upper Wind Observations on 3rd ارصاد الرياح العليا يوم ٣

Height 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.00m. 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	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 06h.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	Juba 07h.00m. Dir. E of N.	Kms per hour	Salum 2nd 13h.00m. Dir. E of N.	Kms. per hour
200	270	17	330	17	—	—	290	4	260	4	—	—	—	—	10	19	—	—	—	—	—	—	—	—	—	—	—	—	50	25
500	320	19	330	19	250	5	30	4	10	2	30	34	20	28	150	34	90	21	240	31	—	—	—	—	270	14	—	—	—	—
1000	340	22	350	22	270	14	30	5	10	5	0	51	40	20	40	23	100	31	230	27	200	48	240	47	210	18	250	14	270	19
1500	Ent. Cb				250	35	290	3	320	11	350	42	70	12	100	27	100	40	130	18	180	13	240	18	190	44	250	31	250	26
2000					260	38	280	25	310	29			60	18	100	27	90	40	110	19	90	24	150	5	160	14	250	6		
3000					290	49							160	10	130	45	80	58	90	21	40	27	70	26	140	16	250	3		
4000																									90	29				
5000																									70	37				
6000																														

Forecast for 24 hours from noon of 3rd

Light northwesterly winds becoming moderate.

Clear at first; occasional medium cloud later.

Somewhat cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

رياح شمالية غربية خفيفة ثم غير معتدلة

السماء صحو أولا ثم يظهر بعض السحاب المتوسط الارتفاع

تهبط درجة الحرارة قليلا باكر

STATION	Mean of day HUMIDITY % 2nd	Diff. from normal	Mean of day WET BULB TEMP. °C on 2nd	Diff. from normal
Alexandria	64	-4	22.4	+2.5
Ezbekiya	64	-1	21.9	+1.4
Giza	58	-9	21.3	+1.0
Helwân	48	-6	20.1	+2.2

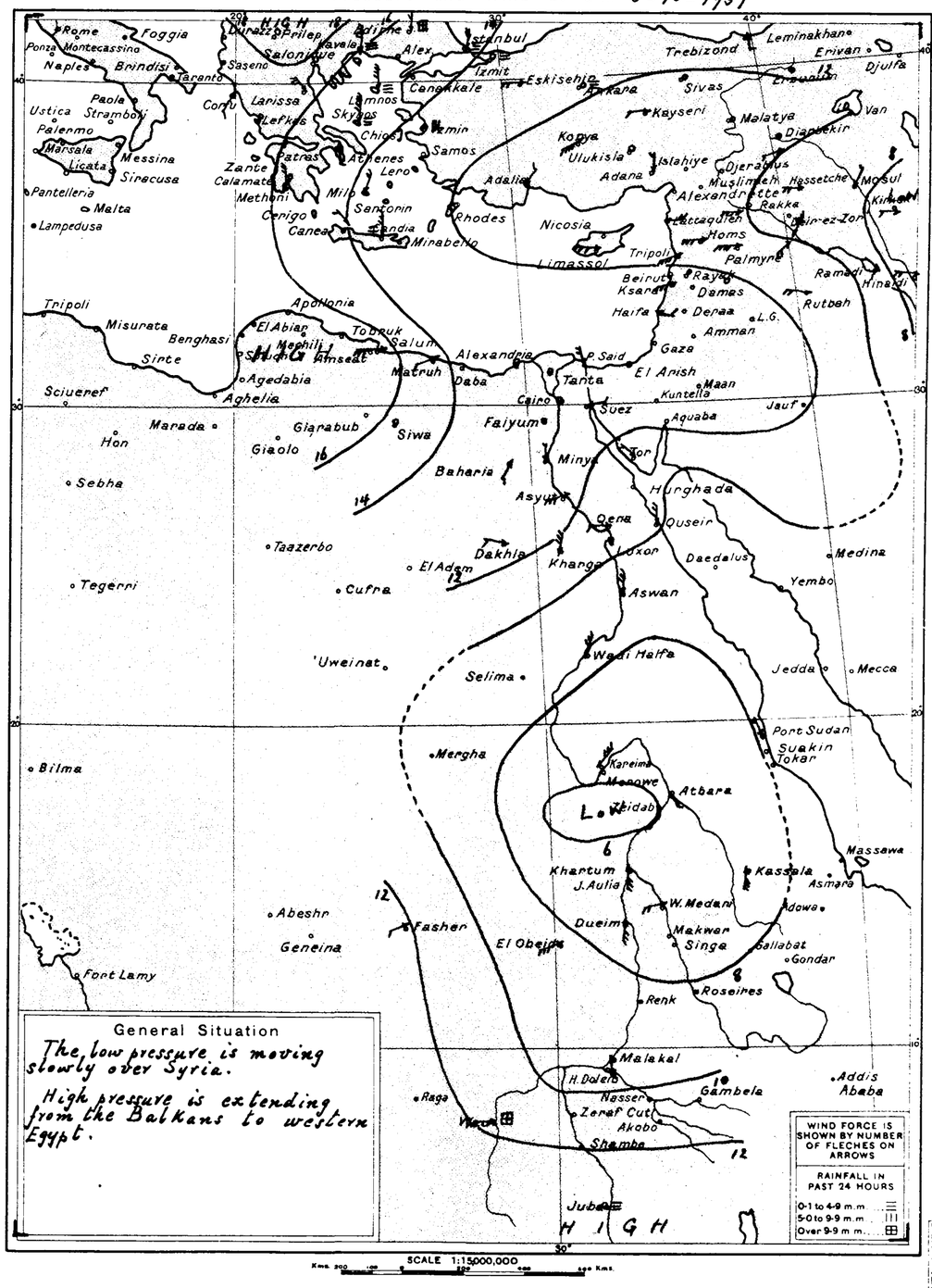
Giza Grass minimum on 3rd 13.2 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
3-10	7764	7666
2-10	7845	7761

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m
Jūba	3-10	13.51	-0.23	13.53	-0.21
Nāsser	2-10	10.59	+0.14	10.59	+0.15
Malakāl	3-10	12.34	+0.12	12.32	+0.11
Roseires	2-10	16.50	-0.87	16.50	-0.99
Sennār Res.	2-10	17.22	—	17.25	—
Khartūm	2-10	14.60	-0.37	14.76	-0.25
Kh. el Girba	2-10	12.10	-0.20	12.20	-0.17
'Atbara	3-10	13.90	-0.12	14.05	-0.04
Kajnarti	3-10	141.16	+0.66	141.32	+0.75
Wādi Halfa	3-10	7.52	+0.57	7.72	+0.72
Aswân Res.	3-10	97.00	—	97.00	—
" D. S.	3-10	91.92	+0.46	92.01	+0.51
El Leisi	3-10	22.48	+0.07	22.44	+0.02
Rōda (Cairo)	3-10	18.44	-0.03	18.41	-0.07

Pressure and Wind at 8h. 3-10-1937



General Situation

The low pressure is moving slowly over Syria.

High pressure is extending 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

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. ⊞

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

Remarks

At 8h. on 2-10-1937 الساعة ٨ يوم ٢-١٠-١٩٣٧

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
Limassol	1013	-1	W	4	25	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.4	+2.2	WNW	1	29.2	31	+1	22	+3	79	+13	0	—	—	—	0	0	1	حيفا
Gaza	1014.2	+1.5	—	0	25.1	33	+4	19	+1	72	+4	0	9	—	0	0	0	0	غزه

ANNUAL SUBSCRIPTION

Inland Post ... 100

Abroad ... 5

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

CAIRO

Time of sunrise 05 h. 50 m.
sunset 17 h. 37 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1937 — شهر اكتوبر ١٩٣٧ — ٤-١٠-٣٧ Pressure and Wind at 8 h. — 4-10-37

1417 F.C.

At 14 h. on 3rd — الساعة ١٤ يوم ٣

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN: SALÛM	1015.1	NW	4	27.5	54	2	7
131	MATRÛH	1013.3	NNW	4	26.1	75	1	6
150	DIKHEILA	1013.3	NNW	2	27.1	67	2	8
132	ALEXANDRIA	1012.4	NW	3	29.0	60	2	9
159	DAMIETTA							
134	PORT SAÏD	1012.0	NE	2	29.2	62	0	7
135	EL 'ARÎSH	1011.4	NNE	3	28.0	70	0	7
136	LOWER EGYPT: DAMANHÛR							
137	MANSÛRA							
132	TANTA	1011.5	NW	3	32.2	44	0	8
[illegible]	ZAGÂZÎG	1011.5	NNW	1	32.1	45	0	8
[redacted]	MIDDLE EGYPT: CAIRO: ALMÂZA	1012.3	NW	3	33.1	36	0	8
[redacted]	CAIRO: EZBEKÎYA	1010.6	N	1	34.0	34	0	8
[redacted]	CAIRO: GÎZA	1010.7	NNE	2	33.1	36	0	7
143	HELWÂN	1010.3	—	0	32.7	26	0	7
144	SUEZ	1010.7	S	1	33.0	43	0	6
153	UPPER EGYPT: FAIYÛM	1009.1	—	0	34.3	31	0	6
154	MINYA	1010.6	NNW	3	34.5	27	0	9
155	ASYÛT	1010.3	WSW	3	35.0	24	0	8
156	QENA	1008.3	W	1	38.0	27	0	8
157	LUXOR	1007.8	E	1	38.2	36	0	8
158	ASWÂN	1005.8	N	2	41.0	17	0	8
148	WESTERN DESERT: SÎWA	1013.5	NW	2	32.5	63	0	6
149	BAHARÎYA	1011.4	NW	3	34.0	30	0	9
151	KHÂRGA	—	NNW	3	37.5	39	0	9
152	DÂKHLA	1011.0	NNW	2	35.2	24	0	8
145	RED SEA: TÛR	1008.4	NW	5	30.2	73	0	7
146	HURGHÂDA							
147	QUSEIR	1010.2	N	3	31.8	55	0	6
164	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	JUBA							
179	Geneina							
180	Gallabat							

At 8 h. on Monday 4th — الساعة ٨ يوم الاثنين

	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.
130	SALÛM	1016.6	+0.5	NNE	5	23.0	28	—	19	—	70	—	2	6	Cb	2	dr	dr	—
131	MATRÛH	1014.0	-1.6	NNW	2	25.0	27	0	—	—	77	+3	3	6	Sc	2	0	0	2
150	DIKHEILA	1014.1	—	NNW	3	25.4	28	—	24	—	64	—	1	6	Ac	1	0	0	—
132	ALEXANDRIA	1013.4	-2.3	N	2	26.4	31	+2	23	+2	64	-5	2	8	Cu	2	0	0	1
159	DAMIETTA	1013.0	—	WSW	3	25.0	31	—	19	—	75	—	2	8	Cu	2	0	0	1
134	PORT SAÏD	1012.6	-1.0	WSW	3	27.0	30	+1	23	+1	66	-3	0	7	—	0	0	0	0
135	EL 'ARÎSH	1011.6	—	WSW	1	28.0	32	—	22	—	66	—	0	7	Cu	0	0	0	tr
136	DAMANHÛR	1013.4	-1.8	SW	2	27.0	32	+1	20	+3	61	-21	1	8	Cu	0	0	0	0
137	MANSÛRA	1013.0	—	SW	1	23.8	33	+1	20	+2	79	+3	1	7	Cu	1	0	0	0
132	TANTA	1013.5	-2.1	SW	2	25.0	34	+2	18	0	77	0	0	8	—	0	0	0	0
[illegible]	ZAGÂZÎG	1013.6	—	WSW	1	25.4	33	+2	18	+1	75	-4	0	8	—	0	0	0	0
[redacted]	CAIRO: ALMÂZA	1014.0	—	NW	1	23.1	34	—	18	—	77	—	1	7	Sc	1	0	0	—
[redacted]	CAIRO: EZBEKÎYA	1013.4	-1.3	N	1	23.8	35	+4	21	+3	80	+2	0	5	Sc	1	0	0	0
[redacted]	CAIRO: GÎZA	1013.4	-1.4	NNW	2	23.4	35	+5	19	+2	79	-2	0	7	Ac	1	0	0	0
143	HELWÂN	1013.4	-1.6	NNW	1	22.9	35	+5	20	+1	78	+12	0	6	Ac	0	0	0	0
144	SUEZ	1013.0	-1.2	N	2	25.0	34	+2	22	+1	76	-1	0	7	—	0	0	0	0
153	FAIYÛM	1013.5	-1.1	NNW	2	24.8	37	+5	19	+1	71	-2	0	7	—	0	0	0	0
154	MINYA	1013.1	-1.3	N	2	24.7	35	+5	21	+3	72	-3	0	8	—	0	0	0	—
155	ASYÛT	1012.8	-1.0	W	2	24.8	36	+5	22	+3	71	+5	0	6	—	0	0	0	0
156	QENA	1011.2	-1.0	W	1	27.2	40	+4	22	+3	60	+5	0	7	Cu	1	0	0	—
157	LUXOR	1010.4	—	WSW	1	28.6	39	—	20	—	52	—	0	8	As	0	0	0	—
158	ASWÂN	1008.8	-3.1	N	1	28.9	42	+4	26	+4	36	-3	0	8	—	0	0	0	—
148	SÎWA	1017.1	+2.0	—	0	22.9	34	+1	19	+3	83	+21	0	6	—	0	0	0	0
149	BAHARÎYA	1014.7	—	N	1	22.7	34	—	18	—	78	—	0	9	—	0	0	0	—
151	KHÂRGA	—	—	NW	3	26.9	38	+3	21	+2	60	+8	0	9	—	0	0	0	dr
152	DÂKHLA	1013.1	-1.1	W	1	27.9	36	+1	22	+3	39	-5	0	8	—	0	0	0	—
145	TÛR	1011.0	-1.2	NW	4	27.1	32	+2	19	-1	83	+13	0	6	—	0	0	0	0
146	HURGHÂDA	1010.3	-2.0	NNW	4	28.4	35	+4	20	-1	61	+6	0	5	Ci	1	0	0	0
147	QUSEIR	1011.1	-0.8	NW	1	31.2	34	+2	25	+1	45	-3	0	6	—	0	0	0	0
164	PORT SUDAN	1009.3	-1.2	N	1	31.2	—	—	27	+2	77	+18	3	—	—	0	0	0	1
165	WÂDI HALFA	1010.1	-2.1	N	4	28.9	40	+2	24	+3	37	+2	0	7	—	0	—	—	—
166	KAREIMA	1007.8	-2.3	—	0	27.4	43	+2	26	+2	33	+5	4	8	Ac	1	0	0	0
167	'ATBARA	1008.0	-1.2	SW	2	32.3	41	+1	26	+1	32	+8	0	—	—	0	0	0	0
168	KHARTÛM	1008.6	-0.3	S	2	29.1	39	-1	26	+1	52	+11	3	8	AcCs	1	0	0	0
170	KASSALA	1010.8	+0.6	SSE	5	26.1	39	+1	23	0	76	+30	3	8	Fn	1	0	0	1
171	WAD MEDANI	1011.1	+1.5	SSE	3	26.1	37	-1	23	+1	76	+9	2	—	—	1	0	0	1
173	DUEIM	1010.2	+0.5	SE	3	26.8	37	-1	23	+1	72	+7	2	—	—	1	0	0	1
	RENK																		
172	ROSEIRES	1012.3	+1.6	NNW	2	21.4	35	0	21	+1	86	+12	5	—	—	8	5	5	3
174	EL OBEID	1009.9	-1.3	SSW	3	24.0	35	-1	21	0	83	+25	4	8	Ac	1	2	4	2
175	EL FÂSHER	—	—	NW	2	23.0	40	+4	20	+1	91	+48	0	—	—	0	0	0	1
176	MALAKÂL	1011.8	-0.4	E	2	26.5	30	-3	22	0	77	-1	2	8	Fn	1	0	0	8
177	WÂU	1010.2	-0.4	S	2	25.2	30	-4	21	+1	78	-3	3	—	—	0	0	25	12
178	JUBA	1014.0	+2.3	NE	3	20.6	32	-2	19	-1	91	+10	5	8	Cb	8	14	14	9
179	Geneina	—	—	S	3	19.7	34	—	18	—	91	—	3	8	Sc	1	0	0	—
180	Gallabat																		

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

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.45m. 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	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	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	Salum 13h.00m. Dir. E of N.	Kms per hour
200	340	17	330	17	0	33	330	8	320	8	—	—	—	—	20	29	—	—	—	—	—	—	—	—	—	—	—	—	20	25
500	10	24	330	18	340	19	330	10	340	6	350	34	20	43	20	40	110	24	190	11	—	—	—	—	240	5	—	—	—	—
1000	10	22	330	24	340	20	330	13	330	13	330	29	40	37	30	40	50	39	250	31	200	48	230	26	250	10	290	24	320	64
1500	10	14	340	26	320	19	300	21	300	23	290	30	90	17	40	11	10	11	320	10	260	24	170	5	240	8	0	47	Ent. Cb	
2000	0	26	350	28				300	41	270	22	310	19	70	20	0	19	30	14	80	5	20	11	120	11	180	11	60	58	
3000										260	46			100	8	70	23	70	26	40	19	30	26	60	27	80	6	70	56	
4000																		70	19											
5000																														
6000																														

Forecast for 24 hours from noon on 4th

Moderate northerly winds.
Occasional low cloud.
Temperature about normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من مطلع ٤
رياح شمالية معتدلة.
يظهر بعض السحاب المنخفض احيانا.
درجة الحرارة حول المعدل

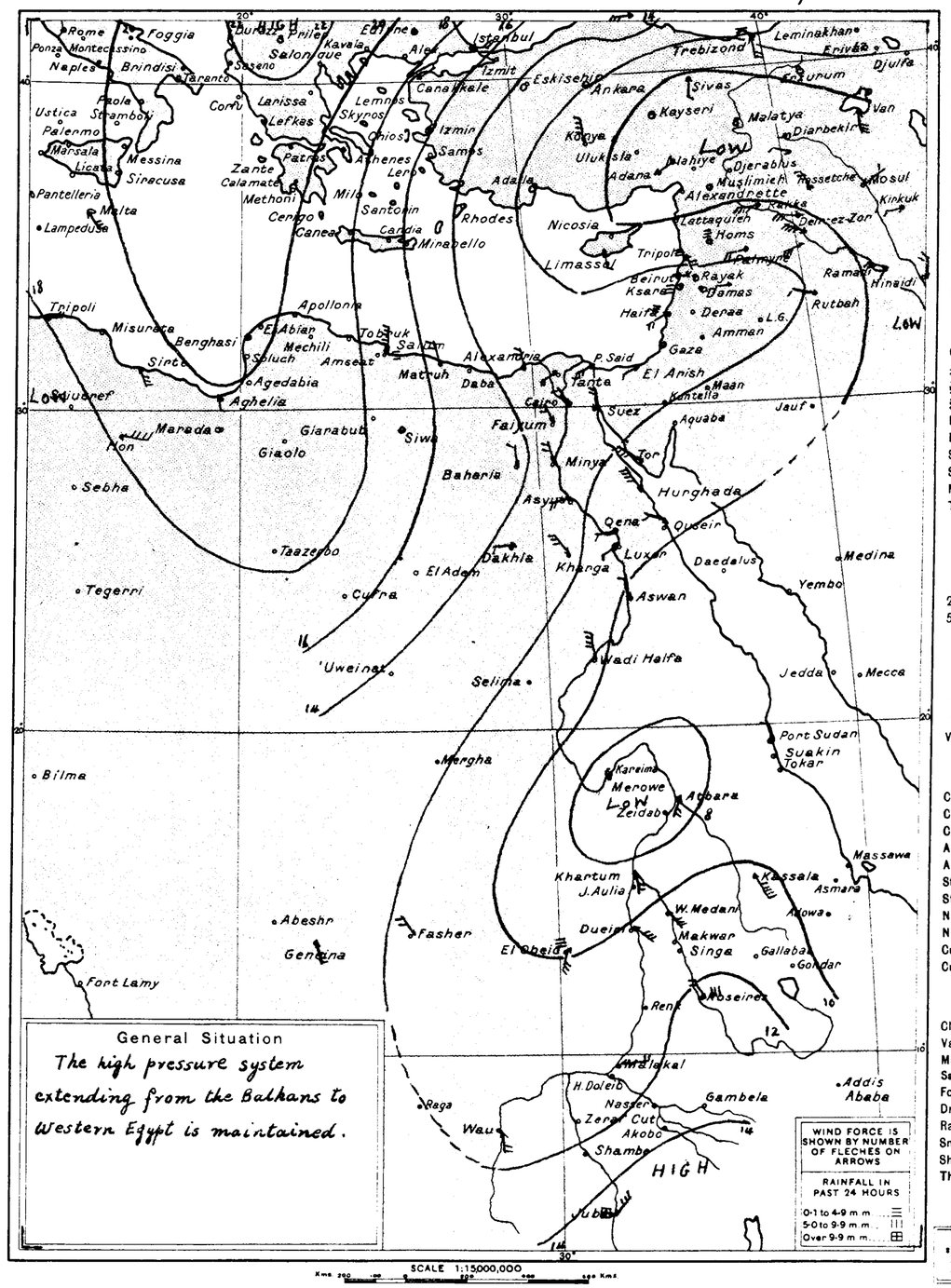
STATION	Mean of day: Humidity % on 3rd	Diff. from normal	Wet Bulb Temp. °C on 3rd	Diff. from normal
Alexandria	67	-1	22.2	+2.3
Ezbekîya	65	0	21.9	+1.5
Gîza	61	-6	21.4	+1.1
Helwân	48	-6	19.6	+1.7

Gîza Grass minimum on 4th 16.1 °C

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

DATE	1937	1936
4-10	7563	7472
3-10	7764	7666

GAUGE	Date 1937	Reading m	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	4-10	13.60	-0.14	13.51	-0.23
Nâsser	3-10	10.59	+0.13	10.59	+0.14
Malakâl	4-10	12.34	+0.11	12.34	+0.12
Roseires	3-10	16.36	-0.92	16.50	-0.87
Sennâr Res.	3-10	17.18	—	17.22	
Khartûm	3-10	14.48	-0.45	14.60	-0.37
Kh. el Girba	3-10	12.04	-0.20	12.10	-0.20
'Atbara	4-10	13.77	-0.18	13.90	-0.12
Kajnarti	3-10	141.16	+0.66	141.32	+0.75
Wâdi Halfa	4-10	7.38	+0.48	7.52	+0.57
Aswân Res.	4-10	97.00		97.00	—
" D.S.	4-10	91.82	+0.43	91.92	+0.46
El Leisi	4-10	22.50	+0.10	22.48	+0.07
Rôda (Cairo)	4-10	18.45	0.00	18.44	-0.03



General Situation

The high pressure system extending from the Balkans to Western 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

At 8 h. on 3rd — الساعة ٨ يوم 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	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
Hurghada	1012.4	+0.2	NNW	3	29.5	33	+1	20	-1	41	-14	0	6	—	1	0	0	0	الغردقة
Limassol	1011	-3	W	3	26	—	—	—	—	—	—	0	—	—	—	—	—	—	قبرص
Haifa	1012.8	+0.5	ESE	1	27.1	32	+2	21	+2	66	+1	3	—	—	—	0	0	1	حيفا
Gaza	1013.3	+0.4	—	0	24.3	32	+3	18	0	72	+4	0	7	—	0	0	0	1	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 05 h. 51 m.
sunset 17 h. 36 m.

Month October 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٣٧-١٠-٥

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

No.	Region	Station	14h 4th: 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 5th: 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	SALÛM	1016.4	NNE	5	25.0	66	1	—	1018.3	+2.1	NNW	4	21.3	26	—	17	—	74	—	1	6	Cb	1	dr	dr	—
	Mediterranean	MATRÛH	1014.3	NNW	4	26.1	73	2	6	1016.0	+0.3	NNW	3	24.6	27	0	24	+5	72	-2	2	6	Cu	2	0	0	3
	Mediterranean	DIKHEILA								1015.3	—	N	3	25.0	28	—	24	—	63	—	2	7	Cu	1	0	0	—
132	Mediterranean	ALEXANDRIA	1013.1	N	4	28.3	56	2	9	1015.0	-0.8	N	2	24.9	29	0	23	+2	68	-2	2	8	Cu	2	0	0	1
159	Mediterranean	DAMIETTA								1013.8	—	WSW	1	26.0	30	—	20	—	71	—	1	8	Cu	1	0	0	1
134	Mediterranean	PORT SAÎD	1011.9	NW	4	29.4	58	1	7	1013.9	+0.2	WNW	3	25.1	31	+2	23	+1	76	+7	2	7	Cu	1	0	0	0
135	Mediterranean	EL 'ARÎSH	1011.4	NNW	3	28.2	64	0	7	1012.8	—	WSW	2	26.0	29	—	22	—	69	—	0	7	—	0	0	0	tr
136	Lower Egypt	DAMANHÛR								1015.1	-0.2	WSW	2	25.6	30	-1	19	+2	65	-17	1	8	Cu	1	0	0	1
137	Lower Egypt	MANSÛRA								1014.4	—	NW	1	23.5	31	-1	19	+1	75	-1	1	7	Cu	1	0	0	0
138	Lower Egypt	TANTA	1012.2	NW	3	29.6	45	2	7	1014.8	-0.9	—	0	23.4	31	-1	17	0	80	+3	0	8	—	0	0	0	0
	Lower Egypt	ZAGÂZÎG	1011.8	WNW	2	29.4	53	2	8	1015.1	—	WNW	1	25.4	30	-1	17	0	74	-5	0	8	—	0	0	0	0
	Middle Egypt (Cairo)	ALMÂZA	1012.8	NW	3	29.8	41	2	8	1015.5	—	WNW	3	24.1	31	—	17	—	63	—	0	7	St	1	0	0	—
	Middle Egypt (Cairo)	EZBEKÎYA	1011.8	NNE	2	31.3	44	0	8	1015.1	+0.3	N	1	23.0	32	+1	20	+2	80	+2	0	5	Cu	1	0	0	0
	Middle Egypt (Cairo)	GÎZA	1011.9	NNW	2	30.4	42	2	8	1015.1	+0.2	NW	1	23.1	31	+1	17	0	76	-5	1	6	Sc	1	0	0	0
143	Middle Egypt	HELWÂN	1011.6	NW	3	29.3	33	1	8	1015.2	+0.1	—	0	22.0	30	0	19	0	77	+4	0	4	—	0	0	0	0
144	Middle Egypt	SUEZ	1010.4	N	2	32.1	38	2	7	1014.8	+0.5	N	1	23.2	32	0	20	0	68	-9	0	7	—	0	0	0	1
153	Upper Egypt	FAIYÛM	1010.7	N	2	30.5	45	2	6	1015.8	+1.2	N	2	24.1	33	+1	18	0	68	-5	0	7	—	0	0	0	0
154	Upper Egypt	MINYA	1011.6	N	3	31.2	39	0	7	1015.1	+0.5	N	2	23.9	32	+2	20	+2	70	-5	0	9	—	0	0	0	—
155	Upper Egypt	ASYÛT	1011.1	WSW	4	32.0	37	0	8	1014.4	+0.5	NNW	3	24.0	33	+2	22	+3	61	-5	0	7	—	0	0	0	0
156	Upper Egypt	QENA	1008.6	WSW	1	36.0	33	0	8	1012.2	-0.1	W	2	27.5	36	0	23	+4	57	-2	1	7	Cu	1	0	0	—
157	Upper Egypt	LUXOR	1008.6	SE	1	37.5	43	0	8	1012.3	—	NE	3	29.1	39	—	22	—	58	—	1	8	As	2	0	0	—
158	Upper Egypt	ASWÂN	1007.0	N	3	39.9	18	0	8	1011.2	-0.8	N	4	28.0	41	+3	25	+3	48	+9	0	8	—	0	0	0	—
148	Western Desert	SÎWA	1014.2	NNW	1	30.4	65	2	6	1018.4	+3.2	—	0	22.0	32	-1	17	+1	86	+24	0	6	—	0	0	0	0
149	Western Desert	BAHARÎYA	1013.0	NW	3	29.4	44	0	9	1016.3	—	N	2	23.0	31	—	19	—	74	—	0	9	—	0	0	0	—
151	Western Desert	KHÂRGA	1011.6	N	2	34.8	41	0	9	1015.1	+1.7	NNW	3	25.4	35	0	23	+4	61	+9	0	9	—	0	0	0	dr
152	Western Desert	DÂKHLA	1011.5	N	2	33.8	21	0	8	1014.8	+0.5	NW	1	26.0	34	-1	21	+2	52	18	0	8	—	0	0	0	—
145	Red Sea	TÔR	1009.1	NW	4	32.9	67	0	5	1011.8	-0.5	NW	5	26.5	35	+5	22	+2	88	+18	0	5	—	0	0	0	0
146	Red Sea	HURGHÂDA								1012.4	0.0	NNW	4	28.0	34	+3	23	+2	58	+3	0	5	—	1	0	0	0
147	Red Sea	QUSEIR	1010.3	—	—	31.2	61	0	6	1011.9	-0.1	NNW	4	28.9	33	+1	26	+2	53	+5	0	6	—	0	0	0	0
169	Red Sea	PORT SUDAN								1009.5	-1.1	NW	1	31.3	—	—	26	+1	74	+14	0	—	—	0	0	0	1
165	North Sudan	WÂDI HALFA								1011.2	-1.1	NNW	5	27.5	41	+4	24	+4	36	+1	0	7	—	0	—	—	—
166	North Sudan	KAREIMA								1007.8	-2.4	SSW	2	33.9	43	+2	27	+3	40	+12	2	8	Sc,Ci	0	0	0	0
167	North Sudan	'ATBARA								1008.0	-1.2	SW	2	33.0	41	+1	27	+3	31	+7	1	—	—	0	0	0	0
168	North Sudan	KHARTÛM								1008.8	-0.1	S	2	30.9	38	-2	27	+2	48	+8	0	8	Ac	0	0	0	1
170	North Sudan	KASSALA								1009.4	-0.7	SSE	4	28.0	37	-1	24	+1	63	+17	3	8	Sc	1	0	0	1
171	Central Sudan	WAD MEDANI								1009.6	0.0	SW	2	27.4	34	-4	21	-1	67	+11	1	—	—	0	dr	dr	2
173	Central Sudan	DUEIM								1009.6	-0.1	SE	3	28.4	36	-2	24	+2	66	+12	1	—	—	0	0	0	2
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1011.0	+0.3	WSW	2	24.7	32	-3	20	0	80	+7	2	—	—	1	dr	6	4
174	Central Sudan	EL OBEID								1009.3	-1.9	SW	3	27.4	35	-1	22	+1	69	+15	0	8	Ac	0	0	4	2
175	Central Sudan	EL FÂSHER								—	—	SW	1	27.5	39	+3	20	+1	74	+32	0	—	—	0	0	0	1
176	S. Sudan	MALAKÂL								1010.8	-0.4	E	1	25.9	33	0	21	-1	76	-2	2	8	AcCi	1	3	3	10
177	S. Sudan	WÂU								1010.0	-0.6	NE	2	26.8	33	-1	23	+3	72	-9	1	—	—	0	0	25	16
178	S. Sudan	JÛBA								1013.2	+1.5	SSW	3	23.8	30	-4	20	0	83	+3	1	8	Sc	5	dr	14	12
179		Geneina								—	—	NE	3	17.9	34	—	16	—	90	—	2	8	AcCi	0	0	0	—
180		Gallabat																									

Upper Wind Observations on 5th ارصاد الرياح العليا يوم ٥

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 15m Dir.	Kms	Helwan 08h 38m 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	El Obeid 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Salum 4th 13h 00m Dir.	Kms	Almaza 4th 11h 00m Dir.	Kms
200	300	23	340	12	340	13	350	8	280	7	—	—	—	—	10	34	—	—	—	—	—	—	—	—	—	—	340	37	300	10
500	350	25	340	19	340	14	350	16	350	17	0	34	10	43	30	42	180	24	220	31	—	—	—	—	100	5	—	—	280	20
1000	0	—	Ext. Cu		340	20	350	15	0	23	340	36	30	43	40	43	220	37	230	24	220	34	280	27	190	5	330	25	300	35
1500	Ext. Cb				310	14			0	23	330	34	70	11	50	26	190	24	120	8	260	11	340	10	320	5	320	32	280	22
2000					340	16			350	23			170	12	10	11	160	16	70	21	30	18	80	21					290	16
3000					320	26			290	26			120	8	180	8			30	31										
4000													210	61																
5000																														
6000																														

Forecast for 24 hours from noon on 5th

Light to moderate northwest to north winds.

Some medium cloud.

Little change in temperature; slightly cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٥

رياح بين الخفيفة والمعتدلة بين شمالية غربية وشمالية

يظهر بعض السحاب المتوسط الارتفاع

ولا تتغير درجة الحرارة إلا قليلا بالبرودة قليلا.

Station	Mean of day: Humidity % on 4th	Diff. from Normal	Wet Bulb Temp. °C on 4th	Diff. from Normal
Alexandria	63	-5	21.4	+1.6
Ezbekiya	67	+2	21.5	+1.2
Giza	66	-1	20.7	+0.5
Helwân	62	+8	19.7	+1.9

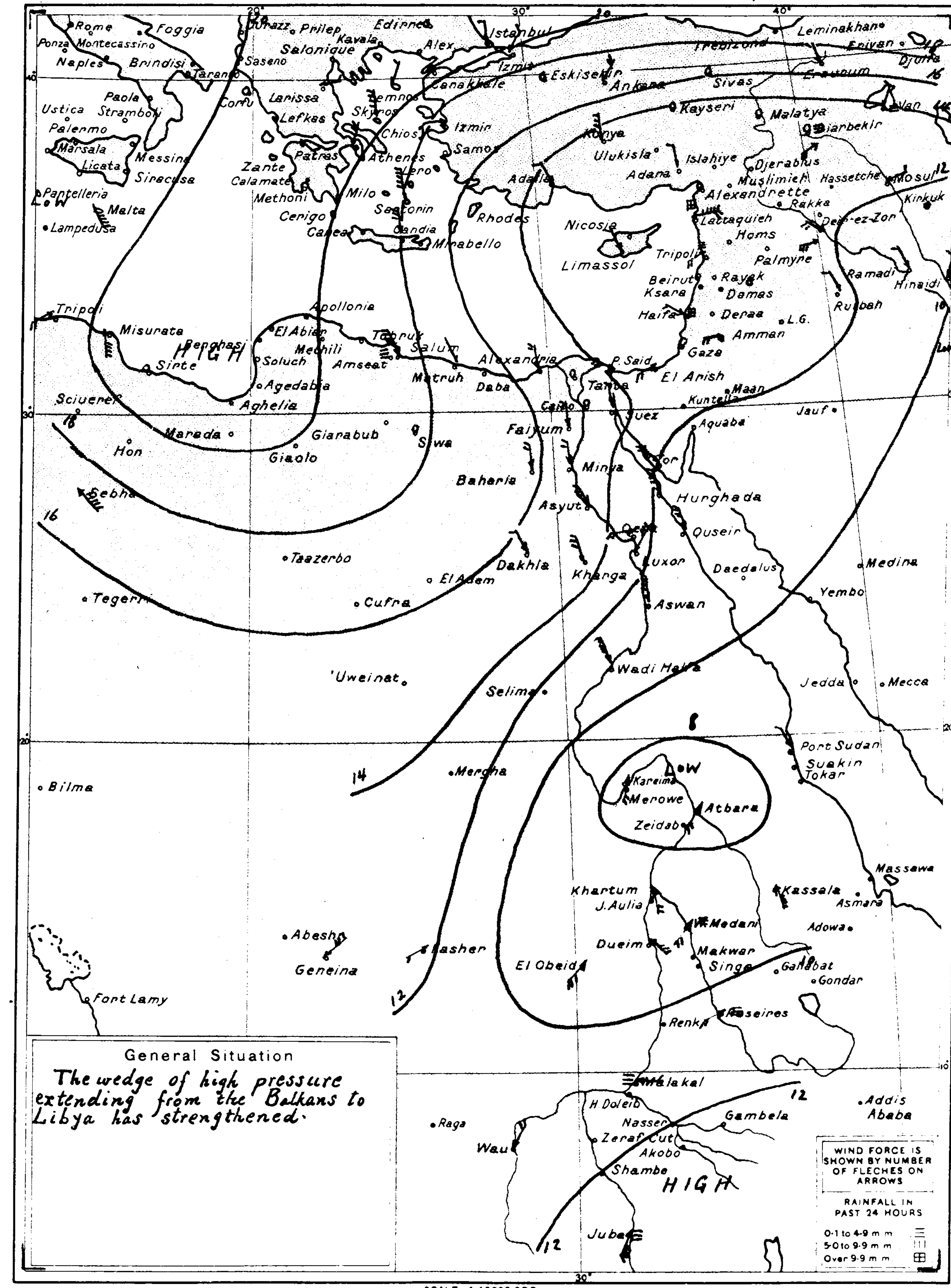
Giza Grass minimum on 5th 14.3 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
5-10	7454	7294
4-10	7563	7472

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5-10	13.59	-0.15	13.60	-0.14
Nâsser	4-10	10.60	+0.14	10.59	+0.13
Malakâl	5-10	12.34	+0.11	12.34	+0.11
Roseires	5-10	16.22	-0.84	16.30	-0.87
Sennâr Res.	4-10	17.23	—	17.18	—
Khartûm	4-10	14.37	-0.49	14.48	-0.45
Kh. el Girba	3-10	12.04	-0.24	12.10	-0.20
'Atbara	5-10	13.62	-0.27	13.77	-0.18
Kajnarti	5-10	14.85	+0.48	14.97	+0.54
Wâdi Halfa	5-10	7.28	+0.43	7.38	+0.48
Aswân Res.	5-10	97.00	—	97.00	—
,, D. S.	5-10	91.71	+0.36	91.82	+0.43
El Leisi	5-10	22.49	+0.11	22.50	+0.10
Rôda (Cairo)	5-10	18.47	+0.05	18.45	0.00

Pressure and Wind at 8h. 5-10-37.



General Situation

The wedge of high pressure extending from the Balkans to Libya has strengthened.

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.	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	1011	-3	S	1	24	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.2	-0.2	WSW	2	28.5	32	+2	23	+4	65	0	5	—	—	—	dr	dr	2	حيفا
Gaza	1012.3	-0.1	—	0	24.6	33	+4	19	+1	62	-6	2	6	—	1	0	0	1	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. 51
sunset h. 17 m. 35

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

DAILY WEATHER REPORT

Month *October* 1937 ١٩٣٧ شهر اكتوبر ٢٧-١٠-٦ Pressure and Wind at 8 h. *6-10-37.*

	STATION	At 14 h. on 5th — Barometric Pressure Reduced to M.S.L. m.b.	WIND Dir.	WIND Force	°TEMPERATURE °C	HUMIDITY %	PRESENT WEATHER	VISIBILITY	At 8 h. on Wednesday 6th — 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.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
130	SALŪM	1018.4	NNE	5	24.8	68	1	8	1019.4	+3.2	N	4	22.5	25	—	17	—	76	—	1	7	Sc	1	0	dr	—
131	MATRŪH	1016.0	NNW	4	26.0	77	3	6	1017.4	+1.6	NNE	3	24.4	27	0	24	+5	80	+6	2	6	Cu	1	0	0	3
150	DIKHEILA								1016.8	—	NNE	3	25.9	27	—	24	—	68	—	2	6	Cu	1	0	0	—
132	ALEXANDRIA	1014.8	NNE	3	28.0	58	2	9	1016.4	+0.5	NE	2	26.7	29	0	23	+2	69	−1	2	8	Cu	2	0	0	1
159	DAMIETTA								1015.6	—	N	2	27.0	31	—	22	—	68	—	2	8	Cu	1	0	0	1
134	PORT SAÏD	1013.8	NW	3	29.4	55	0	7	1015.1	+1.3	NNE	3	27.9	31	+2	25	+3	58	−11	1	7	Cu	1	0	0	0
135	EL 'ARÎSH								1013.6	—	—	0	29.0	29	—	21	—	59	—	0	7	Cu	0	0	0	tr
	LOWER EGYPT																									
136	DAMANHŪR								1016.4	+1.1	WNW	1	25.5	31	0	19	+2	72	−10	1	8	Cu	1	0	0	1
137	MANSŪRA								1015.2	—	N	1	24.8	30	−2	21	+3	76	0	0	8	—	0	0	0	0
	TANTA	1013.8	NW	1	29.6	51	1	8	1016.0	+0.2	—	0	23.8	32	0	17	0	83	+6	0	8	—	0	0	0	0
	ZAGÂZIG	1013.6	NW	1	29.9	51	1	8	1015.9	—	NNW	2	25.9	30	−1	19	+2	76	−3	1	8	Cu	1	0	0	0
	MIDDLE EGYPT — CAIRO																									
	ALMÂZA	1014.4	NNW	3	29.6	39	2	8	1015.9	—	N	3	22.6	31	—	17	—	77	—	2	7	Sc	1	0	0	—
	EZBEKÎYA	1013.3	NNE	2	30.2	48	2	8	1015.6	+0.7	N	2	22.5	32	+1	20	+2	85	+7	0	5	Cu	1	0	0	0
	GÎZA	1013.4	NNE	1	30.2	47	2	8	1015.6	+0.6	N	2	22.6	31	+1	18	+2	83	+2	1	6	Cu	1	0	0	0
143	HELWÂN	1012.7	WNW	5	28.4	43	1	7	1015.1	−0.1	N	3	23.2	30	0	19	0	74	+8	0	5	Cu	0	0	0	0
144	SUEZ	1013.6	N	2	30.5	42	1	7	1013.2	+0.8	NE	1	23.2	31	−1	21	+1	74	−3	0	7	—	0	0	0	1
	UPPER EGYPT																									
153	FAIYŪM	1013.8	N	2	29.5	43	1	7	1015.5	+0.8	NNW	2	24.1	31	−1	18	0	73	0	1	7	Cu	1	0	0	0
154	MINYA	1013.4	N	3	29.5	44	0	9	1014.8	+0.1	NNE	3	23.7	30	0	21	+3	73	−2	0	8	—	0	0	0	—
155	ASYŪT	1012.4	NNW	3	30.0	33	0	8	1014.3	+0.3	NW	3	23.5	31	0	22	+3	63	−3	0	8	—	0	0	0	0
156	QENA	1009.9	W	2	33.4	40	2	8	1012.4	0.0	W	1	26.0	34	−2	21	+2	62	+7	0	7	—	0	0	0	—
157	LUXOR	1008.4	E	1	35.2	50	2	8	1012.2	—	E	1	26.2	36	—	20	—	65	—	0	8	—	0	0	0	—
158	ASWÂN	1009.4	N	4	37.7	29	0	8	1011.5	−0.6	N	3	27.0	38	0	23	+1	49	+10	0	8	—	0	0	0	—
	WESTERN DESERT																									
148	SÎWA	—	NW	2	30.5	65	0	6	1017.5	+2.2	—	0	22.0	—	—	18	+2	87	+25	0	6	—	0	0	0	0
149	BAHARÎYA	1014.2	N	3	29.3	40	0	9	1016.8	—	ENE	1	22.4	31	—	18	—	79	—	0	9	—	0	0	0	—
151	KHÂRGA	1012.6	N	3	32.7	47	0	9	1014.8	+1.3	N	4	24.2	33	−2	21	+2	68	+16	0	9	—	0	0	0	dr
152	DÂKHLA	1012.6	NNW	2	31.5	32	0	8	1015.6	+1.2	NNW	3	24.6	38	+4	21	+3	60	+16	0	8	—	0	0	0	—
	RED SEA																									
145	TÔR	1010.3	NW	5	27.9	84	0	5	1011.8	−0.6	NW	3	27.0	29	−1	18	−2	66	−4	0	6	—	0	0	0	0
146	HURGHÂDA								1013.3	+0.8	NNW	4	27.0	31	0	20	−1	59	+4	0	5	—	0	0	0	0
147	QUSEIR	1011.4	N	4	30.1	59	0	6	1012.2	0.0	N	4	29.0	32	+1	24	0	45	−3	0	6	—	0	0	0	0
149	PORT SUDAN								1009.5	−1.3	N	2	31.5	—	—	27	+2	74	+14	2	—	—	0	0	0	2
	NORTH SUDAN																									
165	WÂDI HALFA								1012.1	−0.3	N	4	26.1	38	+1	23	+3	36	+1	0	8	Ac	0	—	—	—
166	KAREIMA								1008.3	−1.9	N	2	31.8	43	+2	28	+4	19	−10	2	8	Ac	0	0	0	0
167	'ATBARA								1008.4	−0.9	WSW	2	38.3	40	0	26	+2	37	+13	0	—	—	0	0	0	0
168	KHARTŪM								1007.5	−1.4	SSW	3	31.8	40	0	28	+4	43	+4	2	8	Ac	0	0	0	1
170	KASSALA								1010.0	−0.1	SE	1	27.6	39	+1	23	0	63	+17	0	8	Ac	0	0	0	2
	CENTRAL SUDAN																									
171	WAD MEDANI								1008.4	−1.2	WSW	1	30.3	37	−1	23	+1	51	−5	0	—	—	0	dr	dr	2
173	DUEIM								1008.3	−1.3	S	3	31.3	39	+1	24	+2	54	+1	0	—	—	0	0	0	2
	RENK								—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
172	ROSEIRES								1009.5	−1.1	SSW	2	27.3	35	0	22	+2	67	−6	1	—	—	0	0	5	5
174	EL OBEID								1007.4	−1.2	W	3	27.5	37	+1	22	+1	60	+7	2	8	Ac Cu	0	0	4	3
175	EL FÂSHER								—	—	N	2	24.5	38	+2	21	+2	72	+31	0	—	—	0	4	4	1
	S. SUDAN																									
176	MALAKÂL								1010.0	−1.2	N	2	25.7	34	0	24	+2	84	+6	4	8	Ac	2	0	3	13
177	WAU								1010.4	−0.2	NW	1	24.8	35	+1	22	+2	85	+4	3	—	—	2	8	33	20
178	JUBA								1012.7	+1.1	S	3	25.4	35	+1	21	+1	84	+4	4	8	Ac Cs	1	0	14	15
179	Gencina								—	—	NE	1	20.1	34	—	18	—	91	—	4	8	Sc	2	0	0	—
180	Gallabat																									

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

Height metres above M.S.L.	Salum 07h00m Dir. E of N.	Kms per hour	Matruh 07h00m Dir. E of N.	Kms per hour	Dinheila 06h45m Dir. E of N.	Kms per hour	Cairo 08h00m Dir. E of N.	Kms per hour	Helwan 08h00m 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	W. 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 07h00m Dir. E of N.	Kms per hour	Malakal 06h00m Dir. E of N.	Kms per hour	Salum 13h00m Dir. E of N.	Kms per hour	Almaza 11h00m Dir. E of N.	Kms per hour
200	340	19	10	22	10	22	20	18	350	11	—	—	—	—	10	31	—	—	—	—	—	—	—	—	—	—	20	27	300	9
500	20	20	10	25	20	22	20	28	30	28	10	39	0	37	20	56	40	34	230	27	—	—	—	—	0	14	—	—	330	8
1000	50	19	20	24	40	23	40	35	40	42	0	39	10	19	20	47	60	43	250	24	180	8	260	26	300	11	330	19	Cnt. Cu.	
1500	70	22	Cnt. Cu.		70	27	50	36	40	48	0	27	210	2	70	24	40	11	270	11	—	0	310	11	280	10	330	35		
2000	80	14			30	37			40	40	330	12	170	13	130	10	30	11	80	6	60	21			190	5	320	20		
3000	30	34															20	8	60	31	30	24			100	14				
4000																					30	19								
5000																														
6000																														

Forecast for 24 hours from noon on 6th

Moderate north to northeast winds, fresh at times.
Some low cloud.
Little change in temperature.

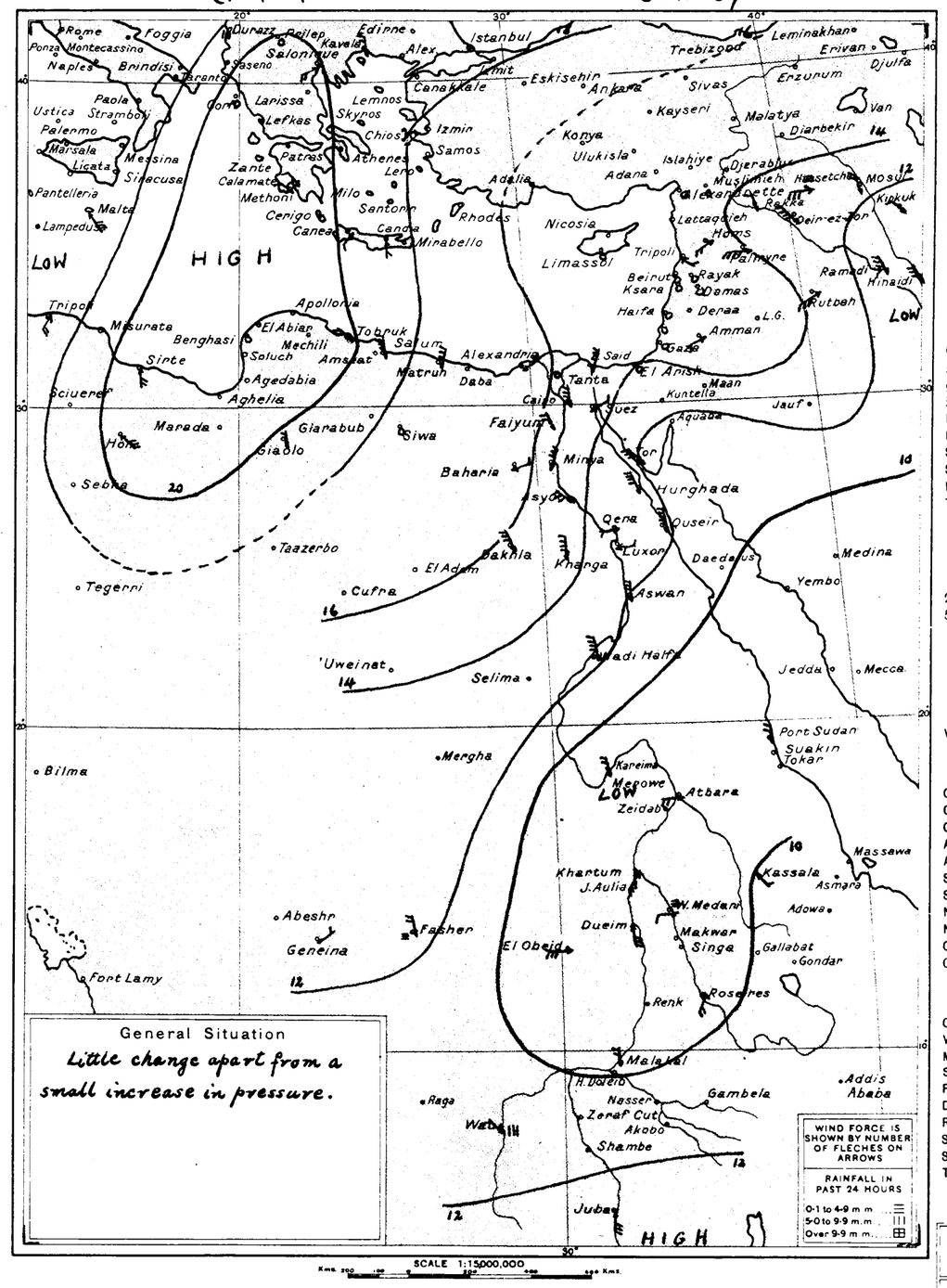
تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ٦
رياح معتدلة مابين الشمال والشمال الشرقى تشتد احيانا.
يظهر بعض السحاب المنخفض.
ودرجة الحرارة كما هى

STATION	Mean of day HUMIDITY % on 5th	Diff. from normal	WET BULB TEMP. °C on 5th	Diff. from normal	Previous day Reading	Previous day Diff. from normal
Alexandria	71	+3	21.6	+1.8		
Ezbekiya	69	+4	21.6	+1.4		
Giza	65	−2	21.2	+1.1		
Helwân	60	+6	19.8	+2.0		
Giza Grass minimum on 6th			15.6	°C		

Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
6-10	7281	7134
5-10	7454	7294

GAUGE	Date 1937	Reading m.	Diff. from normal m.
Jûba	5-10	13.59	−0.15
Nâsser	5-10	10.60	+0.14
Malakâl	6-10	12.35	+0.11
Roseires	6-10	16.20	−0.77
Sennâr Res.	5-10	17.21	—
Khartûm	5-10	14.21	−0.58
Kh. el Girba	5-10	11.94	−0.19
'Atbara	6-10	13.51	−0.32
Kajnarti	5-10	140.85	+0.48
Wâdi Halfa	6-10	7.17	+0.37
Aswân Res.	6-10	97.00	—
" D.S.	6-10	91.59	+0.31
El Leisi	6-10	22.46	+0.10
Rôda (Cairo)	6-10	18.44	+0.04



General Situation

Little change apart from a small increase in pressure.

STATION	At 8 h. on 5th — 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.m.	RAINFALL Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1013	−1	NW	1	25	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.8	−1.2	WNW	1	26.5	33	+3	19	0	64	−1	2	—	—	—	27	27	2	حيفا
Gaza	1012.8	−0.3	—	0	25.2	32	+3	20	+2	70	+2	0	9	—	0	0	0	1	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 Leisi River Gauge Reading for 27.9-37 published on 27 & 28.9.37 should read 22.62 instead of 22.65 metres.

ANNUAL SUBSCRIPTION

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

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CAIRO

Time of sunrise h. 05 m. 52

sunset h. 17 m. 34

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

DAILY WEATHER REPORT

Month *October* 1937 ١٩٣٧ شهر اكتوبر

٢٧-١٠-٧ Pressure and Wind at 8 h. *7-10-37.*

At 14h. on 6th — 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	1019.2	NNE	5	24.4	63	0	8
131	MATRŪH	1016.7	N	3	25.7	80	0	6
150	DIKHEILA	1016.5	N	2	26.7	70	0	8
132	ALEXANDRIA	1015.6	NE	3	28.4	65	1	9
159	DAMIETTA							
134	PORT SAÏD	1014.3	NNW	3	29.6	55	0	6
135	EL 'ARÎSH	1013.5	NNW	2	28.2	70	0	7
	LOWER EGYPT							
136	DAMANHŪR							
137	MANSŪRA							
138	TANTA	1014.3	N	2	31.5	36	2	8
[illegible]	ZAGAZĪG	1014.4	NNW	1	30.3	42	2	8
	MIDDLE EGYPT							
	CAIRO: ALMĀZA	1013.5	NNW	3	29.6	40	2	8
	CAIRO: EZBEKĪYA	1013.4	NE	3	32.0	43	1	8
	CAIRO: GĪZA	1013.4	N	2	30.8	40	3	8
143	HELWĀN	1012.7	NNW	5	30.1	36	2	8
144	SUEZ	1013.1	N	3	31.2	44	2	7
	UPPER EGYPT							
153	FAIYŪM	1013.1	N	3	30.3	41	2	6
154	MINYA	1012.4	NNW	3	30.0	46	0	9
155	ASYŪT	1011.5	NNW	3	30.1	36	0	8
156	QENA	1009.9	W	1	33.0	36	0	8
157	LUXOR	1009.4	E	1	35.2	32	0	8
158	ASWĀN	1007.5	N	4	36.7	28	0	8
	WESTERN DESERT							
148	SĪWA	1015.5	—	0	32.1	59	0	6
149	BAHARĪYA	1013.9	NE	1	31.0	41	1	9
151	KHĀRGA	1012.2	NNW	4	32.2	48	0	9
152	DĀKHLA	1012.6	N	2	30.9	32	0	8
	RED SEA							
145	TŌR	1009.8	NW	6	28.0	85	0	5
146	HURGHĀDA							
147	QUSEIR	1011.4	N	5	29.9	54	0	6
169	PORT SUDAN							
	NORTH SUDAN							
165	WĀDI HALFA							
166	KAREIMA							
167	'ATBARA							
168	KHARTŪM							
170	KASSALA							
	CENTRAL SUDAN							
171	WAD MEDANI							
173	DUEIM							
	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FĀSHER							
	S. SUDAN							
176	MALAKĀL							
177	WĀU							
178	JŪBA							
179	Geneina							
180	Gallabat							

At 8h. on Thursday 7th — الساعة ٨ يوم الخميس

	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	1018.6	+2.3	NW	1	19.7	25	—	16	—	84	—	0	7	—	0	0	dr	—
131	MATRŪH	1016.7	+0.8	WSW	1	22.8	26	-1	19	0	61	+8	0	6	—	0	0	0	4
150	DIKHEILA	1016.4	—	NNE	2	25.6	27	—	24	—	70	—	0	7	Cu	0	0	0	—
132	ALEXANDRIA	1014.7	-1.3	N	1	28.9	31	+2	24	+3	64	-6	1	9	Cu	2	0	0	1
159	DAMIETTA	1015.5	—	NE	2	28.2	31	—	22	—	64	—	0	8	—	0	0	0	1
134	PORT SAÏD	1015.0	+1.1	NE	3	28.4	31	+2	24	+3	55	-14	1	7	Cu	1	0	0	1
135	EL 'ARÎSH	1014.2	—	—	0	25.0	31	—	20	—	70	—	0	7	—	0	0	0	Tr
	LOWER EGYPT																		
136	DAMANHŪR	1016.2	+0.7	NNE	2	25.5	31	0	18	+1	73	-10	0	7	—	0	0	0	1
137	MANSŪRA	1015.1	—	SE	1	23.0	31	-1	20	+2	84	+8	1	7	Cu	1	0	0	0
138	TANTA	1015.9	0.0	—	0	23.1	32	0	16	-1	86	+9	0	8	—	0	0	0	0
[illegible]	ZAGAZĪG	1016.2	—	NNW	1	25.0	30	-1	18	+1	81	+2	0	8	—	0	0	0	0
	MIDDLE EGYPT																		
	CAIRO: ALMĀZA	1015.9	—	NE	2	21.9	31	—	16	—	82	—	2	7	Sc	1	0	0	—
	CAIRO: EZBEKĪYA	1015.4	+0.4	N	2	21.9	32	+1	19	+1	87	+9	0	5	Cu	1	0	0	0
	CAIRO: GĪZA	1015.6	+0.6	N	1	21.5	32	+2	17	+1	87	+6	2	5	Sc	1	0	0	0
143	HELWĀN	1014.8	-0.5	NNE	4	23.0	31	+1	20	+2	78	+12	0	6	Sc	0	0	0	0
144	SUEZ	1014.8	+0.4	NNW	3	24.8	32	0	22	+2	71	-6	0	7	—	0	0	0	1
	UPPER EGYPT																		
153	FAIYŪM	1014.8	0.0	NNE	2	23.1	32	0	18	0	78	+5	0	7	—	0	0	0	0
154	MINYA	1013.8	-1.0	N	3	22.5	30	0	20	+2	78	+3	0	7	—	0	0	0	—
155	ASYŪT	1013.1	-1.0	SW	3	23.8	32	+1	21	+2	61	-5	0	8	—	0	0	0	0
156	QENA	1011.9	-0.6	N	1	26.0	34	-2	20	+1	62	+7	0	7	—	0	0	0	—
157	LUXOR	1011.5	—	W	1	26.1	36	—	19	—	68	—	0	8	—	0	0	0	—
158	ASWĀN	1010.7	-1.5	N	3	26.1	38	0	24	+2	49	+10	0	8	—	0	0	0	—
	WESTERN DESERT																		
148	SĪWA	1018.6	+3.2	—	0	23.4	32	-1	17	+1	78	+16	0	6	—	0	0	0	0
149	BAHARĪYA	1016.3	—	NE	2	22.4	32	—	19	—	83	—	0	9	—	0	0	0	—
151	KHĀRGA	1014.3	+0.7	N	4	24.3	32	-3	21	+2	69	+17	0	9	—	0	0	0	dr
152	DĀKHLA	1014.3	-0.1	NNE	3	26.5	33	-1	22	+4	35	-9	0	7	—	0	0	0	—
	RED SEA																		
145	TŌR	1011.0	-1.5	NW	1	27.8	29	-1	19	-1	61	-9	0	6	—	0	0	0	0
146	HURGHĀDA	1012.8	+0.2	NNW	5	26.8	30	-1	21	0	65	+10	0	5	—	1	0	0	0
147	QUSEIR	1012.0	-0.3	NW	3	28.4	31	0	24	0	56	+4	0	6	—	0	0	0	0
169	PORT SUDAN	1008.8	-2.1	NW	2	30.9	—	—	27	+2	72	+11	1	—	—	0	0	0	2
	NORTH SUDAN																		
165	WĀDI HALFA	1011.1	-1.3	N	4	25.6	36	-1	23	+3	38	+3	2	8	Ac	0	—	—	—
166	KAREIMA	1007.5	-2.8	N	3	29.7	42	+1	26	+2	17	-12	2	8	Ac	0	0	0	0
167	'ATBARA	1007.2	-2.1	SSW	2	33.5	41	+1	27	+3	27	+3	0	—	—	0	0	0	0
168	KHARTŪM	1006.6	-2.3	WNW	3	32.7	42	+2	27	+3	25	-13	0	8	—	0	0	0	1
170	KASSALA	1008.2	-1.9	S	3	29.5	39	+1	25	+2	64	+18	2	8	Ci	0	0	0	2
	CENTRAL SUDAN																		
171	WAD MEDANI	1007.0	-2.5	SSW	2	29.6	39	0	23	+1	55	-1	2	—	—	0	0	dr	2
173	DUEIM	1008.2	-1.4	W	3	29.4	39	+1	25	+3	57	+5	1	—	—	0	0	0	2
	RENK																		
172	ROSEIRES	1009.4	-1.2	SSW	2	25.4	36	+1	20	0	79	+6	2	—	—	1	0	5	6
174	EL OBEID	1009.2	-1.9	SW	3	26.0	37	+1	24	+3	69	+16	3	8	As,Cu	0	0	4	4
175	EL FĀSHER	—	—	E	1	22.5	39	+3	19	0	70	+29	0	—	—	0	0	4	2
	S. SUDAN																		
176	MALAKĀL	1009.9	-1.3	S	3	26.1	34	0	23	+1	64	+6	3	8	Fn	1	dr	3	15
177	WĀU	1009.9	-0.6	W	2	24.0	34	0	21	+1	83	+2	2	—	—	2	38	71	25
178	JŪBA	1013.3	+1.7	SSE	2	23.0	36	+2	19	-1	83	+3	4	8	Sc	1	2	16	18
179	Geneina	—	—	N	1	18.8	34	—	15	—	72	—	0	8	—	0	0	0	—
180	Gallabat																		

Upper Wind Observations on 7th — ارصاد الرياح العليا يوم

Height 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. 15 m. Dir. E of N.	Kms per hour	Cairo 08 h. 00 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	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	Malakal 06 h. 00 m. Dir. E of N.	Kms per hour	Salum 6h 13 h. 00 m. Dir. E of N.	Kms per hour	Almaza 6h 11 h. 30 m. Dir. E of N.	Kms per hour
200	30	7	350	12	20	18	20	16	20	23	—	—	—	—	10	24	—	—	—	—	—	—	—	—	—	—	0	30	30	24
500	20	14	0	15	20	19	40	32	40	25	20	26	30	23	30	40	30	34	240	23	—	—	—	—	250	21	—	—	20	29
1000	20	13	40	21	40	18			60	35	10	32	50	16	30	23	70	31	280	14	190	39	240	21	260	18	30	11	30	38
1500	50	32	40	15	20	19			50	40	20	19	140	7	60	24	50	14	250	13	260	13	280	6	270	2	350	10	40	32
2000	60	42	50	39	30	23			Ent. Cu		310	2	160	11	40	16	80	8	80	6	90	14	30	14	90	11	60	10	40	33
3000	50	48	70	33									230	20	210	11					20	18	70	21					30	24
4000															200	18							90	34						
5000															240	27														
6000																														

Forecast for 24 hours from noon on 7th

North to northeast winds, light to moderate on the coast, moderate to fresh inland.

Some low cloud.

Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر
رياح بين شمالية وشمالية شرقية وبين الخفيفة والمعتدلة على الساحل
ومعتدلة الى شديدة نوعا في الداخل .
يظهر بعض السحاب المنخفض
ولا تتغير درجة الحرارة الا قليلا

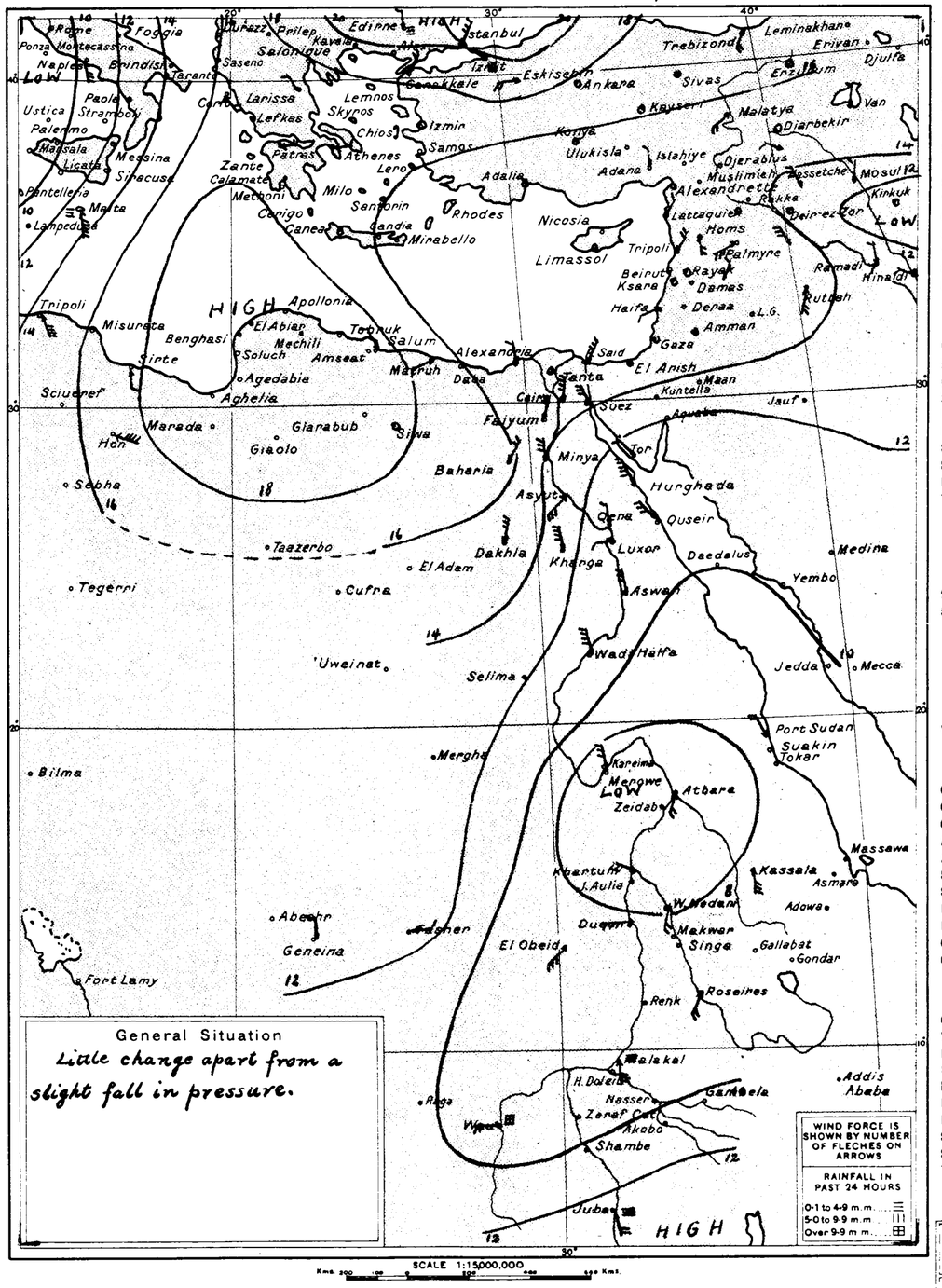
STATION	Mean of day HUMIDITY % on 6th	Diff. from normal	WET BULB TEMP. °C on 6th	Diff. from normal
Alexandria	70	+2	22.8	+3.0
Ezbekiya	68	+3	21.1	+0.9
Gīza	64	-3	20.6	+0.5
Helwān	57	+3	19.7	+2.0

Gīza Grass minimum on 7th 14.8 °C

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

DATE	1937	1936
7-10	7051	6939
6-10	7281	7134

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	6-10	13.60	-0.14	13.59	-0.15
Nāsser	6-10	10.60	+0.42	10.66	+0.14
Malakāl	7-10	12.36	+0.11	12.35	+0.11
Roseires	7-10	16.13	+0.72	16.20	+0.77
Sennār Res.	6-10	17.21	—	17.21	—
Khartūm	6-10	14.06	-0.66	14.21	-0.58
Kh. el Girba	6-10	12.40	+0.33	11.94	-0.13
'Atbara	7-10	13.36	-0.34	13.51	-0.32
Kajnarti	7-10	40.36	+0.14	+0.60	+0.30
Wādi Halfa	7-10	7.00	+0.25	7.17	+0.37
Aswān Res.	7-10	77.03	—	77.00	—
" D. S.	7-10	41.47	+0.22	41.39	+0.31
El Leisi	7-10	21.42	+0.08	[illegible]	+0.10
Rōda (Cairo)	7-10	18.38	+0.01	18.[illegible]	+0.04



At 8h. on 6th — الساعة ٨ يوم ٦

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
Limassol	1015	+1	—	0	27	—	—	—	—	73	-2	0	—	—	—	—	—	—	ليماسول
Haifa	1014.7	+2.0	—	0	27.7	34	+5	21	+2	63	-2	0	—	—	—	0	27	3	حيفا
Gaza	1013.4	+0.6	—	0	24.4	32	+3	19	+1	73	+5	0	9	—	0	0	0	1	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 5h 52m

sunset 17 32

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1937 ١٩٣٧ شهر اكتوبر ١٩٣٧-١٠-٨ Pressure and Wind at 8 h. 8-10-1937

1417 F.C.

At 14 h. on 7th — الساعة ١٤ يوم ٧

	STATION	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Atmospheric Nature °C	Humidity %	Present Weather	Visibility km.
140	SALÛM (MEDITERRANEAN)	1017.6	NE	4	24.6	79	0	8
141	MATRÛH	1016.3	NNW	2	26.3	73	0	6
150	DIKHEILA	1016.3	NE	3	26.5	67	0	8
132	ALEXANDRIA	1015.6	NNE	3	29.3	63	1	9
159	DAMIETTA							
134	PORT SAÏD	1014.4	NNW	4	30.4	40	0	7
135	EL 'ARÎSH							
136	DAMANHÛR (LOWER EGYPT)							
137	MANSÛRA							
138	TANTA	1014.3	—	0	31.4	34	0	8
	ZAGÂZÎG	1014.3	NNW	2	30.0	42	0	8
	CAIRO (MIDDLE EGYPT) ALMÂZA	1014.3	NNW	3	29.8	38	2	8
	EZBEKÎYA	1013.0	NE	2	32.0	42	1	8
	GÎZA	1013.3	N	3	30.9	42	1	8
143	HELWÂN	1012.3	NNE	4	31.0	29	0	8
144	SUEZ	1012.6	N	3	33.0	31	0	7
153	FAIYÛM (UPPER EGYPT)	1013.3	N	2	31.0	46	0	7
154	MINYA	1011.6	N	4	30.4	43	0	6
155	ASYÛT	1010.8	W	3	31.6	32	0	8
156	QENA	1009.8	W	1	33.0	38	0	8
157	LUXOR	1008.8	E	1	36.4	52	0	8
158	ASWÂN	1007.1	N	3	37.3	22	0	8
148	SÎWA (WESTERN DESERT)	1015.8	ENE	1	32.0	56	0	6
149	BAHARÎYA	1013.8	N	3	30.5	33	0	9
151	KHÂRGA	1011.5	N	2	32.8	51	0	9
152	DÂKHLA	1011.8	NNW	2	31.6	25	0	7
145	TÛR (RED SEA)	1009.8	NW	5	28.8	83	0	6
146	HURGHÂDA							
147	QUSEIR	1011.4	N	4	30.6	54	0	6
169	PORT SUDAN							
165	WÂDI HALFA (NORTH SUDAN)							
166	KAREIMA							
167	'ATBARA							
168	KHARTÛM							
170	KASSALA							
171	WAD MEDANI (CENTRAL SUDAN)							
173	DUEIM							
	RENK							
172	ROSEIRES							
174	EL OBEID							
175	EL FÂSHER							
176	MALAKÂL (S. SUDAN)							
177	WÂU							
178	JÛBA							
179	Geneina							
180	Gallabat							

At 8 h. on Friday 8th — الساعة ٨ يوم الجمعة 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 Today °C	Minimum Diff. from norm. °C	Humidity %	Humidity Diff. from norm. %	Present Weather	Visibility km.	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.
140	SALÛM	1018.2	+1.8	ENE	1	23.8	25	—	16	—	—	81	—	2	6	Cu	1	0	dr.	—
141	MATRÛH	1016.6	+0.7	E	1	25.0	27	0	22	+3	1	79	+5	0	6	—	0	0	0	5
150	DIKHEILA	1016.3	—	NE	2	25.9	27	—	22	—	—	70	—	0	7	Cu	1	0	0	—
132	ALEXANDRIA	1015.5	-0.5	ENE	4	28.3	31	+2	23	+2	1	65	-5	0	9	—	0	0	0	1
159	DAMIETTA	1014.6	—	N	3	28.0	31	—	23	—	—	70	—	0	8	—	0	0	0	2
134	PORT SAÏD	1014.4	+0.4	NNE	5	28.4	32	+3	25	+4	1	70	+1	0	7	—	0	0	0	1
135	EL 'ARÎSH	1013.6	—	—	0	30.0	30	—	23	—	—	69	—	0	7	—	0	0	0	1
136	DAMANHÛR	1015.5	-0.1	NNE	3	25.7	31	0	19	+2	1	73	-10	0	8	—	0	0	0	1
137	MANSÛRA	1014.7	—	NNE	2	25.1	31	-1	21	+3	1	77	+1	0	8	—	0	0	0	0
138	TANTA	1015.1	-0.9	N	4	25.5	32	0	17	0	1	73	-4	0	8	—	0	0	0	0
	ZAGÂZÎG	1015.0	—	NNW	1	26.4	30	-1	18	+1	1	73	-6	0	8	—	0	0	0	0
	CAIRO ALMÂZA	1014.8	—	NNE	3	23.1	31	—	16	—	—	75	—	1	7	Sc	1	0	0	—
	EZBEKÎYA	1014.3	-0.8	NNE	2	23.8	32	+1	19	+1	1	88	+10	0	5	—	0	0	0	0
	GÎZA	1014.2	-0.9	NNW	1	23.2	31	+1	16	0	1	81	-1	0	5	Cu	1	0	0	0
143	HELWÂN	1013.6	-1.8	NW	3	23.8	32	+2	19	+1	1	77	+11	0	6	Cu	0	0	0	0
144	SUEZ	1014.2	-0.3	N	3	26.0	33	+1	23	+3	1	73	-4	0	7	—	0	0	0	1
153	FAIYÛM	1012.6	-2.2	NNE	3	26.1	31	0	19	+2	1	74	+1	0	7	—	0	0	0	0
154	MINYA	1011.6	-1.5	NNW	3	23.0	31	+1	19	+1	1	73	-2	0	8	—	0	0	0	—
155	ASYÛT	1010.0	-1.2	WSW	3	22.8	34	+3	19	0	1	65	-1	0	7	—	0	0	0	0
156	QENA	1011.8	-0.9	WNW	1	26.0	35	-1	21	+2	1	64	+9	0	7	—	0	0	0	—
157	LUXOR	1011.2	—	ESE	1	27.4	37	—	20	—	1	67	—	1	8	Cu	1	0	0	—
158	ASWÂN	1011.1	-1.2	NNE	2	27.0	39	+1	24	+2	1	39	-1	3	8	Ac.	2	0	0	—
148	SÎWA	1016.3	+0.8	—	0	22.4	33	0	15	-1	1	82	+20	0	6	—	0	0	0	0
149	BAHARÎYA	1015.4	—	N	2	23.2	31	—	18	—	—	75	—	0	9	—	0	0	0	—
151	KHÂRGA	1013.8	+0.2	NNW	2	23.5	33	-2	19	0	1	69	+17	0	9	—	0	0	0	dr
152	DÂKHLA	1013.9	-0.6	SSE	1	25.8	32	-2	20	+2	1	46	+1	0	8	—	0	0	0	—
145	TÛR	1011.6	-1.1	N	1	26.0	30	0	18	-1	1	73	+4	0	6	—	0	0	0	0
146	HURGHÂDA	1012.0	-0.7	NW	3	27.2	31	0	21	+1	1	63	+8	0	6	—	0	0	0	0
147	QUSEIR	1011.6	-0.8	N	2	30.5	33	+2	24	0	1	74	+27	0	6	—	0	0	0	0
169	PORT SUDAN	1009.5	-1.5	NW	1	31.2	—	—	27	+2	1	73	+12	0	—	—	0	0	0	2
165	WÂDI HALFA	1010.5	-2.0	NNE	3	25.9	38	+1	23	+3	1	42	+7	0	8	—	0	—	—	—
166	KAREIMA	1007.8	-2.6	NE	1	30.3	43	+2	26	+2	1	30	+1	0	8	—	0	0	0	0
167	'ATBARA	1007.9	-1.5	SE	2	33.8	42	+2	27	+3	1	27	+3	0	—	—	0	0	0	0
168	KHARTÛM	1007.5	-1.4	SE	3	30.8	42	+2	27	+3	1	48	+10	0	8	—	0	0	0	1
170	KASSALA	1008.2	-1.8	S	2	29.8	39	+1	25	+2	1	59	+14	0	8	Ci	0	dr	dr.	2
171	WAD MEDANI	1009.0	-0.5	SSE	2	27.2	38	+1	22	0	1	67	+12	0	—	—	0	0	dr.	3
173	DUEIM	1007.8	-1.7	NW	3	29.8	40	+2	23	+1	1	57	+5	0	—	—	0	0	0	3
	RENK																			
172	ROSEIRES	1007.8	-2.8	WSW	2	28.6	36	+1	22	+2	1	65	-7	0	—	—	0	0	5	7
174	EL OBEID	1009.1	-2.0	SW	3	26.0	37	+1	23	+2	1	69	+17	2	8	Ac.	1	0	4	4
175	EL FÂSHER	—	—	N	1	24.5	38	+2	20	+2	1	57	+17	0	—	—	0	0	4	2
176	MALAKÂL	1008.6	-2.6	ESE	2	25.5	31	-3	23	+1	1	92	+15	3	8	Sc.	8	dr	3	18
177	WÂU	1009.9	-0.6	SW	2	24.5	33	-1	23	+3	1	83	+3	4	—	—	1	0	71	29
178	JÛBA	1006.8	-0.8	—	0	26.0	33	-1	21	+1	1	76	-4	1	9	Cu Sc	0	0	16	21
179	Geneina	—	—	E	3	19.0	33	—	14	—	1	63	—	0	8	Ac.	0	0	0	—
180	Gallabat																			

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

Height metres above M.S.L.	Dikheila 7h 00m Dir. E of N.	Kms per hour	W. Halfa 6h 00m Dir. E of N.	Kms per hour	Kareima 6h 00m Dir. E of N.	Kms per hour	Khartum 5h 00m Dir. E of N.	Kms per hour	Kassala 7h 00m Dir. E of N.	Kms per hour	El Obeid 6h 00m Dir. E of N.	Kms per hour	Malakal 6h 00m Dir. E of N.	Kms per hour	Juba 8h 00m Dir. E of N.	Kms per hour	Geneina 7h 00m Dir. E of N.	Kms per hour	Ammer 7h 00m Dir. E of N.	Kms per hour	Salum 13h 00m Dir. E of N.	Kms per hour	Almaza 11h 30m 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	40	31	10	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50	16	—	—						
	40	23	20	40	70	30	270	21	—	—	—	—	90	8	—	—	—	—	—	—	310	8	40	12						
	80	34	70	26	110	32	310	40	210	24	270	31	80	6	120	14	0	34	90	27	340	7	Ent	Cu						
	100	35	100	27	60	37	280	8	260	8	310	26	80	14	90	19	60	61	90	39	70	27								
2000	120	31	130	19	70	24	270	8	90	23	10	24	80	18	60	14	80	39	90	34										
3000			150	5	60	14					50	24	80	26	190	31	0	34												
4000											80	37	80	32			0	19												
5000											130	14																		
6000																														

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من الظهر

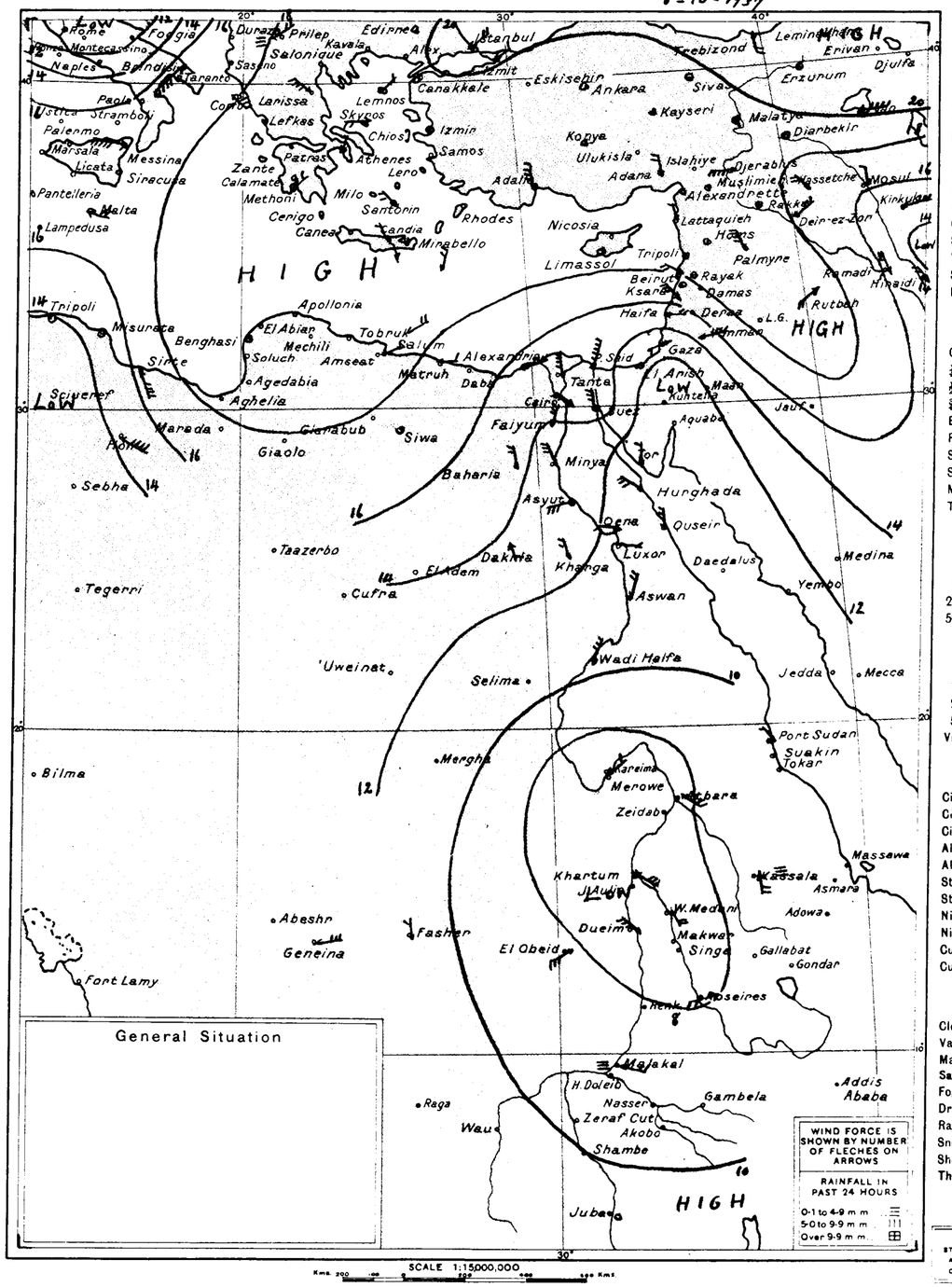
STATION	Mean of day: Humidity % on 7th	Diff. from normal	Wet Bulb Temp. °C on 7th	Diff. from normal
Alexandria	67	-1	23.0	+3.3
Ezbekiya	64	-1	20.5	+0.4
Giza	61	-6	20.0	0.0
Helwân	50	-4	18.6	+0.9

Giza Grass minimum on 8th 14.6 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
8.10	6663	6848
7.10	7051	6939

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	8.10	13.58	-0.16	13.64	-0.10
Nâsser	8.10	10.61	+0.11	10.61	+0.12
Malakâl	8.10	12.96	+0.11	12.96	+0.11
Roseires	8.10	16.20	-0.57	16.13	-0.32
Sennâr Res.	8.10	1721	—	1718	—
Khartûm	8.10	13.79	-0.82	13.93	-0.73
Kh. el Girba	8.10	12.30	+0.34	12.30	+0.30
'Atbara	8.10	13.20	-0.50	13.36	-0.39
Kajnarti	8.10	140.18	+0.06	140.36	+0.14
Wâdi Halfa	8.10	6.86	+0.18	7.00	+0.35
Aswân Res.	8.10	97.00	—	97.00	
" D.S.	8.10	91.32	+0.12	91.47	+0.22
El Leisi	8.10	22.37	+0.03	22.42	+0.08
Roda (Cairo)	8.10	18.33	-0.06	18.38	-0.01



STATION	At 8 h. on 7th — الساعة ٨ يوم ٧ 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 %	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	1015	+1	—	0	26	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.8	+2.0	WSW	1	27.6	34	+5	22	+4	62	-3	0	—	—	—	0	27	3	حيفا
Gaza	1013.8	+0.4	—	0	23.5	32	+3	18	0	78	+10	0	9	—	0	0	0	2	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 5 h 33 m

sunset 17 h 31 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month October 1937 — شهر اكتوبر ١٩٣٧

١٩٣٧-١٠-٩ Pressure and Wind at 8 h. 9-10-1937

1417 F.C.

	STATION	At 14 h. on 8th (الساعة ١٤ يوم ٨) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8 h. on Saturday 9th (الساعة ٨ يوم السبت ٩) 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	Total fr. Oct 1 to yesterday m	Normal fr. Oct 1 to yesterday m
	MEDITERRANEAN																									
	SALÛM								1016.8	+0.3	—	0	24.1	26	—	18	—	83	—	1	6	Cu	1	0	dr	—
	MATRÛH	1015.5	NNE	2	26.3	82	0	6	1014.7	-1.3	WSW	1	24.0	27	0	21	+3	85	+11	1	6	Sc	1	0	0	5
130	DIKHEILA	1016.7	NE	3	27.2	71	0	8	1013.1	—	N	3	26.7	28	—	25	—	80	—	2	7	Ac	1	0	0	—
132	ALEXANDRIA	1014.3	ENE	5	—	64	0	9	1013.8	-2.3	ENE	1	29.5	32	+3	24	+4	70	0	3	9	Cc	2	0	0	2
159	DAMIETTA								1012.7	—	E	2	28.9	31	—	23	—	77	—	1	8	Cs	1	0	0	2
134	PORT SAÏD	1012.8	NNE	5	30.4	63	0	7	1012.0	-2.1	NNE	2	28.6	32	+3	25	+4	80	+11	1	7	Cs	1	0	0	1
135	EL ARÎSH	1012.4	NNE	3	31.0	59	0	7	1012.0	—	SSE	1	29.0	33	—	20	—	47	—	0	7	—	0	0	0	1
136	DAMANHÛR								1013.8	-1.9	NW	1	26.3	31	0	20	+3	83	0	2	7	Cc	4	0	0	1
137	MANSÛRA								1012.0	—	SE	1	25.0	32	+1	22	+4	87	+11	1	7	Cs	1	0	0	0
138	TANTA	1012.7	N	2	32.0	44	0	7	1013.1	-3.0	—	0	23.3	33	+2	20	+3	94	+17	4	6	St	2	0	0	0
	ZAGÂZÎG																									
	MIDDLE EGYPT — CAIRO: ALMÂZA	1012.7	NW	3	32.6	33	1	8	1013.6	—	—	0	22.6	33	—	18	—	95	—	8	3	St	5	dr	dr	—
	CAIRO: EZBEKÎYA	1011.4	N	2	33.7	50	0	8	1013.0	-2.2	W	2	23.3	35	+4	22	+4	92	+14	4	5	St	5	dr	dr	1
	CAIRO: GÎZA	1011.5	N	2	32.9	49	0	7	1013.1	-2.1	—	0	23.3	34	+4	20	+4	91	+9	8	4	St	5	dr	dr	1
143	HELWÂN	1010.7	NNE	2	33.8	27	0	8	1013.0	-2.5	ESE	1	20.8	36	+6	18	0	92	+26	3	4	Sc	1	0	0	0
144	SUEZ	1012.0	—	0	34.0	43	0	7	1013.9	-0.7	N	2	25.0	36	+5	20	0	61	-16	0	7	—	0	0	0	1
153	FAYÛM	1011.1	N	2	34.6	37	0	7	1013.5	-1.4	NNW	2	25.2	37	+6	20	+3	71	-2	2	6	Cu	0	0	0	0
154	MINYA	1011.5	N	2	32.0	35	0	7	1013.0	-2.1	NNW	2	23.6	33	+3	19	+1	83	+8	0	9	—	0	0	0	—
155	ASYÛT	1011.0	SW	3	31.2	41	0	8	1012.6	-1.6	WSW	2	25.0	32	+1	21	+2	60	-6	0	6	—	0	0	0	0
156	QENA	1009.6	W	1	36.0	33	2	8	1011.2	-1.6	W	1	28.2	36	0	23	+4	59	+4	0	7	—	0	0	0	—
157	LUXOR	1008.8	—	0	38.4	44	0	8	1011.0	—	ESE	1	28.0	41	—	21	—	63	—	0	8	—	0	0	0	—
158	ASWÂN	1006.8	—	0	42.7	22	2	8	1010.0	-2.4	NNE	1	29.0	45	+7	25	+3	37	-3	0	8	—	0	0	0	—
148	SÎWA	1015.0	ENE	1	31.0	65	0	6	1015.0	-0.6	—	0	23.6	32	-1	16	0	75	+13	0	6	—	1	0	0	0
149	BAHARÎYA	1013.3	NNE	1	31.3	37	0	9	1014.7		NNE	2	24.2	—	—	—	—	87	—	4	7	Cc	2	0	0	
151	KHARGA	1010.3	N	2	34.3	42	0	9	1013.3	-0.4	N	1	25.2	35	0	20	+1	55	+3	0	9	—	0	0	0	dr
152	DÂKHLA	1011.6	N	2	32.6	31	0	8	1014.6	-0.1	WNW	1	23.0	34	0	18	0	39	-6	0	8	—	0	0	0	—
145	TÛR	1010.4	NW	3	29.8	81	0	6	1011.2	-1.6	NW	1	27.5	32	+3	20	+1	57	-12	0	6	—	0	0	0	0
146	HURGHÂDA								1012.0	-0.9	NNW	3	31.8	32	+1	21	+1	34	-16	0	6	—	0	0	0	0
147	QUSEIR	1010.7	NNE	2	30.7	59	0	6	1011.5	-1.1	W	1	34.0	32	+1	25	+1	23	-24	0	6	—	0	0	0	0
167	PORT SUDAN								1010.8	-0.3	NW	1	31.6	—	—	28	+3	72	+10	2	—	—	0	0	0	3
165	WÂDI HALFA								1011.1	-1.5	N	2	27.0	40	+3	23	+3	31	-4	0	8	—	0	0	—	
166	KAREIMA								1007.7	-2.7	NE	1	31.4	43	+2	26	+2	27	-2	0	8	—	0	0	0	0
167	'ATBARA								1007.9	-1.5	E	2	33.3	41	+1	26	+2	25	+1	0	—	—	0	0	0	0
168	KHARTÛM								1006.7	-2.2	SE	2	30.6	41	+1	26	+2	48	+11	0	8	—	0	0	0	1
170	KASSALA								1005.8	-4.2	SE	2	31.7	39	+1	24	+1	38	-7	0	8	Ac	0	0	dr	3
171	WAD MEDANI								1008.2	-1.3	SSE	2	28.7	38	-1	22	0	57	+3	1	—	—	0	0	dr	3
173	DUEIM								1007.9	-1.6	W	3	30.2	39	+1	24	+2	54	+3	0	—	—	0	dr	0	3
182	RENK																									
172	ROSEIRES								1008.2	-2.3	W	2	26.7	37	+2	20	0	64	-8	0	—	—	1	0	5	8
174	EL OBEID								1008.0	-3.1	SW	3	29.0	37	+1	23	+2	64	+12	2	8	Ac,Cs	1	0	4	5
175	EL FÂSHER								—	—	SW	1	27.0	40	+4	22	+4	56	+17	0	—	—	0	0	4	2
176	MALAKÂL								1009.5	-1.6	SSW	4	27.5	33	-1	23	+2	77	0	3	8	Ac,Cu	1	0	3	21
177	WAU								1009.9	-0.6	SW	1	22.4	33	-1	21	+1	86	+6	3	—	—	2	10	81	33
178	JUBA								1012.0	+0.5	S	4	24.7	36	+2	21	+1	84	+4	3	9	Sc	6	12	28	24
179	Geneina								—	—	NE	3	20.3	35	—	15	—	55	—	0	8	Ac	0	0	0	—
180	Gullabat																									

Upper Wind Observations on — 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	Dikheila 07 h 45 m Dir E of N	Kms per hour	Cairo 08 h 30 m Dir E of N	Kms per hour	Helwan 09 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
200	70	2	20	16	20	15	10	4	240	5	—	—	—	—
500	60	13	20	18	90	11	Ent. St.		150	5	350	24	50	22
1000	80	13	30	16	80	23			190	13	160	19	80	—
1500	Ent. Cu		70	20	110	8			190	41	180	34	90	35
2000					120	11			190	43			80	20
3000									210	49				
4000														
5000														
6000														

Height metres above M.S.L.	W. Halfa 06 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	Malakal 06 h 00 m Dir E of N	Kms per hour	Juba 07 h 00 m Dir E of N	Kms per hour	Geneina 07 h 00 m Dir E of N	Kms per hour	Almaza 11 h 30 m Dir E of N	Kms per hour
200	350	16	—	—	—	—	—	—	—	—	—	—	—	—	30	24
500	60	26	310	14	—	—	—	—	220	24	—	—	—	—	50	25
1000	110	24	180	14	100	34	190	24	230	18	310	31	0	47		
1500	90	27	180	21	100	24	130	16	210	8	290	14	0	72		
2000	90	27	170	21	90	11	90	18	120	6	210	10	60	89		
3000	100	18	150	16			70	39	90	26	190	24				
4000	130	11							70	40						
5000																
6000																

Forecast for 24 hours from noon 9th

On the coast moderate to fresh northeast winds.

Inland variable winds, chiefly northerly.

Remaining warm.

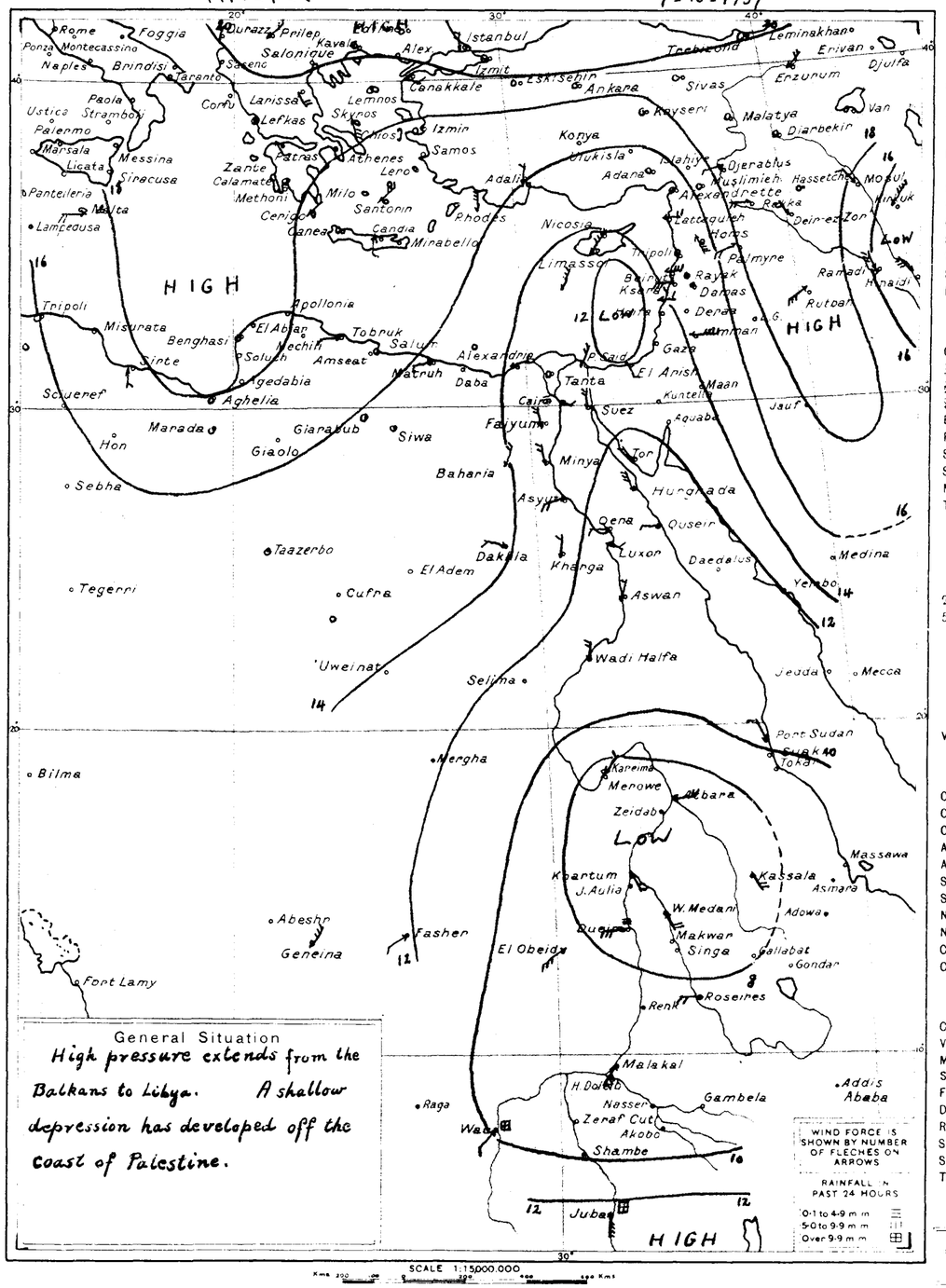
Unsettled conditions in eastern Egypt, possibly with thunderstorms.

STATION	Mean of day Humidity 8th	Diff from normal	Wet Bulb Temp 8th °C	Diff from normal
Alexandria	73	+5	24.4	+4.7
Ezbekiya	75	+10	23.8	+3.8
Giza	67	0	22.9	+3.6
Helwan	56	+2	20.9	+3.3
Giza (Glass minimum on grass)	9th		19.5	°C

Discharges at Aswân measured by sluices in m³ per sec.

DATE	1937	1936
9-10		
8-10		

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jubâ	9-10	13.76	+0.01	13.58	-0.16
Nâsser	8-10	10.61	+0.11	10.61	+0.12
Malakâl	9-10	12.36	+0.10	12.36	+0.11
Roseires	9-10	16.18	-0.47	16.20	-0.57
Sennâr Res.	8-10	17.21	—	17.18	—
Khartûm	8-10	13.79	-0.82	13.93	-0.73
Kh. el Girba	8-10	12.30	+0.34	12.30	-0.32
Atbara	9-10	13.07	-0.55	13.20	-0.50
Kajnarti	8-10	140.18	+0.06	140.36	+0.14
Wâdi Halfa	9-10	6.71	+0.09	6.86	+0.18
Aswân Res.	9-10	97.00	—	97.00	—
D. S.	9-10	91.16	+0.01	91.32	+0.12
El Leisi	9-10	22.30	-0.04	22.37	+0.03
Roda (Cairo)	9-10	18.30	-0.09	18.33	-0.06



General Situation

High pressure extends from the Balkans to Libya. A shallow depression has developed off the coast of Palestine.

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 8th (الساعة ٨ يوم 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	Total fr. Oct 1 to yesterday m	Normal fr. Oct 1 to yesterday m	مرصد
Limassol	1020?	+6	—	0	26	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.4	+2.4	E	2	30.6	34	+5	23	+5	52	-13	0	—	—	—	0	27	4	حيفا
Gaza	1013.5	0.0	SW	1	23.9	32	+3	18	0	78	+10	0	9	—	0	0	0	2	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. 05 54
sunset h. m. 17 30

Month *October* 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٠-١٠-٣٧

1417 F.C.

At 14h. on 9th — الساعة ١٤ يوم ٩ | At 8h. on *Sunday 10th* — الساعة ٨ يوم الاحد ١٠

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.	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 mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm
	MEDITERRANEAN																									
	SALÛM	1015.8	NNE	5	25.1	77	2	8	1015.6	-1.0	W	4	19.4	26	—	17	—	96	—	2	3	Sc	4	0	dr	—
	MATRÛH	1013.8	NNW	3	26.6	83	2	6	1013.1	-2.9	WSW	2	22.6	27	0	20	+2	93	+19	3	6	Sc	1	0	0	6
	DIKHEILA	1014.4	N	3	27.8	73	2	7	1013.5	—	WNW	2	26.0	28	—	23	—	67	—	3	6	Cu	1	0	0	—
132	ALEXANDRIA	1012.4	ENE	3	30.4	66	3	9	1013.0	-3.3	SW	1	26.5	32	+3	24	+4	79	+9	3	9	Cc	2	0	0	2
159	DAMIETTA								1012.6	—	SW	2	26.9	34	—	21	—	84	—	0	6	Cc	1	0	0	2
134	PORT SAÏD	1011.6	NNW	3	30.1	74	1	7	1012.0	-2.1	NW	2	27.6	32	+3	24	+3	82	+13	1	7	Ac	1	0	0	1
135	EL 'ARÎSH	1010.4	NNE	2	33.0	50	0	7	1011.4	—	—	0	30.0	39	—	21	—	65	—	0	7	—	0	0	0	1
	LOWER EGYPT																									
136	DAMANHÛR								1013.3	-2.5	SW	1	24.7	35	+4	20	+3	83	0	3	6	Cu	4	0	0	1
137	MANSÛRA								1012.3	—	NW	1	23.4	35	+4	21	+3	88	+11	3	3	—	0	0	0	0
138	TANTA	1012.4	—	0	33.3	43	0	7	1013.3	-2.9	--	0	23.1	34	+3	20	+3	99	+22	8	4	St	2	0	0	0
	ZAGÂZÎG	1011.8	SW	1	33.6	46	1	8	1013.3	—	SW	1	25.9	34	+3	20	+4	85	+6	1	8	Cc	1	0	0	0
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1011.8	NW	1	34.8	36	2	7	1013.6	—	—	0	23.8	35	—	20	—	88	—	4	4	St	5	dr	dr	—
	CAIRO EZBEKÎYA	1011.1	—	0	35.0	42	3	8	1012.8	-2.5	NNW	1	24.0	36	+6	23	+5	92	+14	4	5	Ns	4	dr	dr	1
	CAIRO GÎZA	1011.1	ENE	1	34.6	49	3	7	1013.0	-2.3	NNW	2	23.6	37	+7	22	+6	91	+9	4	6	St	5	dr	dr	1
143	HELWÂN	1011.2	—	0	34.5	38	3	7	1012.6	-3.0	NNW	2	23.8	36	+6	21	+3	85	+19	1	4	Cu	1	0	0	0
144	SUEZ	1010.8	—	0	37.9	31	2	8	1012.2	-2.5	NNW	2	25.6	39	+8	22	+2	82	+5	1	7	Cs	1	0	0	1
	UPPER EGYPT																									
153	FAIYÛM	1011.1	—	0	34.9	35	3	6	1011.9	-3.1	NNE	4	25.0	38	+7	20	+3	77	+4	0	7	—	0	0	0	0
154	MINYA	1011.6	NNE	2	32.3	44	0	8	1011.9	-3.3	N	3	24.8	33	+3	21	+3	77	+2	1	8	As	1	0	0	—
155	ASYÛT	1011.1	WNW	4	33.2	39	0	8	1011.6	-2.7	WSW	3	26.0	34	+3	22	+3	62	-4	1	6	Cu	1	0	0	0
156	QENA	1008.6	W	1	36.0	47	0	8	1010.8	-2.1	ENE	1	29.8	37	+1	22	+3	41	-14	0	7	—	0	0	0	—
157	LUXOR	1009.1	NNW	3	39.7	40	0	8	1010.4	—	ENE	1	28.3	42	—	21	—	66	—	0	8	—	0	0	0	—
158	ASWÂN	1007.0	S	1	43.5	14	0	8	1010.3	-2.2	NNE	1	29.0	45	+8	24	+3	27	-13	0	8	—	0	0	0	—
	WESTERN DESERT																									
148	SÎWA	1013.9	WNW	1	30.0	61	1	6	1016.0	+0.3	—	0	23.0	34	+1	15	-1	84	+22	0	6	—	0	0	0	0
149	BAHARÎYA	1012.4	N	2	32.6	36	0	9	1014.2		—	0	27.2	33	—	19	—	49	—	0	9	—	0	0	0	—
151	KHARGA	1010.6	N	1	33.6	44	0	9	1012.2	-1.6	N	1	26.3	34	-1	20	+1	55	+3	0	9	—	0	0	0	dr
152	DÂKHLA	1011.1	WNW	1	35.0	30	0	8	1012.3	-2.5	WNW	1	26.0	36	+2	21	+3	45	0	0	8	—	0	0	0	—
	RED SEA																									
145	TOR	1009.8	NW	1	33.2	78	0	6	1010.6	-2.3	—	0	28.2	35	+6	20	+1	56	-13	0	6	—	0	0	0	0
146	HURGHÂDA								1011.8	-1.2	N	2	31.8	38	+7	22	+2	45	-10	0	6	—	0	0	0	0
147	QUSEIR	1011.1	N	2	29.6	63	0	6	1011.9	-0.8	W	1	30.2	39	+8	24	0	29	-18	0	6	—	0	0	0	0
169	PORT SUDAN								1011.4	+0.2	NE	1	32.3	—	—	27	+2	73	+11	3	—	—	1	0	0	3
	NORTH SUDAN																									
165	WADI HALFA								1010.1	-2.6	NW	1	28.0	43	+6	24	+4	30	-5	0	8	—	0	0	0	—
166	KAREIMA								1008.0	-2.5	NE	2	31.8	42	+1	26	+2	28	-1	1	8	Ci	0	0	0	0
167	'ATBARA								1008.8	-0.7	E	2	31.0	41	+1	24	0	22	-2	0	—	—	0	0	0	0
168	KHARTÛM								1007.5	-1.4	S	2	31.1	42	+2	27	+3	48	+11	3	8	Ci	1	0	0	1
170	KASSALA								1008.3	-1.7	S	2	27.9	41	+3	24	+1	63	+18	1	8	Cs	0	0	dr	3
	CENTRAL SUDAN																									
171	WAD MEDANI								1004.8	+0.3	SSE	2	27.1	39	0	22	0	63	+10	1	—	—	0	dr	dr	3
173	DUEIM								1008.6	-0.9	NE	2	28.2	41	+3	24	+2	70	+20	0	—	—	0	0	dr	3
182	RENK																									
172	ROSEIRES								1009.1	-1.4	SSE	2	27.0	37	+2	21	+1	69	-3	1	—	—	1	dr	5	9
174	EL OBEID								1009.2	-1.9	S	4	25.9	36	0	23	+3	69	+18	3	8	Ac	1	0	4	6
175	EL FÂSHER								—	—	SE	2	24.5	40	+4	22	+4	80	+41	0	—	—	0	0	4	2
	S. SUDAN																									
176	MALAKÂL								1010.6	-0.5	S	3	23.8	33	-1	21	0	91	+14	4	8	Fn	2	1	4	23
177	WAU								1010.7	+0.3	S	1	24.2	33	-1	22	+2	88	+8	3	—	—	0	0	81	37
178	JÛBA								1012.3	+0.8	SSE	3	23.0	34	0	21	+1	91	+11	4	8	Cb	6	19	47	27
179	*Geneina*								—	—	E	2	19.0	35	—	16	—	72	—	2	8	Sc, Ci	0	0	0	—
180	*Gallabat*																									

Upper Wind Observations on 10th — ارصاد الرياح العليا يوم ١٠

Height metres above M.S.L.	Matruh 07h 00m Dir. E of N	Matruh Kms per hour	Dikheila 07h 00m Dir.	Dikheila 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 05h 00m Dir.	Khartum Kms	Kassala 06h 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	Salum 13h 00m Dir.	Salum Kms
200	320	17	290	19	320	11	330	18	—	—	—	—	40	11	—	—	—	—	—	—	—	—	—	—	—	—	110	14	20	33
500	350	20	290	19	Ent. Ns		350	18	350	28	120	23	130	29	100	31	220	37	—	—	—	—	190	11	—	—	—	—	—	—
1000	290	16	280	4			200	7	150	22	110	28	140	40	80	48	260	16	190	47	230	37	150	14	190	27	0	32	270	9
[illegible]	330	8	260	20			190	23	150	26	120	29	80	16	40	40	110	5	160	19	270	10	160	18	170	29	60	61	340	8
[illegible]	320	6					190	41	160	31	10	30	70	24	40	42	110	24	150	14	40	21	170	18	160	23	70	60	100	16
[illegible]							190	30	170	26			60	8	0	18	20	5	110	10			130	21	130	11	90	37	100	42
4000																							70	27					170	12
5000																							70	13						
6000																														

Forecast for 24 hours from noon on 10th

West to northwest winds, moderate to fresh on the coast, light to moderate inland.
Occasional medium or low cloud.
Somewhat cooler tomorrow.

تنبؤ ... ساعة من ظهر يوم ١٠

رياح بين غربية وشمالية غربية بين المعتدلة والشديدة نوعا على السواحل وتكون بين خفيفة ومعتدلة في الداخل.
يظهر بعض السحاب المتوسط الارتفاع او المنخفض احيانا.
تنخفض درجة الحرارة قليلا باكر

Mean of day

STATION	Humidity on 9th	Diff. from normal	Wet bulb temp. on 9th	Diff. from normal
Alexandria	77	+9	25.0	+5.3
Ezbekiya	70	+11	23.4	+3.5
Giza	81	+13	23.6	+3.8
Helwan	66	+12	22.0	+4.5

Giza ... 10th 196

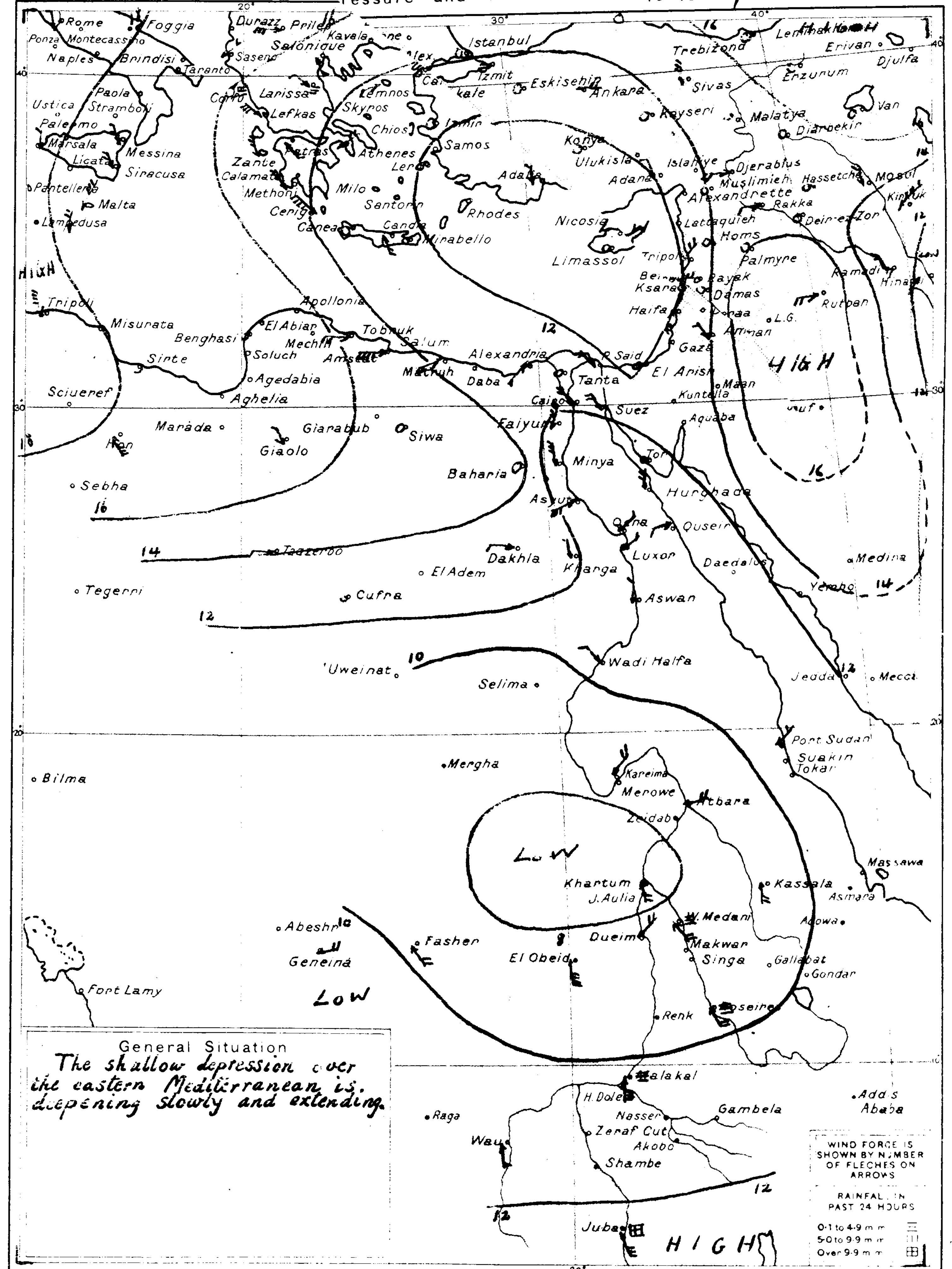
Discharge at Aswan ...

Date	1937	1936
10-10	6179	6614
9-10	6421	6792

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	9-10	13.76	+0.01	13.58	-0.16
Nasser	9-10	10.61	+0.11	10.61	+0.11
Malakâl	10-10	12.37	+0.11	12.36	+0.10
Roseires	10-10	16.06	-0.53	16.18	-0.47
Sennar Res	9-10	17.19	—	17.21	—
Khartûm	9-10	13.65	-0.87	13.79	-0.82
Kashm el Girba	9-10	12.05	+0.18	12.30	+0.34
Atbara	10-10	13.00	-0.55	13.07	-0.53
Kajnarti	9-10	139.99	+0.06	140.18	+0.06
Wadi Halfa	10-10	6.58	+0.03	6.71	+0.04
Aswan Res	10-10	97.00	—	97.00	—
D.S.	10-10	91.01	-0.07	91.16	+0.01
El Leisi	10-10	22.28	-0.07	22.30	-0.04
Roda (Cairo)	10-10	16.27	-0.15	16.30	-0.04

Printed by the Survey of Egypt 1936

Pressure and Wind at 8 h. 10-10-37.



General Situation
The shallow depression over the eastern Mediterranean is deepening slowly and extending.

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	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
Zugazig	1013.1	—	SW	1	22.6	32	+1	19	+2	96	+17	8	6	Sc	2	0	0	0	الزقازيق
Limassol	1013	-1	NE	5	23	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.0	+0.9	E	6	32.9	37	+10	26	+8	22	-43	0	—	—	—	0	27	4	حيفا
Gaza	1012.3	-1.3	—	0	25.1	37	+9	20	+2	50	-18	0	9	—	0	0	0	2	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
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1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٣٧-١٠-١١

CAIRO
Time of sunrise h. m. 05 54
sunset h. m. 17 29

Month *October* 1937 ١٩٣٧ شهر اكتوبر

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.	Rainfall Total fr. Oct. 1 to yesterday m.m.	Rainfall Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
	SALÛM	1013.9	NNE	5	25.3	77	2	8	1015.1	-1.6	W	4	19.4	27	—	16	—	96	—	0	3	—	4	0	dr	—
	MATRÛH	1011.9	NW	3	26.0	83	0	6	1013.5	-2.6	SSW	2	22.0	26	-1	19	+1	93	+19	0	6	—	0	0	0	6
	DIKHEILA	1012.5	NW	2	27.0	76	2	8	1014.3	—	WNW	2	25.3	28	—	23	—	77	—	0	7	—	1	0	0	—
132	ALEXANDRIA	1011.4	NW	4	28.2	73	3	9	1013.5	-2.8	NW	1	25.7	30	+1	23	+3	76	+6	0	9	—	0	0	0	2
159	DAMIETTA								1013.1	—	NNW	2	28.0	33	—	22	—	70	—	0	8	—	1	0	0	2
134	PORT SAÏD	1011.0	NW	3	30.6	67	2	7	1013.1	-1.1	NNW	2	27.9	32	+3	24	+3	71	+2	1	7	Ac	1	0	0	1
135	EL 'ARÎSH	1010.4	NNW	3	29.0	85	4	6	1012.7	—	NNE	2	28.0	32	—	24	—	70	—	3	7	Cu	1	0	0	1
	LOWER EGYPT																									
136	DAMANHÛR								1013.9	-2.0	SW	1	24.2	33	+2	19	+2	76	-7	0	6	—	4	0	0	1
137	MANSÛRA								1013.0	—	NNW	1	24.6	34	+3	21	+3	83	+6	1	7	Cs	1	0	0	0
138	TANTA	1011.1	NW	1	32.6	45	1	7	1013.8	-2.5	—	0	22.5	34	+3	17	0	94	+16	0	7	—	0	0	0	0
139	ZAGÂZÎG	1011.0	NW	1	32.2	46	2	8	1013.9	—	WNW	1	25.8	32	+1	20	+4	82	+3	0	8	Cs	1	0	0	0
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1011.5	WNW	2	32.4	41	3	8	1014.3	—	NNE	1	23.6	33	—	18	—	86	—	3	6	St	2	0	dr	—
	CAIRO EZBEKÎYA	1010.2	NW	2	32.8	50	3	8	1013.8	-1.6	NNE	2	23.0	34	+4	21	+3	91	+13	4	5	St	1	dr	dr	1
	CAIRO GÎZA	1010.2	NNW	2	32.1	47	3	7	1014.0	-1.3	N	1	22.4	33	+3	20	+4	93	+11	4	4	St	2	0	dr	1
143	HELWÂN	1009.5	NW	4	32.7	35	3	7	1013.5	-2.1	NNW	2	23.9	33	+3	21	+3	82	+16	0	6	Ac	1	0	0	0.
144	SUEZ	1010.0	NNE	3	31.8	48	2	8	1013.3	-1.5	NNW	2	26.2	33	+2	24	+4	77	0	2	7	Cu	2	0	0	1
	UPPER EGYPT																									
153	FAIYÛM	1010.4	NNW	3	32.5	37	0	7	1013.3	-1.7	NNE	2	24.8	34	+3	20	+3	73	0	0	6	Cu	1	0	0	0
154	MINYA	1009.8	N	2	32.5	49	0	7	1013.0	-2.3	NNW	2	24.5	33	+3	22	+4	76	+1	1	9	As	1	0	0	—
155	ASYÛT	1009.5	WSW	3	32.6	54	1	8	1012.7	-1.7	W	3	24.7	33	+2	22	+3	66	-1	2	7	Cu	1	0	0	0
156	QENA	1008.4	ESE	1	38.5	38	0	8	1011.2	-1.8	WNW	1	29.0	40	+5	22	+4	62	+6	2	7	Ci	1	0	0	—
157	LUXOR	1007.5	WSW	2	40.5	43	0	8	1011.1	—	ENE	2	28.5	42	—	20	—	68	—	2	8	—	1	0	0	—
158	ASWÂN	1005.8	—	0	43.0	20	0	8	1010.0	-2.6	—	0	29.2	44	+7	24	+3	51	+11	0	8	—	0	0	0	—
	WESTERN DESERT																									
148	SÎWA	1012.6	W	1	32.4	59	1	6	1014.0	-1.8	—	0	22.0	33	0	15	-1	73	+11	0	6	—	0	0	0	0
149	BAHARÎYA	1011.0	NW	3	33.2	35	0	9	1014.4	—	NNW	1	24.0	33	—	19	—	60	—	0	9	—	0	0	0	—
151	KHÂRGA	1009.6	NNW	2	37.5	39	0	9	1013.0	-0.9	N	3	27.9	38	+3	22	+3	51	-1	0	9	—	0	0	0	dr
152	DÂKHLA	1009.9	NNW	1	35.0	32	0	8																		
	RED SEA																									
145	TÔR	1008.6	NW	1	32.0	72	0	6	1011.6	-1.4	N	1	27.1	32	+3	20	+1	63	-6	0	6	—	0	0	0	0
146	HURGHÂDA								1012.3	-0.8	W	1	29.8	36	+5	21	+1	68	+13	1	5	Ci	1	0	0	0
147	QUSEIR	1010.3	NNE	1	32.9	56	0	6	1011.6	-1.2	W	2	28.5	34	+3	23	-1	74	+27	0	6	—	0	0	0	0
169	PORT SUDAN								1010.8	-0.5	SE	1	32.3	—	—	27	+2	73	+10	3	—	—	1	0	0	3
	NORTH SUDAN																									
165	WÂDI HALFA								1009.9	-2.8	—	0	27.6	43	+6	23	+3	35	0	2	8	Ci	1	—	—	—
166	KAREIMA								1007.5	-3.0	NE	1	30.8	41	0	25	+2	37	+8	1	5	Ci	0	0	0	0
167	'ATBARA								1007.9	-1.7	SE	2	33.0	41	+1	27	+3	26	+2	0	—	—	0	0	0	0
168	KHARTÛM								1007.4	-1.5	SSE	2	31.9	40	0	27	+3	43	+7	0	8	Ci	0	0	0	2
170	KASSALA								1008.4	-1.5	SSE	3	29.0	38	0	24	+1	58	+13	1	8	AcCs	0	0	dr	4
	CENTRAL SUDAN																									
171	WAD MEDANI								1008.3	-1.2	WNW	2	29.5	37	-2	24	+[illegible]	53	+1	1	—	—	0	0	dr	4
173	DUEIM								1007.2	-2.2	SW	4	30.8	38	-1	25	+[illegible]	55	+5	0	—	—	0	0	dr	4
182	RENK															—	—		—							
172	ROSEIRES								1008.4	-2.1	WSW	2	27.7	37	+2	21	+[illegible]	67	-4	0	—	—	6	dr	5	10
174	EL OBEID								1008.9	-2.2	SW	3	26.2	37	+1	22	+[illegible]	76	+25	4	8	AcCi	1	dr	4	6
175	EL FÂSHER								—	—	NW	1	25.0	39	+3	23	+[illegible]	80	+42	0	—	—	0	0	4	3
	S. SUDAN																									
176	MALAKÂL								1008.6	-2.5	WNW	3	26.1	32	-2	22	+	84	+7	3	8	AcCi	1	0	4	26
177	WAU								1010.4	0.0	W	1	23.5	34	0	21	+	89	+9	3	—	—	2	7	88	41
178	JÛBA								1011.2	-0.3	E	3	24.8	33	-1	21	+	84	+4	4	8	Sc	5	dr	47	30
179	Geneina								—	—	—	0	19.2	35	—	17	—	90	—	3	8	Sc	2	0	0	—
180	Gallabat																									

Upper Wind Observations on *11th* ارصاد الرياح العليا يوم ١١

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 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	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 10th 13h 00m Dir.	Kms	Almaza 11th 12h 00m Dir.	Kms
200	300	17	300	11	310	17	10	16	0	19	—	—	—	—	70	5	—	—	—	—	—	—	—	—	—	—	20	18	330	8
500	—	—	270	11	320	12	Ent. Sc		20	18	350	33	110	8	130	32	240	14	—	—	—	—	—	—	—	—	—	—	320	10
1000	230	29	280	16	320	18			350	32	340	34	160	35	110	37	250	8	200	3	250	29	30	29	120	13	310	16	260	13
1500	250	28	270	23	340	21			330	12	180	17	160	11	110	21	270	8	150	2	190	16	50	18	250	14	340	11	200	27
2000	250	23	270	19	250	13			220	30	250	8	80	7	130	18	300	2	110	[illegible]	130	14	60	6	310	14	330	12		
3000									220	60			30	12	190	14	230	14	90	2	100	14	70	8	70	47				
4000									210	72			30	12					60	4	60	16			80	51				
5000																														
6000																														

Forecast for 24 hours from noon on *11th*

On the Coast moderate west to northwest winds; inland light to moderate winds chiefly northwest.
Occasional low cloud.
Slightly cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١١
تهب على الساحل رياح معتدلة غربية الى شمالية غربية
وفي الداخل رياح خفيفة الى معتدلة غالبها شمالية غربية .
يظهر بعض السحاب المنخفض احيانا.
تنخفض الحرارة قليلا غدا ؟

Mean of day

Station	Humidity % on 10th	Diff. from normal	Wet bulb temp. °C on 10th	Diff. from normal
Alexandria	78	+10	23.7	+4.1
Ezbekiya	75	+10	23.4	+3.6
Giza	77	+9	22.7	+2.9
Helwan	58	+4	21.4	+3.9

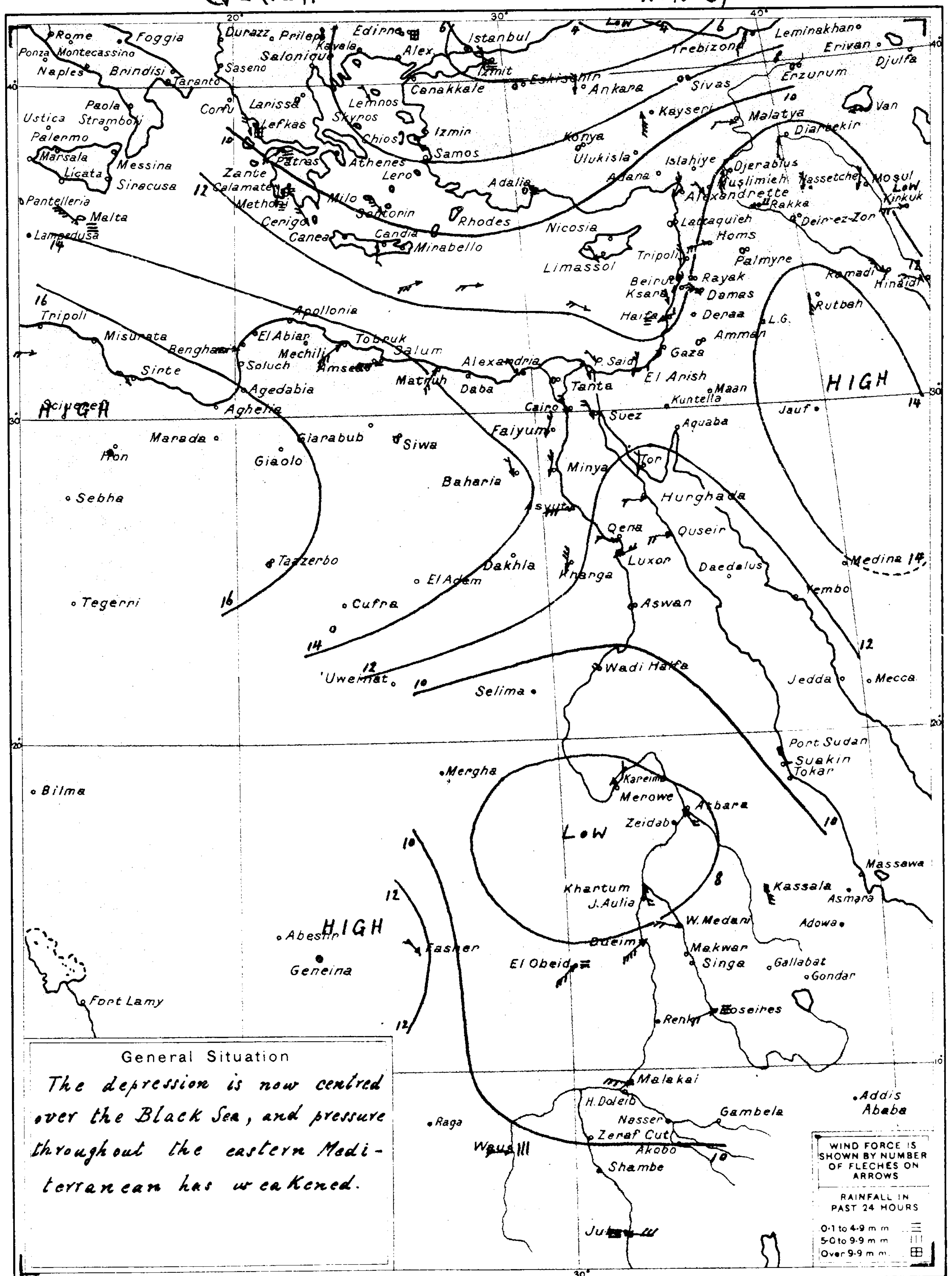
Giza Grass minimum on *11th* 17.8 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1937	1936
11-10	6018	6477
10-10	6179	6614

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jubā	11-10	13.70	-0.06	13.73	-0.02
Nâsr	10-10	10.62	+0.12	10.61	+0.11
Malakâl	11-10	12.37	+0.10	12.37	+0.11
Roseires	11-10	15.99	-0.54	16.06	-0.53
Senâr Res.	10-10	17.20	—	17.19	—
Khashm	11-10	13.55	-0.84	13.58	-0.89
Kh. l Girba	10-10	11.95	+0.02	12.05	+0.10
Atbara	11-10	12.91	-0.59	13.00	-0.55
Kajnarti	10-10	139.80	-0.17	139.99	-0.06
Wâ Halfa	11-10	6.45	-0.05	6.58	+0.03
Asyn Res.	11-10	97.00	—	97.00	—
D. S.	11-10	90.89	-0.11	91.01	-0.07
El [illegible]isi	11-10	22.26	-0.10	22.28	-0.07
Ro[illegible] (Cairo)	11-10	18.24	-0.20	18.27	-0.15

Pressure and Wind at 8h. *11-10-37*



General Situation

The depression is now centred over the Black Sea, and pressure throughout the eastern Mediterranean has weakened.

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 *10th* الساعة ٨ يوم ١٠

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	-4	—	0	31	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.0	-1.2	E	1	32.9	40	+11	28	+10	22	-43	8?	—	—	—	0	27	5	حيفا
Gaza	1011.6	-2.1	—	0	25.6	38	+10	20	+2	56	-12	0	9	—	0	0	0	2	غزة

Remarks

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

Printed by the Survey of Egypt 1936 136/530

CAIRO
Time of sunrise 05 h 35 m
sunset 17 h 28 m

Month **October** 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٢-١٠-٣٧

1417 F.C.

At 14h. on 11th — الساعة ١٤ يوم ١١ | At 8h. on Tuesday 12th — الساعة ٨ يوم الثلاثاء ١٢

No.	Station	14h 11th: Barometric Pressure Reduced to M.S.L. m.b	Wind Dir.	Force	Temperature °C	Humidity %	Present Weather	Visibility	8h 12th: 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
	Mediterranean																									
	Salûm	1012.3	WSW	6	31.0	30	1	5	1016.4	-0.3	WNW	2	21.8	32	—	18	—	77	—	4	6	Cc	2	0	dr	—
	Matrûh	1011.8	NNE	2	27.0	78	0	6	1014.4	-1.8	—	0	23.8	28	+1	19	+1	85	+11	1	6	Sc	1	0	0	7
	Dikheila	1013.3	NW	2	26.7	70	0	8	1015.6	—	N	2	23.9	28	—	20	—	76	—	0	7	Ac	0	0	0	—
132	Alexandria	1012.4	WNW	2	28.2	68	0	9	1015.5	-0.8	—	0	23.2	30	+2	23	+3	81	+11	0	8	—	0	0	0	2
159	Damietta								1015.4	—	ESE	1	27.0	32	—	20	—	69	—	0	8	—	0	0	0	2
134	Port Saîd	1011.9	NNW	2	30.3	55	0	7	1015.1	+0.8	WSW	2	27.3	32	+4	23	+2	65	-4	0	7	—	0	0	0	1
135	El 'Arîsh	1011.2	NNE	2	30.0	63	0	7	1015.1	—	SSW	1	28.2	30	—	22	—	74	—	0	7	—	0	0	0	1
	Lower Egypt																									
136	Damanhûr								1015.6	-0.4	SSE	2	23.1	33	+3	18	+1	82	-1	0	5	—	4	0	0	1
137	Mansûra								1014.8	—	W	2	22.8	33	+2	18	0	88	+11	0	8	—	0	0	0	0
138	Tanta	1012.7	NW	2	33.0	39	0	8	1015.9	-0.5	SE	2	24.0	34	+3	15	-2	83	+5	0	8	—	0	0	0	0
	Zagâzîg	1011.8	NNW	1	31.4	40	0	8	1015.9	—	SE	1	24.5	31	+1	16	0	83	+4	0	7	—	0	0	0	0
	Middle Egypt																									
	Cairo Almâza	1012.4	NW	2	32.3	39	0	8	1015.0	—	ESE	4	25.9	33	—	16	—	57	—	1	7	St	1	0	dr	—
	Cairo Ezbekîya	1011.1	NNW	1	33.8	28	0	8	1014.8	-0.7	WSW	2	24.3	34	+4	20	+3	68	-10	0	5	—	1	0	dr	1
	Cairo Gîza	1011.1	NNW	2	32.2	30	0	7	1015.2	-0.2	NW	1	23.6	33	+3	16	0	82	0	0	5	—	0	0	dr	1
143	Helwân	1010.7	N	2	32.0	24	0	7	1014.8	-0.9	E	2	25.7	33	+3	21	+3	50	-16	0	7	—	0	0	0	0
144	Suez	1011.4	N	3	31.3	39	0	7	1015.4	+0.5	NNW	2	25.2	33	+2	22	+2	74	-3	0	6	Cs	0	0	0	1
	Upper Egypt																									
153	Faiyûm	1011.0	NW	2	33.0	27	0	7	1015.0	-0.1	NNE	2	24.6	35	+4	18	+1	66	-7	0	7	—	0	0	0	0
154	Minya	1010.4	NNW	3	32.5	35	0	8	1014.3	-1.1	NNE	2	23.4	33	+3	19	+1	72	-3	0	9	—	0	0	0	—
155	Asyût	1009.5	WSW	3	33.1	45	0	8	1013.8	-0.7	SW	3	25.2	35	+5	22	+4	57	-10	2	7	Cu	1	0	0	0
156	Qena	1009.1	WNW	1	36.4	37	3	8	1011.8	-1.3	W	1	27.4	37	+2	24	+6	63	+7	2	7	Ci	2	0	0	—
157	Luxor	1008.0	ESE	1	38.6	42	3	8	1011.2	—	—	0	28.2	39	—	23	—	70	—	3	8	Cu	2	0	0	—
158	Aswân	1005.9	—	0	42.0	26	3	8	1010.0	-2.7	N	2	30.0	43	+6	25	+4	37	-3	3	8	Cu	2	0	0	—
	Western Desert																									
148	Sîwa	1012.7	WNW	1	33.5	55	0	6	1014.7	-1.2	—	0	22.9	35	+3	14	-2	64	+2	0	6	—	0	0	0	0
149	Baharîya	1012.2	N	1	32.3	24	0	9	1014.7	—	N	1	22.0	34	—	14	—	51	—	0	9	—	0	0	0	—
151	Khârga	1011.6	NW	3	32.8	47	0	9	1013.6	-0.4	N	3	28.7	33	-1	22	+4	51	-2	0	9	—	0	0	0	dr
152	Dâkhla	1011.0	NNW	2	34.0	26	0	7	1014.2	-0.7	WNW	1	26.1	35	+1	20	+2	33	-12	0	8	—	0	0	0	—
	Red Sea																									
145	Tôr	1009.8	NW	3	29.5	67	0	6	1012.6	-0.5	S	1	26.5	31	+2	20	+1	40	-29	0	6	—	0	0	0	0
146	Hurghâda								1013.6	+0.4	NNW	4	28.0	32	+1	23	+3	66	+11	4	5	Ac	2	0	0	0
147	Quseir	1010.6	NNE	2	31.0	73	0	6																		
169	Port Sudan								1011.2	-0.2	SE	1	31.5	—	—	27	+2	76	+13	3	—	—	1	0	0	4
	North Sudan																									
165	Wâdi Halfa								1009.7	-3.1	N	1	27.6	42	+5	26	+6	38	+2	4	8	AcCs	1	—	—	—
166	Kareima								1008.4	-2.2	SSW	2	33.0	42	+1	28	+5	34	+5	4	8	Cu	1	0	0	0
167	'Atbara								1008.4	-1.2	S	2	33.6	41	+2	28	+4	28	+4	0	—	—	0	0	0	0
168	Khartûm								1006.6	-2.3	WNW	1	30.7	41	+1	24	0	48	+12	3	8	Ac	1	1	1	2
170	Kassala								1007.6	-2.3	S	3	28.5	39	+1	25	+2	64	+19	3	8	Cs	1	0	dr	4
	Central Sudan																									
171	Wad Medani								1009.4	0.0	SSE	3	27.0	38	-1	23	+1	68	+17	1	—	—	0	1	1	4
173	Dueim								1009.0	-0.4	S	2	27.8	40	+1	23	+1	67	+18	4	—	—	8	8	8	4
182	Renk																									
172	Roseires								1009.9	-0.6	WNW	2	26.8	37	+1	20	0	66	-5	1	—	—	0	0	5	11
174	El Obeid								1009.7	-1.4	SW	2	26.8	37	+1	23	+3	69	+19	2	8	AsCi	1	0	4	7
175	El Fâsher																									
	S. Sudan																									
176	Malakâl								1011.6	+0.6	SE	3	24.0	34	0	21	0	83	+6	4	8	Sc	1	0	4	28 ✕
177	Wâu								1011.2	+0.9	NW	1	24.0	35	+1	22	+2	87	+7	3	—	—	1	2	90	45
178	Jûba								1012.1	+0.6	NW	2	23.0	31	-3	21	+1	91	+11	8	6	Cb	5	dr	47	33
179	Gencina																									
180	Gallabat																									

Upper Wind Observations on 12th — 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 06h 45 Dir.	Kms	Cairo 08h 00m Dir.	Kms	Helwan 08h 45m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Aswan 07h 00m Dir.	Kms	N. Halfa 06h 00m Dir.	Kms	Kareima 06h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Kassala 06h 00m Dir.	Kms	El Obeid 05h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Juba 07h 00m Dir.	Kms	Almaza 11th 11h 30m Dir.	Kms
200	320	14	50	10	160	10	90	14	70	14	—	—	—	—	0	16	—	—	—	—	—	—	—	—	—	—	—	—	0	15
500			20	7	160	10	60	27	60	26	20	34	70	17	70	18	160	21	170	23	—	—	—	—	130	8	—	—	20	12
1000	260	26	290	19	240	11	40	36	40	41	350	34	180	19	110	31	190	31	150	8	220	18	170	19	170	11	290	13	40	34
1500	270	40	250	28	290	22			50	31	160	4	150	19	70	31	150	18	120	13	190	32	110	8	160	5	220	23	320	15
2000	260	44	270	28	290	23			210	29	180	32	140	11	70	31	130	18	100	21	150	37	30	14	70	6	170	43		
3000					250	27			240	32					80	14	150	13	90	32	110	13	30	21	90	21				
4000									240	47													80	21	70	24				
5000									240	55													110	24						
6000																														

Forecast for 24 hours from noon on 12th

On the coast light west to northwest winds,
Inland moderate to fresh northeasterly winds.
Mainly clear.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٢
رياح خفيفة غربية الى شمالية غربية على الساحل
ورياح معتدلة الى شديدة نوعا شمالية شرقية في الداخل.
السماء صحو في الغالب ودرجة الحرارة كما هي

Mean of day

Station	Humidity % on 11th	Diff. from normal	Wet bulb temp. °C on 11th	Diff. from normal
Alexandria	77	+9	22.9	+3.3
Ezbekîya	70	+4	21.3	+1.6
Gîza	69	+1	20.8	+1.1
Helwân	52	-2	19.7	+2.3

Gîza Grass minimum on 12th 13.4 °C

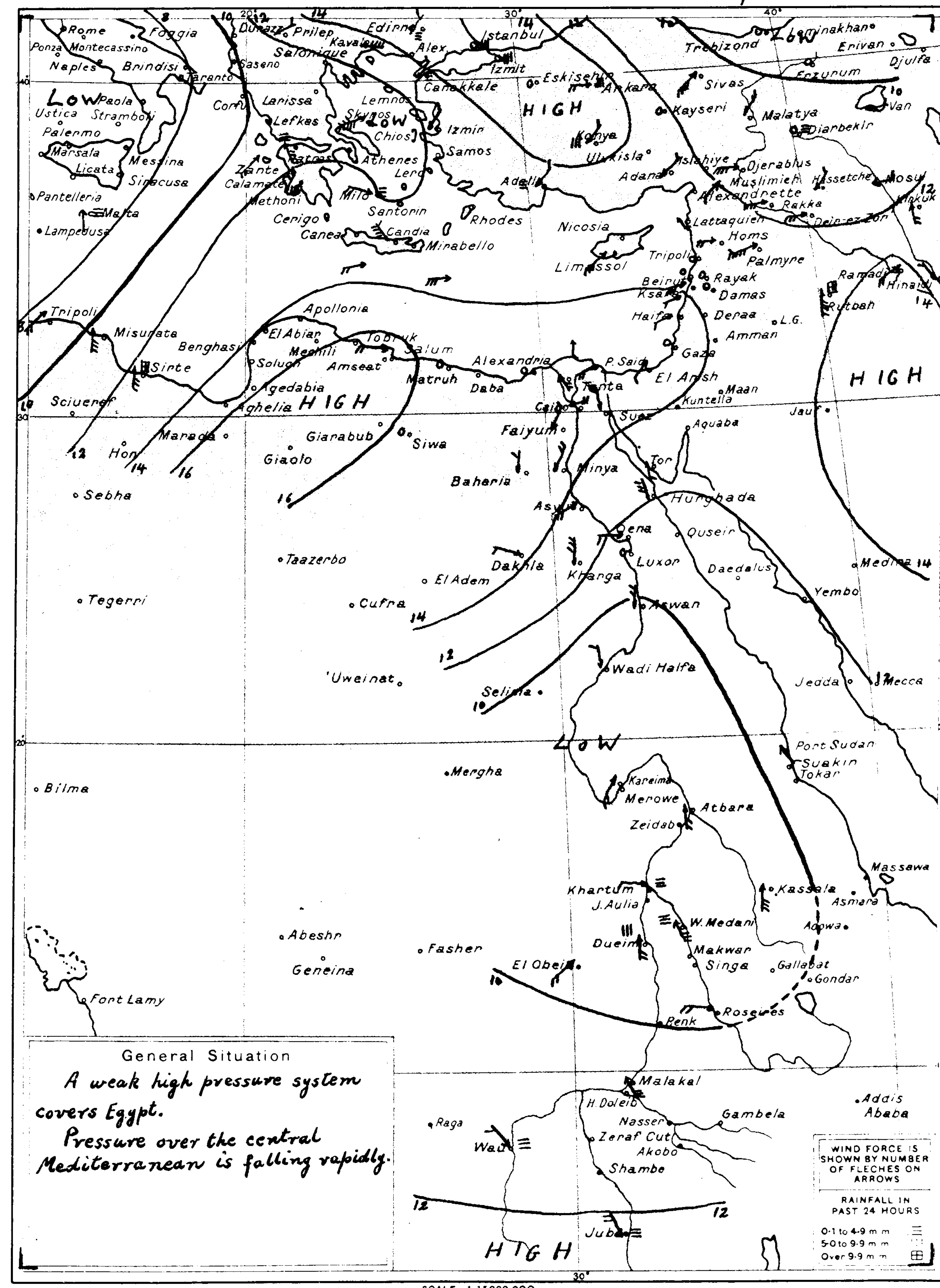
Discharges at Aswân measured by sluices m^3 per sec

Date	1937	1936
12-10	5760	6286
11-10	6018	6477

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	11-10	13.70	-0.06	13.73	-0.02
Nâsser	11-10	10.63	+0.12	10.62	+0.12
Malakâl	12-10	12.37	+0.10	12.37	+0.10
Roseires	12-10	15.88	-0.59	15.99	-0.54
Sennâr Res.	11-10	17.20	—	17.20	—
Khartûm	11-10	13.55	-0.84	13.58	-0.89
Kh. el Girba	11-10	11.80	-0.13	11.95	+0.02
Atbara	11-10	12.91	-0.59	13.00	-0.55
Kajnarti	11-10	139.60	-0.27	139.80	-0.17
Wâdi Halfa	12-10	6.33	-0.07	6.45	-0.05
Aswân Res.	12-10	97.09	—	97.00	—
Aswân Res. D. S.	12-10	90.72	-0.23	90.89	-0.11
El Leisi	12-10	22.27	-0.11	22.26	-0.10
Rôda (Cairo)	12-10	18.24	-0.21	18.24	-0.20

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

Pressure and Wind at 8h. 12-10-37



General Situation

A weak high pressure system covers Egypt.
Pressure over the central Mediterranean is falling rapidly.

At 8h. on 11th — الساعة ٨ يوم ١١

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
Dakhla	1013.0	-1.9	WNW	2	26.5	36	+2	22	+4	30	-15	0	8	—	0	0	0	—	الداخلة
Limassol	1011	-4	NW	1	24	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.3	-1.1	ENE	1	28.9	40	+11	24	+6	71	+7	5	—	—	—	dr	27	5	حيفا
Gaza	1011.9	-1.9	SW	1	27.1	35	+7	23	+6	78	+10	3	4	—	1	0	0	3	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. 56 m.
sunset 17 h. 27 m.

Month **October** 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

		At 14 h. on 12th							At 8 h. on Wednesday 13th الساعة ٨ يوم الاربعاء ١٣																	
	STATION	Barometric Pressure Reduced to M.S.L. mb	Wind Dir	Force					Bar. Pressure 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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
[illegible]	SALÛM	1015.2	NNE	1	26.1	64	3	7	1014.4	-2.4	SW	8	25.0	29	—	21	—	31	—	7	3	Cs	3	0	dr	—
[illegible]	MATRÛH	1014.2	NE	2	26.6	79	4	6	1014.7	-1.5	S	3	24.6	27	0	20	+2	61	-13	1	6	Ac	1	0	0	8
[illegible]	DIKHEILA	1014.9	N	2	27.5	70	1	8	1016.3	—	SSE	2	24.0	29	—	19	—	74	—	3	6	Ac	1	0	0	—
132	ALEXANDRIA	1014.2	NE	1	30.2	66	0	9	1016.0	-0.4	SSE	1	22.3	33	+5	20	0	85	+15	2	7	Ac	4	0	0	2
159	DAMIETTA								1016.4	—	SE	1	26.1	32	—	21	—	79	—	4	7	As	1	0	0	3
134	PORT SAÎD	1014.4	NE	3	30.0	51	0	7	1015.9	+1.5	ESE	2	26.3	31	+3	23	+2	75	+6	3	7	Ac	1	0	0	1
135	EL 'ARÎSH	1013.6	NNW	3	29.0	63	0	7	1015.1	—	—	0	28.0	31	—	21	—	70	—	0	7	—	0	0	0	1
136	DAMANHÛR								1016.4	+0.3	ESE	1	24.1	34	+4	20	+3	79	-5	3	5	Ac	1	0	0	2
137	MANSÛRA								1015.8	—	S	1	23.0	32	+1	19	+2	83	+6	2	7	Cc	1	0	0	0
138	TANTA	1014.2	NE	1	32.9	37	0	8	1016.3	-0.2	—	0	20.8	34	+3	16	-1	92	+14	4	8	—	2	0	0	0
[illegible]	ZAGÂZIG	1014.3	ENE	1	31.8	31	0	8	1016.4	—	ENE	1	21.6	32	+2	18	+2	87	+8	2	7	Cs	1	0	0	0
[illegible]	ALMÂZA	1013.3	N	3	33.3	21	0	8	1015.4	—	ESE	3	27.8	34	—	19	—	40	—	3	7	St	2	0	dr	—
[illegible]	EZBEKÎYA	1012.7	NNW	3	33.8	28	0	8	1015.0	-0.6	NNE	1	25.0	35	+5	22	+5	62	-16	2	6	Ac	1	0	dr	1
[illegible]	GÎZA	1012.7	N	4	32.6	28	0	7	1015.1	-0.4	—	0	24.3	34	+4	20	+4	74	-8	3	6	St	2	0	dr	1
143	HELWÂN	1011.9	N	5	33.4	12	0	9	1014.6	-1.2	NE	5	26.8	34	+4	23	+6	34	-32	3	7	Cc	2	0	0	0
144	SUEZ	1012.0	N	2	32.7	28	0	8	1015.4	+0.4	NNW	1	25.8	34	+3	22	+2	60	-17	3	7	As	1	0	0	2
153	FAIYÛM	1012.2	NNW	2	34.1	19	0	8	1015.0	-0.2	NW	2	24.9	35	+4	19	+2	51	-22	3	7	Cu	0	0	0	0
154	MINYA	1011.1	N	3	33.0	30	0	8	1014.4	-1.1	N	2	24.0	33	+3	20	+2	58	-17	2	8	As	1	0	0	—
155	ASYÛT	1010.6	WSW	3	32.6	36	0	8	1013.6	-1.0	WNW	3	25.0	33	+3	21	+3	61	-6	3	6	Cu	2	0	0	0
156	QENA	1009.5	WNW	1	37.2	43	1	8	1012.6	-0.6	ENE	1	28.9	39	+4	22	+4	47	-9	0	8	—	0	0	0	—
157	LUXOR	1009.0	WNW	2	39.6	35	2	8	1012.3	—	ENE	3	30.7	41	—	25	—	43	—	0	8	—	0	0	0	—
158	ASWÂN	1007.2	—	0	39.2	37	3	8	1011.1	-1.7	—	0	30.6	41	+4	26	+5	52	+12	2	8	Cu	2	0	0	—
148	SÎWA	1013.8	WSW	1	33.8	59	3	6	1015.4	-0.6	—	0	23.4	36	+4	14	-1	69	+7	0	6	—	0	0	0	0
149	BAHARÎYA	1012.6	NNE	2	33.4	27	0	9	1015.8		—	0	24.0	34	—	17	—	47	—	0	9	—	0	0	0	—
151	KHÂRGA	1011.9	NW	4	35.8	43	0	9	1013.9	-0.2	N	2	26.3	36	+2	22	+4	55	+2	0	9	—	0	0	0	dr
152	DÂKHLA	1011.0	NNW	2	35.0	10	0	8	1014.3	-0.7	SE	1	27.0	36	+2	21	+3	43	-2	0	8	—	0	0	0	—
145	TOR	1010.6	NW	3	30.0	68	0	6	1013.3	+0.1	N	1	27.5	31	+2	20	+1	72	+3	0	5	—	0	0	0	0
146	HURGHÂDA								1013.6	+0.3	NW	3	27.5	32	+1	21	+1	65	+10	0	6	—	0	0	0	0
147	QUSEIR	1013.0	N	3	30.0	63	0	6	1013.4	+0.4	NW	2	30.0	33	+2	24	0	41	-6	0	6	Ci	0	0	0	0
169	PORT SUDAN								1012.0	+0.5	NW	1	32.6	—	—	28	+3	73	+10	3	—	—	1	0	0	4
165	WÂDI HALFA								1012.3	-0.6	S	1	27.9	41	+4	25	+5	36	0	0	7	—	0	—	—	—
166	KAREIMA								1008.5	-2.2	NE	1	31.2	41	0	29	+6	42	+13	4	8	Sc	3	dr	dr	0
167	'ATBARA								1009.1	-0.6	N	2	32.5	41	+2	27	+3	23	-1	1	—	—	0	0	0	0
168	KHARTÛM								1009.5	+0.6	N	2	28.8	41	+1	25	+1	64	+29	3	8	Ac,Cc	9	1	2	2
170	KASSALA								1009.0	-0.9	SSE	1	30.6	39	+1	22	-1	48	+3	3	8	Ac,Ci	1	0	dr	4
171	WAD MEDANI								1010.7	+1.3	SSW	1	30.3	36	-3	23	+1	51	+1	0	—	—	—	0	1	5
173	DUEIM								1010.2	+0.8	NW	3	29.8	39	0	23	+1	63	+14	0	—	—	0	0	8	5
182	RENK																									
172	ROSEIRES								1009.5	-0.9	WSW	1	28.9	37	+1	21	+1	63	-8	1	—	—	0	0	5	12
174	EL OBEID								1010.5	-0.7	SW	3	28.0	38	+2	23	+3	63	+14	2	8	Ac	0	tr	4	7
175	EL FÂSHER								—	—	NW	1	30.0	40	+4	24	+6	65	+28	0	—	—	0	0	4	3
176	MALAKÂL								1010.7	-0.3	W	1	27.6	32	-2	23	+2	70	-7	4	8	Ci	1	0	4	31
177	WAU								1010.6	+0.3	NW	1	26.0	34	0	22	+2	80	0	1	—	—	0	0	90	49
178	JÛBA								1012.7	+1.3	SW	2	24.5	34	0	21	+1	76	-3	3	8	Sc	1	0	47	36
179 / 180	Geneina / Gallabat								—	—	NNE	3	18.3	36	—	14	—	62	—	3	8	Cs	0	0	0	—

Upper Wind Observations on 13th ارصاد الرياح العليا يوم ١٢

Height metres above M.S.L.	Salum 07h 45m Dir	Kms/h	Matruh 07h 00m Dir	Kms/h	Dikheila 07h 15m Dir	Kms/h	Cairo 08h 00m Dir	Kms/h	Helwan 08h 30m Dir	Kms/h	Asyut 07h 00m Dir	Kms/h	Aswan 07h 00m Dir	Kms/h	W. Halfa 06h 00m Dir	Kms/h	Kareima 06h 00m Dir	Kms/h	Khartum 06h 00m Dir	Kms/h	Kassala 07h 00m Dir	Kms/h	El Obeid 07h 00m Dir	Kms/h	Malakal 06h 00m Dir	Kms/h	Salum 12th 13h 00m Dir	Kms/h	Almaza 12th 11h 45m Dir	Kms/h
[illegible]	20	55	160	38	110	24	70	30	70	43	—	—	—	—	Calm		—	—	—	—	—	—	—	—	—	—	20	5	40	23
[illegible]		—			80	22	40	36	60	63	110	9	110	14	up		40	34	80	18	—	—	—	—	270	13	—	—	50	37
[illegible]	[illegible]0	17			30	19	60	24	330	6	160	8	0	3	to		60	40	60	24	120	5	230	26	270	8	250	3	50	34
1500	240	10			10	22	250	31	300	12	190	13	160	18	1500 M.		90	32	0	14	130	19	190	8	210	2	240	6	50	24
2000	Tail				340	23	230	24	230	28	210	15	100	16			50	43	250	24	160	31	90	18	160	19	230	8	100	8
3000																			220	56	100	18	120	24						
4000																							110	31						
5000																														
6000																														

Forecast for 24 hours from noon on 13th

On the coast fresh south winds veering to west, strong at times.
Inland fresh northeast winds, moderating and becoming variable.
Some medium cloud.
Possibly light rain on the coast in the west.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٣
رياح معتدلة جنوبية على الساحل تتحول الى الغرب وتكون شديدة
احيانا ورياح معتدلة شمالية شرقية تقل سرعتها تدريجيا وتصير متغيرة
الاتجاه. قليل من السحب المتوسطة ويحتمل نزول مطر خفيف على الساحل
في الغرب

STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet bulb temp. °C on 12th	Diff. from normal
Alexandria	76	+8	22.6	+3.0
Ezbekiya	58	-8	20.1	+0.5
Giza	59	-9	20.4	+0.8
Helwan	34	-2	17.6	+0.3

Giza Grass minimum on 13th 17.7 °C

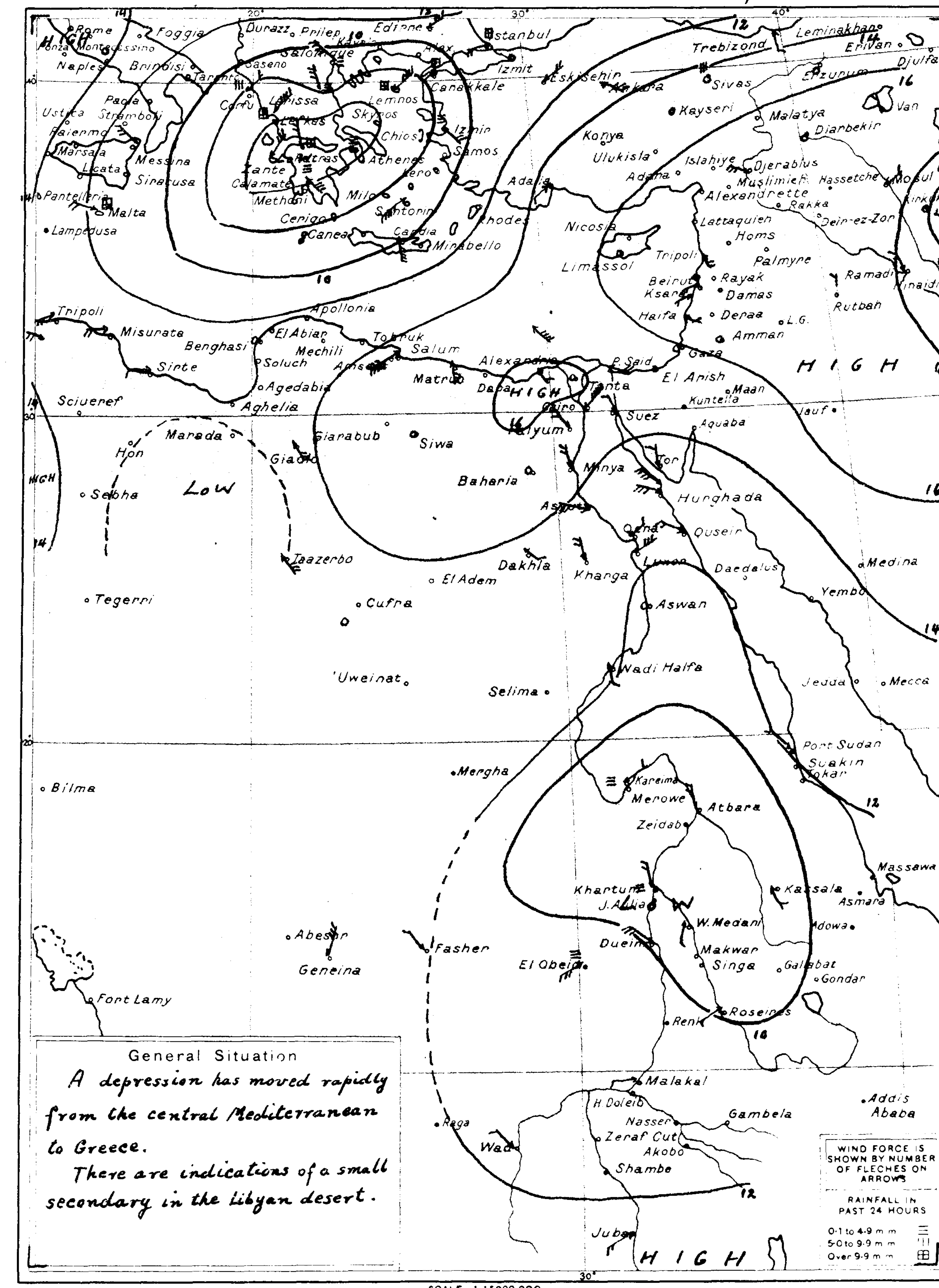
Discharges at Aswan measured by sluices m^3 per sec

DATE	1937	1936
13-10	5420	6078
12-10	5760	6286

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	12-10	13.71	-0.05	13.70	-0.06
Nâsser	11-10	10.63	+0.12	10.62	+0.12
Malakâl	13-10	12.38	+0.10	12.37	+0.10
Roseires	13-10	15.90	-0.51	15.88	-0.59
Sennâr Res.	12-10	17.20	—	17.20	—
Khartûm	12-10	13.50	-0.83	13.55	-0.84
Kh. el Girba	12-10	11.78	-0.10	11.80	-0.13
Atbara	12-10	12.79	-0.61	12.91	-0.59
Kajnarti	12-10	139.38	-0.40	139.60	-0.27
Wâdi Halfa	13-10	6.17	-0.20	6.33	-0.07
Aswân Res.	13-10	97.55	—	97.09	—
D. S.	13-10	90.52	-0.37	90.72	-0.23
El Leisi	13-10	22.33	-0.06	22.27	-0.11
Rôda (Cairo)	13-10	18.31	-0.15	18.24	-0.21

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

١٣-١٠-٣٧ Pressure and Wind at 8 h. 13-10-37.



General Situation

A depression has moved rapidly from the central Mediterranean to Greece.
There are indications of a small secondary in the Libyan desert.

SCALE 1:15,000,000

STATION	At 8 h. on 12th الساعة ٨ يوم ١٢ Bar. Pressure 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 mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm	مرصد
Quseir	1013.3	+0.4	NW	2	29.7	36	+5	26	+2	63	+16	0	6	—	0	0	0	0	القصير
Limassol	1013	-2	SW	3	26	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1015.0	+1.5	WSW	1	28.2	39	+10	23	+5	65	+1	0	—	—	—	0	27	6	حيفا
Gaza	1015.1	+1.2	—	0	24.9	34	+6	19	+2	79	+11	0	9	—	0	0	0	3	غزة

SHIPS سفن
43279 - 33706 - 28400 - 11827 - 617X0 - 03100.
43325 - 29806 - 12401 - 14877 - 61582 - 5311X.

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. 56 m.

sunset 17 h. 25 m.

Month *October* 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٤-١٠-٣٧

1417 F.C.

At 14 h. on 13th — الساعة ١٤ يوم ١٣ | At 8 h. on Thursday 14th — الساعة ٨ يوم الخميس ١٤

No.	Station	13th 14h: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	14th 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																									
	Salûm	1012.3	SW	8	33.0	10	7	1	1016.0	-0.9	W	3	22.0	34	—	15	—	75	—	3	4	Cs	4	0	dr	—
	Matrûh	1012.8	SSW	4	34.0	47	2	6	1014.2	-2.1	SSW	2	23.1	34	+8	21	+3	91	+17	2	6	Sc	1	0	•	8
	Dikheila	1016.0	N	2	29.8	46	0	8	1014.5	—	SSW	3	25.9	32	—	20	—	55	—	0	7	Cu	1	0	0	—
132	Alexandria	1014.4	NNE	2	30.1	48	1	9	1014.8	-1.6	ESE	4	22.8	34	+6	21	+1	76	+6	1	8	Cu	2	0	0	3
159	Damietta								1013.9	—	S	2	26.2	31	—	19	—	74	—	1	6	Ci	1	0	0	3
134	Port Saïd	1014.4	NE	3	29.5	59	1	7	1013.9	-0.6	SSW	2	26.9	31	+3	21	0	69	0	1	7	Cs	0	•	0	1
135	El 'Arîsh	1013.9	NNE	3	29.0	62	4	6	1013.6	—	—	•	27.0	31	—	21	—	64	—	0	7	—	0	0	0	1
	Lower Egypt																									
136	Damanhûr								1014.3	-1.9	SSE	3	24.1	33	+3	19	+3	71	-13	2	6	Cu	4	0	0	2
137	Mansûra								1013.9	—	SE	1	23.0	33	+2	17	0	84	+7	1	7	Cs	1	0	0	0
138	Tanta	1014.3	N	1	33.0	37	0	8	1014.2	-2.4	S	3	23.2	34	+3	15	-2	79	+1	2	8	Ci	1	0	0	0
	Zagâzîg	1014.3	NNW	1	30.8	41	1	8	1014.6	—	ENE	1	22.4	31	+1	14	-2	87	+8	0	8	Ci	1	•	0	0
	Middle Egypt																									
	Cairo: Almâza	1014.2	NE	4	32.2	21	2	8	1014.7	—	ESE	2	23.0	33	—	15	—	68	—	2	7	St	1	0	dr	—
	Cairo: Ezbekîya	1013.0	NNE	3	33.4	30	1	8	1014.0	-1.6	NW	1	21.2	34	+4	18	+1	84	+6	2	4	Cs	1	0	dr	1
	Cairo: Gîza	1012.8	NNE	2	33.0	36	1	7	1014.2	-1.3	NNW	1	20.6	34	+4	16	+1	90	+8	1	5	St	1	0	dr	1
143	Helwân	1011.8	N	5	34.0	14	0	9	1014.0	-1.9	—	0	20.8	34	+4	18	0	71	+5	0	5	Ci	0	0	0	0
144	Suez	1014.2	NNE	2	33.4	32	2	8	1014.0	-1.0	NNW	2	23.9	35	+4	21	+1	75	-2	0	8	—	0	0	0	2
	Upper Egypt																									
153	Faiyûm	1012.0	N	3	34.8	20	1	8	1014.3	-0.9	NNW	2	24.5	36	+5	18	+1	62	-12	1	7	Cu	0	0	0	0
154	Minya	1012.0	NNW	3	34.0	29	2	9	1013.6	-2.0	NNW	2	23.5	34	+4	18	0	56	-19	0	8	—	1	0	•	—
155	Asyût	1011.8	SW	3	33.6	36	3	8	1013.5	-1.2	WNW	3	25.0	34	+4	21	+3	61	-6	1	7	Cu	1	•	0	0
156	Qena	1010.6	W	2	35.1	35	2	8	1012.4	-0.9	W	2	28.0	39	+4	18	0	34	-22	1	7	Cu	1	0	0	—
157	Luxor	1009.3	NNW	1	41.0	30	3	8	1011.4	—	ESE	1	30.0	42	—	22	—	57	—	1	8	Cu	1	0	0	—
158	Aswân	1007.2	E	5	42.0	21	3	5	1010.7	-2.2	—	0	32.0	44	+7	26	+5	49	+8	1	8	Cu	5	dr	dr	—
	Western Desert																									
148	Sîwa	1013.5	WSW	1	34.8	53	3	6	1016.0	-0.1	—	0	21.1	36	+4	15	0	71	+9	0	6	—	0	0	0	0
149	Baharîya	1013.1	NNE	1	34.4	16	0	9	1015.0	—	SW	1	24	35	—	15	—	—	—	•	9	—	0	0	0	—
151	Khârga	1011.1	NNW	3	36.2	41	0	9	1012.8	-1.4	N	2	27.5	36	+2	22	+4	55	+2	•	9	—	0	0	0	dr
152	Dâkhla	1011.5	NNW	1	36.5	11	0	7	1014.3	-0.9	WNW	1	25.0	37	+4	21	+4	34	-12	0	8	—	0	0	•	—
	Red Sea																									
145	Tôr	1011.1	NW	3	30.1	67	0	6	1012.2	-1.1	N	1	26.9	31	+2	19	0	89	+20	•	6	Cu	•	0	0	0
146	Hurghâda								1012.7	-0.7	NW	3	28.2	32	+1	20	0	58	+3	•	6	—	0	0	•	0
147	Quseir	1013.5	NNE	2	30.6	62	0	6	1012.7	-0.5	NNW	2	30.7	32	+1	24	+1	42	-5	0	6	—	0	0	0	0
169	Port Sudan								1011.0	-0.6	NW	1	32.8	—	—	25	0	70	+6	1	—	—	0	0	0	4
	North Sudan																									
165	Wâdi Halfa								1011.5	-1.5	NNE	2	28.8	41	+5	26	+6	38	+2	0	8	Ac	0	—	—	—
166	Kareima								1009.7	-1.0	NE	2	32.0	39	-1	28	+5	33	+4	3	8	Cu Sc	1	0	dr	0
167	'Atbara								1008.8	-1.0	E	3	32.3	41	+2	26	+2	29	+5	0	—	—	0	0	0	0
168	Khartûm								1010.1	+1.2	—	0	31.0	40	0	26	+2	48	+13	0	8	Ac	0	0	2	2
170	Kassala								1007.5	-2.4	S	3	30.0	40	+2	22	-1	47	+2	1	8	Cs	0	0	dr	5
	Central Sudan																									
171	Wad Medani								1009.0	-0.4	NNW	2	29.7	38	-1	23	+1	50	+1	0	—	—	•	dr	1	5
173	Dueim								1009.0	-0.4	W	3	31.2	39	0	24	+2	52	+4	1	—	—	0	0	8	5
182	Renk																									
172	Roseires								1010.4	0.0	WNW	2	26.9	37	+1	20	0	66	-4	0	—	—	1	dr	5	13
174	El Obeid								1010.5	-0.7	SW	1	28.0	37	+1	22	+2	63	+14	1	8	Ac	0	0	4	8
175	El Fâsher								—	—	W	1	27.5	37	+1	23	+5	60	+23	0	—	—	0	•	4	4
	S. Sudan																									
176	Malakâl								1011.1	+0.1	SSW	2	27.0	36	+2	23	+2	84	+8	4	8	Ac As	2	0	4	34
177	Wâu								1012.6	+2.4	W	2	24.6	36	+2	20	0	77	-3	2	—	—	1	1	91	53
178	Jûba								1013.2	+1.8	SSE	3	25.0	35	+1	21	+1	76	-3	2	9	Sc, As	1	0	47	39
179	Geneina								—	—	SW	1	20.4	36	—	18	—	91	—	2	8	As	0	0	0	—
180	Gallabat																									

Upper Wind Observations on 14th — ارصاد الرياح العليا يوم ١٤

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.15m. 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	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Juba 07h.00m. Dir.	Kms	Almaza 13th 11h.30m. Dir.	Kms
200	270	16	300	17	210	30	70	18	30	18	—	—	—	—	20	14	—	—	—	—	—	—	—	—	—	—	—	—	50	46
500	300	14	320	13	240	29	0	19	0	24	350	43	80	23	70	19	350	21	30	11	—	—	—	—	290	8	—	—	50	50
1000	300	22	260	32	260	37	340	21	350	30	320	23	160	14	60	5	70	8	100	18	160	11	230	10	270	11	100	5	60	37
1500	290	61	260	44	270	35	350	11	350	32	270	14	150	10	10	8	20	8	100	24	130	31	180	14	290	8			80	16
2000	280	63	270	42	260	31			340	14	200	19			40	8	30	6	110	29	90	16	140	8	50	8			280	12
3000															c	2			120	21	60	16	80	21	170	8			220	44
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 14th

On the coast moderate to fresh west to north-west winds. Inland light to moderate north-west to northeast winds.

Some medium and low cloud later.

Slightly cooler tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٤

رياح بين المعتدلة والشديدة غربية وشمالية غربية على السواحل

ورياح بين الخفيفة والمعتدلة بين شمالية غربية وشمالية شرقية في الداخل

يظهر بعض السحاب المتوسط والمنخفض فيما بعد

تهبط درجة الحرارة قليلا باكر

Station	Mean of day Humidity % on 13th	Diff. from normal	Wet Bulb Temp. °C on 13th	Diff. from normal
Alexandria	80	+12	22.2	+2.7
Ezbekiya	57	-9	20.6	+1.1
Giza	58	-10	21.0	+1.4
Helwân	30	-24	17.8	+0.6

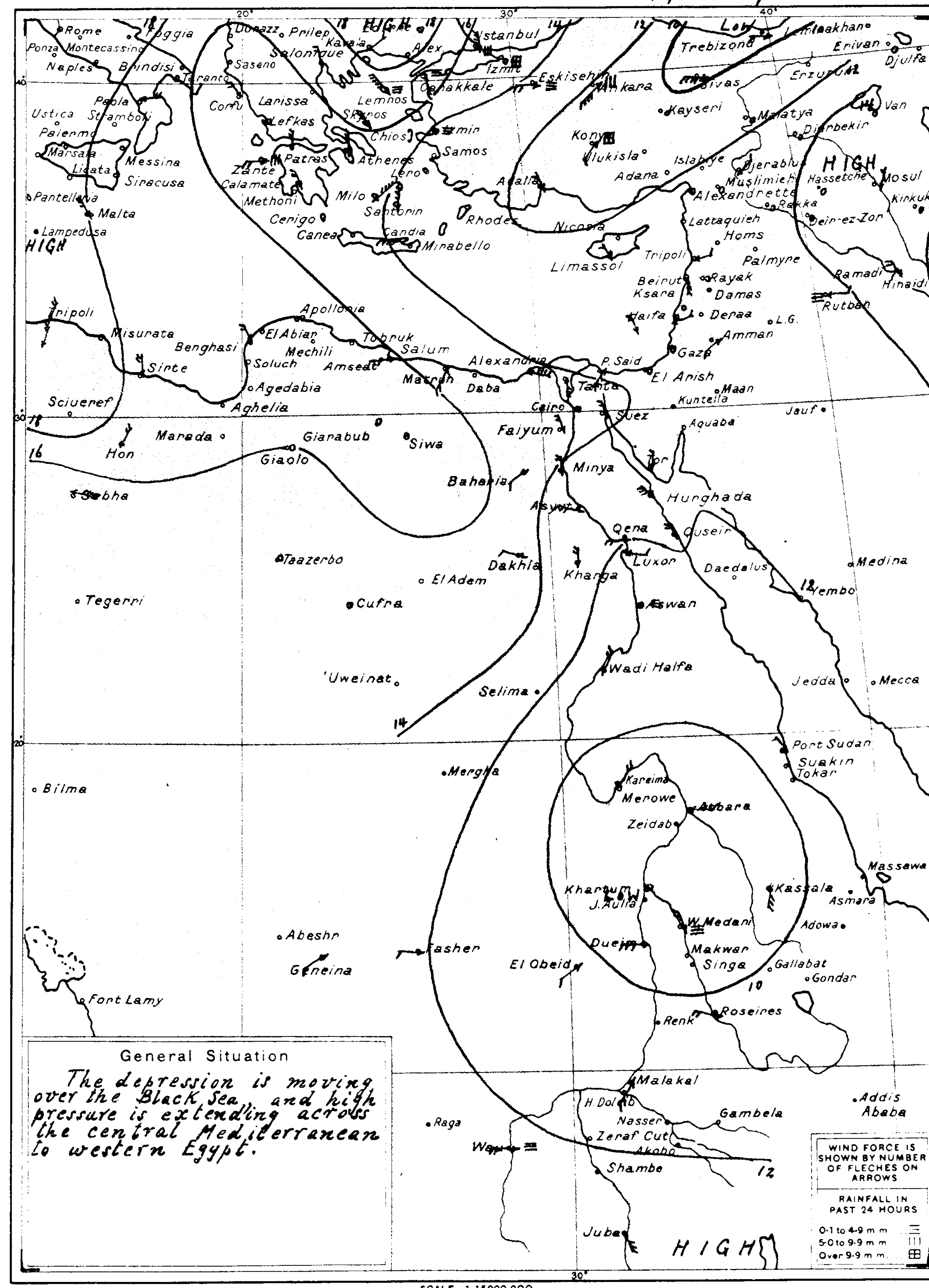
Giza Grass minimum on 14th 12.9 °C

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

Date	1937	1936
14-10	5055	5866
13-10	5420	6078

Gauge	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	14-10	13.68	-0.06	13.72	-0.04
Nâsser	13-10	10.63	+0.10	10.63	+0.12
Malakâl	14-10	12.38	+0.09	12.38	+0.10
Roseires	14-10	15.80	-0.51	15.90	-0.51
Sennâr Res.	13-10	17.21	—	17.20	—
Khartûm	13-10	13.45	-0.82	13.50	-0.83
Kh. el Girba	13-10	11.64	-0.21	11.78	-0.10
'Atbara	14-10	12.67	-0.63	12.72	-0.62
Kajnarti	13-10	139.15	-0.54	139.38	-0.40
Wâdi Halfa	14-10	6.05	-0.25	6.17	-0.20
Aswân Res.	14-10	98.18	—	97.55	—
" D. S.	14-10	90.32	-0.50	90.52	-0.37
El Leisi	14-10	22.40	-0.01	22.33	-0.06
Rôda (Cairo)	14-10	18.38	-0.09	18.31	+0.15

Pressure and Wind at 8 h. 14-10-37



General Situation

The depression is moving over the Black Sea, and high pressure is extending across the central Mediterranean to western Egypt.

At 8 h. 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	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	1016	+1	—	0	24	—	—	—	—	—	—	•	—	—	—	—	—	—	ليماسول
Haifa	1016.2	+2.6	ESE	1	25.8	36	+7	20	+2	59	-5	1	—	—	—	0	27	7	حيفا
Gaza	1015.1	+1.1	—	0	22.8	33	+5	17	0	64	-4	0	9	—	0	•	•	3	غزة

مرصد

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

Aswan on 13th, at 14h. thunder.

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 37
sunset h. m. 17 24

Month October 1937 ١٩٣٧ شهر أكتوبر

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	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																									
	SALÛM	1014.7	NNW	4	27.5	39	4	5	1014.8	-2.2	NW	3	17.0	29	—	15	—	85	—	2	6	Cb	1	4	4	—
	MATRÛH	1013.3	NW	4	26.0	86	1	6	1012.4	-4.0	WSW	3	22.0	27	+1	20	+2	82	+8	2	6	Cu	1	0	0	9
	DIKHEILA	1013.5	NW	2	27.0	70	2	6	1012.4	—	WNW	2	25.1	30	—	19	—	64	—	1	7	Cc	0	0	0	—
132	ALEXANDRIA	1012.6	NNW	3	28.4	68	1	9	1011.6	-4.9	NW	2	25.0	30	+2	21	+1	65	-5	1	8	Cu	2	0	0	3
133	DAMIETTA								1011.6	—	SW	3	25.0	34	—	20	—	72	—	2	8	Cc	2	0	0	3
134	PORT SAÏD	1011.8	NE	3	31.0	60	1	7	1011.4	-3.2	SW	3	26.1	33	+5	22	+1	70	+1	2	7	Ac	1	0	0	1
135	EL 'ARÎSH														—		—		—							
	Lower Egypt																									
136	DAMANHÛR								1012.6	-4.3	SW	3	23.1	34	+4	19	+3	80	-4	1	7	Cu	1	0	0	2
137	MANSÛRA								1011.4	—	N	1	24.5	34	+3	19	+2	79	+2	2	7	Cc	1	0	0	1
138	TANTA	1012.7	W	3	33.3	39	1	8	1013.5	-3.2	NE	1	24.4	34	+3	18	+1	79	+1	2	8	Cu	1	0	0	0
	ZAGÂZÎG	1011.9	NNW	2	33.4	29	0	8	1012.2	—	SW	1	25.9	34	+4	18	+2	76	-3	1	8	Cs	1	0	0	0
	Middle Egypt																									
	Cairo: ALMÂZA	1012.7	NNE	3	34.7	27	2	8	1011.8	—	E	2	25.9	35	—	17	—	62	—	2	7	St	2	0	dr	—
	Cairo: EZBEKÎYA	1011.5	NW	2	35.5	28	3	8	1011.4	-4.3	N	1	24.0	36	+6	21	+4	80	+2	2	5	Cc	1	0	dr	1
	Cairo: GÎZA	1011.5	N	2	34.9	30	3	7	1011.4	-4.2	WNW	1	23.0	35	+5	17	+2	84	+2	2	5	Sc	1	0	dr	1
143	HELWÂN	1010.8	NW	3	33.2	16	0	8	1010.8	-5.2	WNW	3	22.9	34	+4	20	+2	69	+3	1	6	Ac	0	0	0	0
144	SUEZ	1011.6	NNE	2	34.7	15	1	8	1011.5	-3.6	NW	2	24.8	35	+4	20	0	73	-4	0	8	—	0	0	0	2
	Upper Egypt																									
153	FAIYÛM	1013.1	NNW	2	34.7	20	2	8	1012.0	-3.3	NNW	3	23.4	37	+6	19	+2	77	+3	2	7	Cu	0	0	0	0
154	MINYA	1011.2	NNW	3	33.5	19	0	7	1010.6	-5.1	N	2	24.5	34	+4	19	+1	64	-11	0	9	—	0	0	0	—
155	ASYÛT	1010.3	WSW	3	31.6	45	3	8	1010.6	-4.2	WSW	3	25.2	33	+3	21	+3	46	-21	1	7	Cu	1	0	0	0
156	QENA	1008.8	WNW	1	36.3	45	2	8	1009.0	-4.4	W	2	27.6	38	+3	23	+5	54	-2	1	7	Cu	1	0	0	—
157	LUXOR	1008.6	—	0	38.1	36	4	8	1008.7	—	SW	1	27.9	41	—	22	—	60	—	3	8	Cu	2	0	0	—
158	ASWÂN	1005.8	—	0	42.2	25	3	8	1007.4	-5.6	N	1	29.5	44	+7	25	+4	31	-10	2	8	Ac	2	0	dr.	—
	Western Desert																									
148	SÎWA	1013.0	WNW	1	34.4	54	1	6	1013.8	-2.4	—	0	22.1	36	+4	18	+3	95	+33	0	6	—	0	0	0	0
149	BAHARÎYA	1012.3	NNW	2	35.0	19	0	9	1012.4		—	0	23.6	36	—	18	—	75	—	2	9	Ac	1	0	0	—
151	KHÂRGA	1010.6	NNW	3	35.4	41	0	9	1013.8	-0.5	NNW	3	26.5	36	+2	22	+4	67	+4	0	9	—	0	0	0	dr.
152	DÂKHLA	1010.7	N	2	36.6	9	0	8	1012.0	-3.2	—	0	25.0	37	+4	20	+3	35	-11	0	8	—	0	0	0	—
	Red Sea																									
145	TOR	1009.8	NW	4	30.5	68	0	6	1009.0	-4.4	NW	2	29.0	34	+5	21	+3	59	-10	0	6	Cu	0	0	0	0
146	HURGHÂDA								1011.1	-2.4	NNW	4	28.8	32	+1	24	+4	59	+4	0	4	—	1	0	0	0
147	QUSEIR	1010.8	N	2	31.1	63	0	6	1009.0	-4.3	NW	2	33.6	32	+1	26	+3	23	-24	0	6	St	0	0	0	0
101	PORT SUDAN								1010.0	-1.7	SW	1	31.2	—	—	26	+2	68	+4	0	—	—	0	0	0	5
	North Sudan																									
165	WÂDI HALFA								1009.2	-3.9	NNE	1	28.2	42	+6	26	+7	30	-6	2	8	Ac	0	—	—	
166	KAREIMA								1007.6	-3.2	NE	2	32.8	40	0	29	+6	30	+1	3	8	Cu,Sc	8	dr	dr	0
167	ATBARA																									
168	KHARTÛM								1007.2	-1.8	S	2	31.2	42	+2	26	+2	48	+13	1	8	Cu	0	0	2	2
170	KASSALA								1007.6	-2.2	SE	3	30.0	40	+2	23	0	53	+8	0	8	—	0	0	dr	5
	Central Sudan																									
171	WAD MEDANI								1007.5	-1.9	WSW	2	30.0	39	0	24	+2	47	-1	1	—	—	—	0	1	5
173	DUEIM								1008.2	-1.1	SW	3	30.8	40	+1	24	+2	45	-3	1	—	—	0	0	8	5
182	RENK																									
172	ROSEIRES								1009.5	-0.9	WNW	2	26.3	38	+2	20	0	66	-4	0	—	—	0	0	5	14
174	EL OBEID								1010.3	-0.9	W	3	26.2	37	+1	23	+3	62	+13	2	8	Ci,Ac	0	0	4	9
175	EL FÂSHER								—	—	NW	1	22.5	37	+1	22	+4	92	+56	1	—	—	0	10	14	4
	S. Sudan																									
176	MALAKÂL								1007.8	-1.2	WNW	3	26.4	33	-1	22	+1	84	+8	2	8	Ac	1	4	8	36
177	WAU								1011.2	+1.0	W	1	23.6	34	0	21	+1	88	+9	2	—	—	1	2	93	57
178	JÛBA								1013.5	+2.1	SSE	4	23.1	35	+1	21	+1	83	+4	4	8	Fn	2	dr	47	42
179	Geneina								—	—	SW	1	18.9	35	—	15	—	81	—	1	8	Ac	0	0	0	—
180	Gallabat																									

Upper Wind Observations on 15th — ارصاد الرياح العليا يوم ١٥

Height in metres above M.S.L.	Dikheila 06h 45m Dir. E. of N	Kms per hour	W. Haifa 06h 00m Dir. E. of N	Kms per hour	Kareima 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	Juba 07h 00m Dir. E. of N	Kms per hour	Geneina 07h 00m Dir. E. of N	Kms per hour	Ismailia R.A.F. 07h 00m Dir. E. of N	Kms per hour	Abukir 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	Salum 14th 13h 00m Dir. E. of N	Kms per hour	Almaza 14th 11h 15m Dir. E. of N	Kms per hour
200	300	40	0	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	100	8	300	19	250	14	300	13	330	9
600	300	32	10	32	60	50	340	14	—	—	—	—	290	18	—	—	—	—	20	8	290	40	250	6	300	12	340	7
1000	300	32	10	32	30	29	80	24	200	34	280	48	270	14	270	24	240	13	50	8	300	21	140	5	290	17	320	10
1500	200	26	340	32	20	18	80	24	210	26	270	10	270	3	130	14	340	14	200	27	230	43	230	16	280	49	320	17
2000			310	31	30	14	100	23	210	21	0	3	90	10	130	11	330	10	240	34	230	50	240	26	250	42	320	25
3000			190	8			110	16			90	21									230	53	230	43	ent. Cb			
4000			190	18							90	34																
5000																												
6000																												

Forecast for 24 hours from noon on

[illegible]

Mean of day

Station	Humidity on 14th	Diff. from normal	Wet bulb temp. on 14th	Diff. from normal
Alexandria	74	+6	22.0	+2.6
Ezbekiya	69	+3	20.8	+1.3
Giza	69	+1	20.7	+1.2
Helwan	44	-10	17.8	+0.6

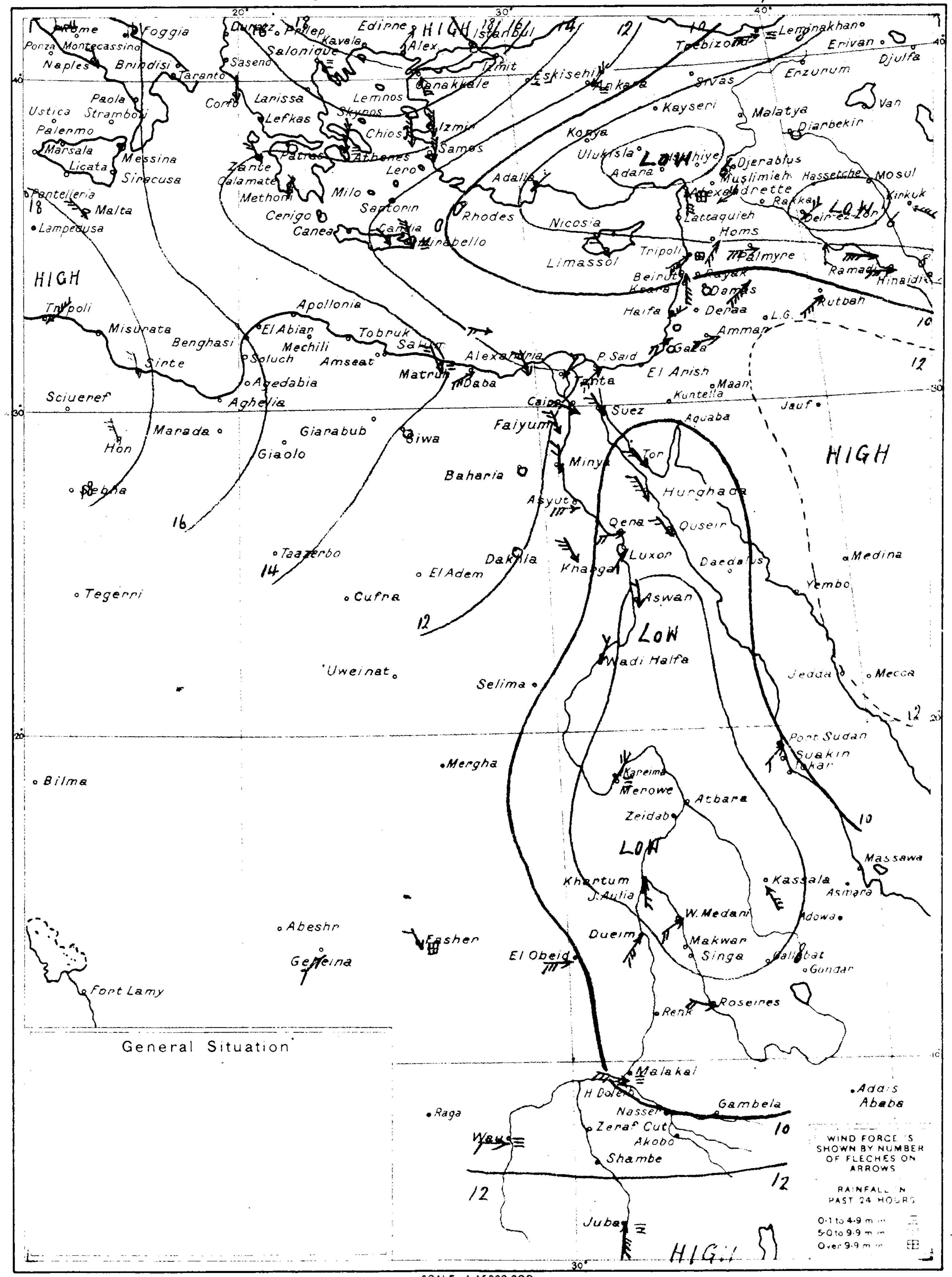
Giza grass minimum on 15th 14.4 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
15-10	4562	5706
14-10	5055	5866

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	15-10	13.67	-0.05	13.68	-0.06
Nasser	15-10	10.64	+0.11	10.63	+0.10
Malakal	15-10	12.38	+0.08	12.38	+0.09
Roseires	15-10	15.62	-0.59	15.80	-0.61
Sennâr Res.	15-10	17.22	—	17.20	—
Khartûm	15-10	13.31	-0.83	13.38	-0.82
Kh. el Girba	15-10	11.50	-0.28	11.60	-0.23
Atbara	15-10	12.60	-0.65	12.67	-0.63
Kajnarti	15-10	138.77	-0.73	138.95	-0.62
Wâdi Halfa	15-10	5.90	-0.30	6.05	-0.25
Aswân Res.	15-10	99.00	—	98.18	—
D.S.	15-10	90.12	-0.64	90.32	-0.50
El Leisi	15-10	22.33	-0.11	22.40	-0.01
Roda (Cairo)	15-10	18.38	-0.10	18.33	-0.09

١٩٣٧-١٠-١٥ Pressure and Wind at 8h 15-10-1937



SCALE 1:15,000,000 — Kms

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	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	NW	1	25	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1013.5	-0.2	ENE	1	27.6	35	+6	20	+3	55	-9	0	.	—	—	0	27	7	حيفا
Gaza	1013.9	-0.2	—	0	23.1	32	+4	17	0	73	+5	0	9	—	0	0	0	3	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

CAIRO

Time of sunrise 05 h. 57 m.
sunset 17 h. 23 m.

Month October 1937 ١٩٣٧ اكتوبر شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٣٧-١٠-١٦

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

No.	Region	Station	15th 14h: Bar. Pressure reduced to M.S.L. mb	Wind Dir.	Force	Temperature °C	Humidity %	Present Weather	Visibility	16th 8h: Bar. Pressure 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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
	Mediterranean	SALÛM	1013.9	WNW	7	23.7	39	3	7	1015.2	-1.8	NW	4	17.0	24	—	13	—	75	—	1	6	Sc	1	dr	4	—
	Mediterranean	MATRÛH	1011.5	NNW	4	23.7	81	2	6	1012.7	-3.7	SW	2	19.6	24	-2	17	-1	82	+8	3	6	Sc	5	tr	tr	10
	Mediterranean	DIKHEILA	1011.9	WNW	3	25.0	70	1	8	1014.4	—	S	3	19.9	27	—	19	—	80	—	5	5	Cb	5	dr	dr	—
132	Mediterranean	ALEXANDRIA	1010.6	WNW	4	27.2	51	2	9	1012.6	-4.0	—	0	22.6	28	0	19	-1	65	-5	2	8	Sc	5	dr	dr	3
159	Mediterranean	DAMIETTA								1012.2	—	SSW	2	22.8	30	—	19	—	67	—	1	8	Cc	2	dr	dr	3
134	Mediterranean	PORT SAÎD	1010.2	NNW	3	29.8	53	1	7	1012.2	-2.4	WSW	3	24.1	30	+2	22	+1	63	-6	1	7	Ac	1	dr	dr	1
135	Mediterranean	EL 'ARÎSH								1011.5	—	WSW	2	25.0	34	—	22	—	70	—	4	6	St	1	0	0	1
136	Lower Egypt	DAMANHÛR								1013.4	-3.0	WNW	1	18.1	29	-1	18	+2	92	+8	5	7	Sc	6	tr	tr	2
137	Lower Egypt	MANSÛRA								1012.3	—	W	1	21.5	31	0	18	+1	75	-3	1	7	Cs	1	0	0	1
	Lower Egypt	TANTA	1010.2	NE	2	29.6	50	2	8	1012.8	-4.0	N	2	22.0	30	-1	16	0	72	-6	0	8	—	0	0	0	0
	Lower Egypt	ZAGÂZÎG	1010.3	NW	1	28.9	54	1	8	1013.3	—	WSW	1	23.9	30	0	18	+2	67	-12	0	8	Ci	1	0	0	0
	Middle Egypt (Cairo)	ALMÂZA	—	NNW	2	29.4	56	2	8	1013.6	—	—	0	22.1	30	—	17	—	72	—	3	7	Sc	2	0	dr	—
	Middle Egypt (Cairo)	EZBEKÎYA	1009.3	NNW	1	30.3	50	1	8	1013.0	-2.8	—	0	22.0	31	+1	19	+2	76	-2	3	4	Cu	1	dr	dr	1
	Middle Egypt (Cairo)	GÎZA	1009.3	N	3	29.5	52	2	7	1013.1	-2.6	NNW	1	21.8	30	+1	17	+2	75	-7	2	6	Cu	1	0	dr	1
143	Middle Egypt	HELWÂN	1008.0	NNW	5	29.0	39	2	6	1012.7	-3.3	—	0	23.0	32	+2	18	0	66	0	2	5	Sc	1	0	0	0
144	Middle Egypt	SUEZ	1008.3	NW	2	32.5	26	1	8	1012.4	-2.8	NNE	2	23.2	33	+2	20	0	72	-5	1	8	As	0	0	0	2
153	Upper Egypt	FAIYÛM	1010.0	N	2	31.8	35	2	8	1013.4	-2.0	NNW	2	24.5	33	+2	19	+2	60	-14	0	7	—	0	0	0	0
154	Upper Egypt	MINYA	1008.2	NNW	1	35.0	30	0	8	1013.1	-2.7	NNW	3	23.0	35	+6	19	+2	66	-9	0	7	—	0	0	0	—
155	Upper Egypt	ASYÛT	1007.8	WSW	3	33.2	25	0	8	1012.2	-2.6	WNW	3	23.2	34	+4	21	+3	69	+2	0	7	—	0	0	0	0
156	Upper Egypt	QENA	1007.1	WNW	1	31.4	47	4	7	1011.4	-2.1	ENE	1	27.0	35	0	20	+2	56	0	0	7	—	0	0	0	—
157	Upper Egypt	LUXOR	1006.8	—	0	33.2	55	4	7	1010.7	—	NNW	1	28.0	38	—	19	—	52	—	0	8	—	0	dr	dr	—
158	Upper Egypt	ASWÂN	1004.4	—	0	38.3	27	3	8	1009.5	-3.6	N	2	28.2	41	+4	24	+4	34	-7	2	8	Cu	2	0	dr	—
148	Western Desert	SÎWA	1012.0	NNW	1	29.3	67	0	6	1015.2	-1.1	—	0	22.1	30	-2	14	-1	90	+28	0	6	—	0	0	0	0.
149	Western Desert	BAHARÎYA	1009.9	WNW	3	31.1	41	0	9	1014.0		SW	1	23.0	32	—	17	—	59	—	0	9	—	0	0	0	—
151	Western Desert	KHÂRGA	1010.0	NNW	2	35.2	43	0	9	1013.4	-1.0	N	3	23.8	35	+1	19	+1	73	+20	0	9	—	0	0	0	dr
152	Western Desert	DÂKHLA	1008.3	NNW	2	36.3	15	0	8	1013.3	-2.0	NNW	2	25.0	38	+5	20	+3	47	+1	0	8	—	0	0	0	—
145	Red Sea	TÔR	1006.7	NW	2	31.0	69	0	6	1010.6	-3.0	NE	1	26.9	31	+2	20	+2	60	-8	0	6	—	0	0	0	0
146	Red Sea	HURGHÂDA																									
147	Red Sea	QUSEIR	1008.3	N	3	32.7	44	0	6	1010.4	-3.0	N	2	30.1	34	+3	25	+2	51	+4	0	6	—	0	dr	dr	0
169	Red Sea	PORT SUDAN								1010.2	-1.6	SE	1	32.4	—	—	25	+1	70	+6	3	—	—	0	0	0	5
165	North Sudan	WÂDI HALFA								1010.3	-2.8	NNE	2	27.3	39	+3	24	+5	31	-5	0	8	Ac	0	—	—	—
166	North Sudan	KAREIMA								1007.1	-3.8	NNE	4	33.3	42	+2	29	+6	12	-17	3	8	Cb	8	dr	dr	0
167	North Sudan	'ATBARA								1006.7	-3.2	WSW	2	32.0	41	+2	26	+2	36	+12	0	—	—	0	0	0	0
168	North Sudan	KHARTÛM								1006.1	-2.9	NW	2	32.6	43	+3	28	+4	34	-1	2	8	Ac,Cc	0	0	2	2
170	North Sudan	KASSALA								1007.0	-2.8	S	4	30.6	38	0	24	+1	53	+8	1	8	Ci	0	0	dr	5
171	Central Sudan	WAD MEDANI								1006.7	-2.7	W	2	31.0	39	0	23	+1	41	-6	2	—	—	0	0	1	6
173	Central Sudan	DUEIM								1007.4	-1.9	S	2	31.4	41	+2	24	+2	49	+2	2	—	—	0	0	8	6
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1007.8	-2.5	W	2	29.6	38	+2	20	0	50	-19	0	—	—	0	0	5	15
174	Central Sudan	EL OBEID								1008.8	-2.4	SSW	2	25.8	37	+1	24	+5	69	+21	4	8	Ac,Cs	1	3	7	9
175	Central Sudan	EL FASHER								—	—	NE	1	28.5	37	+1	22	+4	64	+28	1	—	—	0	0	14	4
176	S. Sudan	MALAKÂL								1008.8	-2.2	SW	2	26.6	35	+1	23	+2	77	+1	1	8	Ac,Cc	1	0	8	39
177	S. Sudan	WAU								1009.4	-0.7	SW	1	25.0	34	0	21	+1	80	+1	1	—	—	2	3	96	61
178	S. Sudan	JÛBA								1013.3	+2.0	SE	3	21.2	35	+1	19	-1	100	+21	4	8	Fn	6	19	66	45
179		Geneina								—	—	NE	3	19.9	36	—	15	—	72	—	3	8	Cs	0	0	0	—
180		Gallabat																									

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

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

Height metres above M.S.L.	Salum 07h 00m Dir.	Kms	Matruh 07h 00m Dir.	Kms	Dikheila 09h 15m Dir.	Kms	Cairo 08h 00m Dir.	Kms	Helwan 09h 30m 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	El Obeid 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Juba 07h 00m Dir.	Kms	Almaza 15th 11h 15m Dir.	Kms
200	270	18	300	13	0	19	300	11	300	15	—	—	—	—	30	19	—	—	—	—	—	—	—	—	—	—	—	—	0	9
500	—	—	330	24	20	19	290	20	310	14	340	19	10	31	40	47	30	43	320	31	—	—	—	—	250	19	—	—	10	9
1000	330	19	310	24			270	36	290	21	290	23	10	32	30	48	30	29	330	45	200	42	260	6	290	8	210	21	170	11
1500	350	14	320	32			230	30	270	32	280	16	10	22	10	40	10	50	340	32	230	31	150	5	0	5	150	34		
2000	330	29	Ent Sc						230	31					0	40	50	27	340	32	220	24	130	8	80	19	180	27		
3000									240	52							210	16	90	8	240	14	110	13			210	23		
4000																							130	14						
5000																							210	6						
6000																														

Forecast for 24 hours from noon on 16th

Westerly winds, light to moderate inland, moderate to fresh on the coast.
Some low cloud.
Possibly light rain near the coast.
Normal temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٦
رياح غربية خفيفة الى معتدلة في الداخل ومعتدلة الى شديدة
نوعا على الساحل. بعض سحب منخفضة
يحتمل امطار خفيفة قرب الساحل
درجة الحرارة حول المعدل

Mean of day

Station	Humidity on 15th	Diff. from normal	Wet bulb temp. on 15th	Diff. from normal
Alexandria	60	-8	19.8	+0.5
Ezbekiya	72	+6	21.9	+2.5
Giza	69	+1	21.2	+1.8
Helwan	56	+2	19.8	+2.3

Giza Grass minimum on 16th 15.2 °C

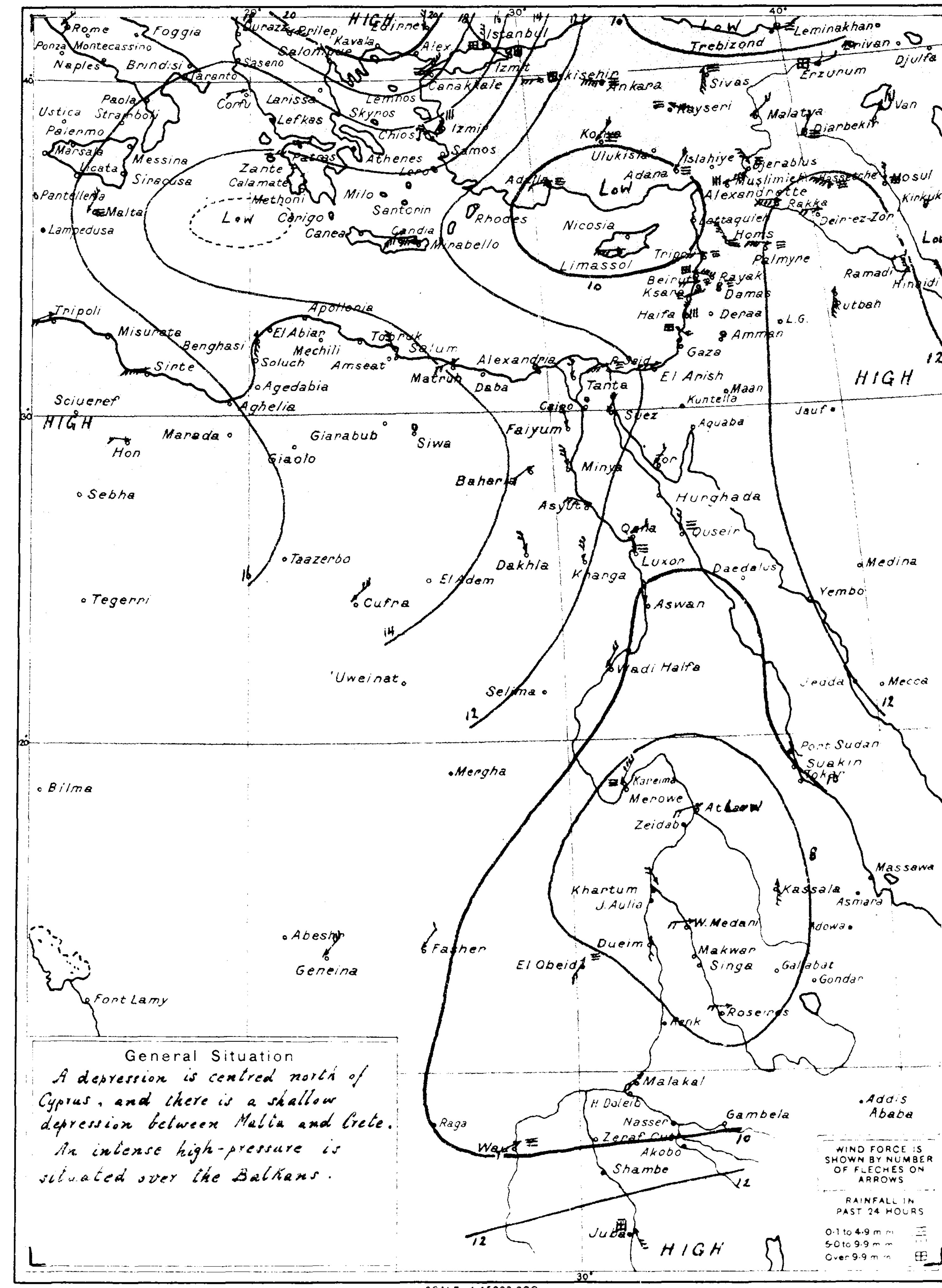
Discharges at Aswan measured by sluices m^3 per sec.

Date	1937	1936
16-10	4492	5505
15-10	4562	5706

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	15-10	13.67	-0.05	13.68	-0.06
Nâsser	15-10	10.64	+0.11	10.63	+0.10
Malakâl	16-10	12.39	+0.09	12.38	+0.08
Roseires	16-10	15.52	-0.59	15.62	-0.59
Sennâr Res.	15-10	17.22	—	17.20	—
Khartûm	15-10	13.31	-0.83	13.38	-0.82
Kh. el Girba	15-10	11.50	-0.28	11.60	-0.23
'Atbara	15-10	12.60	-0.65	12.67	-0.63
Kajnarti	16-10	138.56	-0.79	138.77	-0.73
Wâdi Halfa	16-10	5.77	-0.35	5.90	-0.30
Aswân Res.	16-10	99.88	—	99.90	—
D.S.	16-10	89.92	-0.76	90.12	-0.64
El Leis.	16-10	22.25	-0.22	22.33	-0.11
Rôda (Cairo)	16-10	18.26	-0.24	18.38	-0.12

Printed by the Survey of Egypt 1936 (367/530)

Pressure and Wind at 8 h. 16-10-37



General Situation

A depression is centred north of Cyprus, and there is a shallow depression between Malta and Crete. An intense high-pressure is situated over the Balkans.

At 8 h. on 15th ساعة ٨ يوم ١٥

Station	Bar. Pressure 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 mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm	مرصد
Limassol	1009	-6	NW	2	29	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1010.8	-3.1	ENE	2	27.5	35	+6	21	+4	65	+1	2	—	—	—	0	27	8	حيفا
Gaza	1011.2	-3.0	—	0	23.7	32	+4	18	+1	65	-3	0	9	—	0	0	0	4	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 17 h. 22 m.

Month October 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٧-١٠-٣٧

1417 F.C.

At 14h. on 16th — الساعة ١٤ يوم ١٦

No.	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	MEDITERRANEAN: SALÛM	1014.2	SW	3	24.3	32	1	8
	MATRÛH	1013.3	NNW	2	23.3	78	2	6
	DIKHEILA	1014.0	NNW	2	24.0	59	0	8
132	ALEXANDRIA	1013.3	N	2	25.4	57	2	4
159	DAMIETTA							
134	PORT SAÏD	1012.4	NNW	7	27.8	52	0	7
135	EL 'ARÎSH	1011.5	SW	4	28.0	52	0	7
136	LOWER EGYPT: DAMANHÛR							
137	MANSÛRA							
	TANTA	1013.4	N	2	28.3	53	0	8
	ZAGÂZÎG	1013.0	SW	2	27.6	44	2	8
	MIDDLE EGYPT: CAIRO ALMÂZA	1013.0	WNW	3	27.7	45	2	8
	CAIRO EZBEKÎYA	1012.3	NNW	1	29.5	35	0	8
	CAIRO GÎZA	1012.3	NW	2	28.2	34	1	8
143	HELWÂN	1012.2	WNW	3	27.8	27	0	9
144	SUEZ	1012.0	NE	3	28.4	38	1	8
153	UPPER EGYPT: FAIYÛM	1012.4	NNW	3	29.0	37	0	8
154	MINYA	1011.8	NNE	2	29.0	37	0	8
155	ASYÛT	1011.1	WSW	3	29.0	47	0	8
156	QENA	1009.5	WNW	1	34.4	35	0	7
157	LUXOR	1008.8	NE	2	35.7	38	0	8
158	ASWÂN	1006.6	NNW	1	36.6	18	2	8
148	WESTERN DESERT: SÎWA	1014.0	W	2	26.7	82	0	6
149	BAHARÎYA	1013.5	NW	2	28.0	34	0	9
151	KHÂRGA	1010.4	N	4	33.4	42	0	4
152	DÂKHLA	1010.8	NNW	3	31.0	32	0	7
145	RED SEA: TÔR	1009.5	NW	3	31.5	51	0	6
146	HURGHÂDA							
147	QUSEIR	1004.9	NE	2	30.2	58	0	6
164	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	Gencina							
180	Gullabat							

At 8h. on Sunday 17th — الساعة ٨ يوم الأحد ١٧

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.
SALÛM	1015.0	-2.1	WSW	6	18.1	26	—	16	—	59	—	0	6	Sc	0	0	4	—
MATRÛH	1015.0	-1.5	SSE	4	20.4	24	-2	17	-1	82	+8	2	6	Sc	2	tr	tr	10
DIKHEILA	1016.7	—	SSE	2	21.0	25	—	16	—	78	—	0	8	Cu	1	dr	dr	—
ALEXANDRIA	1016.0	-0.7	—	0	22.4	28	0	19	-1	65	-5	0	8	—	0	0	dr	3
DAMIETTA	1015.6	—	S	1	25.2	28	—	19	—	67	—	2	8	Cu	1	0	dr	3
PORT SAÏD	1016.0	+1.3	ESE	3	24.8	29	+1	21	0	57	-12	0	7	—	1	0	dr	2
EL 'ARÎSH	1015.5	—	ESE	1	23.0	28	—	18	—	60	—	0	7	—	0	0	0	1
DAMANHÛR	1016.4	-0.1	NE	1	20.8	28	-2	16	0	74	-10	0	6	—	0	tr	tr	2
MANSÛRA	1015.9	—	NNE	1	22.3	28	-3	17	0	71	-7	0	8	—	0	0	0	1
TANTA	1016.0	-0.9	—	0	21.6	29	-2	15	-1	77	-1	0	8	—	0	0	0	0
ZAGÂZÎG	1016.2	—	NNE	1	23.2	29	-1	16	0	75	-4	0	8	—	0	0	0	0
ALMÂZA	1015.6	—	ESE	2	24.8	28	—	15	—	56	—	0	7	Sc	0	0	dr	—
EZBEKÎYA	1015.9	+0.1	—	0	21.7	30	0	17	0	82	+4	6	4	—	0	0	dr	1
GÎZA	1016.0	+0.2	NNW	1	20.4	30	+1	14	-1	80	-2	0	5	—	0	0	dr	1
HELWÂN	1015.8	-0.3	—	0	21.0	28	-1	19	+1	67	+1	0	5	—	0	0	0	1
SUEZ	1016.0	+0.8	NNW	1	21.8	30	0	18	-2	72	-5	0	8	—	0	0	0	0
FAIYÛM	1016.0	+0.5	NNE	2	22.1	30	0	15	-2	66	-8	0	7	—	0	0	0	0
MINYA	1015.8	-0.1	N	2	21.3	30	+1	17	0	61	-14	0	7	—	0	0	0	—
ASYÛT	1016.0	+1.1	WNW	2	23.2	30	0	18	0	52	-15	0	7	—	0	0	0	0
QENA	1014.3	+0.6	WNW	2	25.2	36	+1	20	+2	58	+2	1	8	Cu	1	0	0	—
LUXOR	1013.5	—	ESE	2	26.6	36	—	19	—	60	—	1	8	Cu	1	0	dr	—
ASWÂN	1013.1	-0.1	N	2	27.0	38	+2	24	+4	43	+2	0	8	—	0	0	dr	—
SÎWA	1015.8	-0.6	—	0	19.9	28	-4	10	-5	69	+7	0	6	—	0	0	0	0
BAHARÎYA	1016.8	—	WSW	1	19.0	28	—	11	—	55	—	0	7	—	0	0	0	—
KHÂRGA	1015.6	+1.1	N	3	23.5	34	0	19	+1	65	+12	0	9	—	0	0	0	dr
DÂKHLA	1015.1	-0.3	SSW	1	22.2	32	-1	17	0	39	-7	0	8	—	0	0	0	—
TÔR	1014.3	+0.7	NW	2	25.5	32	+3	19	+1	62	-6	0	6	—	0	0	0	0
HURGHÂDA	1014.6	+0.9	NNW	4	26.5	32	+2	20	+1	65	+10	0	5	Ci	1	0	dr	0
QUSEIR	1012.8	-0.7	N	2	28.1	33	+2	24	+1	79	+32	0	6	—	0	0	dr	0
PORT SUDAN	1011.1	-0.8	NW	1	32.2	—	—	27	+3	69	+4	3	—	—	0	0	0	5
WÂDI HALFA	1013.1	-0.1	NNE	3	25.0	38	+2	22	+3	44	+8	0	8	Ac	0	—	—	
KAREIMA	1006.9	-2.1	NE	4	33.8	39	-1	30	+7	18	-11	2	8	Cb	8	dr	dr	1
'ATBARA	1008.6	-1.3	E	2	33.8	42	+3	28	+5	32	+8	0	—	—	0	0	0	1
KHARTÛM	1006.9	-2.1	NNE	4	32.0	41	+1	26	+2	38	+3	3	8	Ac,Ci	0	0	2	3
KASSALA	1008.4	-1.4	SSE	3	28.0	40	+2	24	+1	63	+18	1	8	Ac,Cs	0	0	dr	6
WAD MEDANI	1008.6	-0.8	SSW	2	29.0	40	+1	23	+1	52	+5	0	—	—	0	0	1	6
DUEIM	1008.7	-0.6	SW	3	29.8	40	+1	23	+1	53	+6	0	—	—	0	0	8	6
RENK																		
ROSEIRES	1009.3	-1.0	WSW	2	28.4	37	+1	20	0	59	-10	0	—	—	1	dr	5	16
EL OBEID	1009.6	-1.6	WSW	3	27.0	36	0	24	+5	63	+16	3	8	Ac	1	0	7	10
EL FÂSHER	—	—	S	1	25.0	37	+1	21	+3	80	+44	0	—	—	0	0	14	4
MALAKÂL	1011.0	0.0	W	2	26.9	33	-1	22	+1	63	-13	3	8	Ac,Ci	1	0	8	41
WÂU	1011.8	+1.7	SW	1	23.0	35	+1	21	+1	88	+9	4	—	—	1	2	98	66
JÛBA	1013.5	+2.2	S	3	24.0	32	2	21	+1	83	+4	4	8	Sc	5	1	67	49
Gencina	—	—	S	2	21.3	35	—	19	—	91	—	3	8	Sc	1	1	1	—
Gullabat																		

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.00m Dir.	Kms	Cairo 08h.15m Dir.	Kms	Helwan 08h.15m Dir.	Kms	Asyût 07h.00m Dir.	Kms	Aswan 07h.00m Dir.	Kms
200	250	39	180	46	160	35	110	4	100	2	—	—	—	—
500	—	—	180	36	170	26	310	1	80	11	30	22	30	32
1000	220	35	210	24	200	9	200	4	340	5	310	12	70	32
1500	250	12	210	28	250	10	230	2	150	7	230	31	20	23
2000	220	53			300	2	220	27	230	6	230	39	30	16
3000					230	16	210	37	220	42	220	22		
4000									210	43				
5000														
6000														

Height	W. Halfa 06h.00m Dir.	Kms	Kareima 06h.00m Dir.	Kms	Khartum 06h.00m Dir.	Kms	Kassala 06h.00m Dir.	Kms	Malakal 06h.00m Dir.	Kms	Juba 07h.00m Dir.	Kms	Salum 16th 13h.00m Dir.	Kms	Almaza 16th 11h.45m Dir.	Kms
200	10	24	—	—	—	—	—	—	—	—	—	—	250	20	290	19
500	30	42	30	43	10	29	—	—	130	8	—	—	250	10	280	18
1000	30	50	30	37	30	39	210	31	220	18	230	10	260	14	260	21
1500	20	40	30	53	40	18	210	10	210	14	180	24	280	34	240	22
2000	20	29	30	53	70	8	110	24	140	16	150	24	Tail.		220	42
3000	110	8			100	10	80	16	90	24						
4000					110	18			70	32						
5000																
6000																

Forecast for 24 hours from noon on 17th

On the coast fresh Southerly winds, strong at times, and veering later to west.
Inland variable winds.
Unsettled, probably with light rain later, near the coast.
Little change in temperature.

يوم ١٧

رياح جنوبية نشطة أحيانا على الساحل ثم تتحول الغربية
ورياح مختلفة الاتجاه في الداخل . الطقس متقلب بالقرب من الساحل
حيث يحتمل أنه يصحبه مطر خفيف فيما بعد .
ولا تتغير درجة الحرارة إلا قليلا ؟

Mean of day

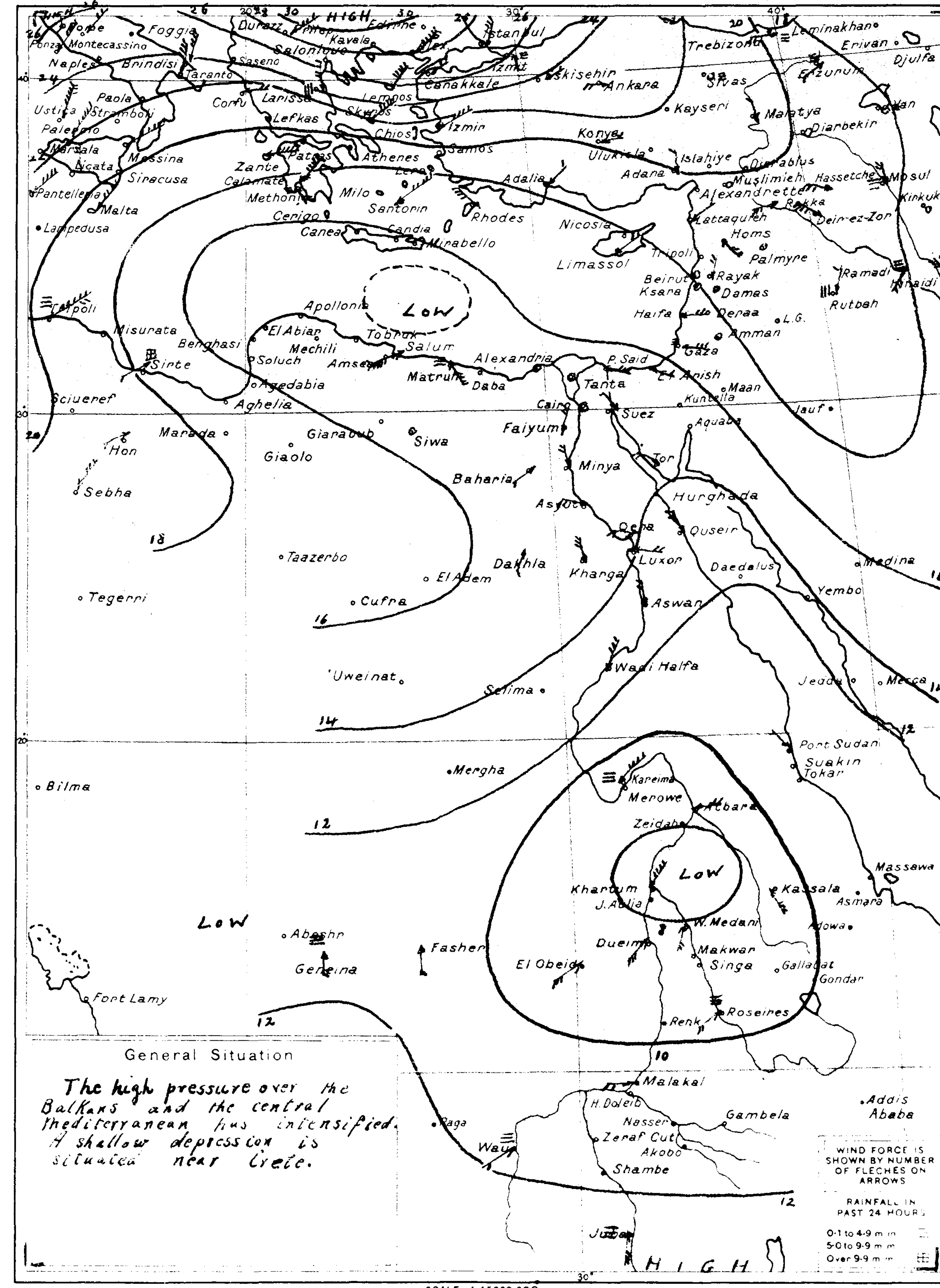
Station	Humidity 16th	Diff. from normal	Wet bulb temp. 16th	Diff. from normal
Alexandria	64	-4	18.9	-0.3
Ezbekiya	61	-5	18.7	-0.6
Giza	67	-1	18.3	-1.0
Helwan	46	-8	17.1	+0.1
Giza	17th	10.7		

Discharges at Aswan

Date		
17-10	4271	5375
16-10	4492	5505

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	17-10	14.21	+0.52	14.18	+0.48
Nasser	16-10	10.64	+0.10	10.64	+0.11
Malakâl	17-10	12.39	+0.09	12.39	+0.09
Roseires	17-10	15.42	-0.60	15.52	-0.59
Sennâr Res	16-10	17.20	—	17.22	—
Khartum	16-10	13.26	-0.83	13.31	-0.83
Kh. el Girba	16-10	11.50	-0.23	11.50	-0.28
Atbara	17-10	12.47	-0.71	12.53	-0.67
Kajarti	16-10	138.56	-0.79	138.77	-0.73
Wadi Halfa	17-10	5.65	-0.40	5.77	-0.35
Aswan Res	17-10	100.65	—	99.88	—
D.S	17-10	89.72	-0.88	89.92	-0.76
[illegible]	17-10	22.20	-0.28	22.25	-0.2[illegible]
Roda (Cairo)	17-10	18.19	-0.35	18.26	-0.24

Pressure and Wind at 8 h. 17-10-37



General Situation

The high pressure over the Balkans and the central Mediterranean has intensified. A shallow depression is situated near Crete.

At 8 h. on 16th — الساعة ٨ يوم ١٦

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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	مرصد
Hurghada	1011.1	-2.5	NNW	4	27.2	33	+3	20	0	63	+8	0	6	—	0	dr	dr	0	الغردقة
Limassol	1004	-6	W	4	22	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1010.8	-3.1	N	3	25.1	31	+2	19	+2	61	-3	9	—	—	—	7	34	8	حيفا
Gaza	1011.8	-2.5	—	0	25.0	33	+5	19	+2	64	+1	2	5	—	1	0	0	4	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 16-8-1937 published on 19-8-1937 should read 9.98 instead of 9.96 m.

ملحوظة - صحة قراءة مقياس النيل بالناصر يوم ١٦/٨/١٩٣٧ المذكورة بتقرير ١٩/٨/١٩٣٧ هي ٩٫٩٨ بدلا من ٩٫٩٦ مترا

ANNUAL SUBSCRIPTION

Inland Post P.T. [illegible]

Abroad P.T. 150

CAIRO

Time of sunrise 05 59
sunset 17 21

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

Month *October* 1937 ١٩٣٧ شهر اكتوبر

DAILY WEATHER REPORT ٣٧-١٠-١٨

At 8h. 17th ١٧ — At 8h. on Monday 18th الساعة ٨ يوم الاثنين ١٨

No.	STATION	17th: Barometric Pressure Reduced to M.S.L. mb	17th: Wind Dir	17th: Force	17th: Temp °C	17th: Humidity %	17th: [illegible]	17th: [illegible]	Bar. pressure 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 mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm
	MEDITERRANEAN																									
	SALÛM	1013.4	WSW	7	26.8	29	3	4	1015.2	-2.0	W	5	17.3	27	—	16	—	62	—	0	6	Ci	1	0	4	—
	MATRÛH	1012.7	SSW	3	28.3	65	0	6	1015.1	-1.4	S	3	20.9	29	+3	17	-1	44	-30	0	6	—	0	0	tr	11
	DIKHEILA	1015.1	NNW	2	26.0	52	0	8	1016.3	—	SE	2	22.0	28	—	17	—	72	—	0	8	Ac	0	0	dr	—
132	ALEXANDRIA	1014.2	NNE	2	27.3	50	0	9	1016.6	-0.2	SSE	2	20.9	29	+1	19	-1	81	+11	0	8	—	0	0	dr	3
159	DAMIETTA								1016.6	—	E	1	26.0	29	—	18	—	66	—	0	8	—	0	0	dr	3
134	PORT SAÎD	1014.3	NE	3	26.6	46	0	7	1016.6	+1.9	ENE	2	25.6	29	+1	20	-1	54	-15	0	7	—	0	0	dr	2
135	EL 'ARÎSH	1013.4	NNW	3	28.0	57	0	7	1016.6	—	—	0	27.0	28	—	19	—	64	—	0	7	—	0	0	0	1
	LOWER EGYPT																									
136	DAMANHÛR								1016.8	+0.2	E	2	22.5	30	0	18	+2	71	-8	0	6	—	0	0	tr	2
137	MANSÛRA								1016.2	—	NNE	1	22.9	30	-1	17	0	77	-1	0	8	Cs	1	0	0	1
138	TANTA	1014.2	—	0	29.4	44	0	8	1016.7	-0.3	—	0	22.0	30	0	16	0	76	-2	0	8	—	0	0	0	0
	ZAGÂZÎG	1014.2	SW	1	28.4	42	0	8	1017.4	—	ESE	1	25.1	29	-1	17	+1	63	-16	1	8	Ci	1	0	0	0
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1014.3	W	3	29.9	38	0	8	1016.3	—	ESE	3	25.8	30	—	17	—	56	—	2	7	Sc	2	0	dr	—
	CAIRO EZBEKÎYA	1013.3	—	0	30.2	32	0	8	1016.7	+0.8	—	0	23.7	31	+1	18	+1	68	-10	1	4	Ac	1	0	dr	1
	CAIRO GÎZA	1013.4	NW	1	29.4	30	0	8	1016.4	+0.6	—	0	21.7	32	+3	15	0	77	-5	1	5	Cu	1	0	dr	1
143	HELWÂN	1013.1	—	0	29.0	24	0	9	1016.6	+0.4	—	0	28.4	30	+1	18	0	53	-13	0	6	Cu	0	0	0	1
144	SUEZ	1013.5	SSW	1	29.1	38	0	8	1016.7	+1.4	WNW	1	21.9	31	+1	16	-3	58	-19	0	8	—	0	0	0	2
	UPPER EGYPT																									
153	FAIYÛM	1014.0	N	2	29.0	27	0	8	1016.7	+1.1	NNE	1	23.8	32	+2	14	-2	41	-33	0	7	—	0	0	0	0
154	MINYA	1013.5	NNW	2	29.0	27	0	9	1016.4	+0.4	N	1	22.5	30	+1	17	0	55	-20	2	8	As	1	0	0	—
155	ASYÛT	1012.8	W	3	28.6	38	0	8	1015.6	+0.6	WSW	2	25.0	30	0	19	+2	47	-20	0	7	—	0	0	0	0
156	QENA	1011.5	WSW	1	35.5	36	1	8	1015.1	+1.3	ENE	1	25.8	37	+3	19	+1	46	-10	0	8	—	0	0	0	—
157	LUXOR	1010.8	FNE	2	35.2	40	1	8	—	—	ENE	1	26.2	36	—	18	—	60	—	0	8	—	0	0	dr	—
158	ASWÂN	1007.5	N	2	36.3	22	2	8	1014.0	+0.7	—	0	27.4	38	+2	24	+4	37	-5	0	8	—	0	0	dr	—
	WESTERN DESERT																									
148	SÎWA	1013.6	W	1	29.7	72	2	6	1015.6	-0.4	—	0	20.0	30	-1	12	-3	65	+3	0	6	—	0	0	0	0
149	BAHARÎYA	1013.9	NE	1	29.2	34	0	9	1016.7		—	0	23.0	30	—	14	—	41	—	0	9	—	0	0	0	—
151	KHÂRGA	1013.3	NNW	4	32.1	41	0	9	1015.8	+1.3	N	4	22.9	33	-1	20	+2	62	+9	0	9	—	0	0	0	dr
152	DÂKHLA	1009.8	NNW	1	31.2	26	0	8	1015.5	-0.1	—	0	22.1	32	-1	16	-1	44	-2	0	8	—	0	0	0	—
	RED SEA																									
145	TOR	1011.8	NW	2	30.0	62	0	6	1015.4	+1.7	N	2	26.0	31	+2	18	0	39	-29	0	6	—	0	0	0	0
146	HURGHÂDA								1014.8	+1.0	NNW	3	27.5	31	+1	19	0	65	+30	0	6	—	0	0	dr	0
147	QUSEIR	1011.9	N	2	31.1	54	0	6	1015.0	+1.4	NNW	1	30.9	32	+1	24	+1	55	+8	0	6	—	0	0	dr	0
164	PORT SUDAN								1013.1	+1.1	NW	1	31.5	—	—	27	+3	72	+7	1	—	—	0	0	0	5
	NORTH SUDAN																									
165	WÂDI HALFA								1014.1	+0.8	SE	1	26.2	37	+1	23	+4	34	-2	0	8	—	0	—	—	—
166	KAREIMA								1012.1	+1.0	ENE	2	31.0	39	-1	28	+5	32	+3	2	8	Ac	0	0	dr	1
167	'ATBARA								1011.0	+1.0	ENE	2	31.6	40	+1	26	+3	32	+8	3	—	—	0	1	1	1
168	KHARTÛM								1010.9	+1.8	SE	3	31.2	42	+2	27	+3	48	+13	2	8	Ac	0	dr	2	3
170	KASSALA								1010.4	+0.6	SE	3	27.9	39	+1	24	+1	70	+25	1	8	Ac	8	dr	dr	6
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.4	+2.0	SSE	1	30.3	39	0	24	+2	48	+2	2	—	—	0	0	1	7
173	DUEIM								1011.0	+1.7	S	3	29.2	40	+1	25	+3	59	+13	2	—	—	0	0	8	7
	RENK																									
172	ROSEIRES								1011.5	+1.3	NNW	2	26.7	37	+1	21	+1	65	-4	3	—	—	2	3	8	17
174	EL OBEID								1012.1	+0.8	SW	3	24.1	37	+1	23	+4	83	+36	3	8	Ac,Cs	1	0	7	10
175	EL FÂSHER								—	—	—	0	27.0	37	+1	23	+5	77	+41	2	—	—	0	0	14	5
	S. SUDAN																									
176	MALAKÂL								1012.7	+1.8	S	3	22.8	36	+2	20	-1	83	+8	4	8	Cb	2	12	20	44
177	WAU								1013.1	+3.1	S	2	22.0	31	-3	20	0	96	+17	4	—	—	2	24	122	70
178	JÛBA								1015.9	+4.6	NE	1	23.2	—	—	20	0	91	+13	4	8	Cu	5	dr	67	52
179	Geneina								—	—	NE	3	20.3	32	—	17	—	91	—	3	9	Sc	2	1	2	—
180	Gallabat																									

Upper Wind Observations on 18th ارصاد الرياح العليا يوم ١٨

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	Cairo 08h15m Dir	Kms	Helwan 08h30m Dir	Kms	Asyut 07h00m Dir	Kms	Aswan 07h00m Dir	Kms	W. Halfa 05h00m Dir	Kms	Kareima 05h00m Dir	Kms	Khartum 05h00m Dir	Kms	Kassala 07h00m Dir	Kms	El Obeid 06h00m Dir	Kms	Malakal 06h00m Dir	Kms	Geneina 07h00m Dir	Kms	Salum 17th 13h00m Dir	Kms
200	270	32	220	30	140	43	100	11	60	3	—	—	—	—	80	16	—	—	—	—	—	—	—	—	—	—	—	—	250	53
500	—	—	200	29	140	37	140	9	210	9	60	14	100	19	80	31	80	43	110	27	—	—	—	—	230	14	—	—	—	—
1000	210	39	190	36	160	16	240	18	240	18	100	19	80	31	100	14	70	50	140	31	0	2	250	53	240	11	70	8	230	25
1500	210	57	190	42	170	13	250	18	240	24	160	19	120	22	60	14	60	40	210	24			280	29	260	5	0	8		
2000			190	45	200	24	230	42	220	47	170	24	110	19	40	24	60	34	190	14			10	18	140	6	190	29		
3000									220	48					350	31	60	13					70	21	150	14	130	45		
4000																							80	24	80	31	130	27		
5000																							130	24			130	32		
6000																											130	27		

Forecast for 24 hours from noon on 18th

On the coast moderate to fresh winds between south and west.
Inland variable winds.
Occasional medium cloud.
Little change in temperature.
Probably rain on the coast in the west.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٨
رياح ما بين المعتدلة إلى الشديدة نوعاً ما بين الجنوب والغرب
على الساحل. ورياح مختلفة الاتجاه في الداخل.
سحب متوسط أحياناً. ويحتمل سقوط مطر على الساحل
في الغرب ودرجة الحرارة كما هي

Mean of day

STATION	Humidity % on 17th	Diff from normal	Wet bulb temp °C on 17th	Diff from normal
Alexandria	66	-2	14.3	+0.1
Ezbekîya	66	0	18.9	-0.3
Giza	64	+1	18.1	-1.1
Helwân	44	-10	16.5	-0.5

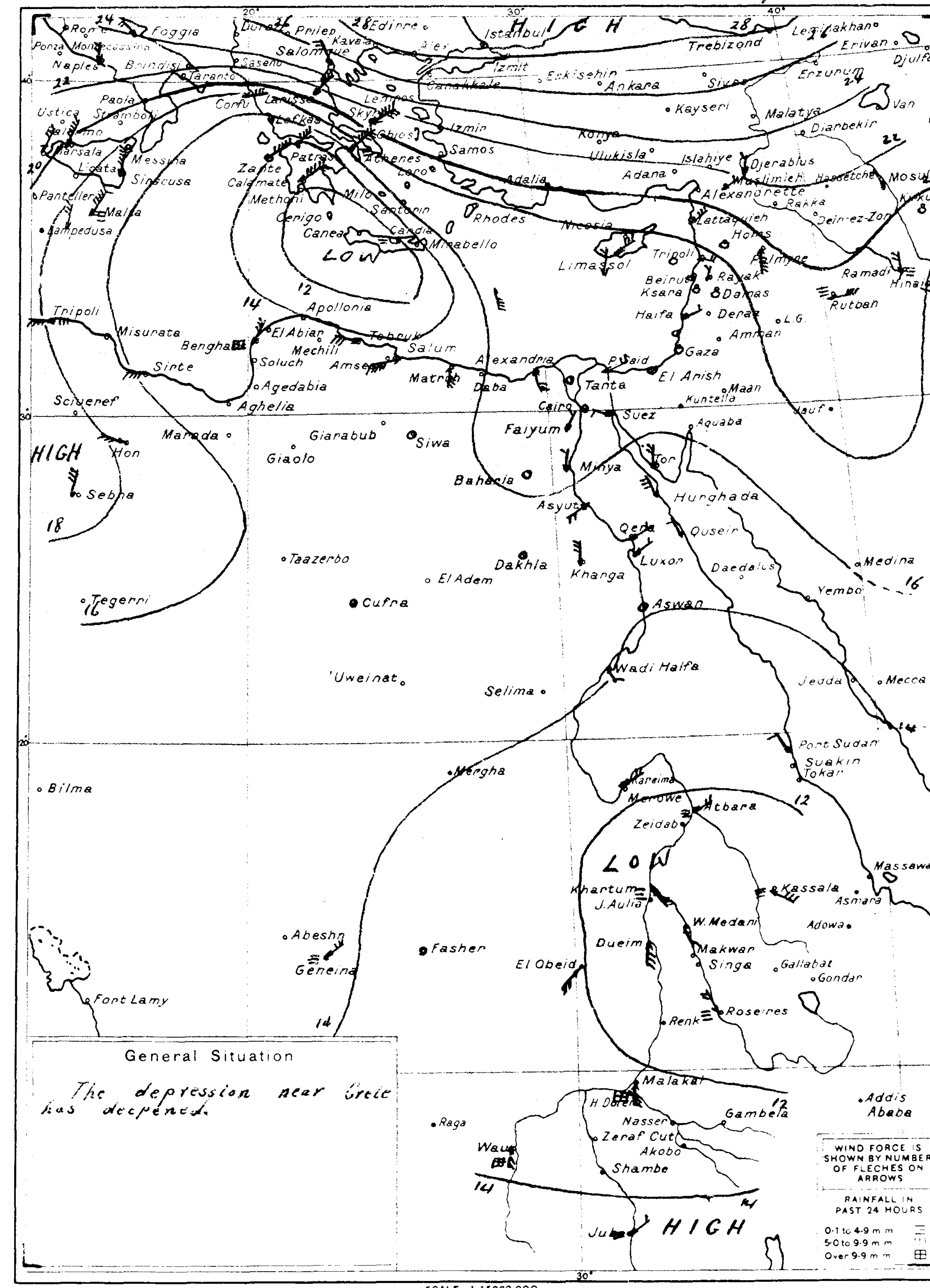
Giza Grass minimum on 18th 12.2 °c

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

DATE	1937	1936
18-10	4005	4974
17-10	4271	5375

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	17-10	14.21	+0.52	14.18	+0.48
Nâsser	17-10	10.64	+0.10	10.64	+0.10
Malakâl	18-10	12.42	+0.12	12.39	+0.09
Roseires	18-10	15.36	-0.56	15.42	-0.60
Sennâr Res.	17-10	17.21	—	17.20	—
Khartûm	17-10	13.20	-0.82	13.26	-0.83
Kh. el Girba	17-10	11.40	-0.28	11.50	-0.23
'Atbara	17-10	12.47	-0.71	12.53	-0.67
Kajnarti	17-10	138.39	-0.86	138.56	-0.79
Wâdi Halfa	18-10	5.54	-0.43	5.65	-0.40
Aswân Res.	18-10	101.52	—	100.65	—
Aswân Res. D.S.	18-10	89.52	-1.00	89.72	-0.88
El Leisi	18-10	22.18	-0.31	22.20	-0.28
Roda (Cairo)	18-10	18.18	-0.40	18.19	-0.35

Pressure and Wind at 8h. 18-10-37.



General Situation

The depression near Grece has deepened.

At 8h. on 17th الساعة ٨ يوم ١٧

STATION	Bar. pressure 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 mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm	مرصد
Limassol	1017	+2	NE	2	19	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1016.3	+2.4	E	2	23.0	26	-3	16	-1	58	-6	0	—	—	—	0	34	9	حيفا
Gaza	1013.9	-.5	—	0	24.7	31	+3	15	-2	54	-14	0	9	—	0	0	0	4	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

Khashm el Girba river gauge reading for 7-7-37 published on 1.7 11-7-37 should read 13.12 instead of 13.41 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 10
sunset 17 20

Month October 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h on 18th — ١٨

No.	Station	Bar. Pressure reduced to M.S.L. mb	Wind Dir	Force	Temp.	Humidity		
	SALUM	1015.2	WSW	6	25.1	30	3	7
	MATRUH	1014.7	SSW	2	29.3	32	3	6
	DIKHEILA	1016.4	NNW	1	31.9	30	2	—
132	ALEXANDRIA	1016.0	—	0	30.5	31	2	9
159	DAMIETTA							
134	PORT SAID	1016.2	NE	3	27.7	60	1	7
135	EL ARISH	1013.4	NNE	3	28.0	70	0	7
136	DAMANHUR							
137	MANSURA							
	TANTA	1015.6	W	2	30.1	43	0	8
	ZAGAZIG	1016.0	NNW	1	30.2	41	1	8
	CAIRO ALMAZA	1015.4	NW	3	31.9	36	2	8
	CAIRO EZBEKIYA	1015.5	NNE	1	32.7	34	0	8
	CAIRO GIZA	1015.5	N	1	31.4	33	1	8
143	HELWAN	1015.2	WSW	1	31.6	19	1	7
144	SUEZ	1015.6	NE	1	31.8	26	0	8
153	FAIYUM	1015.4	WNW	3	31.9	29	2	7
154	MINYA	1015.0	N	2	30.4	24	0	9
155	ASYUT	1014.3	WSW	3	31.0	28	0	8
156	QENA	1012.3	ESE	1	37.1	35	0	8
157	LUXOR	1011.5	WSW	1	37.4	37	0	8
158	ASWAN	1010.4	N	2	39.0	17	0	8
148	SIWA	1015.1	W	1	29.2	57	3	5
149	BAHARIYA	1015.0	N	1	31.9	20	4	9
151	KHARGA	1013.1	NNW	3	32.5	42	0	9
152	DAKHLA	1012.2	WNW	1	37.9	21	0	8
145	TOR	1014.3	NW	2	31.0	41	0	6
146	HURGHADA							
147	QUSEIR	1014.6	NE	2	30.7	51	0	6

At 8h on Tuesday 19th — يوم الثلاثاء ١٩ الساعة ٨

No.	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	Rain Past 24 hours mm	Total fr Oct 1 to yesterday mm	Normal fr Oct 1 to yesterday mm
	SALUM	1019.6	+2.3	WSW	4	19.0	26	—	14	—	36	—	1	6	Cu	0	0	4	—
	MATRUH	1019.1	+2.5	—	0	21.3	30	+4	18	+1	55	-19	2	6	Sc	1	0	tr	12
	DIKHEILA	1018.3	—	ENE	2	25.7	—	—	20	—	65	—	1	—	—	—	0	dr	—
132	ALEXANDRIA	1017.8	+1.0	E	2	25.8	33	+5	21	+1	74	+4	1	9	Ci	0	0	dr	3
159	DAMIETTA	—	—	NE	3	26.8	30	—	22	—	68	—	0	8	—	0	0	dr	4
134	PORT SAID	1017.5	+2.7	ENE	5	27.4	29	+1	25	+5	68	-1	0	7	—	0	0	dr	2
135	EL ARISH	1017.2	—	ESE	1	25.0	30	—	19	—	61	—	0	7	—	0	0	0	1
136	DAMANHUR	1017.8	+1.1	ENE	3	24.0	31	+1	19	+3	75	-10	1	8	Cu	0	0	tr	2
137	MANSURA	1017.5	—	NE	1	23.5	31	+1	20	+3	83	+5	0	8	—	0	0	0	1
	TANTA	1017.6	+0.6	NE	1	23.9	31	+1	17	+1	83	+5	0	8	—	0	0	0	0
	ZAGAZIG	1017.4	—	ESE	2	26.4	31	+1	18	+2	73	-6	0	8	—	0	0	0	0
	CAIRO ALMAZA	1016.7	—	—	0	25.4	32	—	17	—	41	—	0	7	Sc	0	0	dr	—
	CAIRO EZBEKIYA	1016.6	+0.6	NE	1	23.6	34	+5	19	+2	68	-10	1	5	Cu	1	0	dr	1
	CAIRO GIZA	1016.6	+0.7	NNW	1	22.7	34	+5	17	+2	76	-6	0	6	Cu	1	0	dr	1
143	HELWAN	1016.8	+0.6	—	0	21.3	32	+3	18	0	70	+4	0	5	—	0	0	0	1
144	SUEZ	1017.2	+1.9	—	0	22.4	33	+3	18	-1	68	-9	0	7	—	0	0	0	2
153	FAIYUM	1016.2	+0.6	NNE	1	23.9	34	+4	16	0	61	-13	1	6	Cu	1	0	0	0
154	MINYA	1015.6	-0.5	NNW	1	23.3	31	+2	17	0	48	-27	0	8	—	0	0	0	—
155	ASYUT	1016.3	+1.3	ESE	3	26.2	33	+3	19	+2	41	-27	0	8	—	0	0	0	0
156	QENA	1016.3	+2.4	NE	2	27.7	37	+3	20	+2	25	-31	0	8	—	0	0	0	—
157	LUXOR	1015.5	—	ENE	1	27.0	39	—	18	—	61	—	0	8	—	0	0	dr	—
158	ASWAN	1016.0	+2.6	—	0	29.0	42	+6	22	+2	45	+3	0	8	—	0	0	dr	—
148	SIWA	1020.2	+3.7	—	0	20.9	30	-1	14	-1	70	+8	0	6	—	1	0	0	0
149	BAHARIYA	1017.1		S	1	23.4	32	—	11	—	35	—	4	9	—	1	0	0	—
151	KHARGA	1016.2	+1.6	NW	1	25.3	33	-1	19	+1	61	+8	0	9	—	0	0	0	dr
152	DAKHLA	1015.9	+0.2	NNW	3	23.5	39	+6	17	0	29	-17	0	7	—	0	0	0	—
145	TOR	1016.4	+2.6	N	2	26.0	33	+5	18	0	31	-37	0	6	—	0	0	0	0
146	HURGHADA																		
147	QUSEIR																		
169	PORT SUDAN	1013.3	+1.3	N	1	32.5	—	—	26	+2	60	-5	1	—	—	0	0	0	6
165	WADI HALFA	1015.1	+1.7	NNE	1	26.6	40	+4	23	+4	29	-8	2	8	Ac,Ci	0	—	—	—
166	KAREIMA	1012.3	+1.1	NE	1	30.1	40	0	27	+5	36	+7	2	8	Cs	1	0	dr	1
167	ATBARA	1009.4	-0.7	NE	2	30.0	37	-2	25	+2	30	+6	0	—	—	0	0	1	1
168	KHARTUM	1010.0	+0.9	WSW	3	33.0	38	-2	27	+4	44	+9	2	8	Ac,Cc	0	0	2	3
170	KASSALA	1010.8	+1.0	SSE	2	27.8	39	+1	24	+1	70	+25	1	8	Cs	0	0	dr	6
171	WAD MEDANI																		
173	DUEIM	1011.1	+1.8	NW	2	29.6	38	-1	23	+1	56	+10	0	—	—	8	6	14	7
182	RENK																		
172	ROSEIRES	1012.2	+2.0	WSW	2	25.1	38	+2	20	0	74	+6	0	—	—	0	0	8	18
174	EL OBEID	1010.7	-0.6	NW	3	29.0	36	0	23	+4	52	+6	2	8	Ac,Ci	0	0	7	11
175	EL FASHER	—	—	NW	2	25.0	39	+3	22	+5	76	+41	0	—	—	0	0	14	5
176	MALAKAL	1012.7	+1.8	SSE	1	23.7	31	-3	21	0	83	+8	4	8	Ac&As	1	0	20	46
177	WAU	1012.7	+2.7	NW	1	23.2	30	-4	20	0	88	+9	3	—	—	1	0	122	74
178	JUBA	1014.4	+3.1	NW	3	24.6	33	-1	20	0	84	+6	4	9	Sc	5	dr	67	55
179	Geneina	—	—	N	3	19.8	32	—	18	—	91	—	3	8	Sc	2	12	14	—
180	Gallabat																		

Upper Wind Observations on 19th — ارصاد الرياح العليا يوم ١٩

Height metres above M.S.L.	Salum 07h 00m Dir E of N	Kms per hour	Matruh 07h 00m 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 06h 00m Dir	Kms	El Obeid 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Juba 07h 00m Dir	Kms	Geneina 07h 00m Dir	Kms	Almaza 18th 11h 15m Dir	Kms
200	250	27	260	11	110	4	110	8	—	—	—	—	30	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	290	6
500	—	—	270	17	190	11	210	8	140	46	50	25	90	23	80	39	270	27	—	—	—	—	—	0	—	—	—	—	300	7
1000	230	45	240	20	200	28	200	48	150	34	50	48	80	32	90	35	270	11	130	13	310	18	290	8	130	27	80	13	280	8
1500	220	66	260	23	170	28	190	42	200	18	30	39	70	37	70	34	250	13	110	31	320	11	30	11	150	27	310	8	230	31
2000	230	72	200	16			180	30			10	51	60	37	50	26	210	8	110	27	60	18	60	18	190	24	340	21	220	34
3000							220	47					100	8	60	13			90	18			70	31			●	29		
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 19th

Variable winds chiefly northeasterly.
Some medium cloud.
Unsettled near the coast.
Little change in temperature.

تعيين الطقس المنتظر في ٢٤ ساعة من ظهر يوم ١٩
رياح مختلفة الاتجاه غالبها شمالية شرقية - يغلب السحاب المتوسط .
الجو غير ثابت عند الساحل .
درجة الحرارة كما هي

Station	Mean of day Humidity on 18th	Diff from normal	Wet bulb temp. on 18th	Diff from normal
Alexandria	69	+1	19.3	+0.2
Ezbekiya	59	-7	20.4	+1.3
Giza	59	-9	19.7	+0.6
Helwan	37	-17	17.2	+0.3

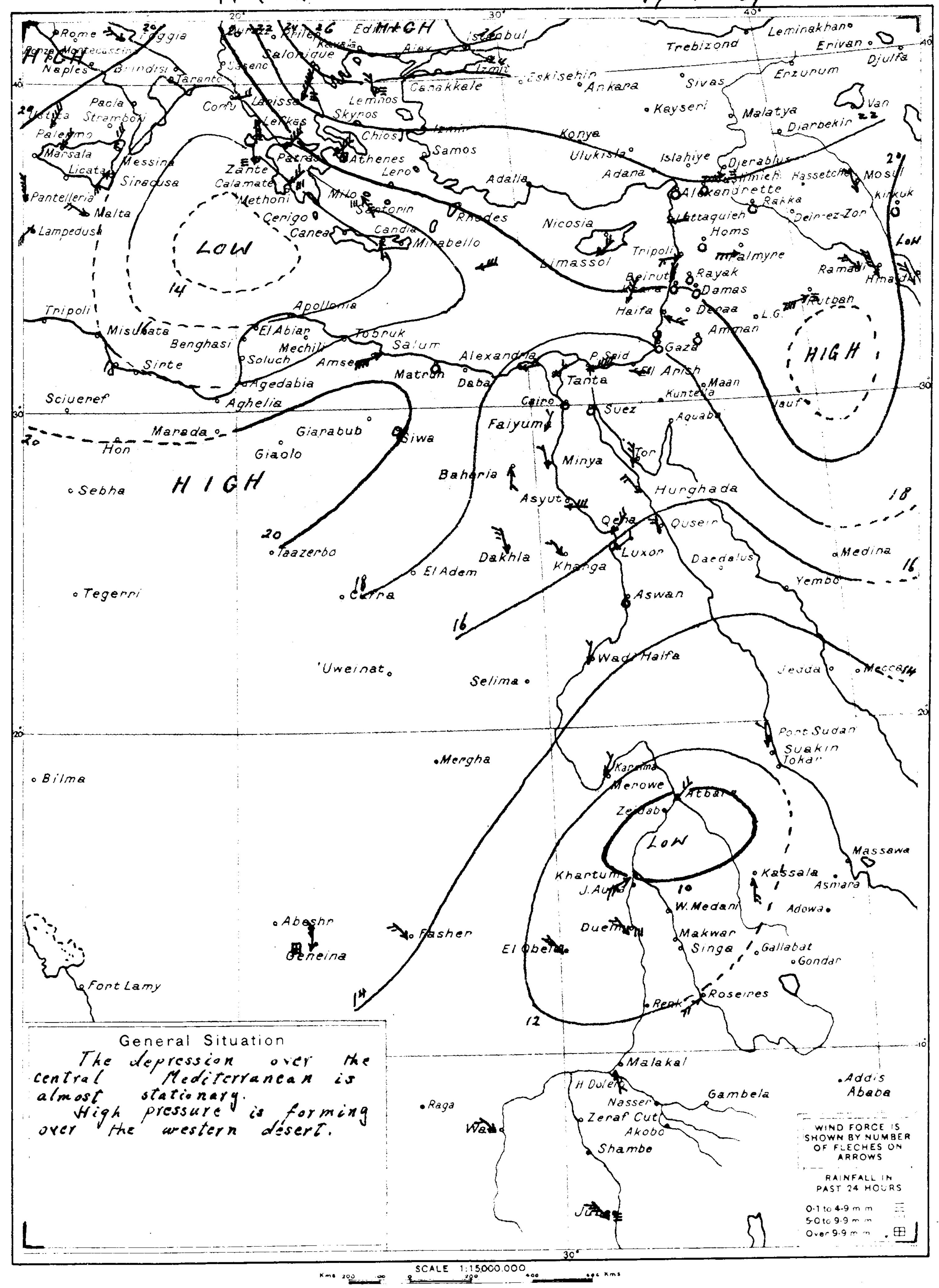
Giza Grass minimum 19th 13.8°C

Discharges at Aswan measured by sluices m^3 per sec

Date	1937	1936
19-10	3778	4809
18-10	4005	4974

Gauge	Date 1937	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Juba	19-10	13.99	+0.31	13.94	+0.26
Nasser	18-10	10.64	+0.09	10.64	+0.10
Malakal	19-10	12.42	+0.12	12.42	+0.12
Roseires	19-10	15.35	-0.45	15.36	-0.56
Sennar Res.	18-10	17.23	—	17.21	—
Khartum	19-10	13.15	-0.74	13.20	-0.76
Kh. el Girba	18-10	11.40	-0.23	11.40	-0.28
Atbara	19-10	12.36	-0.64	12.40	-0.66
Kajnarti	19-10	138.07	-0.96	138.23	-0.89
Wadi Halfa	19-10	5.44	-0.46	5.54	-0.43
Aswan Res	19-10	102.33	—	101.52	—
D.S.	19-10	89.32	-1.08	89.52	-1.00
El Lesi	19-10	22.18	-0.32	22.18	-0.31
Roda (Cairo)	19-10	18.16	-0.42	18.18	-0.40

Pressure and Wind at 8 h. 19-10-37 — ٣٧-١٠-١٩



General Situation

The depression over the central Mediterranean is almost stationary.
High pressure is forming over the western desert.

At 8 h. on 18th — ساعة ٨ يوم ١٨

Station	Bar. Pressure 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	Rain Past 24 hours mm	Total fr Oct 1 to yesterday mm	Normal fr Oct 1 to yesterday mm	مرصد
Limassol	1016	+1	NE	3	25	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1017.0	+3.0	ENE	1	26.0	34	+6	19	+2	48	-15	0	—	—	—	0	34	9	حيفا
Gaza	1016.3	+1.9	—	0	22.9	31	+3	17	0	72	+4	0	9	—	0	0	0	4	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. 00 m.
sunset 17 h. 19 m.

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

DAILY WEATHER REPORT

Month October 1937 ١٩٣٧ شهر اكتوبر

At 14h. on 19th — الساعة ١٤ يوم ١٩ / At 8h. on Wednesday 20th — الساعة ٨ يوم الاربعاء ٢٠

No.	Station	14h Bar. reduced to M.S.L. mb	14h Wind Dir.	14h Force	14h Temperature °C	14h Humidity %	14h Present weather	14h Visibility	8h 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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
	MEDITERRANEAN: SALÛM	1017.6	WSW	5	26.5	20	0	8	1017.4	0.0	NW	4	16.8	26	—	14	—	69	—	1	6	Sc	1	0	4	—
	MATRÛH	1017.5	NNE	2	25.6	55	0	6	1018.0	+1.4	SW	2	19.4	26	0	16	-1	64	-10	1	6	Cu	1	0	tr	12
	DIKHEILA	1017.7	N	2	26.5	73	3	8	1018.4	—	SSW	2	23.2	28	—	19	—	74	—	0	8	Cu	1	0	dr	—
132	ALEXANDRIA	1017.1	—	0	28.8	66	2	9	1017.2	+0.3	—	0	28.0?	32	+4	22	+3	59	-11	1	9	Cu	2	0	dr	4
159	DAMIETTA								1016.2	—	N	2	26.5	30	—	21	—	66	—	0	8	Cs	1	0	dr	4
134	PORT SAÎD	1015.5	NE	5	29.2	65	0	7	1016.3	+1.5	NNW	4	27.3	30	+2	24	+4	64	-5	1	7	Ac	1	0	dr	2
135	EL 'ARÎSH	1014.0	N	4	29.0	71	0	9	1015.5	—	NNW	2	27.0	35	—	24	—	78	—	3	6	Cb	1	dr	dr	—
136	LOWER EGYPT: DAMANHÛR								1017.6	+0.8	NW	2	23.7	32	+2	18	+2	78	-7	0	7	—	0	0	tr	2
137	MANSÛRA								1016.7	—	S	1	23.2	32	+2	20	+3	78	0	0	8	Ci	1	0	0	1
138	TANTA	1016.4	E	2	32.0	54	0	7	1017.1	-0.1	—	0	22.4	33	+3	17	+1	88	+9	0	8	—	0	0	0	0
139	ZAGÂZÎG	1015.1	NNW	1	31.2	49	0	8	1017.1	—	NW	1	25.7	31	+1	19	+3	76	-3	0	8	Ci	1	0	0	0
	MIDDLE EGYPT: CAIRO ALMÂZA	1015.1	NW	3	33.5	24	3	8	1017.5	—	NNE	2	22.1	34	—	17	—	83	—	4	6	Sc	2	0	dr	—
	CAIRO EZBEKÎYA	1014.3	NE	2	34.5	32	3	8	1017.0	+0.9	NNE	2	22.6	35	+6	20	+3	92	+14	1	5	Ac	5	dr	dr	1
	CAIRO GÎZA	1014.4	N	2	32.8	33	2	7	1016.8	+0.8	NNW	2	22.5	34	+5	19	+4	85	+3	1	6	Cu	1	0	dr	1
143	HELWÂN	1013.8	WNW	5	33.5	21	2	7	1016.4	0.0	N	2	22.9	34	+5	20	+3	83	+17	2	6	Cu	1	0	0	1
144	SUEZ	1013.1	NE	1	—	—	1	8	1016.0	+0.6	NW	2	24.0	32	+2	22	+3	83	+6	3	7	Ac	1	dr	dr	2
153	UPPER EGYPT: FAIYÛM	1014.8	NW	2	33.0	27	2	7	1016.2	+0.5	N	3	24.2	36	+6	20	+4	76	+2	0	7	—	0	0	0	0
154	MINYA	1013.9	NW	1	36.5	28	1	7	1015.9	-0.3	N	4	23.5	37	+8	21	+4	71	-4	2	8	Cu	2	0	0	—
155	ASYÛT	1014.2	WSW	4	32.1	31	0	8	1015.1	0.0	NW	4	24.5	34	+4	21	+4	78	+10	1	6	Cu	1	0	0	0
156	QENA	1012.4	NE	4	38.8	23	2	8	1013.4	-0.6	WNW	1	27.4	40	+6	22	+5	49	-7	0	7	—	0	0	0	—
157	LUXOR	1011.9	NNE	1	39.6	25	0	8	1012.8	—	—	0	29.4	41	—	18	—	48	—	0	8	—	0	0	dr	
158	ASWÂN	1009.8	N	3	40.0	12	0	9	1012.4	-1.1	—	0	27.2	41	+5	23	+3	36	-6	0	8	—	0	0	dr	
148	WESTERN DESERT: SÎWA	1017.9	WSW	2	29.4	62	0	6	1019.8	+3.2	—	0	17.8	30	-1	10	-5	39	-23	0	6	—	0	0	0	0
149	BAHARÎYA	1015.1	NNW	2	31.4	26	2	9	1016.8		NNE	1	22.0	32		13		76		0	9	—	0	0	0	
151	KHÂRGA	1013.4	N	2	35.5	42	0	9	1014.3	-0.4	N	3	24.8	36	+3	20	+3	64	+10	0	9	—	0	0	0	tr
152	DÂKHLA	1013.3	WNW	2	37.2	26	0	8																		
145	RED SEA: TOR	1013.8	NW	2	32.0	50	0	6	1012.6	-1.4	NW	4	27.0	34	+6	21	+3	80	+12	0	6	—	0	0	0	0
146	HURGHADA								—	—	NNW	3	28.2	32	+2	21	+2	68	+13	0	6	—	0	0	dr	0
147	QUSEIR	1014.4	NNE	2	33.6	50	0	6	1013.0	-0.8	NNW	3	32.2	34	+4	26	+3	23	-24	0	6	—	0	0	dr	0
169	PORT SUDAN								1012.0	-0.1	NW	1	31.7	—	—	26	+2	70	+5	3	—	—	1	0	0	6
165	NORTH SUDAN: WADI HALFA								1012.9	-0.6	NE	2	25.9	40	+4	21	+2	30	-7	0	7	—	0	—	—	
166	KAREIMA								1010.1	-1.2	E	1	28.9	39	-1	24	+2	29	-1	0	8	Ci	0	0	dr	1
167	'ATBARA								1009.6	-0.5	E	3	31.0	39	0	22	-1	25	+1	0	—	—	0	0	1	1
168	KHARTÛM								1007.2	-1.9	ESE	3	31.7	42	+2	25	+2	33	-1	0	8	—	0	0	2	3
170	KASSALA								1006.2	-3.6	ESE	4	32.2	40	+2	26	+3	43	-2	0	8	—	0	0	dr	7
171	CENTRAL SUDAN: WAD MEDANI								1007.8	-1.6	NE	1	30.0	38	-1	22	0	41	-3	0	—	—	0	0	1	7
173	DUEIM								1007.8	-1.5	NW	3	30.4	39	0	24	+2	48	+3	0	—	—	8	dr	14	7
182	RENK																									
172	ROSEIRES								1008.8	-1.4	SW	2	27.2	37	+1	21	+1	63	-5	0	—	—	0	0	8	19
174	EL OBEID								1009.1	-2.2	NW	3	22.0	37	+1	22	+3	63	+17	0	8	Ac	0	1	8	12
175	EL FÂSHER								—	—	NW	2	25.0	38	+2	21	+4	80	+45	0	—	—	0	9	23	5
176	S. SUDAN: MALAKÂL								1009.0	-1.9	SW	2	27.4	34	0	23	+2	70	-5	1	8	Ci	1	0	20	49
177	WAU								1009.1	-0.8	NW	1	26.8	34	0	22	+2	76	-3	1	—	—	0	0	122	78
178	JÛBA								1012.1	+0.8	SE	3	26.3	35	+1	21	+1	84	+6	3	8	Sc	1	0	67	58
179	Geneina								—	—	N	3	22.0	34	—	20	—	91	—	3	8	Sc	5	dr	14	—
180	Gullabat																									

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

Each cell: Dir. E of N / Kms per hour. Heights in metres above M.S.L.

Height	Salum 07h00m	Matruh 07h00m	Dikheila 07h00m	Cairo 08h15m	Helwan 09h00m	Asyut 07h00m	Aswan 07h00m	W. Halfa 06h00m	Kareima 06h00m	Khartum 04h00m	Kassala 07h00m	El Obeid 07h00m	Malakal 06h00m	Juba 07h00m	Geneina 07h00m
200	300 / 26	290 / 23	350 / 8	10 / 21	0 / 12	— / —	— / —	30 / 19	— / —	— / —	— / —	— / —	— / —	— / —	— / —
500	— / —	290 / 23	350 / 10	0 / 21	0 / 19	0 / 28	20 / 38	50 / 34	50 / 43	40 / 37	— / —	— / —	250 / 18	— / —	— / —
1000	270 / 26	280 / 26	280 / 23	40 / 19	10 / 25	0 / 11	10 / 31	50 / 50	50 / 53	60 / 31	110 / 31	320 / 19	270 / 8	180 / 18	90 / 18
1500		260 / 26	270 / 33	270 / 5	330 / 4		30 / 42	50 / 47	50 / 35	70 / 18	110 / 31	60 / 13	80 / 13	150 / 26	120 / 32
2000		260 / 28	230 / 44		270 / 23		20 / 18	50 / 42	60 / 27	80 / 13	70 / 14	60 / 21			130 / 39
3000					230 / 54			110 / 5	70 / 16		90 / 11				90 / 58
4000					230 / 68			90 / 8							80 / 55
5000															
6000															

Forecast for 24 hours from noon on 20th

On the coast moderate to fresh westerly winds.
Inland light to moderate winds chiefly northerly.
Some low cloud.
Possibly light rain on the coast.
Slightly cooler tomorrow.

عن الطقس لمدة ٢٤ ساعة من ظهر يوم ٢٠
رياح غربية ما بين المعتدلة والشديدة على السواحل - ورياح خفيفة
الى معتدلة غالبا شمالية في الداخل - بعض سحب منخفضة
ويحتمل ان تمطر خفيفا على الساحل.
يميل الطقس للبرودة قليلا غدا.

Station	Mean of day Humidity 19th	Diff from normal	Wet bulb temp. 19th	Diff from normal
Alexandria	74	+6	22.8	+3.8
Ezbekiya	65	-1	21.7	+2.7
Giza	67	-1	21.4	+2.4
Helwan	62	+8	19.8	+3.0

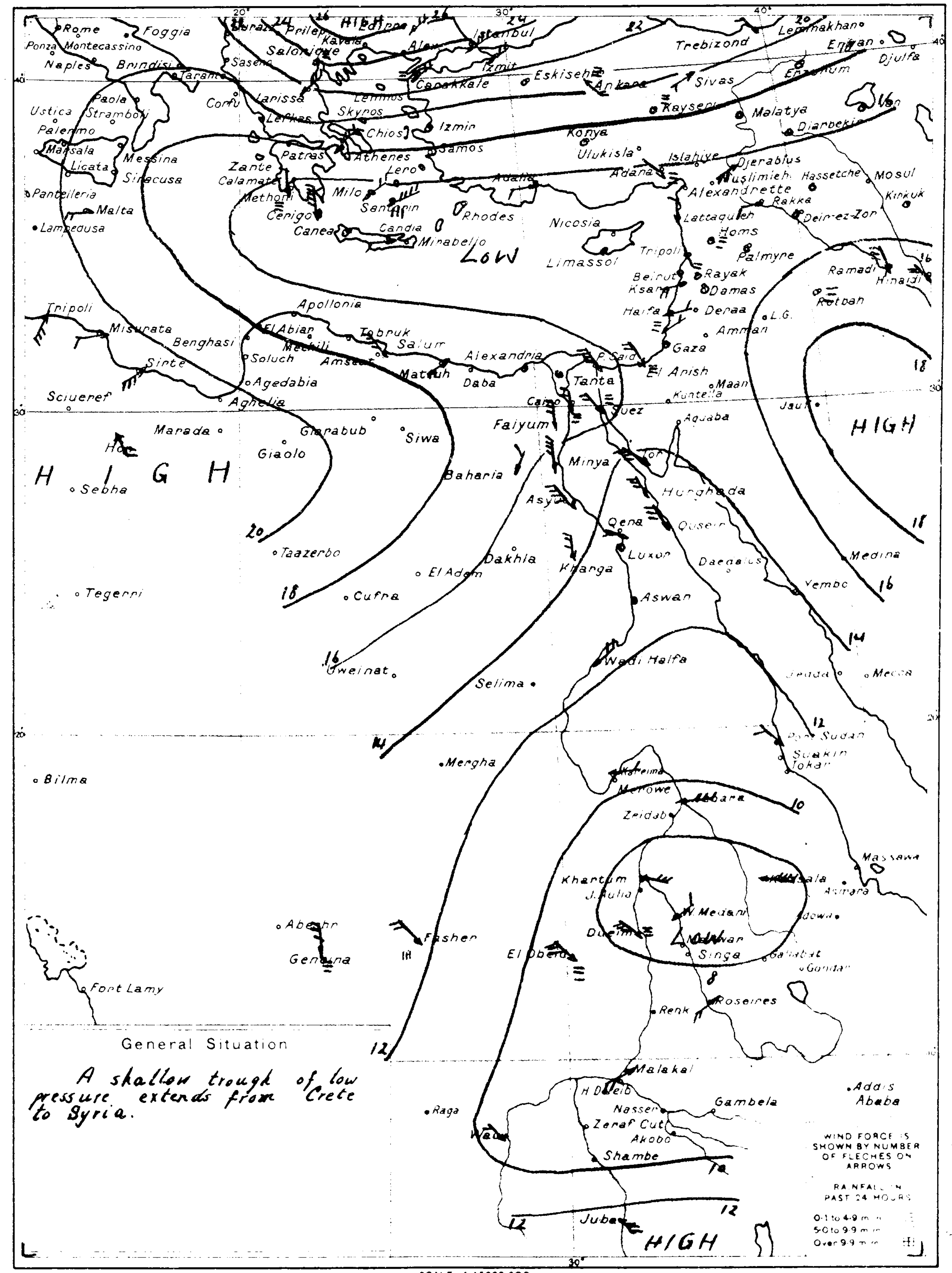
Giza grass minimum on 20th: 16.8 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
20-10	3466	4599
19 10	3778	4804

Gauge	Date 1937	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Juba	20-10	13.64	+0.16	13.99	+0.31
Nasser	19-10	10.64	+0.08	10.64	+0.09
Malakal	20-10	12.43	+0.13	12.42	+0.12
Roseires	20-10	15.34	-0.36	15.35	-0.45
Sennar Res.	19-10	17.20	—	17.23	—
Khartum	19-10	13.15	-0.74	13.20	-0.76
Kh. el Girba	19-10	11.30	-0.28	11.40	-0.23
Atbara	20-10	12.32	-0.63	12.36	-0.64
Kajnarti	20-10	137.94	-1.01	138.07	-0.96
Wadi Halfa	20-10	5.35	-0.48	5.44	-0.46
Aswan Res	20-10	103.15	—	102.33	—
D. S.	20-10	84.12	-1.17	89.32	-1.08
El Leisi	20-10	22.20	-0.31	22.18	-0.32
Roda (Cairo)	20-10	18.20	-0.38	18.16	-0.42

Pressure and Wind at 8h. 20. 10. 37. — ٢٠-١٠-٣٧



General Situation

A shallow trough of low pressure extends from Crete to Syria.

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 19th — الساعة ٨ يوم ١٩

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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm	محطة
Hurghada	—	—	NNW	2	27.7	33	+3	19	0	53	-2	0	6	—	0	0	dr	0	الغردقة
Quseir	1015.7	+1.7	N	2	32.1	33	+3	23	0	28	-19	0	6	—	0	0	dr	0	القصير
Limassol	1020	+5	NE	2	23	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1019.0	+4.9	ESE	2	25.0	35	+7	17	0	46	-17	0	—	—	—	0	34	10	حيفا
Gaza	1017.5	+3.0	—	0	22.3	31	+3	15	-2	62	-6	0	9	—	0	0	0	0	غزة

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

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CAIRO
Time of sunrise h. m. 06 00
sunset h. m. 17 18

Month October 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

٢١-١٠-٣٧ Pressure and Wind at 8h 21-10-37

No.	STATION	14h on 20th: Bar. Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h on Thursday 21st: 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 SALÛM	1018.4	WNW	3	24.7	34	2	8	1017.2	-0.2	NW	4	18.0	27	—	14	—	71	—	0	6	—	0	0	4	—
	MATRÛH	1017.0	NW	4	24.0	67	2	6	1015.9	-0.8	SW	2	19.3	24	-2	16	-1	76	+2	1	6	Cu	1	0	tr	13
	DIKHEILA	1017.2	NW	2	26.1	48	1	8	1017.6	—	WNW	3	24.1	27	—	19	—	52	—	2	7	Cu	1	0	dr	—
132	ALEXANDRIA	1016.7	—	3	27.3	48	1	9	1016.4	-0.5	NW	2	23.8	30	+2	22	+3	60	-10	2	8	Cu	2	0	dr	4
159	DAMIETTA								1016.2	—	SSW	2	21.8	30	—	16	—	69	—	0	8	—	1	0	dr	4
134	PORT SAÎD	1015.4	NNW	5	29.4	50	1	7	1016.0	+1.1	SW	3	24.8	31	+3	21	+1	59	-10	0	7	—	0	0	dr	2
135	EL 'ARÎSH	1014.0	NNW	4	28.0	67	2	7	1015.5	—	WSW	2	24.0	29	—	18	—	67	—	0	7	—	0	0	dr	1
136	LOWER EGYPT DAMANHÛR								1017.0	+0.1	WSW	2	19.9	30	0	17	+1	72	-13	1	8	Cu	1	0	tr	3
137	MANSÛRA								1016.3	—	N	1	21.2	30	0	16	-1	76	-2	0	8	—	0	0	0	1
138	TANTA	1015.9	—	0	29.2	45	0	8	1017.1	-0.1	NE	1	20.3	30	0	15	-1	75	-4	0	8	—	0	0	0	0
139	ZAGÂZÎG	1015.5	NNW	1	29.3	43	1	8	1017.2	—	WSW	1	23.6	29	0	15	0	70	-10	0	8	—	0	0	0	0
	MIDDLE EGYPT CAIRO ALMÂZA	1016.0	NW	2	29.4	43	1	8	1017.4	—	ENE	1	22.6	30	—	18	—	63	—	0	7	Sc	1	0	dr	—
	CAIRO EZBEKÎYA	1015.0	NNE	2	30.5	46	0	8	1016.7	+0.6	W	1	20.5	31	+2	17	0	82	+4	0	4	St	0	0	dr	1
	CAIRO GÎZA	1015.1	N	2	29.8	44	1	8	1017.0	+0.9	—	0	21.9	30	+1	13	-2	71	-11	0	6	St	0	0	dr	1
143	HELWÂN	1014.4	NW	4	29.0	34	0	8	1017.1	+0.7	—	0	19.6	30	+1	18	+1	69	+2	0	6	—	0	0	0	1
144	SUEZ	1014.6	NNW	2	29.8	40	0	8	1016.6	+1.2	NE	2	20.3	30	0	17	-2	70	-7	0	7	—	0	0	dr	3
153	UPPER EGYPT FAIYÛM	1015.0	N	3	30.5	33	1	7	1017.5	+1.7	NNE	2	22.2	31	+1	15	-1	61	-13	0	7	—	0	0	0	0
154	MINYA	1014.4	N	3	30.5	41	1	7	1017.0	+0.7	NNW	3	21.3	31	+2	18	+1	60	-15	0	4	—	0	0	0	—
155	ASYÛT	1013.5	SW	4	31.2	36	1	8	1016.7	+1.6	NW	3	20.8	32	+2	18	+1	62	-6	0	8	—	0	0	0	0
156	QENA	1010.8	WNW	2	36.3	35	0	8	1014.3	+0.2	WSW	2	24.8	37	+3	21	+4	56	0	0	8	—	0	0	0	—
157	LUXOR	1010.2	E	1	38.2	36	0	8	1014.2	—	WNW	4	27.3	40	—	20	—	45	—	0	8	—	0	0	dr	—
158	ASWÂN	1008.7	N	3	39.0	14	0	8	1013.4	-0.2	N	3	26.3	40	+4	24	+4	47	+5	0	8	—	0	0	dr	—
148	WESTERN DESERT SÎWA	1017.8	WNW	2	26	—	0	6	1018.6	+1.9	—	0	18.2	28	-3	11	-4	74	+12	0	6	—	0	0	0	0
149	BAHARÎYA	1016.6	NW	2	28.9	24	0	9	1018.2		—	0	19.5	29	—	13	—	69	—	0	9	—	0	0	0	—
151	KHÂRGA	1012.4	NNW	3	33.2	46	0	9	1015.6	+0.8	NNW	2	22.3	34	+1	18	+1	68	+14	0	9	—	0	0	0	dr
152	DÂKHLA	1013.9	NNW	2	31.9	39	0	7	1017.9	+2.0	NNW	3	20.0	32	-1	17	0	42	-5	0	7	—	0	0	0	—
145	RED SEA TOR	1012.3	NW	6	24.5	74	0	6	1013.1	-0.9	NW	6	25.8	34	+6	23	+5	67	-1	0	6	—	0	0	0	0
146	HURGHÂDA								1014.6	+0.4	NNW	4	27.0	33	+3	21	+2	60	+5	0	5	—	0	0	dr	0
147	QUSEIR	1011.9	N	2	32.9	49	0	6	1013.4	-0.5	NNW	4	28.5	34	+4	24	+1	49	+2	0	6	—	0	0	dr	0
169	PORT SUDAN								1011.4	-0.8	NE	1	31.5	—	—	25	+1	71	+6	2	—	—	1	—	0	6
165	NORTH SUDAN WÂDI HALFA								1014.1	+0.5	NNE	5	25.4	39	+3	22	+3	38	+1	0	7	—	0	—	—	—
166	KAREIMA								1009.7	-1.6	NE	4	30.4	40	0	25	+3	36	+6	0	8	—	0	0	dr	1
167	'ATBARA								1009.4	-0.8	E	3	30.0	39	0	24	+1	32	+8	0	—	—	0	0	1	1
168	KHARTÛM								1007.5	-1.7	NNE	2	31.9	42	+2	23	0	37	+3	0	8	—	0	0	2	3
170	KASSALA								1006.2	-3.5	E	4	33.0	41	+3	25	+2	39	-6	0	8	—	0	0	dr	7
171	CENTRAL SUDAN WAD MEDANI								1007.6	-1.8	SSW	2	28.8	40	+1	21	-1	53	+10	0	—	—	0	0	1	8
173	DUEIM								1007.5	-1.9	SW	3	29.6	42	+3	23	+1	51	+6	0	—	—	0	0	14	8
182	RENK																									
172	ROSEIRES								1008.4	-1.7	WNW	2	28.4	38	+2	21	+1	66	-1	0	—	—	0	0	8	20
174	EL OBEID								1008.9	-2.4	SW	3	28.0	38	+2	22	+3	63	+18	0	8	—	0	0	8	12
175	EL FÂSHER								—	—	NW	2	24.0	39	+3	20	+3	58	+23	0	—	—	0	0	23	5
176	S. SUDAN MALAKÂL								1008.4	-2.5	SW	3	28.6	35	+1	24	+3	71	-4	2	8	AcCi	1	dr	20	52
177	WAU								1009.1	-0.8	SW	1	25.5	36	+2	22	+2	77	-2	2	—	—	1	0	122	82
178	JÛBA								1011.6	+0.3	SE	3	24.8	31	-3	21	+1	84	+6	3	8	Sc	5	25	92	61
179	Geneina								—	—	E	3	20.3	36	—	15	—	47	—	2	8	Cs	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 21st ارصاد الرياح العليا يوم ٢١

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 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	Juba 07h 00m Dir.	Kms	Geneina 07h 00m Dir.	Kms	Salum 20th 13h 00m Dir.	Kms	Almaza 20th 11h 15m Dir.	Kms	Ismailia 07h 00m R.A.F. Dir.	Kms	Abukir 07h 00m R.A.F. Dir.	Kms
200	270	25	260	24	310	17	10	4	330	10	—	—	—	—	10	39	—	—	—	—	—	—	300	25	0	18	290	11	300	26
500	—	—	280	19	310	16	340	15	350	13	20	16	10	45	30	40	60	27	—	—	—	—	—	—	0	22	280	6	310	21
1000	270	25	280	22	300	22	330	20	340	19	350	26	20	39	40	56	50	24	190	11	0	37	290	17	0	28	200	8	300	14
1500	270	24	300	26	310	15	290	11	290	19	320	25	10	27	30	37	80	31	140	18	60	92			260	14	300	16	300	21
2000	280	35			320	19	10	13	300	20	300	18	220	15	20	19	80	39	120	4	60	92			260	29	310	26	330	18
3000									300	29					300	2	80	23			70	47			230	48	310	34	300	27
4000									270	46							90	18										Tail	270	35
5000									280	78																				
6000																														

Forecast for 24 hours from noon of 21st

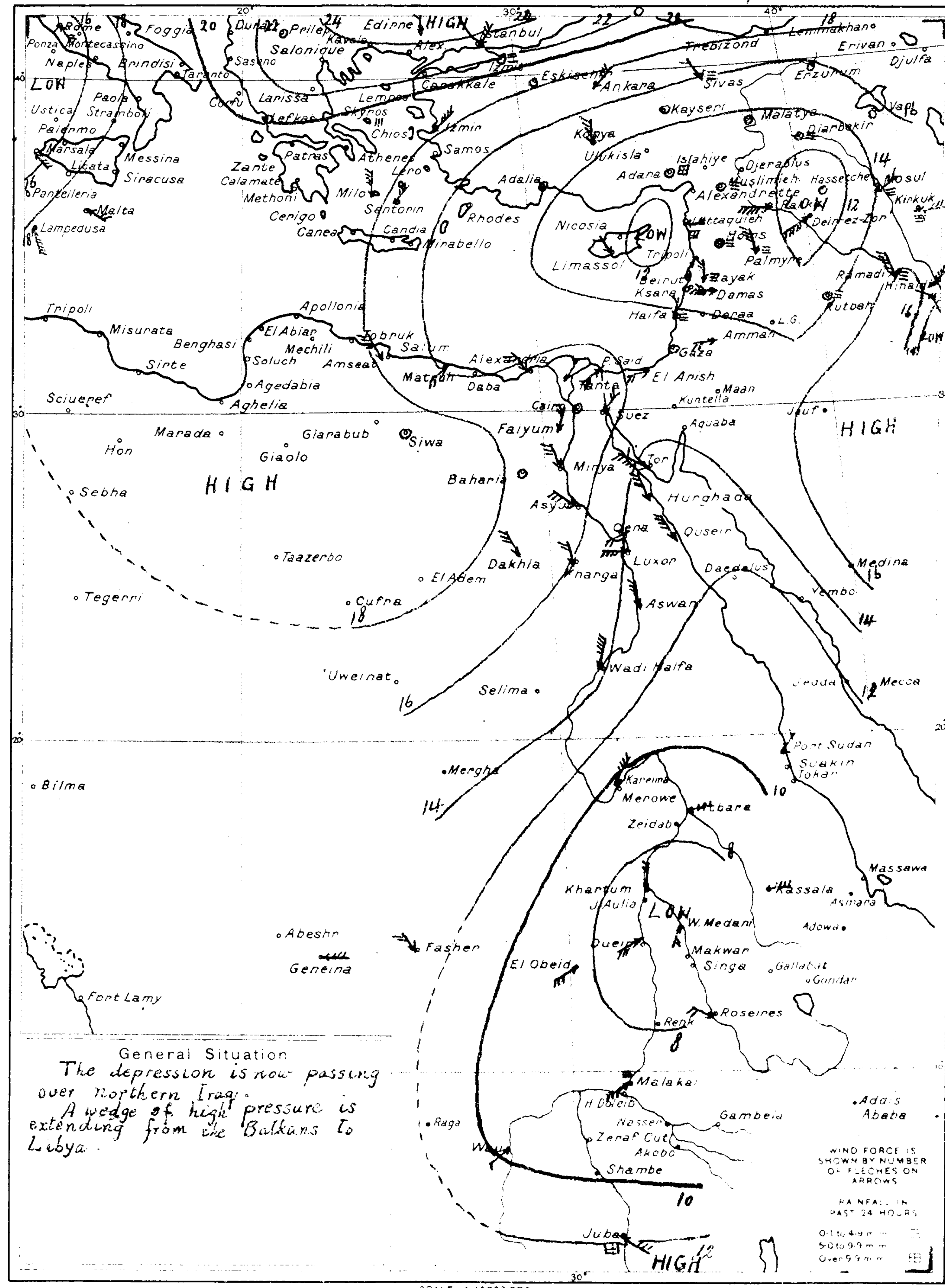
Moderate to fresh westerly winds.
Some low cloud.
Rain on the coast probable
Little change in temperature.

التنبؤ ... يوم ٢١

رياح غربية ما بين معتدلة الشديدة نوعا ما يظهر بعض
السحاب المنخفض ويحتمل نزول المطر على الساحل
ودرجة الحرارة كما هي

STATION	Mean of day 20th		20th	
Alexandria	59	-9	20.2	+1.2
Ezbekiya	72	+6	21.0	+2.0
Giza	67	-1	20.3	+1.4
Helwan	59	+5	19.0	+2.2
	21st		10.7	
21-10	3191	4368		
20-10	3466	4599		

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	20-10	13.84	+0.16	13.99	+0.31
Nasser	20-10	10.64	+0.07	10.64	+0.08
Malakal	21-10	12.43	+0.13	12.43	+0.13
Roseires	20-10	15.34	-0.36	15.35	-0.45
Sennar Res	20-10	17.21	—	17.20	—
Khartum	20-10	13.05	-0.77	13.15	-0.74
Kh. el Girba	20-10	11.23	-0.30	11.30	-0.28
Atbara	21-10	12.30	-0.58	12.32	-0.63
Kajnarti	20-10	137.94	-1.01	138.07	-0.96
Wadi Halfa	21-10	5.24	-0.54	5.35	-0.48
Aswan Res U.S.	21-10	103.92	—	103.15	—
D.S.	21-10	88.92	-1.24	89.12	-1.17
E. Lock	21-10	22.20	-0.32	22.20	-0.31
Roda (Cairo)	21-10	18.23	-0.37	18.20	-0.38



General Situation

The depression is now passing over northern Iraq.
A wedge of high pressure is extending from the Balkans to Libya.

STATION	At 8h on 20th 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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	مرصد
Dakhla	1016.8	+1.1	NNW	3	24.8	38	+5	22	+5	42	-4	0	1	—	0	0	0	—	الداخلة
Limassol	1015	0	—	0	22	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.3	+0.1	E	2	25.9	37	+4	21	+4	75	+10	8	—	—	—	0	24	10	حيفا
Gaza	1014.4	-0.2	—	0	25.8	35	+7	20	+4	82	+14	3	4	—	1	0	0	5	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. [illegible]
Abroad P.T. 150

Month October 1937 ١٩٣٧ شهر اكتوبر

DAILY WEATHER REPORT ١٩٣٧-١٠-٢٢

At 14h on 21st — الساعة ١٤ يوم ٢١

No.	Station	Barometric Pressure Reduced to M.S.L. mb	Wind Dir.	Force	Temperature °C	Humidity %	Cloud	Visibility
	SALÛM	1015.5	W	7	25.0	53	7	3
	MATRÛH	1014.6	SW	4	27.6	53	1	6
	DIKHEILA	1016.5	WNW	3	25.0	57	2	7
	ALEXANDRIA	1015.5	WNW	4	25.9	60	2	9
134	DAMIETTA							
134	PORT SAÏD	1014.4	NW	3	27.9	46	0	7
135	EL 'ARÎSH	1013.9	NNW	4	27.0	58	0	7
136	DAMANHÛR							
137	MANSÛRA							
	TANTA	1015.9	NW	3	28.5	47	2	8
	ZAGÂZÎG	1014.8	WSW	4	27.6	46	2	8
	CAIRO ALMÂZA	1015.4	WNW	3	27.2	39	2	8
	CAIRO EZBEKÎYA	1014.7	NNW	1	25.0	44	1	8
	CAIRO GÎZA	1014.4	NNW	2	27.2	44	1	8
143	HELWÂN	1014.4	NW	4	25.8	38	0	9
144	SUEZ	1014.3	NW	3	28.1	28	0	8
153	FAIYÛM	1016.2	NNE	2	—	34	0	8
154	MINYA	1014.4	NNE	3	27.5	31	0	8
155	ASYÛT	1013.8	NNW	3	28.1	32	0	8
156	QENA	1011.6	WSW	3	31.3	31	0	8
157	LUXOR	1011.1	NNW	2	33.4	30	0	8
158	ASWÂN	1009.9	NW	3	35.0	19	0	8
148	SÎWA	1016.8	WSW	2	27.7	61	0	6
149	BAHARÎYA	1016.0	NW	2	27.0	37	0	9
151	KHÂRGA	1012.8	N	2	33.4	25	0	9
152	DÂKHLA	1014.3	NNW	3	28.9	29	0	7
145	TÔR	1011.2	NW	6	27.5	67	0	6
146	HURGHÂDA							
147	QUSEIR	1014.0	N	4	29.2	54	0	6
169	PORT SUDAN							

At 8h on Friday 22nd — الساعة ٨ يوم الجمعة ٢٢

No.	Station	Bar. Reduced to M.S.L. mb	Diff. from normal mb	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 mm	Total 1st Oct. to yesterday mm	Normal 1st Oct. to yesterday mm
	SALÛM	1017.1	-0.4	WNW	4	17.2	26	—	15	—	83	—	2	5	Cc.	2	dr.	4	—
	MATRÛH	1014.0	-2.7	N	3	23.0	28	+2	19	+2	69	-5	4	6	Sc.	3	0	tr.	14
	DIKHEILA																		
	ALEXANDRIA	1012.3	-?.6	SSE	2	19.4	30	+2	18	-1	15	+5	4	7	As.	2	dr.	dr.	4
134	DAMIETTA	1013.1	—	S	2	23.0	29	—	17	—	70	—	4	6	Ac.	1	0	dr.	4
134	PORT SAÏD	1013.6	-1.4	SW	3	21.4	29	+1	19	-1	15	+6	3	7	Ac.	1	0	dr.	2
135	EL 'ARÎSH																		
136	DAMANHÛR	1013.4	-3.6	SSE	3	19.9	28	-2	17	+1	74	-12	4	7	Sc.	1	tr.	tr.	3
137	MANSÛRA	1013.0	—	S	1	18.7	29	-1	16	-1	82	+4	2	7	Cc.	1	0	0	1
	TANTA	1013.8	-3.5	S	2	22.2	29	-1	15	-1	64	-15	4	8	Cu.	2	0	0	0
	ZAGÂZÎG	1013.5	—	SW	1	20.4	28	-1	15	0	83	+3	4	6	Sc.	2	dr.	dr.	0
	CAIRO ALMÂZA	1014.2	—	SSW	3	21.1	28	—	16	—	62	—	4	7	As.	2	0	dr.	—
	CAIRO EZBEKÎYA	1013.4	-2.8	SW	2	20.0	29	0	18	+1	84	+6	4	5	Sc	1	0	dr	1
	CAIRO GÎZA	1013.5	-2.6	S	2	20.1	28	-1	15	0	77	-5	4	6	Sc	2	0	dr	1
143	HELWÂN	1013.8	-2.7	SSE	1	18.9	27	-2	17	0	75	+8	4	5	As.	2	0	0	1
144	SUEZ	1013.6	-2.0	ENE	1	20.8	29	-1	17	-2	65	-12	3	7	As.	1	0	dr.	3
153	FAIYÛM	1013.4	-2.5	S	2	20.3	29	-1	16	0	70	-4	4	4	Cu.	0	0	0	0
154	MINYA	1014.4	-2.0	NNW	1	20.6	28	-1	16	-1	60	-15	4	6	Cu.	2	0	0	—
155	ASYÛT	1015.1	-0.1	WSW	3	20.0	29	0	18	+1	64	-4	4	6	Cu.	0	0	0	0
156	QENA	1014.0	-0.2	W	2	22.0	33	-1	18	+1	53	-3	3	7	Cu.	1	0	0	—
157	LUXOR	1013.4	—	—	0	21.3	34	—	16	—	69	—	3	8	Cu.	2	0	dr.	—
158	ASWÂN	1013.9	+0.2	N	2	23.3	36	+1	20	0	39	-4	2	8	Ci	1	0	dr.	—
148	SÎWA	1017.9	+1.1	—	0	20.1	28	-3	16	+2	86	+24	0	6	—	0	0	0	0
149	BAHARÎYA	1015.6		W	3	21.3	28	—	18	—	73	—	1	9	Cc	2	0	0	—
151	KHÂRGA	1015.9	+1.0	—	0	20.4	33	0	18	+1	63	+9	3	9	Ci	0	0	0	dr.
152	DÂKHLA	1017.0	+1.1	NW	2	20.5	30	-2	15	-1	45	-2	0	6	—	0	0	0	—
145	TÔR	1012.2	-1.9	N	2	23.0	28	0	16	-1	53	-14	0	6	—	0	0	0	0
146	HURGHÂDA	1014.3	0.0	NNW	3	25.7	31	+1	19	0	57	+3	3	4	Cu	2	0	dr	0
147	QUSEIR	1013.0	-1.0	NW	3	28.2	31	+1	22	-1	36	-11	0	6	Ci	0	0	dr.	0
169	PORT SUDAN	1011.2	-1.0	N	2	31.1	—	—	27	+3	68	+3	3	—	—	0	0	0	7
165	WÂDI HALFA	1014.0	+0.3	N	4	23.0	36	0	20	+2	38	+1	0	8	—	0	—	—	—
166	KAREIMA	1009.6	-1.8	NE	4	28.8	40	0	25	+3	24	-6	0	8	—	0	0	dr.	1
167	'ATBARA	1009.1	-1.2	NE	3	31.5	39	+1	25	+2	28	+4	0	—	—	0	0	1	1
168	KHARTÛM	1007.7	-1.5	NNW	2	32.0	42	+2	25	+2	28	-6	0	8	Ac	0	0	2	3
170	KASSALA	1007.2	-2.5	SSE	1	30.6	41	+3	22	-1	48	+3	0	6	—	0	0	dr.	7
171	WAD MEDANI	1007.5	-2.0	SSW	1	28.8	40	+1	21	-1	55	+13	1	—	—	0	0	1	8
173	DUEIM	—	—	SW	3	30.2	42	+3	25	+3	44	+5	0	—	—	0	0	14	8
	RENK																		
172	ROSEIRES	1009.1	-1.0	NW	2	25.3	36	0	19	-1	72	+5	0	—	—	0	0	14	21
174	EL OBEID	1008.9	-2.4	SW	4	28.0	39	+3	22	+3	57	+12	1	8	Ac	0	0	8	13
175	EL FÂSHER	—	—	NE	1	27.0	39	+3	21	+4	63	+28	0	—	—	6	0	23	6
176	MALAKÂL	1008.7	-2.2	SSE	2	27.4	35	+1	22	+1	77	+3	2	8	Ci	1	0	20	54
177	WÂU	1009.0	-0.9	W	2	25.4	36	+2	22	+2	77	-2	1	—	—	2	0	122	86
178	JÛBA	1012.4	+1.2	ESE	3	23.9	35	+1	20	0	83	+5	4	8	Cs.	5	dr.	92	64
179	Geneina	—	—	E	1	19.6	36	—	16	—	47	—	0	6	—	0	0	14	—
180	Gallabat																		

Upper Wind Observations on 22nd — ارصاد الرياح العليا يوم ٢٢

Height metres above M.S.L.	Dikheila 07h 15m Dir.	Kms per hour	W. Halfa 06h 00m Dir.	Kms	Kareima 06h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Kassala 07h 00m Dir.	Kms	Obeid 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Juba 07h 00m Dir.	Kms	Geneina 07h 00m Dir.	Kms	Ismailia (R.A.F.) 07h 00m Dir.	Kms	Abu Kir (R.A.F.) 07h 00m Dir.	Kms	Ramleh 07h 00m Dir.	Kms	Salum (21st) 13h 00m Dir.	Kms	Almaza (21st) 11h 15m Dir.	Kms
200	170	26	10	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	170	18	160	27	140	2	270	55	310	14
500	160	27	40	35	40	47	110	29	—	—	—	—	260	10	—	—	—	—	210	5	150	14	200	14	—	—	310	28
[illegible]	160	22	40	37	50	37	70	29	120	14	260	37	250	11	130	11	50	42	290	5	160	13	220	13	290	45	340	20
[illegible]	160	21	350	24	50	31	50	51	130	43	260	31	30	6			60	84	—	0	180	13	210	14	270	54	350	5
[illegible]	160	14	320	16	50	37	20	42	150	26	40	18	90	14			60	69	280	8	180	8	210	13	Eat ch		310	14
3000	130	10	220	16			340	24	120	16							80	76	220 Taif	14							280	14
4000			310	23																								
5000			270	31																								
6000			270	37																								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ١٢ ظهر

Mean of day

Station	Humidity on 21st	Diff. from normal	Wet bulb temp. on 21st	Diff. from normal
Alexandria	63	-4	19.4	+0.5
Ezbekiya	72	+6	19.3	+0.4
Giza	63	-5	18.8	0.0
Helwan	58	+3	17.0	+0.3

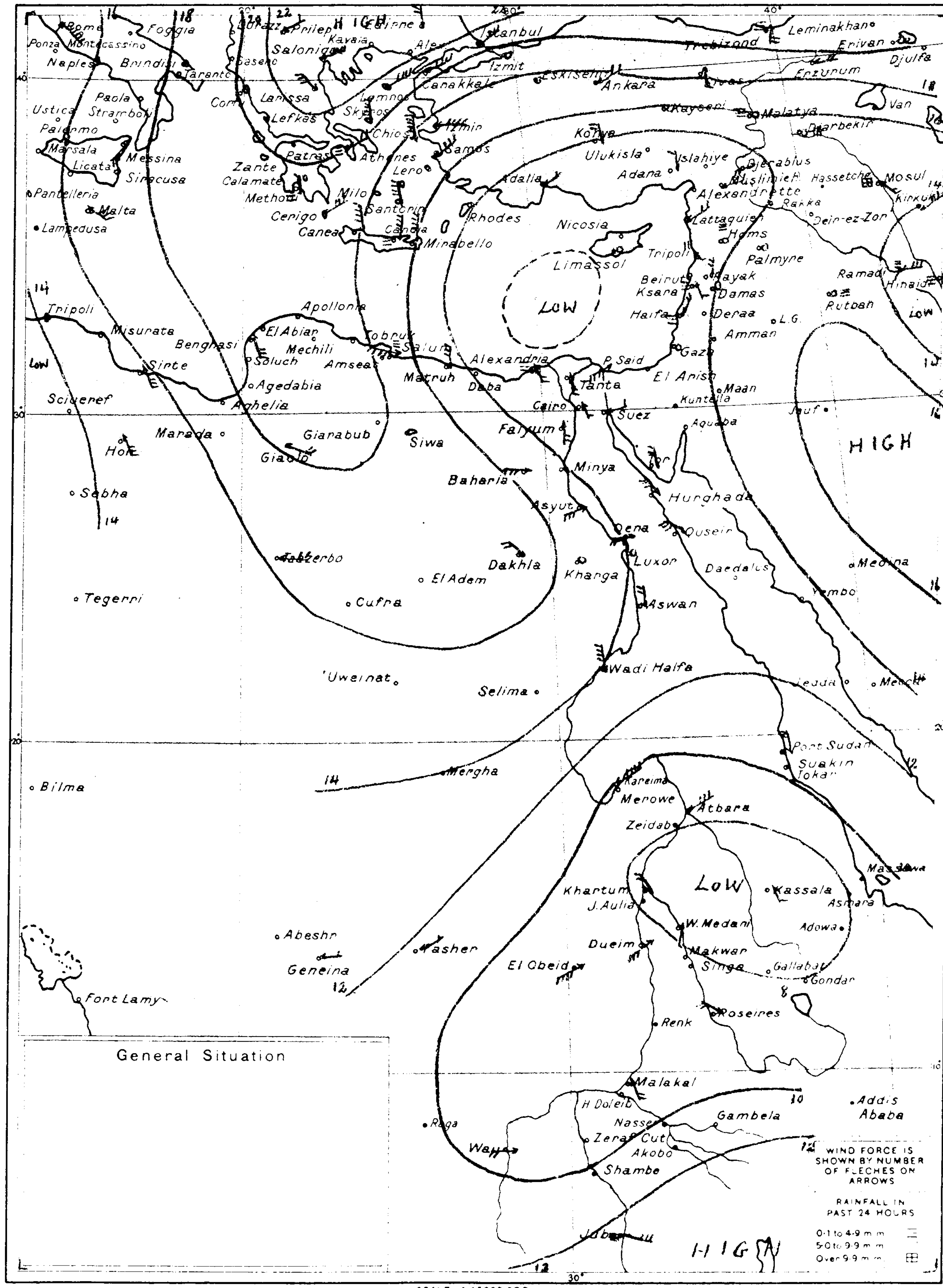
Giza Grass minimum on 22nd 12.5°C

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

Date	1937	1936
22-10	3006	4106
21-10	3191	4368

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	22-10	13.80	+0.13	13.80	+0.13
Nâsser	22-10	10.65	+0.08	10.65	+0.08
Malakâl	22-10	12.43	+0.12	12.43	+0.13
Roseires	22-10	15.17	-0.34	15.28	-0.33
Sennâr Res.	22-10	17.24	—	17.23	—
Khartûm	22-10	12.86	-0.81	12.94	-0.80
Kh. el Girba	22-10	11.20	-0.24	11.20	-0.28
'Atbara	22-10	12.22	-0.60	12.30	-0.58
Kajnarti	22-10	137.66	-1.09	137.81	-1.04
Wâdi Halfa	22-10	5.15	-0.55	5.24	-0.54
Aswân Res.	22-10	104.75	—	103.92	—
D. S.	22-10	88.72	-1.36	88.92	-1.24
El Leisi	22-10	22.09	-0.41	22.20	-0.32
Rôda (Cairo)	22-10	18.13	-0.46	18.22	-0.37

Pressure and Wind at 8h. 22-10-1937



General Situation

SCALE 1:15,000,000
Kms 200 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
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 21st — الساعة ٨ يوم ٢١

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	Rain Past 24 hours mm	Total 1st Oct. to yesterday mm	Normal 1st Oct. to yesterday mm	مرصد
Limassol	1013	-2	NW	1	21	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1014.2	+6.5	NNE	1	21.7	28	0	19	+2	78	+15	5	—	—	—	dr	34	11	حيفا
Gaza	1015.1	+0.4	—	0	20.9	30	+2	17	+1	73	+5	0	9	—	0	0	0	5	غزة

ANNUAL SUBSCRIPTION

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Abroad	P.T. 150

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CAIRO

Time of sunrise h. m. 06 03

sunset h. m. 17 16

Month *October* 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٢٣-١٠-٣٧

No.	STATION	At 14h. on 22nd (الساعة ١٤ يوم ٢٢) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Saturday 23rd (الساعة ٨ يوم السبت ٢٣) 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.
	Mediterr. SALÛM	1016.?	NNE	5	21.8	75	2	6	1018.0	+0.5	WNW	3	17.0	24	—	14	—	80	—	1	7	Cu	1	dr	4	—
	MATRÛH	1014.0	WSW	3	21.0	84	4	6	1016.3	-0.5	WSW	2	14.2	24	-2	16	-1	72	-3	1	6	Cu	1	dr	tr	14
	DIKHEILA	1013.4	N	2	22.3	54	4	5	1016.5	—	WNW	2	23.4	23	—	18	—	60	—	2	7	Cu	6	1	1	—
132	ALEXANDRIA	1012.6	NE	1	20.8	71	4	7	1016.2	-0.8	NW	1	22.4	23	-4	18	-1	64	-6	2	8	Cu	6	2	2	4
157	DAMIETTA								1015.1	—	W	2	21.0	30	—	18	—	74	—	0	1	—	1	3	3	4
134	PORT SAÏD	1012.4	NNW	3	26.0	59	3	7	1015.4	+0.4	NW	2	23.2	28	+1	20	0	70	+1	0	7	—	1	1	1	2
135	EL 'ARÎSH								1014.6	—	—	0	24.6	29	—	14	—	64	—	0	7	Cu	1	0	dr	1
136	**Lower Egypt** DAMANHÛR								1016.2	-0.4	W	1	19.8	26	-3	16	0	88	+2	2	7	Sc	1	2	2	3
137	MANSÛRA								1015.2	—	NNW	1	19.9	27	-3	16	-1	82	+4	1	7	Cs	1	3	3	1
	TANTA	1013.0	SE	4	27.0	54	4	6	1016.3	-1.1	SW	1	19.0	28	-2	14	-2	42	+13	0	8	—	0	tr	tr	0
	ZAGÂZÎG	1012.6	SW	1	26.4	46	4	8	1016.2	—	SW	1	22.3	26	-3	16	+1	81	+1	2	8	Cu	1	22	22	0
	Middle Egypt, Cairo ALMÂZA	1012.6	S	3	25.8	46	4	8																		
	EZBEKÎYA	1011.5	SE	2	25.4	54	4	8	1016.3	0.0	WNW	1	19.4	27	-2	16	0	40	+12	0	4	St	1	dr	dr	1
	GÎZA	1011.4	SSW	1	26.1	46	4	7	1016.6	+0.4	NW	1	20.7	27	-2	15	0	78	-5	0	6	Cu	1	1	1	1
143	HELWÂN	1011.6	SSW	5	25.3	48	4	6	1016.6	0.0	—	0	19.3	26	-3	16	-1	78	+11	0	6	St	0	dr	dr	1
144	SUEZ	1012.6	SE	2	26.4	46	3	7	1016.0	+0.5	NNW	3	21.6	28	-2	18	-1	75	-2	2	7	Ac	1	0	dr	3
153	**Upper Egypt** FAIYÛM	1012.0	SSW	1	26.3	49	4	7	1017.0	+1.1	SSW	3	20.6	28	-2	14	-2	66	-8	0	7	Cu	1	0	0	0
154	MINYA	1012.7	W	2	29.5	35	1	8	1017.4	+0.9	N	2	19.5	30	+2	16	-1	76	0	2	8	Cu	1	0	0	—
155	ASYÛT	1013.5	WNW	3	26.4	34	0	8	1017.5	+2.2	N	3	19.5	28	-1	17	+1	77	+9	3	6	Cu	1	0	0	0
156	QENA	1012.2	W	2	28.5	37	2	8	1015.4	+1.6	W	1	24.0	30	-4	17	0	55	1	3	7	Cu	1	0	0	—
157	LUXOR	1011.8	NNW	2	31.4	34	1	8	1015.8	—	SSE	2	26.2	33	—	16	—	55	—	3	7	Cu	2	0	dr	—
158	ASWÂN	1010.2	NW	3	32.3	20	0	8	1015.5	+1.8	N	3	22.5	33	-2	17	-3	48	+5	0	8	—	0	0	dr	—
148	**Western Desert** SÎWA	1015.5	WNW	2	26.8	67	0	6	1017.1	+0.3	—	0	18.4	28	-3	12	-2	78	+16	0	6	—	0	0	0	0
149	BAHARÎYA	1013.8	WNW	4	20.1	50	2	6	1017.6	—	N	1	20.2	28	—	12	—	78	—	0	4	—	0	0	0	—
151	KHARGA	1013.1	—	0	30.7	25	2	9	1016.7	+1.7	—	0	22.8	31	-2	17	0	55	0	3	4	Cs	0	0	0	dr
152	DÂKHLA	1013.4	NW	2	28.0	36	0	8	1017.9	+1.4	—	0	20.0	30	-2	16	0	56	+7	2	7	Ci	1	0	0	—
145	**Red Sea** TÔR	1012.7	NW	3	27.4	58	0	6	1014.6	+0.4	N	2	24.2	30	+2	16	-1	70	+3	0	5	—	0	0	0	0
146	HURGHÂDA																									
147	QUSEIR	1012.2	N	4	28.0	57	0	6	1015.0	+0.4	W	2	26.6	30	0	21	-1	43	-4	0	6	—	0	0	dr	0
161	PORT SUDAN																									
165	**North Sudan** WÂDI HALFA								1015.4	+1.6	NNE	2	22.1	33	-2	18	0	33	-4	0	7	—	0	—	—	
166	KAREIMA								1011.5	-0.2	NE	3	26.8	40	+1	23	+1	15	-15	0	8	Ac	0	0	dr	1
167	'ATBARA								1010.2	-0.1	NNE	2	29.8	38	0	24	+1	26	+2	0	—	—	0	0	1	1
168	KHARTÛM								1004.5	+0.2	N	5	32.0	42	+2	27	+4	28	-6	0	8	Ac	0	0	2	4
170	KASSALA								1006.0	-3.7	E	5	33.1	40	+2	25	+2	34	-11	0	8	—	0	0	dr	8
171	**Central Sudan** WAD MEDANI																									
173	DUEIM																									
182	RENK																									
172	ROSEIRES								1008.8	-1.2	W	2	26.3	38	+2	14	-1	58	-4	0	—	—	0	0	8	22
174	EL OBEID																									
175	EL FÂSHER								—	—	N	1	25.0	38	+2	22	+5	61	+27	0	—	—	0	0	23	6
176	**S. Sudan** MALAKÂL								1008.8	-2.1	WNW	2	27.1	36	+2	23	+2	77	+3	3	8	Ci	1	0	20	57
177	WÂU								1009.6	-0.2	SW	1	25.5	37	+3	21	+1	74	-4	2	—	—	0	2	124	90
178	JÛBA																									
179	Geneina								—	—	E	3	18.2	35	—	14	—	44	—	3	8	Ci	0	0	14	—
180	Gallabat																									

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

Dir. E. of N; Kms per hour. Height metres above M.S.L.

Height	Salum 07h 00m Dir	Kms	Matruh 07h 00m Dir	Kms	Dikheila 07h 00m Dir	Kms	Cairo 08 15m Dir	Kms	Helwan 08h 30m Dir	Kms	Asyut 07h 00m Dir	Kms	Aswan 07h 00m Dir	Kms	W. Halfa 06h 00m Dir	Kms
200	300	16	290	20	320	24	—	—	180	6	—	—	—	—	10	21
500	—	—	320	20	320	23	—	—	280	4	0	12	10	35	30	47
1000	320	22	320	14	310	19	320	13	320	18	330	42	20	31	20	39
1500	310	31	310	18			350	19	340	14	320	35	150	5	0	5
2000	290	31	310	30			0	16	330	20	300	42	230	14	230	11
3000	290	42							300	28			230	6	250	21
4000									260	23			230	26	230	27
5000															230	27
6000															260	29

Height	Kureima 06h 00m Dir	Kms	Khartum 06h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Geneina 07h 00m Dir	Kms	Almaza 10h 00m Dir	Kms	22nd - Ismailia 07h 00m R.A.F. Dir	Kms
200	—	—	—	—	—	—	—	—	—	—	200	24	270	11
500	30	40	20	27	—	—	310	13	—	—	210	17	320	13
1000	40	61	50	43	130	32	40	5	0	43	200	23	350	13
1500	40	45	110	8	120	34	60	6	60	63	190	14	350	13
2000	40	35	180	8	90	32	70	21	90	60	200	28	320	14
3000	50	24			20	14			100	19	290	30	280	18
4000									100	14	280	39	260	27
5000									80	27	230	48	270	24
6000													270	45

Tail.

Forecast for 24 hours from noon on 23rd

Northwesterly winds, moderate to fresh on the coast, light to moderate inland.
Some low cloud.
Light rain in the north.
Remaining cool.

تنبؤات الطقس لمدة ٢٤ ساعة من ظهر يوم ٢٣

رياح شمالية غربية معتدلة الى شديدة على السواحل
وخفيفة الى معتدلة في الداخل. يظهر بعض السحب المنخفضة
تساقط مطر خفيف في الشمال.
يستمر الطقس مائلا للبرودة.

STATION	Mean of day Humidity on 22nd	Diff. from normal	Wet bulb temp. on 22nd	Diff. from normal
Alexandria	74	+7	17.6	+1.2
Ezbekiya	80	+14	18.7	-0.1
Giza	72	+4	17.7	-0.8
Helwan	70	+15	17.1	+0.4

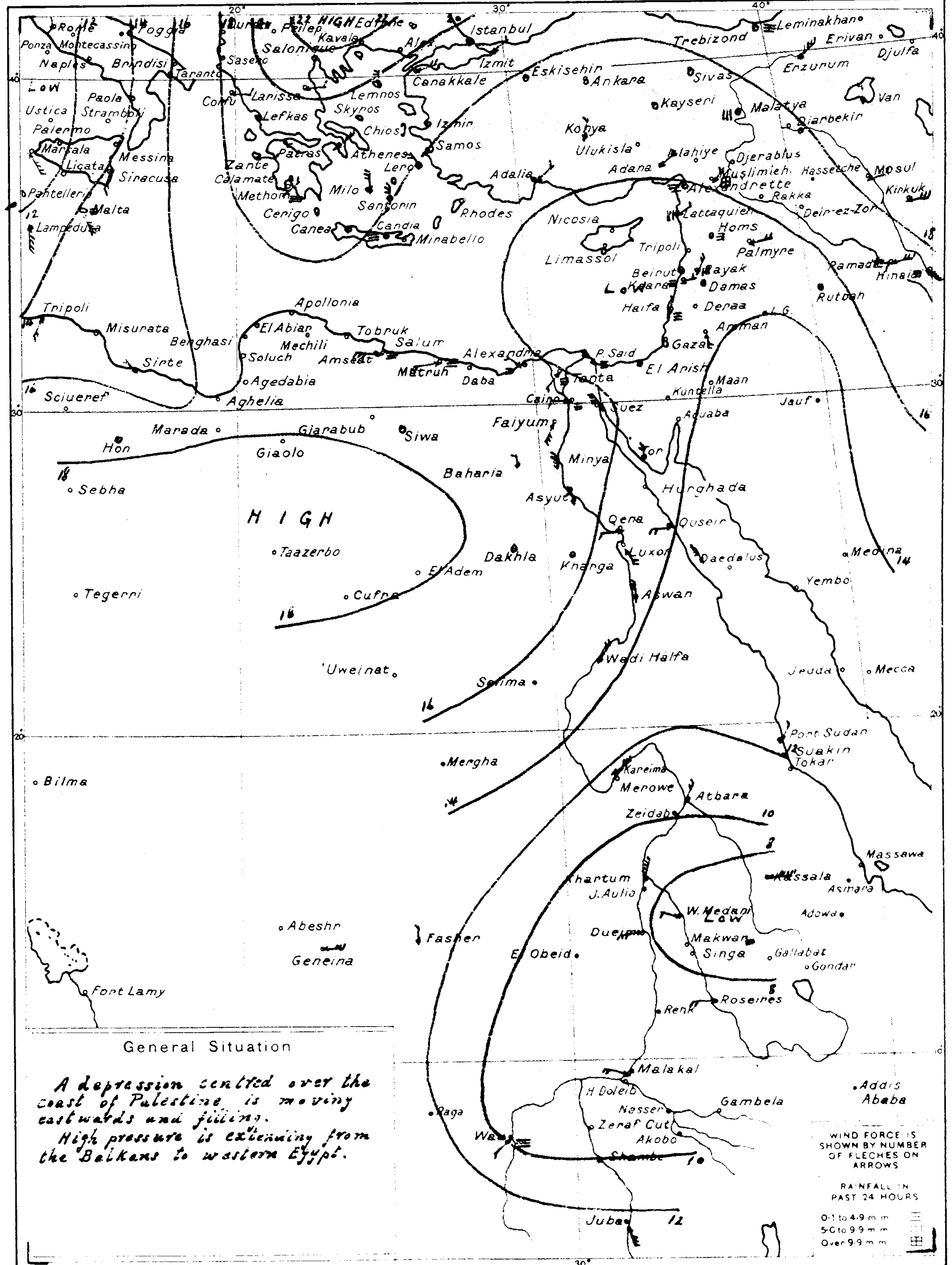
Giza grass minimum on 23rd 12.4°

Discharges at Aswan measured by ... per sec.

DATE	1937	1936
23-10	2804	3639
22-10	3006	4106

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	23-10	13.77	+0.10	13.80	+0.13
Nasser	22-10	10.65	+0.08	10.65	+0.08
Malakal	23-10	12.43	+0.12	12.43	+0.12
Roseires	23-10	15.10	-0.35	15.17	-0.34
Sennâr Res.	22-10	17.24	—	17.23	—
Khartûm	23-10	12.77	-0.83	12.86	-0.81
Kh. el Girba	22-10	11.20	-0.24	11.20	-0.28
'Atbara	23-10	12.13	-0.61	12.22	-0.60
Kajnarti	22-10	137.66	-1.09	137.81	-1.04
Wâdi Halfa	23-10	5.05	-0.56	5.15	-0.55
Aswan Res.	23-10	105.55	—	104.75	—
D. S.	23-10	88.52	-1.42	88.72	-1.36
El Leisi	23-10	21.98	-0.44	22.07	-0.41
Roda (Cairo)	23-10	18.04	-0.55	18.13	-0.46

Pressure and Wind at 8 h. 23-10-37



General Situation

A depression centred over the coast of Palestine is moving eastwards and filling.
High pressure is extending 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

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

Remarks

STATION (مرصد)	At 8h. on 22nd (الساعة ٨ يوم 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.	
Limassol	1013	-2	—	0	21	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1013.9	-0.5	NNE	2	22.3	27	-1	18	+2	64	+6	3	—	—	—	4	38	12	حيفا
Gaza	1013.4	-1.4	—	0	21.6	30	+2	11	+1	71	+3	0	4	—	0	0	0	5	غزة

Ships 73251 — 35606 — 30400 — 14983. سفن

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CAIRO

Time of sunrise 06 h. 03 m.

sunset 17 h. 15 m.

Month October 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٢٤-١٠-٣٧

1417 F.C.

No.	STATION	At 14h on 23rd ٢٣ 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 24th الساعة ٨ يوم الاحد ٢٤: 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																									
[illegible]	SALÛM	1017.5	NNE	3	21.7	69	2	8	1019.6	+2.0	SSE	2	20.4	24	—	17	—	69	—	1	7	Cs	1	0	4	—
[illegible]	MATRÛH	1015.9	NNW	2	23.3	59	2	6	1018.8	+2.0	SSE	2	18.3	24	−2	17	0	78	+3	2	6	Cu	1	0	tr	15
[illegible]	DIKHEILA	1016.9	NW	2	24.9	60	2	7	1019.3	—	S	2	22.9	26	—	16	—	67	—	[illegible]	8	Cu	1	0	1	—
132	ALEXANDRIA	1015.8	NW	4	25.2	52	2	9	1019.8	+2.8	—	0	23.0	27	0	20	+1	70	0	1	8	Cu	0	0	2	4
159	DAMIETTA								1018.8	—	SSW	1	22.9	28	—	16	—	67	—	0	8	Cu	1	0	3	5
134	PORT SAÎD	1015.1	NW	2	25.3	60	1	7	1019.0	+3.9	WNW	2	23.5	27	0	20	0	71	+2	1	7	Cu	1	0	1	2
135	EL ARÎSH	1014.2	NNW	2	26.0	70	3	6																		2
	LOWER EGYPT																									
136	DAMANHÛR								1019.9	+2.7	SW	1	19.0	28	−1	16	+1	82	−4	0	8	—	0	0	2	3
137	MANSÛRA								1019.2	—	W	1	20.8	27	−3	16	0	74	−4	0	8	—	0	0	3	1
[illegible]	TANTA	1015.5	—	0	26.8	49	2	8	1019.6	+2.1	—	0	19.0	29	−1	15	−1	86	+7	0	8	—	0	0	tr	0
[illegible]	ZAGAZÎG	1015.4	WNW	2	25.9	59	2	8	1019.8	—	SW	1	22.1	27	−2	15	0	79	−1	0	8	—	0	0	22	0
	MIDDLE EGYPT																									
[illegible]	CAIRO ALMÂZA	1015.6	NW	3	26.1	52	3	7	1020.2	—	ESE	1	21.1	27	—	14	—	74	—	1	7	Sc	1	0	dr	—
[illegible]	CAIRO EZBEKÎYA	1015.0	NNW	1	28.0	50	2	8	1019.8	+3.4	—	0	20.0	29	0	17	+1	84	+6	0	5	—	0	0	dr	1
[illegible]	CAIRO GÎZA	1015.0	NNW	1	26.9	48	2	8	1020.2	+3.9	NNW	1	19.8	28	−1	14	−1	83	0	0	5	St	0	0	1	1
143	HELWÂN	1015.1	NW	4	26.0	42	3	8	1019.9	+3.3	NNE	1	20.3	27	−1	16	−1	71	+4	0	6	—	0	0	dr	1
144	SUEZ	1015.0	NNW	2	26.9	48	2	7	1020.0	+4.4	NNW	2	19.8	29	−1	17	−2	81	+4	0	8	—	0	0	dr	3
	UPPER EGYPT																									
153	FAIYÛM	1015.2	W	2	28.0	44	2	7	1018.7	+2.7	N	1	21.6	30	0	15	−1	70	−4	0	7	—	0	0	0	0
154	MINYA	1015.8	NW	2	26.8	50	1	8	1019.5	+3.0	N	1	21.3	27	−1	17	0	70	−6	0	6	—	1	0	0	—
155	ASYÛT	1015.9	WSW	3	25.1	54	0	8	1019.4	+4.0	W	2	22.2	26	−3	17	+1	56	−12	0	6	—	0	0	0	0
156	QENA	1013.8	W	2	29.0	34	3	8	1018.6	+4.2	WSW	1	22.8	29	−5	17	0	60	+3	0	8	—	0	0	0	—
157	LUXOR	1013.8	NNW	3	30.0	38	3	8	1017.6	—	ESE	1	25.3	32	—	15	—	51	—	0	8	—	0	0	dr	—
158	ASWÂN	1011.9	N	3	31.3	22	0	8	1017.5	+3.7	N	1	21.6	32	−3	19	0	61	+18	0	8	—	0	0	dr	—
	WESTERN DESERT																									
148	SÎWA	1015.9	—	0	28.8	72	0	6	1019.0	+2.1	—	0	19.3	31	+1	12	−2	76	+13	0	6	—	0	0	0	0
149	BAHARÎYA	1015.5	SW	1	28.0	45	0	9	1019.4		ENE	1	21.5	28	—	15	—	66	—	0	9	—	0	0	0	—
151	KHARGA	1014.8	N	2	28.6	32	2	9	1018.8	+3.8	N	1	22.0	29	−4	14	−3	56	+1	0	9	—	0	0	0	dr
152	DÂKHLA	1015.1	ENE	1	29.5	40	0	8	1019.0	+2.8	—	0	20.0	31	−1	15	−1	55	+8	0	8	—	0	0	0	—
	RED SEA																									
145	TÔR	1013.5	NW	5	26.2	69	0	6	1017.0	+2.7	N	2	26.2	29	+1	17	0	54	−13	0	6	—	0	0	0	0
146	HURGHÂDA																									0
147	QUSEIR	1013.6	NE	2	24.5	52	0	6	1017.9	+3.7	NNW	2	27.3	31	+1	22	0	46	−1	0	6	—	0	0	dr	0
169	PORT SUDAN								1013.8	+1.4	NE	2	33.0	—	—	27	+3	57	−9	3	—	—	1	dr	dr	7
	NORTH SUDAN																									
165	WADI HALFA								1017.0	+3.1	NNE	4	21.0	33	−2	18	0	37	0	0	7	—	0	—	—	—
166	KAREIMA								1013.1	+1.5	NE	2	27.3	39	0	23	+1	20	−10	1	8	Ac	0	0	dr	1
167	ATBARA								1011.2	+0.8	NNW	3	30.6	40	+2	26	+4	28	+3	2	—	—	0	0	1	1
168	KHARTÛM								1010.4	+1.1	N	4	31.9	43	+3	27	+4	28	−6	0	8	—	0	0	2	4
170	KASSALA								1007.5	−2.2	E	6	33.1	41	+3	25	+2	34	−11	0	7	—	0	0	dr	8
	CENTRAL SUDAN																									
171	WAD MEDANI								1009.0	−0.5	NE	2	30.7	40	+1	22	0	27	−14	0	—	—	0	0	1	9
173	DUEIM								1009.4	−0.1	W	3	31.2	42	+3	26	+4	35	−8	0	—	—	0	0	14	9
182	RENK																									
172	ROSEIRES								1009.9	−0.1	WNW	2	27.3	39	+3	19	−1	62	−4	0	—	—	0	0	8	23
174	EL OBEID								1011.5	+0.1	WNW	3	27.0	38	+2	22	+3	49	+6	3	8	AcCs	1	0	8	14
175	EL FASHER								—	—	N	1	25.0	38	+2	19	+2	54	+20	0	—	—	0	0	23	6
	S. SUDAN																									
176	MALAKÂL								1011.2	+0.3	W	3	26.3	35	+1	22	+1	84	+11	3	8	Ci	2	4	24	59
177	WAU								1012.0	+2.2	SW	2	24.0	34	0	20	0	83	+5	1	—	—	2	28	152	94
178	JÛBA								1013.6	+2.4	NE	2	24.0	32	−3	20	0	83	+6	2	9	Sc	1	4	96	70
179	Geneina								—	—	NE	4	17.9	35	—	14	—	44	—	3	8	Cs	0	0	14	—
180	Gallabat.																									—

Upper Wind Observations on 24th ارصاد الرياح العليا يوم ٢٤

Height metres above M.S.L.; Dir. E. of N.; Kms. per hour.

Height	Salum 07h30m Dir.	Kms	Matruh 07h00m Dir.	Kms	Dikheila 07h00m Dir.	Kms	Cairo 07h45m Dir.	Kms	Helwan 08h30m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	W. Halfa 06h00m Dir.	Kms	Kareima 06h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Juba 07h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Salum 23rd 13h00m Dir.	Kms	Almaza 23rd 11h30m Dir.	Kms
200	160	8	120	9	290	6	30	4	300	6	—	—	—	—	10	19	—	—	—	—	—	—	—	—	—	—	20	18	290	12
500	—	—	80	13	340	14	20	19	10	6	40	18	30	42	40	37	40	39	0	3	250	18	—	—	—	—			290	9
1000	50	8	10	20	320	15	330	20	340	25	0	14	30	28	40	43	30	48	350	27	190	6	270	23	0	42			300	15
1500	30	3	290	21	300	26			310	24	330	11	350	28	20	40	350	27	330	14	80	11	250	14	70	56			300	7
2000	310	7	300	22					290	24	310	18	0	24	10	31	320	11	350	16	80	21			70	50				
3000	280	7													250	5	0	14	310	10	50	43			110	24				
4000	290	26													310	14					120	18			130	16				
5000																									150	37				
6000																														

Forecast for 24 hours from noon on 24th

Light variable winds, becoming southeast on the coast and northeast inland.

Occasional low cloud.

Becoming slightly warmer.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٤

رياح خفيفة مختلفة الاتجاه ثم تصير جنوبية شرقية على الساحل

وشمالية شرقية في الداخل.

يظهر بعض السحاب المنخفض احيانا.

سترتفع درجة الحرارة قليلا.

STATION	Mean of day: Humidity on 23rd	Diff. from normal	Wet bulb temp. on 23rd	Diff. from normal
Alexandria	64	−3	18.6	−0.1
Ezbekiya	77	+11	19.5	+0.8
Giza	68	0	18.6	0.0
Helwan	60	+5	17.4	+0.8

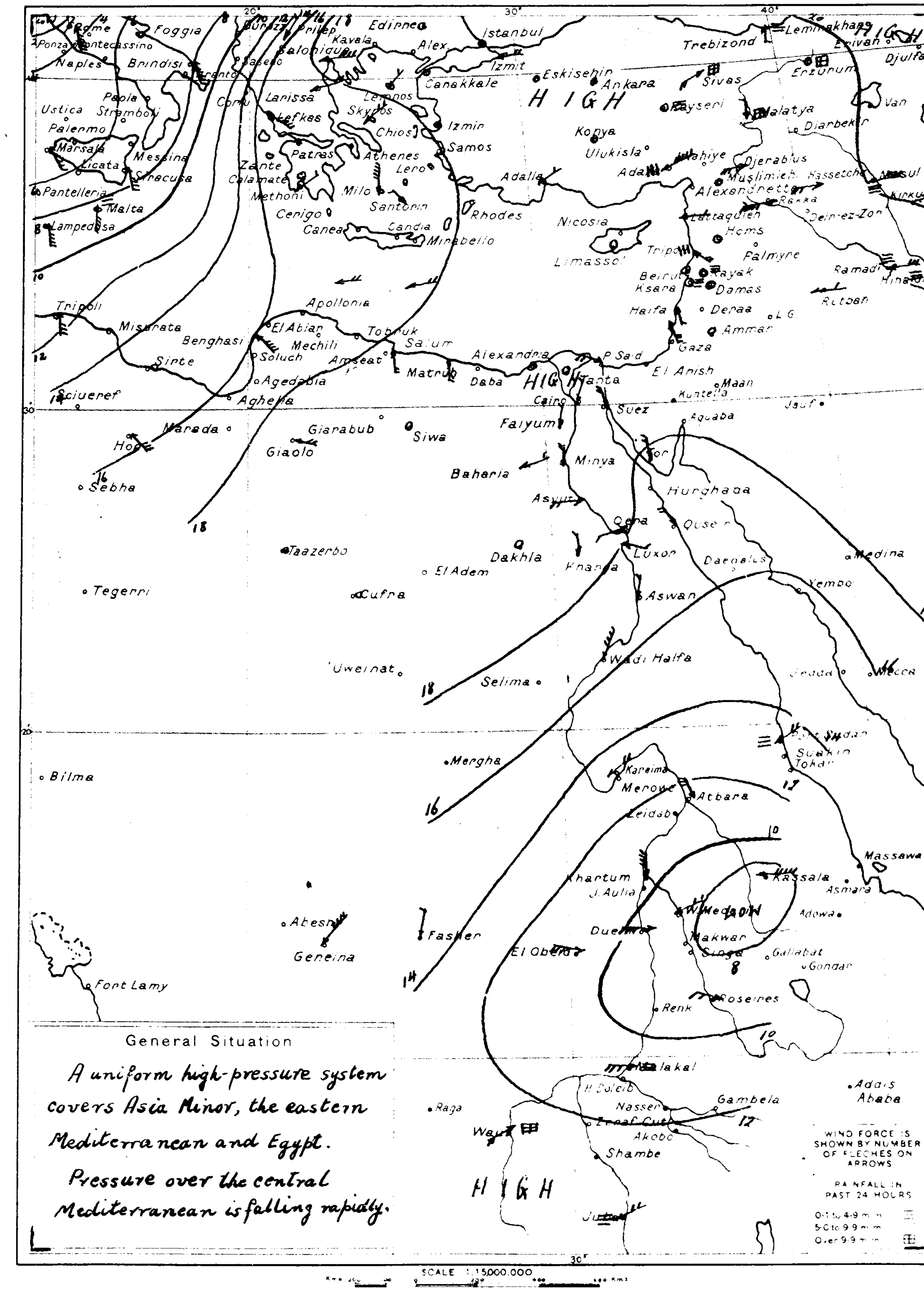
Giza Grass minimum on 24th 11.2°C

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

DATE	1937	1936
24-10	2627	3756
23-10	2809	3839

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	24-10	13.79	+0.11	13.77	+0.10
Nâsser	23-10	10.65	+0.08	10.65	+0.08
Malakâl	24-10	12.43	+0.12	12.43	+0.12
Roseires	24-10	15.00	−0.35	15.10	−0.35
Sennâr Res.	23-10	17.20	—	17.24	—
Khartûm	24-10	12.76	−0.76	12.77	−0.83
Kh. el Girba	23-10	11.16	−0.23	11.20	−0.24
Atbara	24-10	12.04	−0.61	12.13	−0.61
Kajnarti	23-10	137.52	−1.10	137.66	−1.09
Wâdi Halfa	24-10	4.97	−0.58	5.05	−0.56
Aswân Res.	24-10	106.33	—	105.55	—
D. S.	24-10	88.32	−1.51	88.52	−1.42
El Leisi	24-10	21.96	−0.48	21.98	−0.49
Rôda (Cairo)	24-10	17.96	−0.61	18.04	−0.65

Pressure and Wind at 8h. 24-10-37



General Situation

A uniform high-pressure system covers Asia Minor, the eastern Mediterranean and Egypt.

Pressure over the central Mediterranean is falling rapidly.

STATION	At 8h on 23rd ٢٢ 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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Almaza	1017.0	—	SW	2	19.9	26	—	14	—	73	—	1	6	Sc	1	dr	dr	—	الالماظ
Hurghada	1015.1	+0.7	NNW	4	26.5	34	+4	19	0	51	−4	0	4	—	0	0	dr	0	الغردقة
Limassol	1015	−1	—	0	18	—	—	—	—	—	—	3	—	—	—	—	—	—	ليماسول
Haifa	1015.2	+0.7	NNE	1	20.5	25	−3	18	+2	79	+16	9	—	—	—	2	36	12	حيفا
Gaza	1014.6	−0.2	—	0	21.8	30	+2	16	0	73	+5	1	7	—	1	0	0	6	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

Aswan discharge for 14 & 15/10/37 published on 14-16/10/37 should read 5105 & 4766 instead of 5055 & 4065 m³ p.s. respectively.

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. 17 14

Month October 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-١٠-٢٥

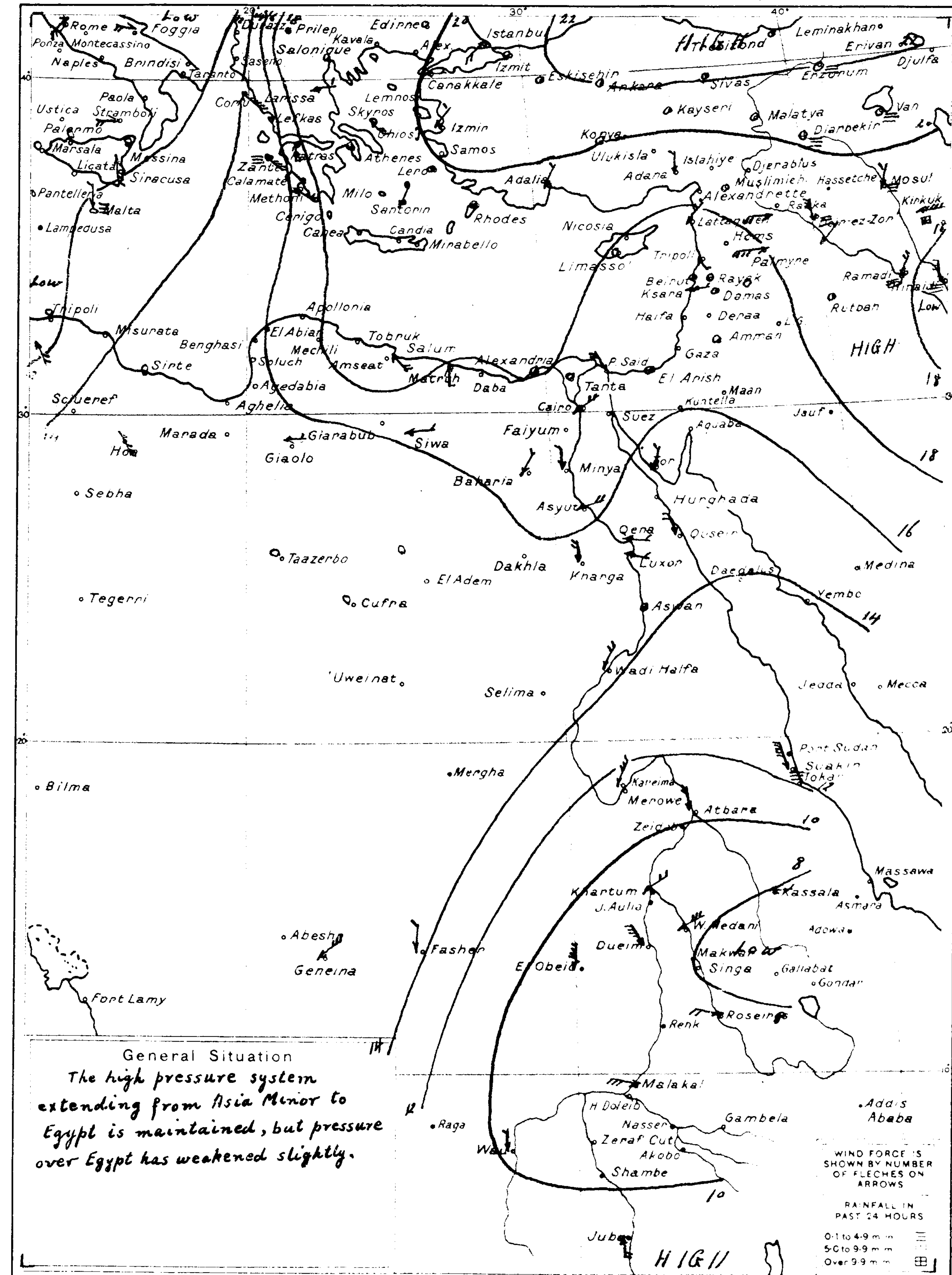
1417 F.C.

No.		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	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	1019.1	ENE	3	22.8	57	3	8	1019.2	+1.5	SE	2	19.4	25	—	18	—	75	—	3	6	Ac	2	0	4	—
		MATRÛH	1017.8	NE	2	24.2	60	2	6	1017.5	+0.6	S	1	20.0	26	0	17	0	72	-3	4	6	Sc	1	0	tr	15
		DIKHEILA	1018.4	N	2	24.5	57	2	8	1018.2	—	SE	2	20.2	26	—	16	—	71	—	1	8	As	1	0	1	—
		ALEXANDRIA	1018.2	NNE	1	26.2	58	2	9	1018.2	+1.1	—	0	23.4	29	+2	19	0	67	-3	2	7	Ac	2	0	2	5
159		DAMIETTA								1017.2	—	NNE	1	24.2	28	—	17	—	68	—	1	8	Ci	1	0	3	5
[illegible]		PORT SAÎD	1017.6	NW	3	27.1	52	1	7	1017.2	+2.1	NW	2	25.2	28	+1	18	-2	67	-3	1	7	Ac	1	0	1	2
		EL 'ARÎSH								1016.7	—	—	0	25.0	28	—	18	—	68	—	0	7	—	0	0	dr	2
	LOWER EGYPT	DAMANHÛR								1018.2	+1.0	WNW	1	20.6	28	-1	15	0	75	-11	2	8	Cu	1	0	2	3
		MANSÛRA								1017.2	—	NE	1	20.8	28	-2	15	-1	77	-1	1	7	Cs	1	0	3	1
		TANTA	1017.5	SW	2	27.9	42	1	8	1018.0	+0.5	—	0	18.0	29	-1	13	-3	90	+11	1	8	Ci	0	0	tr.	0
		ZAGÂZÎG	1017.6	SW	1	26.4	55	2	8	1017.9	—	SW	1	22.8	28	-1	14	-1	70	-10	1	8	Ci	1	0	22	0
	MIDDLE EGYPT — CAIRO	ALMÂZA	1017.5	NW	2	27.5	47	1	7	1018.2	—	NE	1	21.1	28	—	14	—	74	—	2	7	As	1	0	dr	—
		EZBEKÎYA	1016.8	NNE	2	28.3	40	0	8	1017.6	+1.1	NE	1	20.0	29	0	16	0	84	+6	3	5	Ci	1	0	dr	2
		GÎZA	1017.1	N	1	27.8	47	1	8	1017.5	+1.2	NW	1	19.1	29	0	13	-2	85	+2	3	5	As	1	0	1	2
143		HELWÂN	1017.0	NNW	4	26.7	34	0	7	1017.2	+0.5	ENE	2	21.9	27	-1	17	0	60	-7	3	6	Ci	0	0	dr	1
144		SUEZ	1017.2	NNE	3	26.8	45	0	8	1017.5	+1.9	NNW	2	19.3	27	-3	16	-3	77	0	0	8	—	0	0	dr	3
153	UPPER EGYPT	FAIYÛM	1016.8	SE	2	28.3	40	0	7	1017.4	+1.3	NNE	1	21.5	31	+1	15	-1	66	-8	2	7	Cu	1	0	0	0
154		MINYA	1016.7	N	2	28.6	36	0	8	1016.8	+0.2	N	1	20.5	29	+1	15	-1	62	-14	1	7	As	1	0	0	—
155		ASYÛT	1016.2	W	3	30.0	36	0	8	1016.6	+1.2	E	2	21.8	30	+1	16	0	55	-13	0	6	—	0	0	0	0
156		QENA	1014.8	W	1	32.0	41	0	8	1015.9	+1.4	ESE	1	24.0	34	0	17	+1	46	-11	1	7	Ci	1	0	0	—
157		LUXOR	1014.4	ENE	2	33.8	42	0	8	1015.5	—	ESE	1	25.0	34	—	16	—	54	—	2	8	Ac	1	0	dr.	—
158		ASWÂN	1013.1	N	1	33.3	22	0	8	1014.7	+0.8	—	0	22.5	34	-1	18?	-1	46	+3	0	8	—	0	0	dr.	—
148	WESTERN DESERT	SÎWA	1015.5	ESE	2	30	60	1	6	1016.0	-1.0	E	1	21.2	31	+1	18	+4	81	+18	0	6	—	1	0	0	0
149		BAHARÎYA	1016.3	ESE	1	30.8	39	0	9	1016.7	—	NE	1	21.0	31	—	16	—	74	—	0	9	—	0	0	0	—
151		KHARGA	1015.1	N	1	32.0	30	0	9	1015.2	+0.1	N	1	24.6	33	0	19	+2	45	-10	0	9	—	0	0	0	dr
152		DÂKHLA	1014.6	SW	1	32.9	35	0	8																		
145	RED SEA	TÔR	1014.7	NW	6	26.5	74	0	6	1014.8	+0.4	NE	1	24.8	27	-1	17	0	68	-9	0	6	—	0	0	0	0
146		HURGHÂDA																									0
147		QUSEIR	1016.3	N	3	28.6	52	0	6	1015.2	+0.9	NNW	2	28.0	30	0	22	0	32	-15	2	7	As	1	0	dr	0
169		PORT SUDAN								1012.3	-0.1	NNW	5	29.9	—	—	26	+2	62	-14	2	—	—	—	dr	dr	8
165	NORTH SUDAN	WADI HALFA								1014.8	+0.9	NE	2	22.6	34	-1	18	0	36	-1	0	7	—	0	—	..	—
166		KAREIMA								1011.2	-0.4	NE	3	28.6	38	-1	26	+4	52	+22	0	8	—	0	0	dr	1
167		'ATBARA								1010.7	+0.2	NNW	2	28.4	39	+1	25	+3	38	+13	0	—	—	0	0	1	1
168		KHARTÛM								1009.6	+0.2	ENE	2	32.0	41	+2	25	+2	43	+9	0	8	—	0	0	2	4
170		KASSALA								—	—	E	1	32.8	40	+2	25	+2	34	-11	0	7	—	0	0	dr	9
171	CENTRAL SUDAN	WAD MEDANI								1008.2	-1.3	ENE	3	30.0	41	+2	23	+1	41	+1	0	—	—	0	0	1	9
173		DUEIM								1008.3	-1.2	NW	4	31.6	42	+3	27	+5	42	-1	0	—	—	0	0	14	9
		RENK																									
172		ROSEIRES								1009.0	-1.0	WNW	2	26.4	39	+3	20	0	65	0	0	—	—	0	0	8	24 ✗
174		EL OBEID								1009.1	-2.3	N	4	28.3	38	+2	22	+3	44	+1	0	8	—	0	0	8	15
175		EL FÂSHER								—	—	N	1	23.5	39	+3	17	0	35	+1	0	—	—	0	0	23	6
176	S. SUDAN	MALAKÂL								1009.0	-1.8	WNW	3	26.1	35	0	23	+2	84	+11	1	8	Ci	1	0	24	62
177		WAU								1009.3	-0.5	N	1	26.0	35	0	21	+1	78	0	1	—	—	0	0	152	98
178		JÛBA								1011.7	+0.6	S	2	25.2	34	-1	20	0	84	+7	4	8	Cs	2	0	96	73
179		Geneina								—	—	ENE	3	16.9	35	—	13	—	43	—	2	8	Ci	0	0	14	—
180		Gallabat																									

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

Height metres above M.S.L.	Solum 07h 00m Dir. E of N	Kms per hour	Matruh 07h 00m Dir.	Kms per hour	Dikheila 07h 15m Dir.	Kms per hour	Cairo 08h 15m 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	W. Halfa 06h 00m Dir.	Kms per hour	Kareima 06h 00m Dir.	Kms per hour	Khartum 05h 00m Dir.	Kms per hour	Kassala 07h 00m Dir.	Kms per hour	El Obeid 06h 00m Dir.	Kms per hour	Malakal 06h 00m Dir.	Kms per hour	Salum 24th 13h 00m Dir.	Kms per hour	Almaza 24th 11h 30m Dir.	Kms per hour
200	160	8	90	19	70	13	90	15	50	15	—	—	—	—	30	18	—	—	—	—	—	—	—	—	—	—	70	12	50	10
500	100	37	80	20	70	20	40	18	50	16	90	12	60	16	50	42	50	43	50	18	—	—	—	—	220	14	—	—	30	8
1000	60	16	60	23	70	22	40	16	50	11	40	13	40	17	40	53	60	47	130	8	110	27	30	60	180	8	150	12	10	7
1500	0	5	10	10	50	23	0	11	310	12	350	26	20	22	30	45	70	43	—	0	90	32	50	76	60	18	110	4		
2000	310	7	10	9	10	20	350	16	340	17	330	31	20	34	20	27	60	32	280	13	60	21	60	53	340	8	310	1		
3000	310	10			340	21	310	22	330	18					10	21	70	16			40	8					210	12		
4000	280	25							330	21																				
5000	290	35							310	32																				
6000	ent. Ac.																													

Pressure and Wind at 8 h 25-10-1937



General Situation

The high pressure system extending from Asia Minor to Egypt is maintained, but pressure over Egypt has weakened slightly.

Forecast for 24 hours from noon on 25th

On the coast moderate east to southeast winds. Inland moderate northeast winds, freshening.
Occasional high cloud.
Slightly warmer.

عن الطقس المنتظر في ٢٤ ساعة من ظهر ٢٥

رياح معتدله بين شرقيه وجنوبيه شرقيه على الساحل
ورياح معتدله شماليه شرقيه ثم تشتد قوتها في الداخل
تظهر بعض السحاب العالي أحيانا
ترتفع درجة الحراره قليلا

STATION	Mean of day: Humidity on 24th	Diff from normal	Wet bulb temp. on 24th	Diff from normal
Alexandria	66	-1	19.4	+0.8
Ezbekiya	71	+5	19.2	+0.6
Giza	76	+7	18.7	+0.2
Helwan	55	0	16.0	-0.5

Giza Grass minimum on 25th 10.5

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

DATE	1937	1936
25-10	2363	3644
24-10	2627	3756

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	25-10	13.88	+0.19	13.79	+0.11
Nâsser	24-10	10.65	+0.07	10.65	+0.08
Malakâl	25-10	12.43	+0.11	12.43	+0.12
Roseires	25-10	14.92	-0.35	15.00	-0.35
Sennâr Res.	24-10	17.21	—	17.20	—
Khartûm	24-10	12.76	-0.76	12.77	-0.83
Kh. el Girba	24-10	11.10	-0.25	11.16	-0.23
Atbara	24-10	12.04	-0.61	12.13	-0.61
Kajnarti	24-10	137.41	-1.15	137.52	-1.10
Wâdi Halfa	25-10	4.90	-0.59	4.97	-0.58
Aswân Res.	25-10	107.09	—	106.33	—
D S	25-10	88.12	-1.55	88.32	-1.51
El Leis	25-10	21.88	-0.62	21.96	-0.48
Roda (Cairo)	25-10	17.93	-0.61	17.96	-0.61

At 8 h. on 24th — الساعة ٨ يوم ٢٤

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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	مرصد
Limassol	1019	+3	—	0	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1018.3	+3.8	SSE	1	21.5	24	-4	18	+2	75	+12	8	—	—	—	0	36	13	حيفا
Hurghuda	1018.0	+3.6	NW	3	25.8	29	-1	20	+2	60	+6	0	6	—	0	0	dr	0	الغردقة

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 136/530

CAIRO
Time of sunrise 06 05
sunset 17 13

Month October 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-١٠-٢٦

1417 F.C.

No.	Station	14h. on 25th: Bar. Pressure reduced to M.S.L. mb	Wind Dir.	Force	Temperature °C	Humidity %	Present weather	Visibility	8h. Tuesday 26th: Bar. Pressure 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 mm	Total 1st Oct. to yesterday mm	Normal 1st Oct. to yesterday mm
130	SALÛM	1018.0	ENE	3	22.8	64	2	8	1019.2	+1.5	ENE	2	23.0	24	—	19	—	71	—	2	6	Cb	2	0	4	—
131	MATRÛH	1016.4	NE	1	25.0	62	4	6	1017.1	+0.2	—	0	21.6	25	0	19	+2	84	+9	3	6	Cu	6	2	2	16
150	DIKHEILA	1015.6	N	2	24.9	54	3	—	1017.4	—	E	2	23.8	27	—	20	—	67	—	3	—	—	—	0	1	—
132	ALEXANDRIA	1016.3	NE	2	26.0	62	3	9	1017.0	-0.2	NE	2	24.0	29	+2	21	+2	69	-1	3	8	Sc	2	0	2	5
159	DAMIETTA								1015.6	—	NE	1	24.5	26	—	20	—	73	—	4	8	Cb	5	1	4	5
134	PORT SAID	1015.8	NNW	3	26.1	59	1	7	1015.6	+0.4	NNE	3	26.7	28	+1	22	+2	59	-11	2	7	Sc	1	0	1	2
135	EL ARÎSH	1015.6	NNW	2	26.0	68	0	7	1015.0	—	—	0	24.7	28	—	19	—	71	—	0	7	—	0	0	dr	2
136	DAMANHÛR								1016.8	-0.5	NNE	1	22.9	29	0	18	+3	76	-10	3	7	Sc	1	0	2	3
137	MANSÛRA								1015.6	—	N	2	22.5	29	0	19	+3	78	0	2	6	Cu	1	0	3	1
[illegible]	TANTA	1016.2	—	0	28.2	52	2	8	1016.2	-1.4	—	0	21.8	29	0	15	0	79	0	2	8	Cu	1	0	tr	0
[illegible]	ZAGÂZIG	1015.2	NNW	1	26.6	51	2	8	1016.4	—	NNW	1	22.4	27	-2	16	+1	81	+1	2	8	Ac	1	0	22	0
	CAIRO ALMÂZA	1015.0	N	3	27.0	30	3	7	1016.4	—	ESE	1	18.2	28	—	14	—	80	—	4	6	Cc	2	0	dr	—
	CAIRO EZBEKÎYA	1015.0	—	0	28.8	42	3	8	1016.0	-0.5	NNE	1	20.0	30	+1	17	+1	92	+13	3	4	Sc	1	0	dr	2
	CAIRO GÎZA	1014.7	NE	1	28.3	41	3	8	1015.9	-0.5	N	2	19.2	29	0	15	+1	89	+6	4	5	Sc	2	0	1	2
143	HELWÂN	1014.0	NNE	3	27.4	25	3	8	1015.1	-1.7	NE	4	21.8	28	0	19	+2	72	+5	4	6	Cc	1	0	dr	1
144	SUEZ	1015.1	—	0	27.2	47	1	8	1015.5	-0.1	NW	2	21.2	30	+1	18	-1	79	+2	3	7	As	1	0	dr	3
153	FAIYÛM	1014.4	N	1	28.5	37	3	7	1016.4	+0.3	NNE	3	21.1	30	+1	17	+1	76	+2	3	6	Cu	1	0	0	0
154	MINYA	1014.0	NW	2	29.5	27	2	8	1015.5	-1.1	N	2	20.5	32	+4	16	0	70	-6	3	6	Ac	2	0	0	—
155	ASYÛT	1013.8	WSW	3	30.6	24	0	8	1014.8	-0.7	WSW	2	20.7	31	+2	17	+1	69	0	3	6	Cu	2	0	0	0
156	QENA	1013.1	W	1	30.0	57	2	8	1014.2	-0.4	NNW	1	22.4	32	-1	17	+1	52	-5	2	7	Cu	1	0	0	—
157	LUXOR	1012.6	ENE	1	32.9	32	3	8	1013.5	—	WNW	1	23.2	35		16	—	63		2	7	Cu	1	0	dr	—
158	ASWÂN	1011.8	N	3	32.8	23	0	8	1013.3	-0.7	—	0	25.0	33	-2	19	0	50	+6	1	8	Ci	1	0	dr	—
148	SÎWA	1014.4	E	2	29.7	63	2	6	1017.2	+0.1	—	0	22.1	30	0	17	+3	82	+19	0	6	—	0	0	0	0
149	BAHARÎYA	1014.3	ENE	1	30.0	37	4	9	1016.7		N	1	19.7	31		17	—	84	—	4	9	Cc	2	0	0	—
151	KHARGA	1012.6	—	0	34.3	25	0	9	1013.9	-1.3	NE	1	24.3	34	+1	20	+4	46	-10	2	9	Ci	0	0	0	dr
152	DÂKHLA	1015.6	SSW	1	34.7	22	3	6	1015.2	-1.2	—	0	22.8	35	+3	19	+3	32	-15	0	8	—	0	0	0	—
145	TÔR	1012.8	NW	4	27.2	71	0	6	1012.8	-1.7	NE	1	24.5	29	+1	16	-1	53	-14	0	6	Cc	0	0	0	0
146	HURGHÂDA								1013.9	-0.7	NNW	5	25.4	29	0	17	-1	60	+6	0	5	Ci	1	0	dr	0
147	QUSEIR	1012.7	NE	2	28.6	49	2	7	1013.0	-1.4	N	3	27.8	30	0	22	0	31	-16	3	7	Sc	2	0	dr	0
169	PORT SUDAN								1012.6	+0.1	N	3	30.0	—	—	26	+2	59	-7	3	—	—	1	dr	dr	8
165	WÂDI HALFA								1014.5	+0.5	NE	1	21.4	34	-1	17	-1	38	0	0	7	AcCi	0	—	—	—
166	KAREIMA								1012.0	+0.3	NE	2	26.4	37	-2	22	+1	24	-6	0	8	—	0	0	dr	1
167	'ATBARA								1010.6	0.0	ENE	2	29.0	38	0	24	+2	39	+14	0	—	—	0	0	1	1
168	KHARTÛM								1010.5	+1.0	NNE	2	29.3	41	+2	25	+2	40	+6	0	7	—	0	0	2	4
170	KASSALA								1007.8	-1.9	E	1	31.1	40	+2	24	+1	53	+8	0	7	—	0	0	dr	9
171	WAD MEDANI								1009.0	-0.5	ENE	3	30.0	40	+2	22	0	45	+5	0	—	—	0	0	1	10
173	DUEIM								1009.3	-0.3	NW	3	30.6	40	+1	27	+5	38	-4	0	—	—	0	0	14	10
182	RENK																									
172	ROSEIRES								1008.6	-1.4	SSW	2	27.2	39	+2	20	0	60	-4	0	—	—	0	0	8	25
174	EL OBEID								1009.1	-2.4	NE	4	29.6	39	+3	23	+4	41	-1	0	8	—	0	0	8	15
175	EL FÂSHER								—	—	ENE	2	25.0	39	+3	17	+1	31	-3	0	—	—	0	0	23	7
176	MALAKÂL								1009.6	-1.2	N	1	27.6	36	+1	23	+2	70	-3	4	8	AcCi	2	0	24	65
177	WÂU								1009.4	-0.4	SW	2	24.5	35	0	21	+1	83	+5	3	—	—	1	0	152	102
178	JÛBA								1012.3	+1.3	S	3	23.3	36	+1	20	0	83	+6	4	8	Cs	2	0	96	76
179	Geneina								—	—	NE	3	19.2	36	—	13	—	38	—	0	8	—	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 26th ارصاد الرياح العليا يوم ٢٦

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

Height metres above M.S.L.	Salum 07h 00m	Matruh 07h 00m	Cairo 08h 15m	Helwan 08h 30m	Asyut 07h 00m	Aswan 07h 00m	W. Halfa 06h 00m	Kareima 05 00	Khartum 05h 00m	Kassala 06h 00m	El Obeid 06h 00m	Malakal 06h 00m	Geneina 07h 00m	Salum 25th 13h 00m	Almaza 25th 11h 48
200		50 17	90 15	50 22	— —	— —	30 11	— —	— —	— —	— —	— —	— —	70 28	30 9
500	30 17	50 22	40 18	40 34	0 6	50 14	50 35	30 48	20 35	— —	— —	240 14	— —	— —	40 9
1000	60 13	40 18	40 16	50 26	350 22	50 14	40 37	40 42	40 48	90 31	40 45	230 6	0 43	60 10	320 8
1500	20 28	10 19	0 11	60 34	330 14	20 35	30 37	20 18	10 35	50 21	40 60	110 11	60 51	0 12	300 11
2000	20 19	40 16	350 16	20 13	300 20	0 46	20 40	250 6	350 24	30 34	50 47	80 24	90 37	0 8	290 15
3000	350 34		310 22	300 5		330 30	350 18	280 10	50 2	130 14	70 45	70 37	190 10	320 17	330 16
4000				290 17					50 8			50 32			300 17
5000				250 28											320 24
6000				270 37											290 36
7000				240 58											

Forecast for 24 hours from noon on 26th

Moderate northeasterly winds, freshening.
Much cloud at times.
Possibly showers in the north.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٦
رياح شمالية شرقية معتدلة ثم تشتد نوعا .
يكثر السحاب احيانا - يحتمل تساقط رذاذ في الشمال .
لا تتغير درجة الحرارة الا قليلا

Station	Mean of day: Humidity on 25th	Diff. from normal	Wet bulb temp. on 25th	Diff. from normal
Alexandria	70	+3	20.1	+1.6
Ezbekiya	73	+7	19.4	+0.9
Giza	69	0	18.6	+0.2
Helwan	42	-13	16.2	-0.2

Giza Grass minimum on 26th 12.4°C

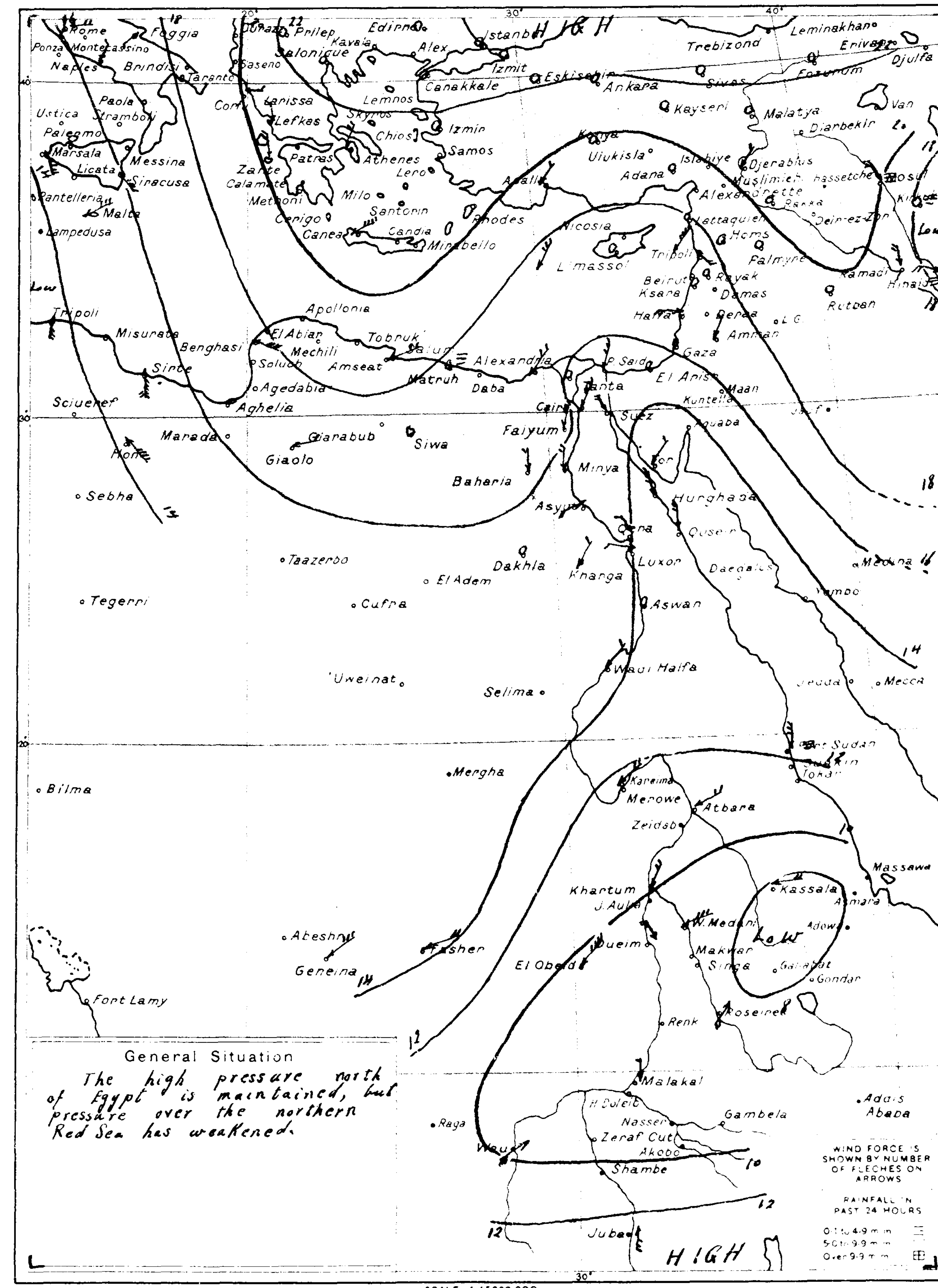
Discharges at Aswan measured by sluices m^3 per sec.

Date	1937	1936
26-10	2200	3412
25-10	2363	3644

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	25-10	13.88	+0.17	13.79	+0.11
Nasser	25-10	10.65	+0.07	10.65	+0.07
Malakâl	26-10	12.44	+0.12	12.43	+0.11
Roseires	26-10	14.83	-0.37	14.92	-0.35
Sennâr Res.	25-10	17.18	—	17.21	—
Khartûm	24-10	12.76	-0.76	12.77	-0.83
Kh. el Girba	24-10	11.10	-0.25	11.16	-0.23
'Atbara	24-10	12.04	-0.61	12.13	-0.61
Kajnarti	25-10	137.30	-1.16	137.41	-1.15
Wâdi Halfa	26-10	4.83	-0.59	4.90	-0.59
Aswân Res.	26-10	107.85	—	107.09	—
D. S.	26-10	87.92	-1.63	88.12	-1.55
El Leisi	26-10	21.80	-0.54	21.88	-0.52
Rôda (Cairo)	26-10	17.90	-0.59	17.93	-0.61

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

Pressure and Wind at 8 h. 26-10-1937



General Situation

The high pressure north of Egypt is maintained, but pressure over the northern Red Sea has weakened.

Station		At 8h. on 25-10-1937: Bar. Pressure 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 mm	Total 1st Oct. to yesterday mm	Normal 1st Oct. to yesterday mm
Limassol	ليماسول	1017	+1	—	0	21	—	—	—	—	—	—	0	—	—	—	—	—	—
Haifa	حيفا	1017.1	+2.5	ENE	2	22.6	25	-3	18	+2	67	+5	0	—	—	—	0	36	13
Gaza	غزه	1016.8	+1.8	—	0	20.1	29	+1	16	0	77	+8	0	9	—	0	0	0	6
Dakhla	الداخله	1015.6	-0.7	—	0	20.5	34	+2	16	0	51	+4	0	8	—	0	0	0	—
Hurghada	الغردقة	—	—	NNW	4	25.6	30	0	19	+1	64	+10	0	5	Ci	1	0	dr	0

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 4-7-37 published on 5 & 6-7-37 should read 10.29 instead of 10.20 M.

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

CAIRO
Time of sunrise h. 06 m. 05
sunset h. 17 m. 12

Month October 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٢٧-١٠-٣٧

No.	STATION	At 14h on 26th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Wednesday 27th: 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 mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm
	Mediterranean																									
	SALÛM	1019.1	NNE	5	22.8	78	2	8	1019.4	+1.6	WNW	3	17.0	24	—	15	—	80	—	3	6	Cb	2	0	4	—
	MATRÛH	1016.4	N	2	25.0	74	2	6	1016.6	-0.4	NE	2	22.1	26	+1	19	+2	70	-5	3	6	Cu	1	0	2	17
	DIKHEILA	1016.8	N	2	25.2	64	2	7	1015.8	—	N	2	23.9	26	—	20	—	68	—	0	8	Cu	1	0	1	—
	ALEXANDRIA	1016.8	NE	3	27.8	60	3	9	1015.5	-1.8	N	3	24.2	31	+4	20	+1	69	-1	2	8	Cu	6	5	7	5
159	DAMIETTA								1013.8	—	NW	3	25.7	28	—	22	—	71	—	2	8	Cu	2	tr	4	5
134	PORT SAÏD	1014.0	NNE	3	26.6	61	3	7	1013.4	-1.8	NNW	3	26.6	29	+2	23	+3	69	-1	1	7	Ac	1	0	1	3
135	EL 'ARÎSH	1013.1	N	2	26.0	79	3	6	1012.3	—	SSW	1	23.6	28	—	17	—	86	—	2	6	Cu	0	0	dr	2
	Lower Egypt																									
136	DAMANHÛR								1015.6	-1.8	NW	1	23.1	28	-1	18	+3	74	-12	2	7	Cu	1	0	2	3
137	MANSÛRA								1014.0	—	N	2	22.6	29	0	19	+3	77	-1	5	7	Cc	5	dr	3	1
	TANTA	1014.8	N	1	26.8	55	3	7	1015.0	-2.6	—	0	20.0	29	0	17	+2	91	+12	2	8	Cu	1	0	tr	0
	ZAGÂZÎG	1014.3	NNW	2	27.1	64	2	8	1014.6	—	NW	1	22.4	27	-2	18	+3	85	+5	2	8	Cc	1	0	22	0
	Middle Egypt																									
	CAIRO ALMÂZA	1014.4	NNE	1	27.7	42	4	8	1015.4	—	N	1	20.9	28	—	14	—	79	—	4	6	As	2	0	dr	—
	CAIRO EZBEKÎYA	1013.6	NNE	2	29.0	54	3	8	1014.6	-2.0	—	0	21.4	30	+1	19	+3	90	+11	3	8	Cu	1	0	dr	2
	CAIRO GÎZA	1013.5	N	2	27.6	51	4	7	1014.6	-1.9	N	1	20.4	29	+1	17	+3	87	+4	4	5	Sc	1	0	1	2
143	HELWÂN	1013.3	NNE	4	27.3	39	4	8	1014.4	-2.4	NW	3	20.0	28	0	18	+1	76	+9	1	5	Cu	0	●	dr	1
144	SUEZ	1013.1	NNW	2	27.6	42	3	7	1014.0	-1.7	NNE	3	21.7	28	-1	19	+1	83	+6	0	6	—	0	0	dr	3
	Upper Egypt																									
153	FAIYÛM	1013.5	N	3	27.3	44	2	7	1014.7	-1.5	NNW	3	21.9	29	0	18	+3	75	+1	0	6	—	0	0	0	0
154	MINYA	1013.4	NNW	3	26.0	52	3	7	1014.2	-2.5	N	2	21.5	26	-2	18	+2	76	0	1	7	As	0	0	0	—
155	ASYÛT	1013.0	WSW	3	27.2	42	3	7	1014.4	-1.2	WNW	3	20.0	28	-1	17	+1	74	+5	0	7	—	0	0	0	0
156	QENA	1011.8	WNW	1	31.0	29	3	8	1013.4	-1.3	WSW	3	22.5	32	-1	19	+3	56	-1	0	8	—	0	0	0	—
157	LUXOR	1011.5	ENE	1	32.4	39	3	8	1013.1	—	SSW	1	26.1	35	—	16	—	57	—	0	8	—	0	●	dr	—
158	ASWÂN	1010.6	N	1	33.0	25	2	8	1013.3	-0.8	N	1	24.2	36	+1	21	+2	45	+1	1	8	Cu	1	0	dr	—
	Western Desert																									
148	SÎWA	1015.8	NNE	1	28	72	0	6	1019.0	+1.9	—	0	20.4	30	0	15	+1	83	+20	0	6	—	●	0	0	0
149	BAHARÎYA	1014.3	NNE	2	27.5	48	1	9	1016.4	—	N	1	20.8	28	—	18	—	83	—	0	9	—	●	0	●	—
151	KHÂRGA	1011.6	NE	1	28.7	43	2	9	1014.4	-0.9	N	2	22.6	31	-1	19	+3	64	+8	0	9	—	●	0	●	dr
152	DÂKHLA	1011.9	—	0	33.0	34	0	7																		
	Red Sea																									
145	TOR	1011.8	NW	2	26.2	79	0	6	1011.6	-3.0	N	1	24.2	28	0	16	-1	66	-1	0	6	—	0	0		0
146	HURGHÂDA								1013.1	-1.6	NW	4	24.7	29	0	18	0	64	+10	0	5	Ci	1	0	dr	0
147	QUSEIR	1011.2	NE	4	27.3	65	4	7	1012.2	-2.3	N	1	25.9	30	0	21	-1	65	+18	3	6	Cu	2	0	dr	0
169	PORT SUDAN								1011.4	-1.1	SE	1	31.3	—	—	27	+3	64	-2	3	—	—	1	0	dr	8
	North Sudan																									
165	WÂDI HALFA								1013.2	-0.9	NNE	1	22.6	34	-1	19	+1	34	-4	1	7	Ac,Ci	0	—	—	—
166	KAREIMA								1012.1	+0.3	NE	1	25.8	38	-1	21	0	24	-6	0	8	—	0	0	dr	1
167	'ATBARA								1009.6	-1.0	N	2	28.8	38	0	23	+1	40	+15	0	—	—	0	0	1	1
168	KHARTÛM								1009.0	-0.5	N	3	30.0	40	+1	23	0	25	-9	0	8	—	0	0	2	4
170	KASSALA								1006.7	-3.0	E	2	31.9	39	+1	23	0	43	-2	0	8	—	0	0	dr	9
	Central Sudan																									
171	WAD MEDANI								1008.4	-1.1	NNE	2	30.0	39	+1	22	0	36	-3	0	—	—	●	0	1	10
73	DUEIM								1009.0	-0.6	NW	3	30.8	40	+2	25	+3	28	-14	●	—	—	●	0	14	10
82	RENK																									
172	ROSEIRES								1008.6	-1.3	WNW	2	26.8	39	+2	20	+1	64	0	0	—	—	0	dr	8	26
174	EL OBEID								1010.0	-1.5	N	4	27.0	37	+1	22	+3	43	+1	3	8	Ac	1	0	8	16
175	EL FÂSHER								—	—	N	2	24.5	38	+2	18	+2	30	-4	0	—	—	0	0	23	7
	S. Sudan																									
176	MALAKÂL								1010.0	-0.8	NW	1	25.1	36	+1	22	+1	84	+12	3	7	Ac,As	2	22	46	67
177	WÂU								1010.7	+0.9	S	1	26.0	33	-2	21	+1	73	-5	2	—	—	0	0	152	107
178	JÛBA								1011.8	+0.8	SSW	3	25.6	35	0	21	+1	76	-1	4	8	Ac,Cs	1	0	96	79
179	Geneina								—	—	NE	2	17.8	36	—	15	—	53	—	2	8	Ac	0	0	14	—
180	Gallabat																									

At 14h on 26th الساعة ١٤ يوم ٢٦ — At 8h. on Wednesday 27th الساعة ٨ يوم الاربعاء ٢٧

Upper Wind Observations on 27th ارصاد الرياح العليا يوم ٢٧

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 15m Dir.	Kms	Cairo 08h 15m Dir.	Kms	Helwan 09h 15m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Aswan 07h 00m Dir.	Kms	W. Halfa 06h 00m Dir.	Kms	Kareima 06h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Kassala 07h 00m Dir.	Kms	El Obeid 07h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Geneina 07h 00m Dir.	Kms	Salum 26th 13h 00m Dir.	Kms
200	300	18	350	17	350	30	0	17	350	20	—	—	—	—	50	21	—	—	—	—	—	—	—	—	—	—	—	—	20	20
500	—	—	0	16	350	26	0	27	350	24	340	24	30	18	20	31	30	39	0	11	—	—	—	—	290	10	—	—	—	—
1000	50	20	0	14	350	19	Ent. Cu.		20	26	340	42	30	16	40	23	30	37	20	8	60	27	30	47	230	2	0	50	250	2
1500	Ent. Cb.		0	13	340	19			40	23	350	45	310	15	110	14	350	14	70	14	50	40	30	35	130	5	70	68	0	18
2000			0	11	340	10			70	17					130	21	350	13	350	18	30	32	50	24	40	11	80	51	350	14
3000															130	13	20	14					80	16	50	37	90	34	Ent. Cu.	
4000															330	14									70	24	240	8		
5000																											0	8		
6000																														

Forecast for 24 hours from noon on 27th

Moderate northerly winds, fresh at times.

Much low cloud.

Further scattered showers, possibly with thunderstorms.

Little change in temperature.

عن الطقس المنتظر ٢٤ ساعة من ظهر يوم ٢٧

رياح معتدلة شمالية تشتد احيانا - يكثر السحاب المنخفض

وتمطر مرة اخرى ذا امطار متفرقة مع احتمال ان يكون ذلك

مصحوبا بعواصف رعد وبرق .

ودرجة الحرارة كما هي

STATION	Mean of day: Humidity on 26th	Diff. from normal	Wet bulb temp. on 26th	Diff. from normal
Alexandria	73	+6	21.2	+2.8
Ezbekiya	81	+15	20.7	+2.3
Giza	77	+8	19.7	+1.4
Helwan	60	+5	18.4	+2.1

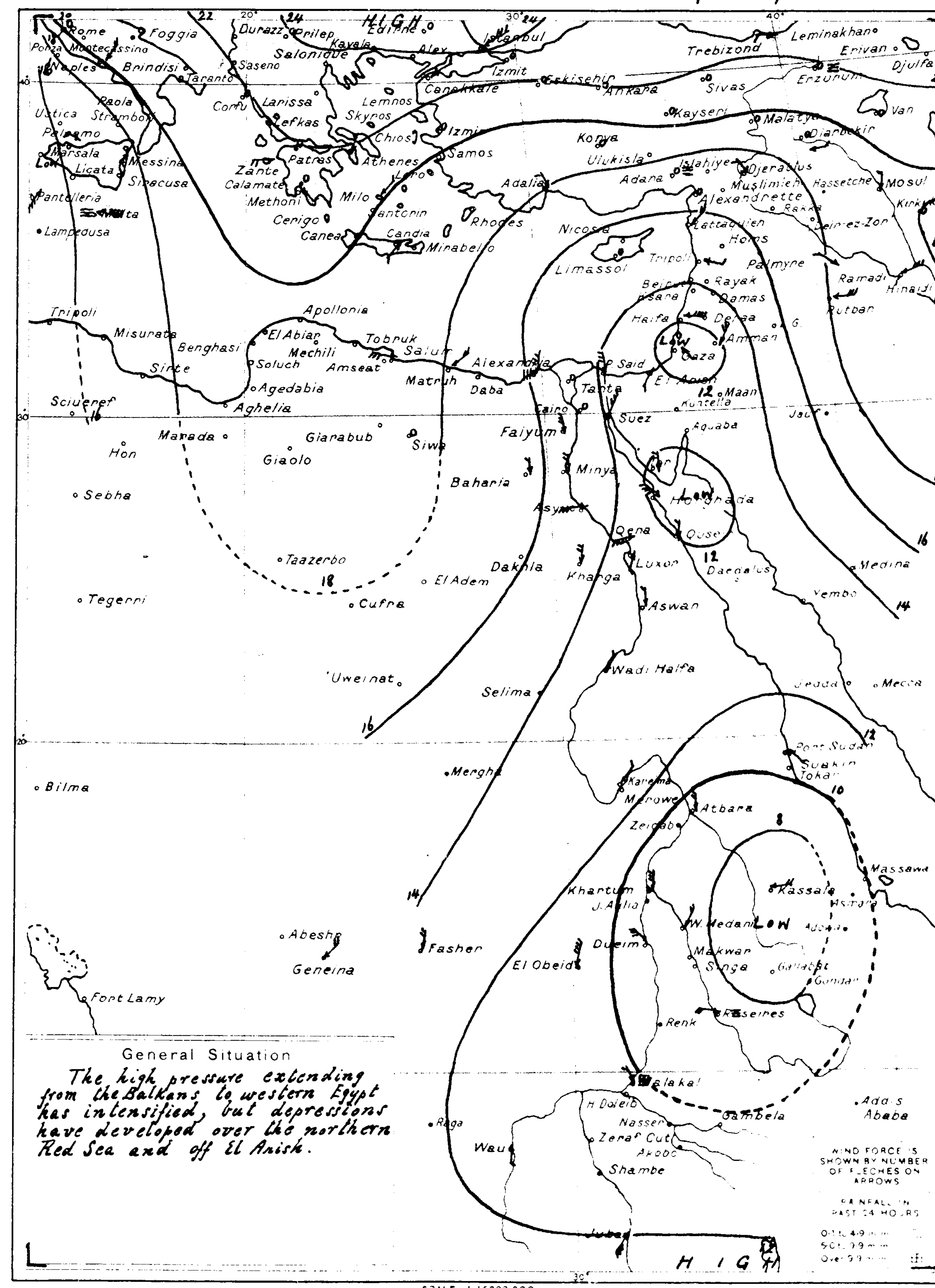
Giza grass minimum on 27th 14.1°

Discharges at Aswan measured by sluices m³ per sec.

DATE	1937	1936
27-10	2013	3232
26-10	2200	3412

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	27-10	13.76	+0.05	13.79	+0.09
Nâsser	26-10	10.64	+0.06	10.65	+0.07
Malakâl	27-10	12.44	+0.12	12.44	+0.12
Roseires	27-10	14.76	-0.37	14.83	-0.37
Sennâr Res	26-10	17.22	—	17.18	—
Khartûm	26-10	12.69	-0.67	12.74	-0.68
Kh. el Girba	26-10	11.04	-0.26	11.06	-0.26
Atbara	26-10	11.91	-0.26	11.96	-0.64
Kajnarti	26-10	137.21	-1.14	137.30	-1.16
Wâdi Halfa	27-10	4.76	-0.56	4.83	-0.59
Aswân Res U.S.	27-10	108.58	—	107.85	—
D.S.	27-10	87.72	-1.71	87.92	-1.63
El Leisi	27-10	21.66	-0.63	21.80	-0.54
Roda (Cairo)	27-10	17.87	-0.53	17.90	-0.59

Pressure and Wind at 8h 27-10-37



General Situation

The high pressure extending from the Balkans to western Egypt has intensified, but depressions have developed over the northern Red Sea and off El Arish.

STATION	At 8h. on 26th: 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	Normal	مرصد
Limassol	1017	+1	—	0	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1016.2	+1.5	WNW	2	22.7	27	-1	17	+1	67	+5	9	—	—	—	0	36	14	حيفا
Gaza	1015.2	+0.2	—	0	21.2	29	+1	17	+1	80	+11	0	9	—	0	0	0	6	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 - 367/530

CAIRO

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

Month *October* 1937 ١٩٣٧ شهر أكتوبر

MINISTRY OF PUBLIC WORKS . PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

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

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	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	1018.4	NNE	5	21.8	67	2	7	1017.4	-0.4	NNW	3	17.0	23	—	14	—	83	—	1	5	Cb	1	dr	4	—
	MATRÛH	1015.9	N	2	24.1	66	2	6	1014.4	-2.6	NNW	3	22.6	25	0	22	+5	71	-4	4	6	Sc	2	0	2	17
	DIKHEILA	1014.6	NE	5	25.0	69	4	6	1013.8	—	E	3	18.8	21	—	17	—	88	—	4	6	Cu	9	11	12	—
	ALEXANDRIA	1014.0	NE	7	24.4	77	4	8	1012.7	-4.6	E	1	18.7	28	+1	17	-2	90	+20	4	7	Cb	6	18	25	5
159	DAMIETTA								1012.4	—	S	2	18.6	28	—	16	—	90	—	5	6	Cb	9	35	39	5
134	PORT SAÏD	1011.6	NW	5	28.6	67	2	7	1012.0	-3.3	SW	3	21.1	30	+3	18	-1	78	+8	4	7	Cb	6	6	7	3
135	EL 'ARÎSH								1011.6	—	NNE	1	24.0	28	—	20	—	75	—	2	6	Cb	1	31	31	2
	LOWER EGYPT																									
136	DAMANHÛR								1014.0	-3.4	SE	1	19.2	28	-1	16	+1	84	-2	2	8	Ac	8	37	39	3
137	MANSÛRA								1013.8	—	S	1	17.5	28	-1	15	-1	88	+9	2	4	Ac	1	48	51	1
	TANTA	1012.0	—	0	27.3	51	3	8	1012.8	-4.9	—	0	18.3	29	0	16	+1	91	+11	4	8	Cb	2	39	39	0
	ZAGAZÎG	1012.0	NNW	1	26.6	58	3	8	1013.9	—	SW	3	19.8	27	-1	15	0	84	+4	4	8	Sc	2	3	25	0
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1013.1	W	3	—	—	9	7	1013.3	—	SE	2	18.0	28	—	13	—	88	—	5	6	Sc	8	24	24	—
	CAIRO EZBEKÎYA	1011.9	NNW	1	26.0	64	3	8	1012.6	-4.0	—	0	18.0	28	0	17	+1	95	+16	5	4	Cb	5	14	14	2
	CAIRO GÎZA	1011.8	N	2	24.5	61	4	6	1012.6	-3.9	—	0	17.8	28	0	15	+1	95	+12	5	5	Ns	8	53	54	2
143	HELWÂN	1011.0	WNW	5	26.9	51	3	7	1012.8	-4.1	SE	2	16.2	27	-1	14	-3	94	+26	5	6	Cb	6	22	22	1
144	SUEZ	1011.2	NNE	2	28.9	45	1	7	1009.6	-6.1	NNW	2	21.0	30	+1	17	-1	71	-6	3	6	As	5	dr	dr	3
	UPPER EGYPT																									
153	FAIYÛM	1011.0	NW	3	27.5	44	3	6	1012.3	-4.0	—	0	18.9	29	0	17	+2	79	+5	4	6	Cu	2	0	0	0
154	MINYA	1012.2	NW	3	27.8	44	2	7	1013.6	-3.2	NNW	2	21.2	28	0	17	+1	73	-3	2	8	As	1	dr	dr	—
155	ASYÛT	1012.0	WSW	4	27.2	54	0	8	1014.0	-1.7	WNW	3	20.0	28	-1	17	+1	77	+8	0	6	—	0	0	0	0
156	QENA	1011.2	W	1	29.5	37	0	8	1013.1	-1.7	W	2	22.8	30	-3	19	+3	62	+5	0	8	—	0	0	0	—
157	LUXOR	1010.8	WSW	4	31.1	36	0	8	1012.3	—	WSW	2	24.8	32	—	17	—	60	—	0	8	—	0	0	dr	—
158	ASWÂN	1009.4	N	2	32.9	26	0	8	1012.4	-1.8	NNW	1	23.0	34	0	19	0	59	+15	0	8	—	0	0	dr	—
	WESTERN DESERT																									
148	SÎWA	1015.9	WNW	1	26.1	76	1	6	1016.0	-1.2	—	0	18.9	29	-1	13	-1	91	+28	0	6	—	0	0	0	0
149	BAHARÎYA	1011.9	NW	2	27.2	50	2	9	1015.1	—	WNW	1	20.8	28	—	16	—	77	—	0	9	—	0	0	0	—
151	KHÂRGA	1012.0	N	4	30.0	36	0	9	1013.8	-1.6	—	0	21.0	30	-2	16	0	65	+9	0	9	—	0	0	0	dr
152	DÂKHLA	1013.1	NNW	3	28.4	32	0	7	1015.2	-1.2	WNW	2	22.2	29	-3	17	+1	46	-1	0	7	—	—	0	0	—
	RED SEA																									
146	TÔR	1010.2	NW	3	27.3	78	0	6	1010.8	-3.9	N	2	23.5	28	0	13	-4	72	+5	0	4	—	0	0	0	0
146	HURGHÂDA								1011.4	-3.4	NNW	3	24.2	29	0	18	0	77	+23	0	7	Cu	0	0	dr	0
147	QUSEIR	1011.0	NE	2	27.0	65	0	7	1011.6	-2.9	W	2	26.7	29	-1	23	+1	44	-3	0	7	—	0	0	dr	0
169	PORT SUDAN								1010.0	-2.6	NW	1	31.6	—	—	26	+2	64	-2	3	—	—	1	0	dr	9
	NORTH SUDAN																									
165	WÂDI HALFA								1014.3	+0.1	N	3	21.8	35	0	19	+1	43	+5	0	7	—	0	—	—	—
166	KAREIMA								1010.9	-1.0	N	3	26.8	37	-1	21	0	26	-4	0	8	—	0	0	dr	1
167	'ATBARA								1009.5	-1.2	NNW	3	28.5	38	0	24	+2	34	+9	0	—	—	0	0	1	1
168	KHARTÛM								1009.1	-0.5	N	4	28.0	39	0	23	+1	57	+23	2	8	Ac, Ci	0	0	2	4
170	KASSALA								1006.3	-3.5	SSE	2	27.6	39	+1	21	-2	39	-7	1	7	Cs	0	0	dr	10
	CENTRAL SUDAN																									
171	WAD MEDANI								1008.3	-1.3	NNE	1	29.8	39	+1	20	-2	20	-18	1	—	—	0	0	1	10
173	DUEIM								1009.0	-0.7	NNW	3	29.6	40	+2	22	+1	39	-3	1	—	—	0	0	14	10
	RENK																									
172	ROSEIRES								1009.1	-0.8	NNW	2	26.4	39	+2	21	+2	66	+3	0	—	—	—	0	8	27
174	EL OBEID								1010.4	-1.1	NE	3	25.3	37	+1	20	+1	34	-7	2	8	Ac, Cs	0	0	8	17
175	EL FÂSHER								—	—	W	2	22.0	39	+3	15	-1	43	+10	0	—	—	0	0	23	7
	S. SUDAN																									
176	MALAKÂL								1010.0	-0.8	ESE	2	25.7	33	-2	23	+2	84	+13	4	8	Ac & As	2	0	46	70
177	WÂU								1009.0	-0.8	SW	1	24.8	36	+1	22	+2	77	-1	3	—	—	0	0	152	111
178	JÛBA								1012.1	+1.1	SSE	3	24.0	36	+1	22	+2	83	+6	4	8	As	1	0	96	82
179	Geneina								—	—	NE	3	18.0	36	—	12	—	44	—	1	8	Ci	0	0	14	—
180	Gallabat																									

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

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	Dikheila 07h.30m. Dir.	Kms	Helwan 10h.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 05h.00m. Dir.	Kms	Kassala 06h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Juba 07h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Salum 27th 13h.00m. Dir.	Kms
200	220	19	0	11	30	20	140	13	—	—	—	—	0	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	25
500	→	—	0	8	30	12	220	8	340	16	0	26	20	34	20	47	20	45	—	—	—	—	230	5	—	—	—	—	—	—
1000	10	16	Ext Cu		40	26	210	33	310	35	0	25	0	39	30	43	10	34	110	8	20	48	300	3	270	14	0	40	10	24
1500	350	10			30	31	220	40	300	24	350	30	320	19	10	27	30	24	40	16	20	37	10	6	170	24	60	89	Ext Cb	
2000	60	37			40	34	200	47	280	27	190	24	270	11	10	23	150	18	40	21	250	13	10	19	200	24	90	48		
3000							Ext Cb						210	21	10	16			20	10	120	5	70	24	180	40				
4000													240	51					230	6			100	34						
5000													270	43					220	35			130	31						
6000																							190	11						

Forecast for 24 hours from noon on

On the coast moderate northerly winds; inland light variable winds becoming moderate westerly.
Much low cloud. Scattered showers.
Unsettled but improving.
Normal temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر
رياح شمالية معتدلة على السواحل ورياح خفيفة مختلفة
الاتجاه ثم تصير غربية معتدلة في الداخل
كثير السحاب المنخفض . بينما كل رذاذ في انحاء متفرقة
الطقس مضطرب ولكنه آخذ في التحسن
ودرجة الحرارة حوالي المعدل

STATION	Mean of day: Humidity % on 27th	Diff. from Normal	Wet Bulb Temp. °C on 27th	Diff. from Normal
Alexandria	69	+2	20.6	+2.3
Ezbekiya	84	+18	19.7	+1.4
Giza	81	+12	18.4	+0.2
Helwan	80	+25	17.6	+1.4

Giza Grass minimum on 28th 14.2 °C

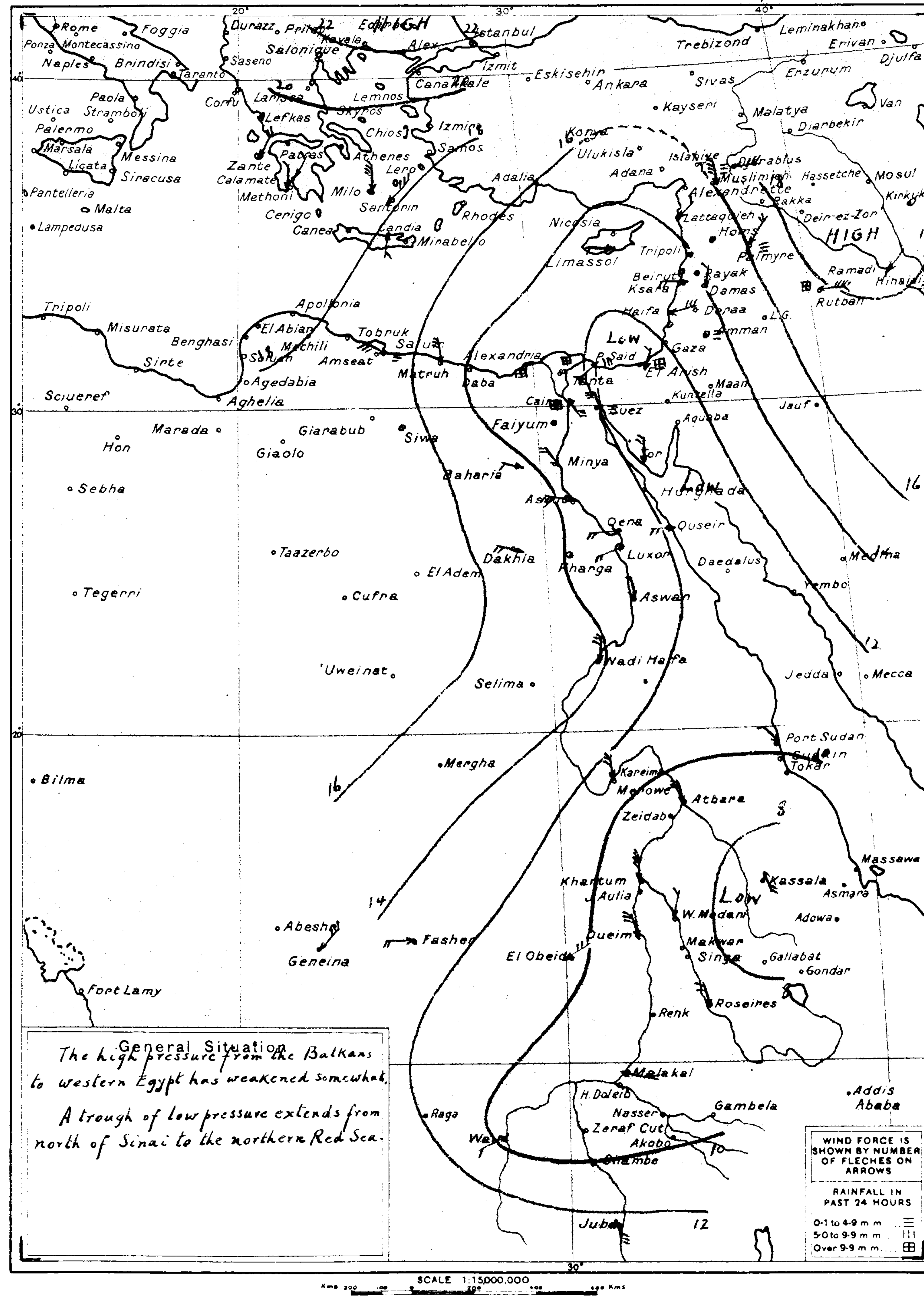
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1937	1936
28.10	1860	3065
27.10	2013	3232

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	28.10	13.74	+0.02	13.76	+0.05
Nasser	27.10	10.64	+0.06	10.64	+0.06
Malakâl	28.10	12.44	+0.12	12.44	+0.12
Roseires	28.10	14.70	-0.35	14.76	-0.37
Sennâr Res.	27.10	17.20	—	17.22	—
Khartûm	28.10	12.56	-0.66	12.64	-0.66
Kh. el Girba	27.10	4.02	-0.24	4.04	-0.26
'Atbara	27.10	4.88	-0.60	4.91	-0.62
Kajnarti	27.10	137.13	-1.11	137.21	-1.14
Wâdi Halfa	28.10	4.71	-0.54	4.76	-0.56
Aswân Res.	28.10	109.32	—	108.58	—
D S	28.10	87.52	-1.78	87.72	-1.71
El Leisi	27.10	21.66	-0.63	21.80	-0.54
Roda (Cairo)	28.10	17.63	-0.72	17.87	-0.53

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

Pressure and Wind at 8 h. 28-10-37 ٢٨ - ١٠ - ٣٧



General Situation

The high pressure from the Balkans to western Egypt has weakened somewhat.

A trough of low pressure extends from north of Sinai to the northern Red 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

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

Remarks

At 8 h. on 27th — الساعة ٨ يوم ٢٧

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
Dakhla	1016.3	-0.1	WNW	2	21.8	34	+2	16	0	58	+11	0	7	—	—	0	0	—	الداخلة
Limassol	1015	-1	—	0	22	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.3	-1.4	E	4	28.2	31	+3	20	+4	53	-9	0	—	—	—	0	36	14	حيفا
Gaza	1012.3	-2.8	SE	1	23.2	30	+3	19	+3	81	+12	0	9	—	0	0	0	1	غزة

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

CAIRO

Time of sunrise h. 06 m. 07
sunset h. 17 m. 11

Month October 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

١٩٣٧-١٠-٢٩

At 14h. on 28th — الساعة ١٤ يوم ٢٨ | At 8h. on Friday 29th — الساعة ٨ يوم الجمعة ٢٩

No.	STATION	14h Barometric 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
0	SALÛM	1015.6	NNE	4	22.4	63	2	6	1017.2	-0.7	NW	3	16.8	23	—	14	—	79	—	1	5	Cu	1	0	4	
1	MATRÛH	1012.8	NNW	5	23.8	71	3	6	1014.3	-2.7	NNW	4	22.6	24	-1	22	+6	77	+2	3	6	Cu	1	0	2	18
	DIKHEILA	1011.2	NNW	2	23.0	73	2	8	1013.1	—	N	2	23.2	24	—	18	—	73	—	1	8	Cu	6	tr	12	—
132	ALEXANDRIA	1011.0	NNE	2	25.1	70	3	9	1012.7	-4.6	—	0	25.5	27	0	18	-1	69	-1	2	8	Cu	6	tr	25	5
159	DAMIETTA								1011.6	—	SW	2	19.4	22	—	17	—	89	—	4	8	St	2	1	40	6
134	PORT SAÏD	1011.0	NNW	2	21.8	77	4	7	1011.8	-3.5	NW	3	20.9	23	-4	19	0	87	+17	4	6	Cu	1	1	8	3
135	EL 'ARÎSH	1010.0	NNW	2	24.7	78	2	6							—		—		—							2
1[illegible]	DAMANHÛR								1013.0	-4.5	SW	1	19.8	—	—	—	—	85	-1	0	7	—	0	3	42	4
137	MANSÛRA								1012.0	—	NW	2	19.7	25	-4	17	+1	84	+5	0	8	—	0	0	51	1
13[illegible]	TANTA	1012.4	N	2	24.3	70	2	8	1013.4	-4.3	W	1	20.8	25	-4	15	0	82	+2	0	8	—	0	0	39	0
	ZAGÂZÎG	1010.4	SE	1	24.4	60	2	8	1013.3	—	SW	1	22.6	24	-4	16	+1	77	-4	0	8	—	0	0	25	0
	CAIRO ALMÂZA	1011.4	S	3	22.6	63	5	7	1013.8	—	SSE	3	18.7	23		14	—	84	—	3	6	Sc	8	7	31	—
	CAIRO EZBEKÎYA	1010.7	—	0	22.0	78	5	7	1013.3	-3.4	SSW	2	19.0	24	-4	16	0	95	+16	1	6	Cu	1	dr	14	2
	CAIRO GÎZA	1010.4	—	0	20.8	82	4	7	1013.5	-3.1	S	1	18.5	24	-4	15	+1	92	+8	3	5	Sc	2	tr	54	2
	HELWÂN	1010.2	SE	2	21.0	65	4	8	1013.5	-3.5	SE	1	17.7	22	-6	16	0	92	+24	4	6	Sc	2	2	24	1
144	SUEZ	1011.1	NNE	2	25.0	56	3	7	1013.1	-2.6	NW	1	20.4	26	-3	17	-1	76	-1	4	6	Sc	2	8	8	4
153	FAIYÛM	1010.0	SSW	3	23.4	62	3	5	1014.4	-2.0	—	0	18.5	26	-3	14	-1	80	+6	2	6	Cu	1	dr	dr	0
154	MINYA	1010.3	NW	2	28.5	35	2	8	1014.8	-2.1	NNW	2	21.7	29	+1	16	0	46	-30	4	6	Cb	2	0	dr	
155	ASYUT	1011.2	W	3	26.0	45	0	8	1014.0	-1.8	WSW	3	24.0	27	-1	17	+1	46	-23	2	7	Sc	1	0	0	0
156	QENA	1009.9	WSW	4	28.2	42	0	8	1013.5	-1.4	WNW	2	21.3	29	-4	16	0	65	+8	0	8	—	0	0	0	
157	LUXOR	1009.8	WSW	2	30.1	41	1	8	1013.3	—	WSW	2	22.3	31		14		63		0	8	—	0	0	dr	
158	ASWÂN	1007.9	—	0	31.2	26	0	8	1013.3	-0.9	N	2	23.3	32	-2	18	-1	43	-1	0	8	—	0	0	dr	—
148	SIWA	1013.9	WNW	1	28.0	63	1	6	1016.4	-0.8	—	0	17.9	28	-2	12	-1	38	-25	0	6	—	0	0	0	0
149	BAHARIYA	1013.8	NW	3	26.1	83	1	9	1015.4		WNW	1	19.0	27		15		83		1	9	—	1	0	0	
151	KHARGA	1010.8	N	1	29.4	30	0	9	1014.3	-1.2	—	0	20.8	31	-1	14	-2	52	-4	0	9	—	0	0	0	dr
152	DAKHLA	1013.1	NNW	3	28.4	32	0	7	1016.0	-0.5	WNW	2	20.9	28	-3	15	0	67	+19	0	6	—	0	0	0	
145	TOR	1009.0	N	2	21.2	65	0	5	1011.9	-2.9	N	3	24.2	28	0	18	+2	66	0	0	6	—	0	0	0	0
146	HURGHADA								1011.8	-3.1	NNW	3	25.3	28	-1	18	0	42	-12	0	9	—	0	0	dr	0
147	QUSEIR	1010.2	NL	4	27.0	66	0	7	1012.4	-2.2	W	2	26.8	30	0	22	0	40	-7	0	7	—	0	0	dr	0 ×
169	PORT SUDAN								1009.8	2.8	NW	1	31.8	—	—	27	+3	65	-1	3	—	—	1	0	dr	9
165	WADI HALFA								1014.4	+0.1	NNE	1	20.9	31	-3	17	0	45	+7	0	7	—	0	—	—	
166	KAREIMA								1012.4	+0.4	NNE	1	25.6	36	-2	19	-2	30	0	3	8	Cs	1	0	dr	1
167	ATBARA								1010.4	-0.4	NNW	4	28.0	37	-1	24	+2	22	-3	0	—	—	0	0	1	1
168	KHARTUM								1010.2	+0.5	N	4	28.0	39	0	23	+1	27	-7	2	8	Ci	0	0	2	5
170	KASSALA								1006.8	-3.0	E	3	29.2	41	+3	21	-2	34	-12	1	7	Cs	0	0	dr	10
171	WAD MEDANI								1009.0	-0.6	N	3	29.0	38	0	18	-4	17	-21	2	—	—	0	0	1	11
173	DUEIM								1010.4	+0.7	W	4	27.4	38	0	23	+2	55	+14	3	—	—	1	0	14	11
182	RENK																									
172	ROSEIRES								1008.8	-1.1	N	2	27.8	39	+2	21	+2	60	-2	0	—	—	0	0	8	28
174	EL OBEID								1011.1	-0.5	N	3	24.0	36	0	20	+1	39	-2	2	8	Ci,Ac	1	0	8	17
175	EL FASHER								—	—	NNE	2	21.0	38	+2	15	-1	49	+16	0	—	—	0	0	23	7
176	MALAKAL								1010.6	-0.2	ENE	2	24.0	32	-3	22	+1	91	+20	4	7	Sc	2	1	47	72
177	WAU								1009.8	0.0	SW	1	24.0	35	0	22	+2	87	+10	3	—	—	1	2	154	115
178	JUBA								1014.0	+3.1	S	4	23.3	35	0	21	+1	83	+6	4	9	Sc	1	1	97	85
179	Geneina								—	—	E	3	17.1	35	—	12	—	43	—	3	8	Cs	0	0	14	—
180	Gallabat																									

Upper Wind Observations 29th — ٢٩ يوم

Height metres above M.S.L.	Dikheila 07.15 Dir.	Kms per hour	W. Halfa 06.00 Dir.	Kms	Kuseima 06.00 Dir.	Kms	Khartum 05.00 Dir.	Kms	Kassala 07.00 Dir.	Kms	El Obeid 06.00 Dir.	Kms	Malakal 07.00 Dir.	Kms	Juba 07.00 Dir.	Kms	Geneina 07.00 Dir.	Kms	Ismailia R.A.F. 07.00 Dir.	Kms	Amman R.A.F. 07.00 Dir.	Kms	Salum 28th 13.00 Dir.	Kms	Almaza 28th 11.30 Dir.	Kms
200	0	17	350	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	290	23	—	—	0	27	210	15
500	0	19	10	21	10	43	350	18	—	—	—	—	300	2	—	—	—	—	320	16	—	—	0	22	210	16
1000	330	18	340	21	350	31	200	8	30	21	20	50	70	5	350	5	0	45	340	10	10	5	340	24	210	24
1500	330	14	330	14	290	26	30	8	20	24	30	—	60	14	250	13	50	66	Tail		230	5	330	20	200	32
2000	340	18	340	16	240	24	180	5	30	18	50	11	30	27	230	24	80	37			220	27	340	23	200	48
3000	0	20	250	3	290	11					150	13	70	18	200	37	180	23			200	42				
4000			260	31											170	32	200	23			Tail					
5000			240	50																						
6000																										

Forecast for 24 hours from noon ...

Station	28th		28th	
Alexandria	81	+14	19.0	+0.9
Ezbekiya	88	+22	18.4	+0.2
Giza	85	+16	17.9	-0.2
Helwan	86	+31	16.3	+0.2
Giza		29th	13.4	

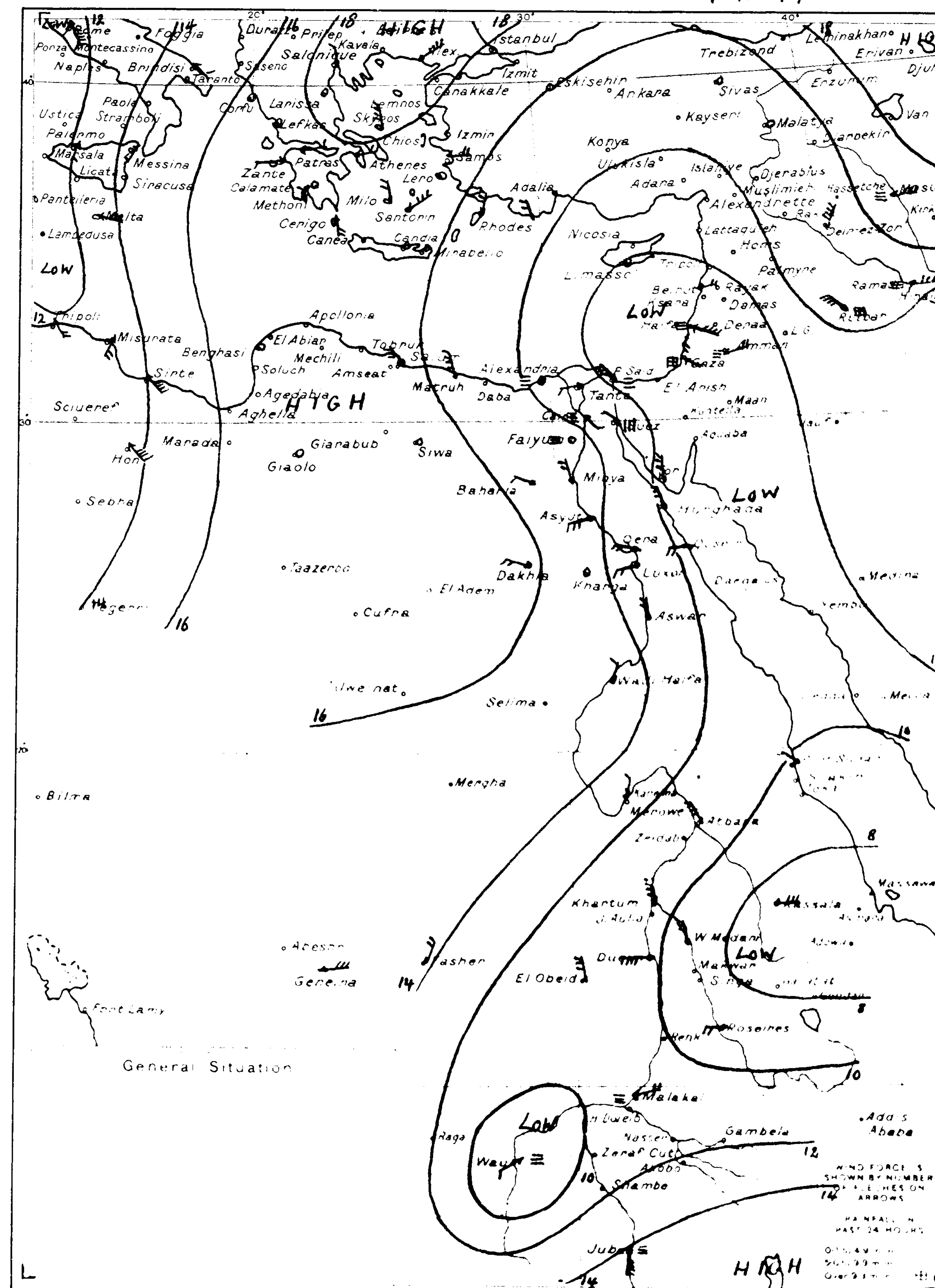
Discharges at Aswan

Date		
27-10	1690	2791
28-10	1560	3065

Gauge	Date 1937	Reading m	Diff from Normal m	Previous day Reading m	Diff from Normal m
Juba	29-10	13.72	0.00	13.74	+0.02
Nasser	29-10	10.63	+0.04	10.64	+0.05
Malakal	29-10	12.44	+0.12	12.44	+0.12
Roseires	29-10	14.64	-0.34	14.70	-0.35
Sennar Res	29-10	17.50	—	17.35	—
Khartum	29-10	12.50	-0.66	12.56	-0.66
Khashm el Girba	29-10	10.97	-0.22	11.00	-0.23
Atbara	29-10	11.75	-0.59	11.82	-0.55
Kajnarti	29-10	136.96	-1.04	137.06	-1.07
Wadi Halfa	29-10	4.65	-0.54	4.71	-0.54
Aswan Res	29-10	110.01	—	109.32	
D.S.	29-10	87.32	-1.86	87.52	-1.78
E. Les	29-10	21.15	-0.99	21.35	-0.84
Roda (Cairo)	29-10	17.36	-0.94	17.63	-0.72

Printed by the Survey of Egypt ...

Pressure and Wind at 8h 29-10-1937



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

Remarks

At 8h. on 28th — الساعة ٨ يوم ٢٨

STATION	Bar. Pressure 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	Rain Past 24 hours	Total	Normal	مرصد
Hurghada	1011.4	-3.4	NNW	3	24.2	29	0	18	0	77	+23	0	7	Cu	0	0	dr	0	الغردقة
Limassol	1013	-3	W	1	21	—	—	—	—	—	—	4	—	—	—	—	—	—	ليماسول
Haifa	1012.3	-2.0	ENE	3	24.6	37	+9	20	+4	71	+9	0	—	—	—	0	36	15	حيفا
Gaza	1012.0	-3.1	S	1	21.2	32	+5	18	+2	77	+8	1	6	—	1	6	5	7	غزة

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

1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٣٧-١٠-٣٠

CAIRO
Time of sunrise 06 08 (h. m.)
sunset 17 10

Month October 1937 ١٩٣٧ اكتوبر شهر

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

No.	Station	29th: Barometric Pressure Reduced to M.S.L. mb	29th: Wind Dir.	29th: Force	29th: Temperature °C	29th: Humidity %	29th: (col.)	29th: (col.)	Bar. Pressure 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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
	MEDITERRANEAN: SALÛM	1016.0	NNE	4	22.4	60	2	8	1018.4	+0.5	W	4	16.0	23	—	13	—	88	—	0	6	—	0	0	4	—
	MATRÛH	1013.9	NNW	4	24.3	70	2	6	1017.0	-0.1	NW	1	18.0	25	0	22	+6	87	+12	2	6	Cu	1	0	2	19
	DIKHEILA	1012.8	NNW	2	24.4	72	2	7	1016.4	—	NNW	3	23.2	25	—	20	—	73	—	1	7	Cu	6	tr	12	—
	ALEXANDRIA	1012.0	NW	4	25.3	59	1	9	—	—	N	2	23.7	27	0	21	+3	66	-4	1	9	Cu	2	0	25	6
159	DAMIETTA								1015.0	—	NW	2	22.1	27	—	16	—	81	—	1	7	Cu	6	3	43	6
134	PORT SAÏD	1010.4	NW	4	23.9	72	3	7	1015.0	-0.4	NNW	3	25.6	27	0	19	0	66	-4	2	7	Cb	1	10	18	3
135	EL 'ARÎSH								1015.0	—	ESE	1	17.3	27	—	18	—	94	—	4	6	Cb	6	7	38	2
136	EGYPT: DAMANHÛR								1016.3	-1.3	WNW	1	22.3	28	0	17	+2	80	-7	0	7	—	1	0	42	4
137	MANSÛRA								1015.1	—	SW	1	21.2	27	-2	18	+2	79	0	1	7	Cs	1	0	51	1
	TANTA	1012.2	NW	2	26.6	60	2	8	1016.0	-1.8	—	0	19.8	27	-2	16	+1	90	+10	0	8	—	1	0	39	0
	ZAGÂZIG	1011.8	SW	1	25.9	57	2	8	1016.4	—	WNW	1	22.1	26	-2	16	+1	83	+2	1	8	Cs	1	0	25	0
	MIDDLE EGYPT: CAIRO ALMÂZA	1012.7	W	3	24.5	58	2	8	1016.7	—	SW	3	20.9	25	—	16	—	81	—	2	7	Sc	1	0	31	—
	CAIRO EZBEKÎYA	1011.9	SW	1	26.4	62	3	8	1016.3	-0.5	—	0	20.7	28	0	18	+2	90	+19	2	5	Cu	1	0	14	2
	CAIRO GÎZA	1011.5	WNW	2	24.8	62	3	7	1016.3	-0.4	S	1	20.8	28	0	17	+3	86	+2	2	5	Cu	1	0	54	2
143	HELWÂN	1011.9	WNW	3	23.5	56	2	8	1016.2	-0.8	S	1	18.6	24	-4	17	+1	91	+23	4	6	Sc	2	0	24	1
144	SUEZ	1011.6	SSW	1	25.9	57	2	8	1016.2	+0.4	NNE	1	20.3	26	-3	17	-1	87	+10	1	6	Sc	1	2	10	4
153	UPPER EGYPT: FAIYÛM	1012.2	NNW	3	26.7	47	2	6	1016.7	+0.3	—	0	22.5	29	0	17	+2	74	0	1	6	Cu	1	0	dr	0
154	MINYA	1012.6	WNW	2	25.0	51	1	7	1017.4	+0.4	NNW	1	20.2	25	-3	16	0	79	+3	0	6	—	0	0	dr	—
155	ASYÛT	1012.7	WSW	3	23.0	54	0	8	1016.0	+0.1	SW	3	21.0	26	-2	17	+2	65	-4	0	7	—	0	0	0	0
156	QENA	1011.5	WNW	5	27.7	39	0	7	—	—	W	2	—	28	-5	16	0	67	+10	0	7	—	0	0	0	—
157	LUXOR	1011.4	WNW	2	28.3	44	0	8	1015.9	—	WSW	3	22.5	30	—	15	—	66	—	0	8	—	0	0	dr	—
158	ASWÂN	1010.2	N	3	30.2	21	0	8	1016.2	+1.9	N	1	21.3	31	-3	17	-2	60	+15	0	8	—	0	0	dr	—
148	WESTERN DESERT: SÎWA	1014.7	—	0	26.5	73	1	6	1017.6	+0.3	—	0	19.4	28	-1	12	-1	83	+20	0	6	—	0	0	0	0
149	BAHARÎYA	1013.8	NNW	2	26.5	56	3	9	1017.9		—	0	20.9	27	—	14	—	76	—	0	9	—	0	0	0	—
151	KHÂRGA	1011.0	NE	1	28.8	37	0	9	1017.5	+1.9	—	0	20.4	29	-3	15	-1	66	+9	0	9	—	0	0	0	dr
152	DÂKHLA	1013.3	NNE	2	27.8	30	0	8	1018.2	+1.6	WSW	1	20.9	28	-3	16	+1	42	-6	0	7	—	0	0	0	—
145	RED SEA: TOR	1010.4	NW	3	27.2	61	0	6	1013.9	-0.9	NW	3	25.0	28	+1	21	+5	68	+2	0	6	—	0	0	0	0
146	HURGHÂDA								1014.6	-0.4	WNW	3	24.8	28	-1	18	0	50	-4	0	9	—	1	0	dr	0
147	QUSEIR	1010.3	NE	2	27.1	49	0	7	1014.0	-0.6	WNW	2	24.9	32	+2	21	-1	54	+7	0	7	—	0	0	dr	0
169	PORT SUDAN								1011.1	-1.6	N	3	29.4	—	—	26	+2	65	-1	3	—	—	0	dr	dr	9
165	NORTH SUDAN: WÂDI HALFA								1017.1	+2.7	NNW	1	20.2	30	-4	16	-1	46	+8	0	8	—	0	—	—	—
166	KAREIMA								1014.5	+2.5	N	3	23.8	33	-5	18	-3	20	-11	0	8	—	0	0	dr	1
167	'ATBARA								1013.0	+2.1	N	4	27.0	35	-3	21	-1	29	+3	0	—	—	0	0	1	1
168	KHARTÛM								1013.0	+3.3	N	5	26.6	37	-2	21	-1	26	-8	1	8	Ci	0	0	2	5 ✗
170	KASSALA								1007.6	-2.2	NNE	3	27.0	39	+1	19	-3	31	-15	2	8	Cs	0	0	dr	10
171	CENTRAL SUDAN: WAD MEDANI								1012.0	+2.3	N	4	26.5	37	-1	17	-5	21	-16	1	—	—	0	0	1	11
173	DUEIM								1012.2	+2.4	NW	3	27.4	36	-2	21	0	25	-16	0	—	—	●	0	14	11
	RENK																									
172	ROSEIRES								1010.4	+0.5	NNW	2	26.9	38	+1	19	0	31	-30	0	—	—	0	0	8	29
174	EL OBEID								1012.1	+0.5	NNE	4	24.6	34	-2	19	0	28	-12	1	8	Cs	0	0	8	18
175	EL FÂSHER								—	—	N	3	25.0	36	0	16	0	37	+4	0	—	—	0	0	23	8
176	S. SUDAN: MALAKÂL								1011.9	-1.1	NNW	3	24.1	33	-2	21	+1	83	+13	4	8	Ac	2	dr	47	75
177	WAU								1010.0	+0.2	SW	1	23.6	33	-2	20	0	86	+9	2	—	—	2	3	157	119
178	JUBA								1013.1	+2.2	SE	1	25.0	36	+1	21	+1	84	+7	4	8	Sc	1	0	97	88
179	Geneina								—	—	N	5	19.8	34	—	11	—	64	—	2	8	As	0	0	14	—
180	Gallabat																									

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	Dikheila 06h 45m Dir.	Dikheila Kms	Cairo 07h 45m Dir.	Cairo Kms	Helwan 09h 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 06h 00m Dir.	Khartum Kms	Kassala 06h 00m Dir.	Kassala Kms	El Obeid 06h 00m Dir.	El Obeid Kms	Malakal 06h 00m Dir.	Malakal Kms	Juba 07h 00m Dir.	Juba Kms	Almaza 29th 11h 15m Dir.	Almaza Kms
[illegible]	250	18	290	18	340	25	300	9	160	5	—	—	—	—	10	10	—	—	—	—	—	—	—	—	—	—	—	—	70	15
[illegible]	—	—	290	14	340	25	0	16	Ent. Sc		350	24	0	29	20	31	10	45	0	45	—	—	—	—	340	13	—	—	90	26
[illegible]	340	26	290	19	340	20	10	23			330	39	340	39	10	34	10	32	0	47	20	26	20	58	30	26	120	18	Ent. Cu.	
1500	330	42	300	26	320	12	350	20			330	42	0	36	350	27	20	16	350	40	10	27	10	31	30	43	170	31		
2000	330	39	330	29	320	16					310	30	340	23	350	27	340	8	290	40	350	31	350	14	40	32	190	21		
3000					340	26							0	27	330	13	260	24			40	14	330	21	80	24	180	37		
4000																											170	40		
5000																														
6000																														

Forecast for 24 hours from noon on 30th

Northwesterly winds, moderate to fresh on the coast, light to moderate inland.
Much low cloud, decreasing tomorrow.
Light showers in eastern Egypt.
Weather improving. Milder.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣٠
رياح شمالية غربية ما بين المعتدلة والشديدة نوعا على السواحل
ورياح ما بين الخفيفة والمعتدلة في الداخل.
كثير من السحب المنخفضة تتناقص غدا. قليل من الامطار الخفيفة في الجزء
الشرقي من القطر. والطقس أميل للاعتدال والتحسن.

Station	Mean of day Humidity on 29th	Diff. from normal	Wet bulb temp. on 24th	Diff. from normal
Alexandria	65	-2	20.3	+2.3
Ezbekiya	88	+22	19.7	+1.6
Giza	83	+14	18.5	+0.5
Helwan	76	+21	17.6	+1.6

Giza Grass minimum on 30th 14.7°C

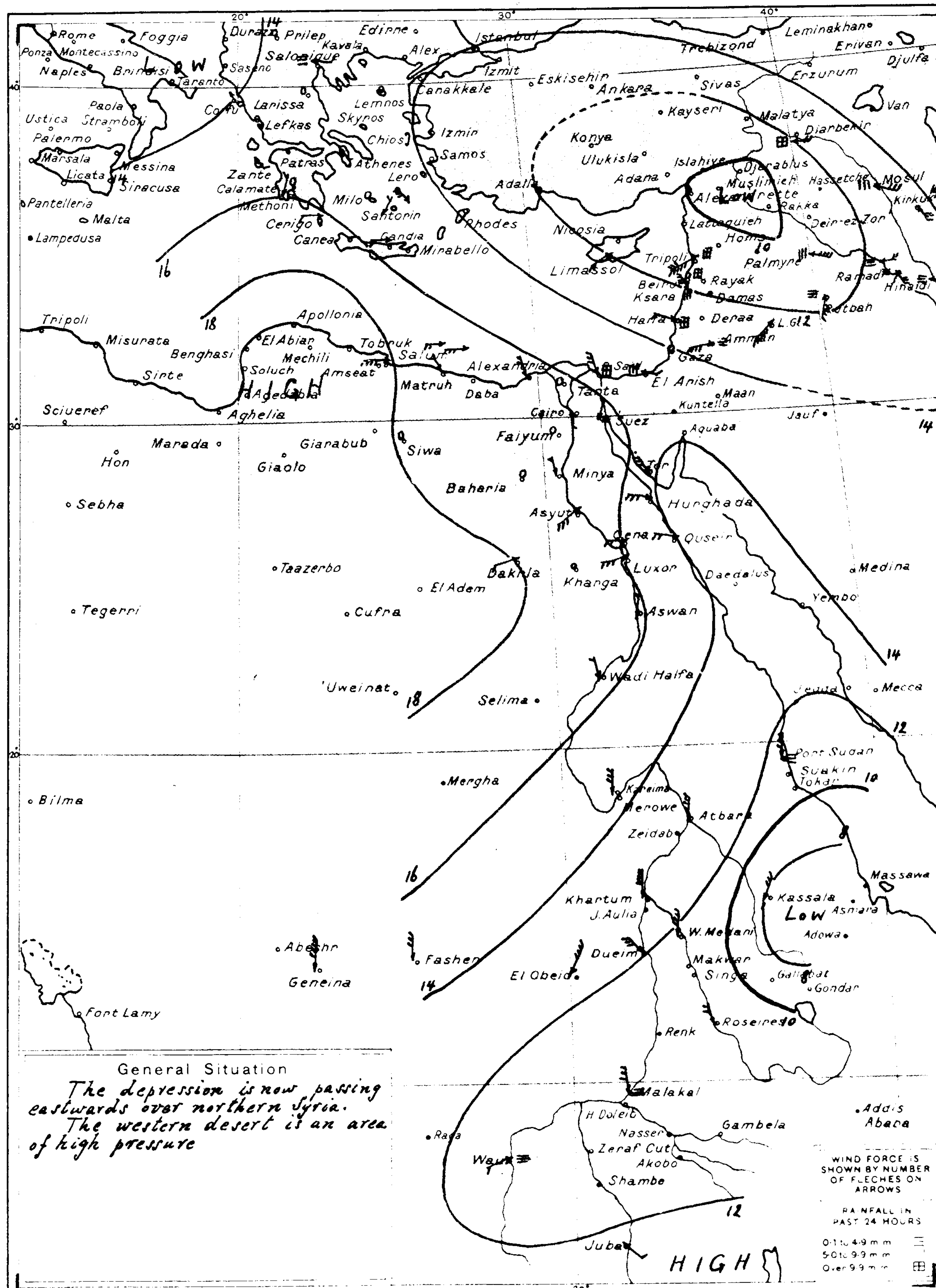
Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
30-10	1532	2624
29-10	1646	2791

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	30-10	14.01	+0.29	13.72	0.00
Nâsser	29-10	10.63	+0.04	10.64	+0.05
Malakâl	30-10	12.44	+0.12	12.44	+0.12
Roseires	30-10	14.60	-0.33	14.64	-0.34
Sennâr Res.	29-10	17.50	—	17.35	—
Khartûm	30-10	12.44	-0.64	12.50	-0.66
Kh. el Girba	29-10	10.97	-0.22	11.00	-0.23
'Atbara	29-10	11.75	-0.59	11.82	-0.55
Kajnarti	30-10	136.82	-1.08	136.96	-1.04
Wâdi Halfa	30-10	4.57	-0.55	4.65	-0.54
Aswân Res.	30-10	110.73	—	110.01	—
D.S.	30-10	87.12	-1.93	87.32	-1.86
El Leisi	30-10	26.90	-1.17	21.15	-0.99
Rôda (Cairo)	30-10	17.17	-1.04	17.36	-0.97

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

Pressure and Wind at 8 h. 30-10-37.



General Situation

The depression is now passing eastwards over northern Syria.
The western desert is an area of high pressure

At 8 h. on 29th — الساعة ٨ يوم ٢٩

Station (مرصد)	Bar. Pressure 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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm	
Limassol	1012	-4	—	0	20	—	—	—	—			5	—	—	—	—	—	—	ليماسول
Haifa	1011.2	-3.7	ESE	4	21.4	29	+2	18	+2	68	+6	5	—	—	—	dr	36	15	حيفا
Gaza	1011.5	-3.7	SE	1	19.3	30	+3	15	-1	85	+16	5	4	—	1	18	23	7	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. 09
sunset h. 17 m. 09

Month *October* 1937 ١٩٣٧ شهر اكتوبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٣١-١٠-٣٧

At 14h. on 30th الساعة ١٤ يوم ٣٠ — At 8h. on Sunday 31st الساعة ٨ يوم الاحد ٣١

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.	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.
[illegible]	MEDITERRANEAN: SALÛM	1016.4	WSW	4	28.2	25	0	8	1015.0	-2.9	WNW	4	19.0	29	—	12	—	37	—	2	6	Cb	3	0	4	—
[illegible]	MATRÛH	1015.8	NNW	1	23.9	69	0	6	1013.0	-4.1	SW	4	21.2	24	-1	18	+2	48	-27	4	5	Sc	2	0	2	19
[illegible]	DIKHEILA	1016.8	WNW	2	25.1	61	1	8	1015.4	—	SW	4	20.2	26	—	16	—	63	—	2	8	Cc	1	0	12	—
132	ALEXANDRIA	1016.0	W	3	25.0	58	2	9	1014.8	-2.6	SW	1	20.4	27	0	17	-1	58	-12	2	9	Cu	2	0	25	6
159	DAMIETTA								1015.2	—	SSW	3	20.2	28	—	16	—	78	—	3	6	As	1	0	43	6
134	PORT SAÏD	1014.7	NW	3	27.0	57	1	7	1015.4	0.0	SW	5	22.0	29	+2	19	0	75	+5	2	7	Cs	1	0	18	3
135	EL 'ARÎSH	1014.2	NN[illegible]	1	25.0	68	2	6	1015.5	—	WSW	1	23.0	26	—	19	—	71	—	0	7	—	0	0	38	2
136	LOWER EGYPT: DAMANHÛR								1015.6	-2.0	SSW	2	19.1	27	-1	16	+1	72	-15	1	7	Cu	1	0	42	4
137	MANSÛRA								1015.5	—	SW	2	19.5	27	-2	15	-1	81	+2	1	7	Cs	1	dr	51	1
138	TANTA	1014.7	—	0	27.2	61	0	8	1015.9	-1.9	SW	2	18.6	28	-1	15	0	85	+5	2	8	Cb	2	0	39	0
[illegible]	ZAGÂZÎG	1015.6	NNW	1	26.2	55	2	8	1016.2	—	SW	2	22.4	26	-2	14	-1	76	-5	1	8	Ci	1	0	25	0
[illegible]	MIDDLE EGYPT: CAIRO ALMÂZA	1015.5	SSW	3	26.8	53	3	8	1017.0	—	SSE	4	20.0	27	—	15	—	73	—	2	6	Cs	1	0	31	—
[illegible]	CAIRO EZBEKÎYA	1015.1	WNW	2	27.8	55	2	8	1016.6	-0.2	SSE	2	20.0	28	0	17	+1	85	+6	1	5	Ci	1	0	14	2
[illegible]	CAIRO GÎZA	1015.1	NNW	2	26.2	57	3	9	1016.8	0.0	SSE	2	19.6	27	-1	15	+1	82	-2	1	6	St	1	0	54	2
143	HELWÂN	1015.0	NW	3	25.0	56	3	7	1017.4	+0.3	SE	2	18.0	26	-1	16	0	81	+13	1	5	Ci	0	0	24	1
144	SUEZ	1015.1	NNE	1	25.4	54	1	8	1016.4	+0.6	SE	1	21.7	27	-2	17	-1	73	-4	0	6	—	0	0	10	4
153	UPPER EGYPT: FAIYÛM	1015.6	NNW	2	27.6	40	2	6	1017.0	+0.5	—	0	20.3	28	-1	15	0	61	-13	0	7	—	0	0	dr	0
154	MINYA	1015.6	NNE	3	26.9	49	2	8	1018.3	+1.3	NNW	1	21.1	27	-1	15	-1	65	-11	0	6	—	0	0	dr	—
155	ASYÛT	1015.5	WSW	3	26.4	53	1	8	1017.8	+1.8	SW	3	19.0	27	-1	16	+1	76	+7	0	7	—	0	0	0	0
156	QENA	1013.1	WNW	4	29.7	34	1	8	1017.1	+2.1	WNW	2	22.3	31	-2	17	+1	61	+4	0	8	—	0	0	0	—
157	LUXOR	1013.1	WSW	3	28.8	37	1	8	1016.2	—	—	0	24.3	30	—	15	—	59	—	0	8	—	0	0	dr	—
158	ASWÂN	1012.7	NNW	4	29.3	31	0	8	1016.4	+2.0	N	2	21.3	30	-4	17	-1	54	+9	0	8	—	0	0	dr	—
148	WESTERN DESERT: SÎWA	1016.3	—	0	24.2	63	0	6	1017.4	0.0	—	0	21.6	30	+1	12	-1	63	0	0	6	—	0	0	0	0
149	BAHARÎYA	1016.6	NW	1	25.2	—	0	9	1017.9	—	—	0	17.0	27	—	11	—	61	—	0	9	—	0	0	0	—
151	KHÂRGA	1014.0	N	2	28.7	37	1	9	1016.7	+1.1	—	0	22.2	29	-3	16	0	59	+2	0	9	—	0	0	0	dr
152	DÂKHLA	1016.0	NNE	1	28.0	33	0	8	1019.2	+2.5	—	0	18.9	29	-2	13	-2	43	-5	0	8	—	0	0	0	—
145	RED SEA: TÔR	1013.0	NW	6	25.9	78	0	6	1016.0	+1.1	NW	2	24.8	27	0	19	+3	58	-8	0	6	—	0	0	0	0
146	HURGHÂDA								1015.8	+0.7	NW	4	24.9	28	-1	18	+1	56	+2	0	9	—	0	0	dr	0
147	QUSEIR	1013.3	N	4	27.1	56	0	7	1015.9	+1.2	NNW	4	26.8	28	-1	21	0	44	-3	1	7	Cu	1	0	dr	0
169	PORT SUDAN								1013.3	+0.5	NW	3	28.1	—	—	23	-1	66	-1	3	—	—	1	19	19	10
165	NORTH SUDAN: WÂDI HALFA								1017.5	+3.0	N	3	20.9	29	-5	18	+1	41	+3	0	8	—	0	—	—	—
166	KAREIMA								1013.3	+1.2	N	3	23.7	32	-6	17	-4	33	+2	0	8	—	0	0	dr	1
167	'ATBARA								1011.9	+0.9	N	4	25.8	33	-4	21	-1	31	+5	0	—	—	0	0	1	1
168	KHARTÛM								1013.6	+3.8	N	5	25.1	35	-4	19	-3	34	0	1	8	Cs	0	0	2	5
170	KASSALA								1009.0	-0.8	NE	3	25.0	38	0	19	-3	28	-18	0	8	Cs	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI								1012.0	+2.3	N	4	25.6	35	-3	20	-2	19	-18	0	—	—	0	0	1	12
173	DUEIM								1012.4	+2.6	W	4	26.6	35	-3	19	-2	23	-17	0	—	—	0	0	14	12
182	RENK																									
172	ROSEIRES								1011.1	+1.2	NW	2	23.4	38	+1	16	-3	40	-20	1	—	—	1	0	8	30
174	EL OBEID								1013.4	+1.8	NNE	5	23.0	34	-2	17	-2	31	-9	1	8	Ci	0	0	8	18
175	EL FÂSHER								—	—	NNE	1	21.5	36	0	14	-2	42	+9	0	—	—	0	0	23	8
176	S. SUDAN: MALAKÂL								1013.0	+2.2	E	1	21.8	35	0	17	-3	66	-3	4	8	Ac	1	0	47	77
177	WÂU								1011.8	+2.0	NW	1	24.0	35	0	21	+1	81	+4	2	—	—	0	0	157	123
178	JÛBA								1013.8	+2.9	NW	2	25.0	35	0	21	+1	84	+7	4	8	Sc	1	dr	97	91
179 180	Geneina Gallabat								—	—	NE	4	18.7	31	—	11	—	23	—	5	8	Ns	0	—	14	—

Upper Wind Observations on 31st ارصاد الرياح العليا يوم ٣١

Height metres above M.S.L.	Salum 07h.30m. Dir. E.of N.	Kms per hour	Matruh 07h.00m. Dir.	Kms	Dikheila 07h.15m. Dir.	Kms	Almaza 09h.00m. 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 06h.00m. Dir.	Kms	Khartum 06h.00m. Dir.	Kms	Kassala 06h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Salum 30th 13h.00m. Dir.	Kms	Almaza 30th 11h.00m. Dir.	Kms
200	320	26	240	51	260	36	190	30	200	37	160	17	—	—	—	—	20	19	—	—	—	—	—	—	—	—	250	27	270	8
500	—	—	250	48	270	34	250	42	220	32	190	19	30	18	10	31	10	42	10	40	350	43	—	—	—	—	—	—	260	5
1000	300	46	280	36	260	33	270	21	280	23	260	25	340	31	40	19	10	39	30	40	0	66	80	14	20	43	290	6	Ent. Cu.	
1500	Ent. Cb		270	30	280	39			300	25	330	20	0	40	20	30	0	35	30	24	0	61	60	39	20	34	300	19		
2000			270	57	270	42			310	25	300	28	0	35	30	12	10	34	20	21	350	27	60	21	30	24	Tail.			
3000																	350	27	20	21										
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 31st

On the coast fresh to strong southwest to west winds, inland moderate to fresh south to southwest winds.

Some low cloud.

Rain probable near the coast later.

Becoming unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣١
نسيم شديد ما بين الجنوب الغربي والغربي على الساحل ورياح ما بين
المعتدلة والشديدة نوعاً ما بين الجنوب والجنوب الغربي في الداخل
يظهر سحاب منخفض مع احتمال سقوط المطر قرب الساحل
فيما بعد . وحالة الجو آخذة في الاضطراب

STATION	Mean of day: Humidity % on 30th	Diff. from normal	Wet bulb temp. °C on 30th	Diff. from normal
Alexandria	62	-5	18.9	+1.0
Ezbekiya	79	+13	19.9	+1.9
Gîza	73	+4	19.1	+1.2
Helwân	67	+12	18.0	+2.1

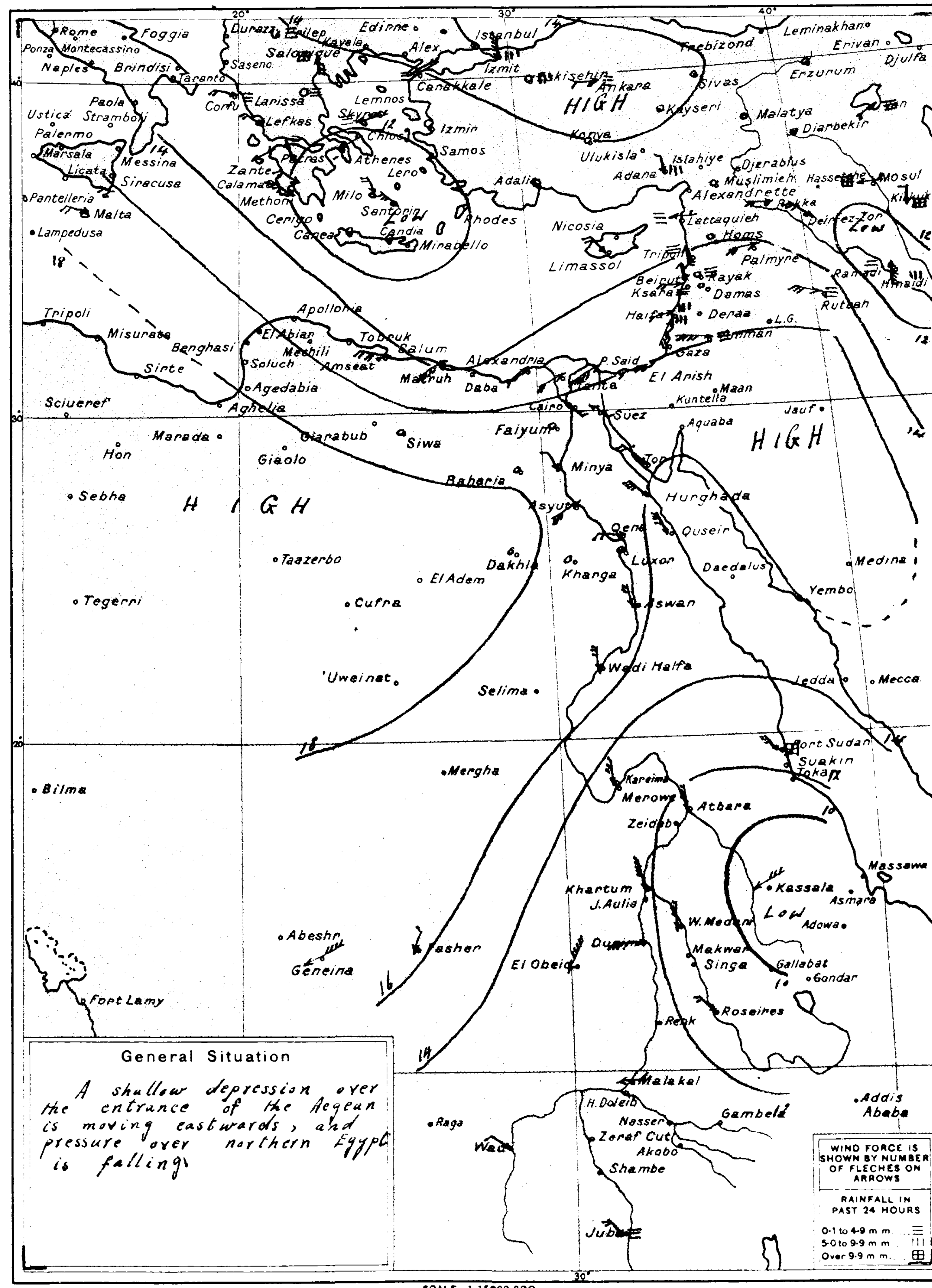
Gîza Grass minimum on 31st 12.7°C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
31-10	1410	2490
30-10	1532	2624

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	31-10	13.92	+0.21	14.01	+0.29
Nâsser	30-10	10.63	+0.04	10.63	+0.04
Malakâl	31-10	12.44	+0.12	12.44	+0.12
Roseires	31-10	14.56	-0.31	14.60	-0.33
Sennâr Res.	30-10	17.60	—	17.50	—
Khartûm	30-10	12.44	-0.64	12.50	-0.66
Kh. el Girba	29-10	10.97	-0.22	11.00	-0.23
'Atbara	30-10	11.74	-0.54	11.75	-0.59
Kajnarti	30-10	136.82	-1.08	136.96	-1.04
Wâdi Halfa	31-10	4.47	-0.58	4.57	-0.55
Aswân Res.	31-10	111.41	—	110.73	—
,, D.S.	31-10	86.92	-2.02	87.12	-1.93
El Leisi	31-10	20.66	-1.34	20.90	-1.17
Rôda (Cairo)	31-10	16.90	-1.26	17.17	-1.04

Pressure and Wind at 8h. 31-10-37.



General Situation

A shallow depression over the entrance of the Aegean is moving eastwards, and pressure over northern Egypt 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

At 8h. on 30th الساعة ٨ يوم ٣٠

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
Limassol	1012	-4	SW	2	22	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1013.0	-2.0	NNW	1	21.2	26	-1	18	+2	82	+20	8	—	—	4	37	73	16	حيفا
Gaza	1014.3	-1.0	—	0	17.1	26	-1	16	0	97	+28	6	4	—	4	34	57	7	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 09 (h. m.)
sunset 17 08

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month *November* 1937 ١٩٣٧ شهر نوفمبر

١٩٣٧-١١-١ Pressure and Wind at 8 h. 1-11-37

At 14 h. on 31-10 (١٠/٣١ الساعة ٢ يوم) — At 8 h. on Monday 1st (الساعة ٨ يوم الاثنين ١)

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	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	SALÛM	1014.0	WNW	7	25.0	43	2	7	1015.1	-2.9	WNW	4	16.7	26	—	14	—	80	—	1	6	Cu	4	dr.	4	
		MATRÛH	1011.4	WNW	5	23.8	83	2	6	1012.3	-4.9	W	3	19.9	26	+1	17	+1	75	-1	2	6	Cu	1	0	2	20
		DIKHEILA	1012.0	SSW	2	26.3	44	1	8	1011.1	—	NW	4	23.4	27	—	19	—	68	—	2	8	Cu	1	0	12	—
2		ALEXANDRIA	1012.2	SW	2	24.8	47	3	9	1010.8	-6.6	NW	6	23.1	27	+1	19	+1	65	-5	3	9	Cu	2	0	25	6
159		DAMIETTA								1010.0	—	S	3	20.5	26	—	17	—	78	—	0	8	—	1	0	43	7
134		PORT SAÏD	1013.0	SW	3	24.6	63	4	6	1011.0	-4.5	SW	5	20.1	26	0	19	0	65	-5	2	7	AC	1	dr	18	3
135		EL 'ARÎSH								1011.1	—	WSW	2	22.4	28	—	20	—	78	—	4	6	Cb	•	0	38	2
136	Egypt	DAMANHÛR								1011.4	-6.3	SW	3	20.5	28	0	17	+2	72	-15	2	7	Cu	1	0	42	4
[redacted]		[redacted]ÛRA								1010.6	—	SW	2	20.0	27	-2	17	+1	86	+7	0	8	—	0	0	51	1
[redacted]		[redacted]	1012.8	SW	2	27.9	44	3	8	1011.8	-6.1	SW	2	20.2	28	0	16	+1	83	+3	0	8	—	0	0	39	0
[redacted]		[redacted]ÎG	1013.5	SW	1	26.8	52	2	8	1012.4	—	SW	1	23.1	28	0	16	+1	73	-8	1	8	Ci	1	0	25	0
	Middle Egypt — Cairo	ALMÂZA	1013.8	S	3	27.8	39	4	8	1013.0	—	SSW	3	20.1	28		15		79		4	6	Sc	2	0	31	—
	Cairo	EZBEKÎYA	1013.1	SSW	2	29.3	40	2	8	1013.0	-3.9	S	3	20.0	30	+2	18	+3	88	+9	3	5	Sc	1	0	14	2
	Cairo	GÎZA	1013.0	SW	1	29.5	44	3	9	1012.6	-4.3	SSW	1	19.5	30	+2	17	+3	83	-1	3	6	Sc	1	0	54	2
143		HELWÂN	1013.5	SW	3	27.1	32	3	9	1013.0	-4.1	SSE	2	18.3	28	+1	16	0	85	+16	4	5	Sc	2	0	24	1
144		SUEZ	1013.5	SE	2	25.2	55	3	8	1012.3	-3.5	NW	1	22.2	26	-2	19	+1	69	-8	0	6	—	0	0	10	4
153	Upper Egypt	FAIYÛM	1013.8	SW	3	29.7	29	1	6	1013.9	-2.7	SSW	1	21.6	31	+2	15	0	66	-8	0	7	—	0	0	dr.	0
154		MINYA	1014.3	NNW	2	29.5	33	1	7	1014.3	-2.8	N	1	22.0	30	+3	17	+2	72	-4	0	7	—	0	0	dr.	—
155		ASYÛT	1014.8	NNW	3	26.4	46	0	8	1014.3	-1.7	WSW	3	21.0	27	-1	17	+2	65	-5	0	6	—	0	0	0	0
156		QENA	1013.5	SSW	1	31.3	37	2	8	1014.3	-0.8	NNE	1	22.1	32	0	15	0	64	+7	3	7	Cu	1	0	0	—
157		LUXOR	1013.0	NE	1	30.7	43	2	8	1013.8	—	SW	2	24.0	32		15		50		3	8	Cu	1	0	dr.	—
158		ASWÂN	1012.4	NNW	2	29.7	27	1	8	1015.2	+0.3	—	0	23.4	31	-3	17	-1	49	+4	3	8	Ci	2	0	dr.	—
148	Western Desert	SÎWA	1013.6	WNW	2	29	64	1	6	1015.6	-1.8	—	0	19.1	30	+1	13	0	83	+20	0	6	—	0	0	0	0
149		BAHARÎYA	1013.9	SW	3	31.1	37	2	9	1015.4		—	0	21.0	31	—	14	—	74		0	9	—	0	0	0	—
151		KHÂRGA	1015.0	—	0	28.5	36	0	9	1015.0	-0.7	—	0	19.0	30	-2	15	0	48	-9	3	9	Ci	0	0	0	dr.
152		DÂKHLA	1015.9	WNW	1	29.0	24	0	8																		—
145	Red Sea	TÔR	1013.1	NW	3	26.8	71	0	6	1012.3	-2.7	NE	1	23.5	28	+1	17	+1	49	-17	0	6	—	0	0	0	0
146		HURGHÂDA								—	—	SSW	1	24.8	29	0	16	-1	40	-14	4	7	Ac	2	0	dr.	dr.
147		QUSEIR	1015.0	N	4	27.0	58	0	7	1013.1	-1.7	E	1	27.2	28	-1	21	0	42	-5	2	7	Ci	1	0	dr.	0
169		PORT SUDAN								1013.0	+0.2	N	3	28.3	—	—	24	0	62	-5	3	—	—	0	0	19	10
165	North Sudan	WÂDI HALFA								1016.2	+1.6	NNE	2	19.3	31	-3	14	-3	40	+1	1	7	Ci	0	—	—	—
166		KAREIMA								1013.7	+1.5	NNW	13	24.7	32	-6	18	-2	22	-9	0	8	—	0	0	dr.	7
167		'ATBARA								1012.2	+1.1	NNE	2	26.4	34	-3	22	0	37	+11	0	—	—	0	0	1	1
168		KHARTÛM								1011.8	+1.9	N	4	25.6	36	-3	19	-3	30	-4	0	8	—	0	0	2	5
170		KASSALA								1008.4	-1.4	NE	2	28.5	38	0	22	0	52	+6	0	8	—	0	0	dr.	11
171	Central Sudan	WAD MEDANI								1010.6	+0.8	NNE	2	25.5	35	-3	15	-6	26	-10	0	—	—	0	0	1	12
173		DUEIM								—	—	W	3	21.2	34	-4	20	-1	51	+11	0	—	—	0	0	14	12
182		RENK																									
172		ROSEIRES								1010.6	+0.7	WNW	2	24.3	36	-1	16	-3	44	-16	0	—	—	0	0	8	31
174		EL OBEID								1010.8	-0.9	N	4	22.7	33	-3	16	-2	25	-14	0	8	—	0	0	8	19
175		EL FÂSHER								—	—	N	1	20.0	34	-1	—	—	52	+19	0	—	—	0	0	23	8
176	S. Sudan	MALAKÂL								1010.8	0.0	NE	2	24.6	34	-1	17	-3	84	+15	1	8	Ci	1	0	47	80
177		WÂU								1009.8	0.0	N	1	22.5	34	-1	18	-2	67	-10	1	—	—	0	0	157	127
178		JÛBA								1011.7	+0.9	SSE	2	24.6	33	-2	20	0	68	-8	1	7	Ci	1	0	97	94
179		Geneina																									
180		Gallabat								—	—	NE	3	16.3	34	—	9	—	41	—	3	8	Cs	0	0	14	—

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

Height metres above M.S.L.; Dir. E. of N.; Kms. per hour

Height	Salum 07h.00m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Cairo 08h.45m. Dir.	Kms	Helwan 09h.30m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	Kareima 06h.00m. Dir.	Kms	Khartum 06h.00m. Dir.	Kms	Kassala 07h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Juba 07h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Salum 31st 13h.00m. Dir.	Kms	Almaza 31st 11h.30m. Dir.	Kms
200	320	20	300	26	210	22	220	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	300	42	210	36
[redacted]	—	—	300	43	270	26	260	16	0	36	0	8	30	40	0	37	—	—	—	—	40	21	—	—	—	—	—	—	230	49
[redacted]			20	39	280	23	270	22	310	26	350	19	40	40	10	50	130	13	20	43	30	27	140	21	50	45	300	37	250	18
[redacted]					280	28	270	26	280	37	340	14	60	11	10	19	150	11	40	24	40	23	150	31	70	66	tail		240	21
[redacted]					tail		Ext. Cu		290	34	330	26	70	18	70	8	70	11	170	8	50	19	160	27	60	27				
[redacted]000													330	18	70	11	230	6	160	11	90	34	170	21	310	19				
[redacted]000																	230	16					150	26	50	37				
5000																														
6000																														

Forecast for [redacted] 1st

On the [redacted] strong west to northwest [redacted] inland moderate south to west [redacted], fresh at times.
Much low cloud.
Light scattered showers.
Slightly cooler tomorrow.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر أول
نسيم شديد يهب من الغرب والشمال الغربى على الساحل - ورياح معتدله جنوبية الى غربية تشتد احيانا فى الداخل
يكثر السحاب المنخفض - ويمطر خفيفا فى انحاء متفرقة
ويميل الطقس للبرودة قليلا غدا

Mean of day

Station	Humidity % on 31-10	Diff. from normal	Wet bulb temp. °C on 31-10	Diff. from normal
Alexandria	64	-3	17.7	-0.1
Ezbekiya	68	+2	18.8	+0.9
Giza	66	-3	18.6	+0.8
Helwan	55	0	16.3	+0.6

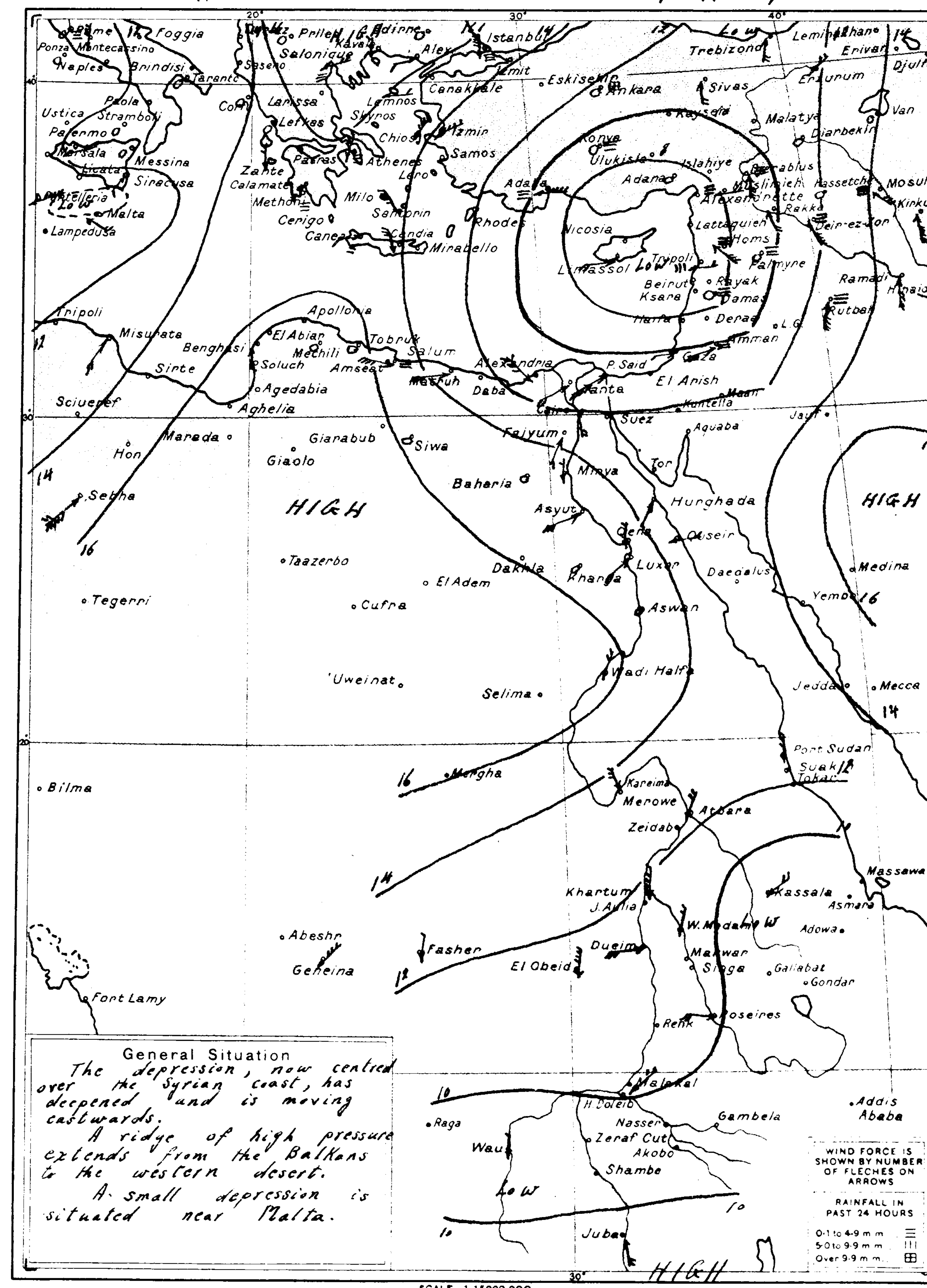
Giza Grass minimum on 1st 14.2°C

Discharges at Aswân measured by sluices m³ per sec

Date	1937	1936
1-11	1251	2311
31-10	1410	2490

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	31-10	13.92	+0.21	14.01	+0.29
Nâsser	31-10	10.62	+0.03	10.63	+0.04
Malakâl	1-11	12.44	+0.11	12.44	+0.12
Roseires	1-11	14.52	-0.31	14.56	-0.31
Sennâr Res.	31-10	17.72	—	17.60	—
Khartûm	31-10	12.36	-0.66	12.44	-0.64
Kh. el Girba	31-10	10.88	-0.25	10.90	-0.25
Atbara	31-10	11.66	-0.58	11.74	-0.54
Kajnarti	31-10	136.67	-1.11	136.82	-1.08
Wâdi Halfa	1-11	4.37	-0.61	4.47	-0.58
Aswân Res.	1-11	112.09	—	111.41	—
D. S.	1-11	82.72	-2.10	86.92	-2.02
El Leisi	1-11	20.49	-1.41	20.66	-1.34
Rôda (Cairo)	1-11	16.76	-1.33	16.90	-1.26

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



General Situation

The depression, now centred over the Syrian coast, has deepened and is moving eastwards.
A ridge of high pressure extends from the Balkans to the western desert.
A small depression is situated near Malta.

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 31-10 (الساعة ٨ يوم ٣١-١٠)

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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1012	-4	NW	2	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.8	-0.3	WSW	1	24.1	26	-1	19	+3	88	+27	2	—	—	—	6	79	17	حيفا
Gaza	1015.4	+0.1	—	0	19.9	27	0	17	+2	82	+13	0	9	—	0	3	60	8	غزة

Remarks

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

CAIRO

Time of sunrise 06 10 h. m.
sunset 17 07

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

DAILY WEATHER REPORT

Month November, 1937 — ١٩٣٧ نوفمبر شهر — ٣٧-١١-٢

Columns 3–9 are the readings at 14 h. on 1st (الساعة ١٤ يوم ١). Columns 10–27 are the readings at 8 h. on Tuesday 2nd (الساعة ٨ يوم الثلاثاء ٢).

No.	Region	Station	Bar. Press. 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	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	1014.4	NW	6	24.0	39	2	8	1018.4	+0.4	SW	2	19.3	25	—	13	—	69	—	1	7	Cs	1	0	4	—
	Mediterranean	MATRÛH	1011.4	WNW	4	23.1	73	2	6	1017.1	-0.1	S	1	18.7	23	-2	16	0	82	+6	0	6	—	1	0	2	21
	Mediterranean	DIKHEILA	1012.0	NW	4	24.0	62	3	—	1017.8	—	SSW	3	20.9	25	—	19	—	66	—	2	—	—	—	0	12	—
132	Mediterranean	ALEXANDRIA	1011.5	NW	4	24.1	63	3	9	1017.4	0.0	—	0	21.8	26	0	18	0	69	-1	3	7	Ac	2	4	29	7
159	Mediterranean	DAMIETTA								1017.4	—	SW	2	20.5	27	—	16	—	72	—	2	8	Cu	1	0	43	7
134	Mediterranean	PORT SAÏD	1010.7	NW	2	25.2	60	0	8	1017.1	+1.5	NW	2	22.2	27	+1	19	0	73	+3	1	7	Ac	1	0	18	3
135	Mediterranean	EL 'ARÎSH	1010.2	W	2	25.0	77	2	6	1016.4	—	WSW	2	21.2	26	—	18	—	80	—	0	7	—	0	0	38	3
136	Egypt	DAMANHÛR								1018.3	+0.6	SSW	2	20.2	26	-2	15	0	75	-12	1	6	Cu	0	1	43	5
137	Egypt	MANSÛRA								1017.2	—	SE	1	19.1	26	-3	15	-1	86	+7	0	8	—	0	14	65	1
[illegible]	Egypt	TANTA	1011.5	NW	1	22.0	82	4	6	1018.0	+0.1	—	0	19.0	26	-2	14	-1	88	+7	0	8	—	0	1	40	0
[illegible]	Egypt	ZAGÂZÎG	1011.2	SSW	5	25.6	56	4	8	1018.3	—	SW	1	21.4	26	-2	14	0	78	-3	0	6	—	0	1	26	0
	Middle Egypt, Cairo	ALMÂZA	1012.4	SW	3	25.6	40	3	7	1017.9	—	SE	1	21.7	26	—	12	—	66	—	0	7	—	1	dr.	31	—
	Middle Egypt, Cairo	EZBEKÎYA	1011.4	WSW	2	26.8	48	2	8	1017.8	+0.8	—	0	19.0	28	0	16	+1	87	+8	6	4	—	0	0	14	2
	Middle Egypt, Cairo	GÎZA	1012.6	WSW	2	27.9	47	2	9	1018.0	+1.0	—	0	17.9	28	0	14	0	93	+9	0	5	—	0	0	54	2
143	Middle Egypt	HELWÂN	1011.4	WSW	4	25.0	40	1	8	1018.0	+0.8	—	0	17.6	26	-1	15	-1	84	+15	0	5	—	0	0	24	1
144	Middle Egypt	SUEZ	1011.2	SW	3	22.2	63	2	7	1017.9	+2.0	N	1	19.7	29	+1	16	-2	77	0	0	7	—	0	tr.	10	4
153	Upper Egypt	FAIYÛM	1013.5	NW	2	27.0	39	1	8	1018.0	+1.3	N	2	20.1	30	+1	14	-1	67	-7	0	7	—	0	0	dr.	0
154	Upper Egypt	MINYA	1012.0	NW	3	28.5	39	0	8	1017.9	+0.7	NNW	1	20.0	29	+2	15	0	71	-5	0	6	—	0	0	dr.	—
155	Upper Egypt	ASYÛT	1012.3	WSW	3	27.2	35	0	8	1017.4	+1.3	WSW	3	19.0	28	0	15	0	72	+2	0	6	—	0	0	0	0
156	Upper Egypt	QENA	1011.1	WSW	4	29.5	35	0	8	1016.2	+1.0	WNW	1	21.1	30	-2	16	+1	63	+6	0	8	—	0	0	0	—
157	Upper Egypt	LUXOR	1010.8	WNW	2	32.0	31	0	8	1015.2	—	ESE	1	23.8	33	—	14	—	61	—	0	8	—	0	0	dr.	—
158	Upper Egypt	ASWÂN	1010.3	—	0	34.5	26	0	8	1015.9	+1.3	NNE	1	21.2	36	+2	18	0	50	+5	1	8	Cu	1	0	dr.	—
148	Western Desert	SÎWA	1014.4	W	1	26.6	67	0	6	1017.8	+0.3	—	0	18.2	27	-2	10	-3	67	+4	0	6	—	0	0	0	0
149	Western Desert	BAHARÎYA	1013.9	NW	2	26.1	36	0	9	1018.0		—	0	19.1	27	—	12	—	71	—	0	9	—	0	0	0	—
151	Western Desert	KHÂRGA	1012.6	—	0	28.7	19	0	9	1017.4	+1.6	N	2	22.2	31	0	17	+2	54	-3	0	9	—	0	0	0	dr.
152	Western Desert	DÂKHLA	1012.6	NNW	2	30.0	23	0	7	1017.9	+1.0	NW	1	19.0	32	+1	14	-1	47	-1	0	8	—	0	0	0	—
145	Red Sea	TÔR	1010.2	NW	2	30.0	36	0	6	1014.8	-0.3	N	3	25.1	30	+3	19	+3	47	-19	0	6	—	0	0	0	0
146	Red Sea	HURGHÂDA								1015.6	+0.3	NW	4	23.9	31	+2	18	+1	67	+13	0	9	—	1	0	dr.	dr.
147	Red Sea	QUSEIR	1010.6	E	2	29.2	49	0	7	1014.7	-0.1	NW	4	25.5	32	+3	22	+1	53	+6	0	7	—	0	0	dr.	0
169	Red Sea	PORT SUDAN								1013.3	+0.4	NW	1	28.5	—	—	23	-1	62	-5	1	—	—	0	0	19	12
165	North Sudan	WÂDI HALFA								1016.3	+1.6	N	1	20.6	33	-1	17	0	40	+1	0	7	—	0	—	—	—
166	North Sudan	KAREIMA								1014.5	+2.2	NE	1	23.9	33	-5	18	-2	26	-5	0	8	—	0	0	dr.	1
167	North Sudan	'ATBARA								1013.3	+2.1	NNE	2	25.0	34	-3	19	-2	28	+1	0	—	—	0	0	1	1
168	North Sudan	KHARTÛM								1012.3	+2.3	N	4	28	37	-2	22	0	—	—	0	8	—	0	0	2	5
170	North Sudan	KASSALA								1008.3	-1.5	E	3	29.0	37	-1	22	0	52	+6	0	8	—	0	0	dr.	11
171	Central Sudan	WAD MEDANI								1010.7	+0.8	NNE	3	28.5	37	-1	20	-1	26	-10	0	—	—	0	0	1	12
173	Central Sudan	DUEIM								1011.0	+1.0	NW	3	27.8	37	-1	22	+1	32	-8	0	—	—	0	0	14	12
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1010.3	+0.4	SSW	2	26.3	38	+1	18	-1	53	-6	0	—	—	0	0	8	31
174	Central Sudan	EL OBEID								1012.4	+0.6	N	5	24.8	33	-2	18	0	22	-17	4	8	Cs	1	0	8	19
175	Central Sudan	EL FÂSHER								—	—	NE	1	19.9	34	-1	11	-4	52	+19	0	—	—	0	0	23	8
176	S. Sudan	MALAKÂL								1011.8	+1.0	ESE	3	28.5	34	-1	17	-3	66	-2	2	8	Sc	1	0	47	80
177	S. Sudan	WAU								1011.2	+1.4	NW	1	23.0	35	0	20	0	78	+1	2	—	—	0	0	157	128
178	S. Sudan	JÛBA								1012.5	+1.7	SW	4	24.8	37	+2	20	0	76	0	4	8	Cu	1	0	97	95
179		Geneina								—	—	NE	4	15.4	33	—	9	—	49	—	3	8	Cs	0	0	14	—
180		Gallabat																									

Upper Wind Observations on 2nd — ارصاد الرياح العليا يوم ٢

Dir. = direction in degrees E. of N.; Kms = kilometres per hour.

Height metres above M.S.L.	Salum 07h.15m. Dir.	Salum Kms	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	Kareima 06h.00m. Dir.	Kareima Kms	Khartum 05h.00m. Dir.	Khartum Kms	Kassala 06h.00m. Dir.	Kassala Kms	El Obeid 06h.00m. Dir.	El Obeid Kms	Malakal 06h.00m. Dir.	Malakal Kms	Juba 07h.00m. Dir.	Juba Kms	Geneina 07h.00m. Dir.	Geneina Kms	Salum 1st 13h.00m. Dir.	Salum 1st Kms	Almaza 1st 12h.00m. Dir.	Almaza 1st Kms
200	250	8	310	7	—	—	0	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	320	40	280	14
[illegible]	—	—	350	10	—	—	40	12	20	24	20	34	30	45	10	48	—	—	—	—	350	16	—	—	—	—	—	—	270	12
[illegible]	100	5	0	10	0	10	20	18	10	24	10	19	30	43	20	47	300	3	30	55	30	18	150	5	50	43	310	66		
[illegible]	300	9	0	8	0	16	20	16			310	36	40	37	50	31	20	14	50	27	50	27	130	34	80	53	310	72		
[illegible]	320	17	330	19	10	13	350	11			330	33	20	34	10	50	40	14	40	24	50	24	140	37	60	21	310	54		
3000	320	50			tail		320	34					30	31	0	24	20	10	140	5	80	21	190	27	50	24				
4000							330	[illegible]					20	24			50	6					100	32	0	19				
5000																														
6000																														

Forecast for 24 [illegible] noon on 2nd
Variable [illegible] inland chiefly
northeast, [illegible] t becoming east
to south [illegible]
So[illegible] ium cloud.
Slig[illegible] warmer tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢
رياح مختلفة الاتجاه اغلبها شمالية شرقية
في الداخل وتتحول الى الشرقية والجنوبية على الساحل فيما بعد
يظهر بعض السحاب المتوسط
وتعتدل درجة الحرارة قليلا غدا

Station	Mean of day: Humidity % on 1st	Humidity Diff. from normal	Wet bulb temp. °C on 1st	Wet bulb Diff. from normal
Alexandria	61	-5	18.6	+0.9
Ezbekiya	77	+11	19.0	+1.2
Giza	78	+9	18.6	+0.9
Helwan	67	+12	16.9	+1.3

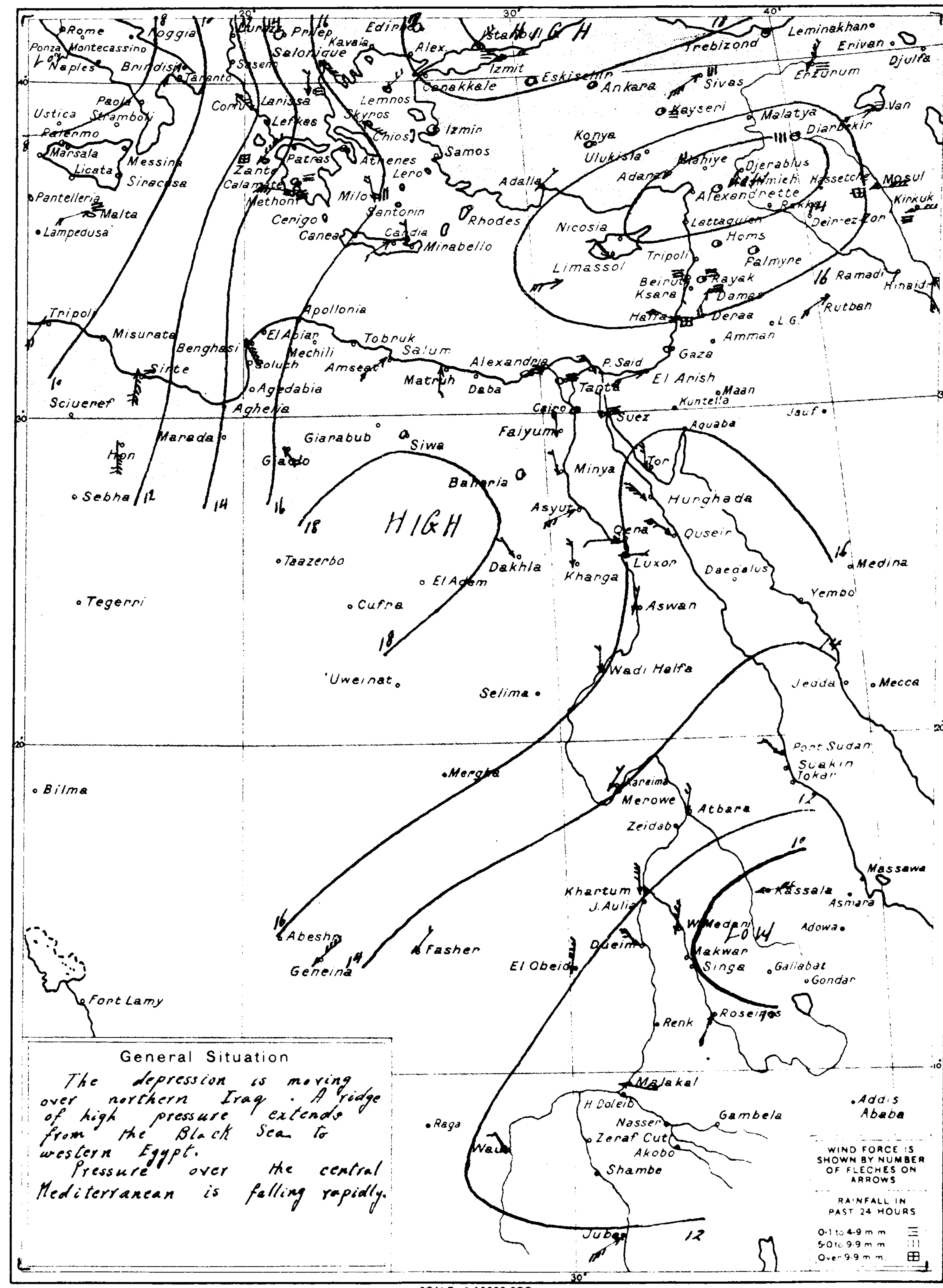
Giza Grass minimum on 2nd 11.4 °c

Discharges at Aswan measured by sluices m.³ per sec

Date	1937	1936
2-11	1157	2148
1-11	1251	2311

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	1-11	13.81	+0.10	13.92	+0.21
Nâsser	1-11	10.62	+0.02	10.62	+0.03
Malakâl	2-11	12.44	+0.11	12.44	+0.11
Roseires	2-11	14.49	-0.29	14.52	-0.31
Sennâr Res.	1-11	17.85	—	17.72	—
Khartûm	1-11	12.31	-0.62	12.36	-0.66
Kh. el Girba	31-10	10.88	-0.25	10.90	-0.25
Atbara	1-11	11.62	-0.57	11.66	-0.58
Kajnarti	2-11	136.42	-1.10	136.53	-1.17
Wâdi Halfa	2-11	4.28	-0.61	4.37	-0.61
Aswân Res.	2-11	112.68	—	112.09	—
D.S.	2-11	86.54	-2.15	86.72	-2.10
El Leisi	2-11	20.27	-1.55	20.49	-1.41
Rôda (Cairo)	2-11	16.63	-1.40	16.76	-1.33

Pressure and Wind at 8 h. 2-11-1937



SCALE 1:15,000,000

General Situation

The depression is moving over northern Iraq. A ridge of high pressure extends from the Black Sea to western Egypt.
Pressure over the central Mediterranean is falling rapidly.

At 8 h. on 1st — الساعة ٨ يوم ١

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	Rainfall Total fr. Oct 1 to yesterday m	Rainfall Normal fr. Oct 1 to yesterday m	مرصد
Limassol	1007	-9	W	2	19	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1009.1	-6.0	WSW	2	23.2	26	-1	16	0	68	+7	4	—	—	—	21	100	17	حيفا
Gaza	1010.6	-4.8	W	1	19.8	27	0	17	+2	82	+12	4	4	—	2	0	60	8	غزة
Dakhla	1015.6	-1.2	—	0	20.0	30	-1	16	+1	36	-12	0	8	—	0	0	0	—	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

Aswan (D.S) River Gauge reading for 1-11-37 published on 1.11.37 should read 86.72 instead of 82.72 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 11 m
sunset 17 h 06 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

Month November 1937 ١٩٣٧ شهر نوفمبر

DAILY WEATHER REPORT ١٩٣٧-١١-٣

At 14h. on 2nd الساعة ١٤ يوم ٢ — At 8h. on Wednesday 3rd الساعة ٨ يوم الأربعاء ٣

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	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
[redacted]	Mediterranean	SALÛM	1017.1	SE	3	24.0	45	2	9	1017.5	−0.6	SSE	6	20.8	25	—	19	—	52	—	7	2	Cb	3	0	4	—
	Mediterranean	MATRÛH	1017.1	NNE	2	23.7	68	1	6	1018.3	+1.1	SSE	4	20.4	24	−1	16	0	74	−2	4	6	Cb	2	0	2	21
	Mediterranean	DIKHEILA	1018.4	N	2	23.2	58	0	8	1020.7	—	SE	3	17.9	24	—	16	—	78	—	4	5	Ac	5	dr.	12	
	Mediterranean	ALEXANDRIA	1014.2	NNE	3	24.5	57	1	9	1020.6	+3.1	—	0	18.7	26	0	17	−1	78	+8	4	6	As	2	dr.	29	8
	Mediterranean	DAMIETTA								1020.3	—	SW	1	19.0	26	—	15	—	83	—	4	6	Ac	4	0	43	8
134	Mediterranean	PORT SAÏD	1017.1	SW	2	25.2	56	1	7	1020.3	+4.7	NE	2	23.1	27	+1	18	−1	60	−10	2	7	Cc	1	0	18	4
135	Mediterranean	EL 'ARÎSH	1014.8	NNW	2	24.1	76	1	7	1018.7		—	0	22.0	25	—	17	—	80	—	4	7	Cs	1	0	38	3
136	Lower Egypt	DAMANHÛR								1020.8	+3.0	—	0	20.0	26	−2	14	−1	72	−15	4	1	As	1	dr.	43	5
137	Lower Egypt	MANSÛRA								1020.2	—	E	1	18.7	25	−3	14	−2	82	+3	1	7	Cs	1	0	65	1
[redacted]	Lower Egypt	TANTA	1017.1	NW	2	25.0	54	2	6	1020.6	+2.7	—	0	18.0	27	−1	13	−1	85	+4	4	5	As	2	0	40	0
	Lower Egypt	ZAGÂZÎG	1017.9	NW	2	24.4	57	2	8	1021.2	—	SW	2	19.9	25	−3	13	−1	77	−4	0	8	—	1	0	26	0
	Middle Egypt, Cairo	ALMÂZA	1017.2	N	2	25.0	44	3	8	1020.4	—	E	3	19.3	25	—	13	—	65	—	4	7	Ci	2	0	31	—
	Middle Egypt, Cairo	EZBEKÎYA	1016.8	WNW	2	26.8	54	1	8	1020.4	+3.4	ENE	2	19.7	27	0	15	0	80	+1	4	5	As	1	0	14	2
	Middle Egypt, Cairo	GÎZA	1016.6	NNW	2	25.4	51	2	8	1020.3	+3.3	NE	1	18.9	26	−2	13	−1	76	−8	4	5	As	1	0	54	2
[redacted]	Middle Egypt	HELWÂN	1016.2	NW	4	24.2	43	1	9	1020.2	+3.0	NE	2	19.0	25	−2	16	0	67	−2	4	6	Ci	0	0	24	1
144	Middle Egypt	SUEZ	1016.6	NNE	1	24.6	48	0	8	1020.8	+4.9	N	1	19.1	25	−3	16	−2	71	−6	2	7	As	1	0	10	4
153	Upper Egypt	FAIYÛM	1015.1	N	2	—	—	0	7	—	—	NE	1	18.4	27	−1	14	−1	72	−3	4	6	Sc	1	0	dr.	0
154	Upper Egypt	MINYA	1015.9	NNE	2	25.4	47	0	7	1019.5	+2.2	N	1	19.9	26	−1	14	−1	64	−13	2	6	As	1	0	dr.	—
155	Upper Egypt	ASYÛT	1015.5	WSW	3	26.6	45	0	8	1019.0	+2.8	WNW	3	18.2	28	0	15	0	71	+1	2	6	Sc	1	0	0	0
156	Upper Egypt	QENA	1013.3	WSW	1	30.7	37	0	8	1017.4	+2.1	NW	1	20.8	32	0	14	−1	66	+9	2	7	Cu	1	0	0	—
157	Upper Egypt	LUXOR	1013.0	ESE	2	30.9	43	0	8	1017.1		ENE	2	22.7	31	—	13	—	63	—	1	7	Sc	1	0	dr.	—
158	Upper Egypt	ASWÂN	1012.4	N	2	29.5	25	0	8	1017.4	+2.7	N	1	20.2	30	−3	17	−1	54	+9	0	8	—	0	0	dr.	—
148	Western Desert	SÎWA	1016.4	ESE	1	27.3	37	0	6	1019.1	+1.5	—	0	20.1	29	0	15	+2	75	+12	0	6	—	0	0	0	0
149	Western Desert	BAHARÎYA	1016.7	E	1	26.8	36	0	9	1020.2		—	0	19.9	27	—	14	—	72	—	4	9	—	2	0	0	
151	Western Desert	KHÂRGA	1011.6	N	2	28.0	38	0	9	1018.2	+2.4	N	2	21.4	28	−3	18	+3	64	+6	0	9	—	0	0	0	dr.
152	Western Desert	DÂKHLA	1015.0	NNW	1	27.5	27	0	8																		
145	Red Sea	TÔR	1013.6	NW	2	26.1	69	0	6	—	—	NE	1	22.5	28	+1	16	0	57	−9	0	6	—	0	0	0	0
146	Red Sea	HURGHÂDA								1017.8	+2.4	NW	5	23.7	28	−1	18	+1	67	+13	1	7	Ci	1	0	dr.	dr.
147	Red Sea	QUSEIR	1013.8	NNW	4	27.0	58	0	7	1016.6	+1.7	NNW	3	25.3	28	−1	21	0	55	+8	0	7	—	0	0	dr.	0
169	Red Sea	PORT SUDAN								1013.6	+0.7	N	3	28.5	—	—	24	0	62	−5	1	—	—	0	0	19	13
165	North Sudan	WÂDI HALFA								1017.2	+2.4	N	1	19.0	32	−2	17	+1	45	+6	0	8	—	0	—	—	
166	North Sudan	KAREIMA								1014.5	+2.1	NNE	2	23.8	35	−3	20	0	20	+1	0	8	—	0	0	dr.	1
167	North Sudan	'ATBARA								—	—	—	0	25.0	35	−2	20	−1	34	+7	3	—	—	0	0	1	1
168	North Sudan	KHARTÛM								1013.5	+3.3	N	4	26.3	38	0	19	−3	30	−3	0	8	—	0	0	2	5
170	North Sudan	KASSALA								1009.6	−0.2	NE	2	29.0	37	−1	22	0	58	+12	0	8	—	0	0	dr.	11
171	Central Sudan	WAD MEDANI								1010.8	+0.9	NNE	2	28.0	38	0	20	−1	21	−14	0	—	—	0	0	1	12
173	Central Sudan	DUEIM								1011.6	+1.6	N	3	27.8	38	0	22	+1	60	+21	0	—	—	0	0	14	12
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1010.4	+0.5	WNW	2	27.8	38	+1	21	+2	61	+2	0	—	—	0	0	8	31
174	Central Sudan	EL OBEID								1012.5	+0.7	ENE	2	24.6	35	0	19	+1	28	−10	0	8	—	0	0	8	19
175	Central Sudan	EL FÂSHER								—	—	NNW	1	20.0	36	+1	11	−4	55	+22	0	—	—	0	0	23	8
176	S. Sudan	MALAKÂL								1011.6	+0.8	S	2	23.8	36	+1	19	−1	83	+16	0	8	—	0	0	47	81
177	S. Sudan	WÂU								1011.4	+1.6	NW	1	24.2	35	0	21	+1	76	0	2	—	—	0	0	157	128
178	S. Sudan	JÛBA								1013.3	+2.6	SE	3	21.0	34	−1	19	−1	91	+15	4	8	Cu	5	5	102	97
179		Geneina								—	—	NE	3	15.3	35	—	9	—	49	—	1	8	Ci	0	0	14	—
180		Gallabat																									

Upper Wind Observations on 3-11-37 ارصاد الرياح العليا يوم ٣-١١-٣٧

Height metres above M.S.L.	Salum 07h30m Dir. E.of N.	Kms per hour	Matruh 07h00m Dir.	Kms	Cairo 08h30m Dir.	Kms	Helwan 08h45m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	Kareima 06h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 07h00m Dir.	Kms	El Obeid 07h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Juba 07h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Salum 2nd 13h00m Dir.	Kms	Almaza 2nd 11h30m Dir.	Kms
[redacted]	160	32	160	38	70	25	60	58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	140	8	50	3
[redacted]	—	—	150	18	70	40	60	14	30	32	20	26	30	47	10	27	—	—	—	—	320	8	—	—	—	—	—	—	20	13
[redacted]	120	20	130	8	40	37	30	34	10	26	40	29	30	35	350	55	70	13	30	48	10	8	170	11	50	37	190	7	0	21
[redacted]	180	28	40	10	20	36	20	28	30	23	50	40	330	18	330	64	30	16	30	47	10	24	160	26	80	51	320	9	350	12
2000	180	46	330	26	40	41	10	48			40	29	310	14	100	21	320	31			20	37	160	39	100	37			330	48
3000	280	36			20	34	10	47					0	16	60	39					70	31	150	35	100	13			330	33
4000							10	53													100	24			130	13				
5000																														
6000																														

Forecast for [redacted] noon on 3rd
On the [redacted] southeast to south w[redacted]ening.
Inlan[redacted] northeasterly winds, strong a[redacted]
Some h[redacted] cloud.
Slightly warmer. Conditions becoming disturbed.

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر ٣
نسيم من الجنوب الشرقي والجنوب على الساحل يزداد قوة
ورياح الشمال الشرقي في الداخل يشتد احيانا
يظهر بعض السحاب العالي
ويرتفع الطقس قليلا
والحالة آخذة في الاضطراب ما

Station	Mean of day Humidity % on 2nd	Diff. from normal	Wet bulb temp. °C on 2nd	Diff. from normal
Alexandria	65	−7	18.2	+0.6
Ezbekiya	77	+11	18.7	+1.0
Giza	82	+12	18.9	+1.3
Helwan	67	+12	16.2	+0.7

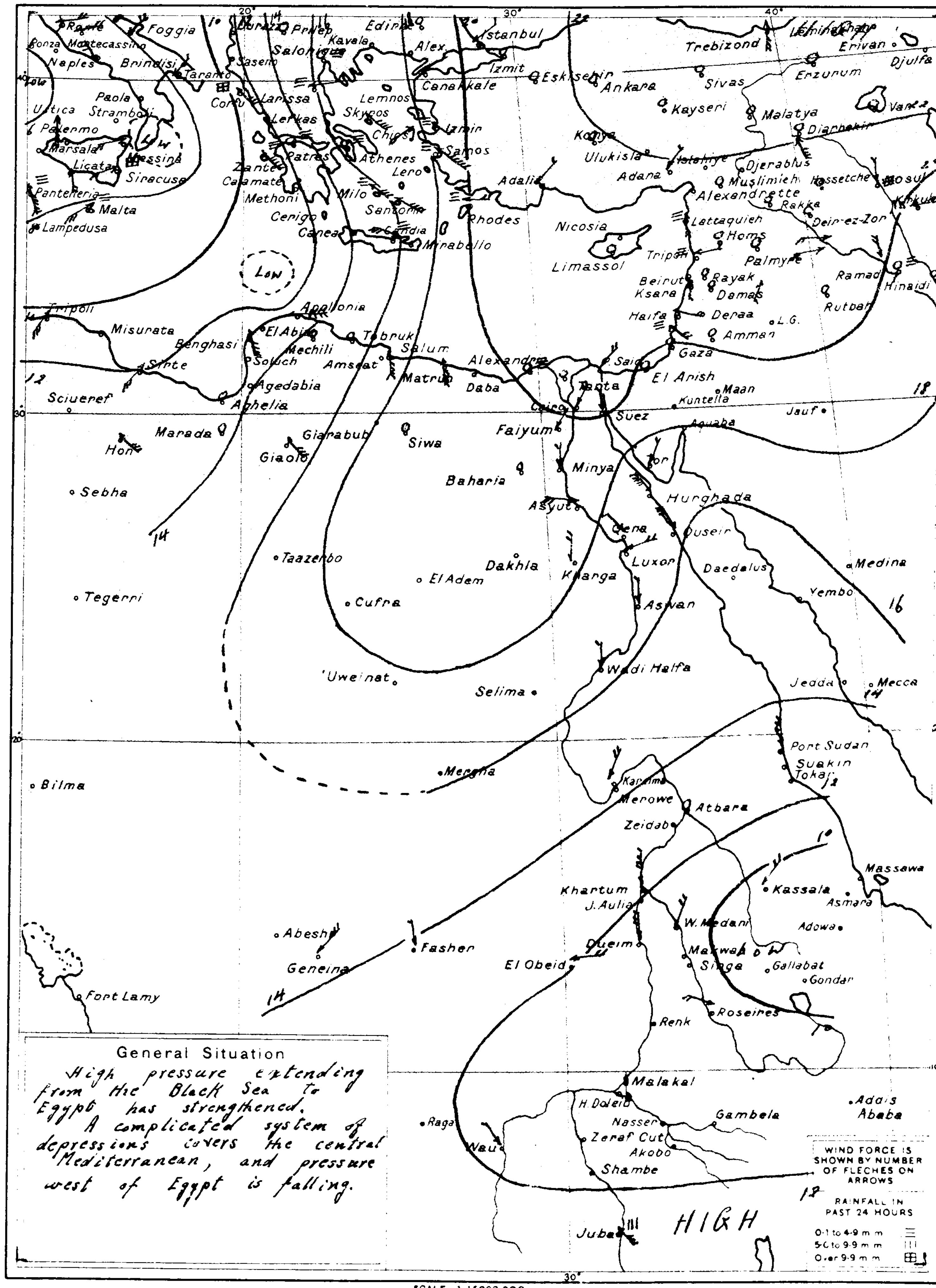
Giza Grass minimum on 3rd 10.9°C

Discharges at Aswan measured by sluices m³ per sec

Date	1937	1936
3-11	1160	2036
2-11	1157	2148

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	3-11	13.83	+0.12	13.79	+0.08
Nâsser	2-11	10.62	+0.03	10.62	+0.02
Malakâl	3-11	12.44	+0.11	12.44	+0.11
Roseires	3-11	14.47	−0.28	14.49	−0.29
Sennâr Res.	2-11	17.95	—	17.85	—
Khartûm	3-11	12.23	−0.59	12.26	−0.61
Kh. el Girba	31-10	10.88	−0.25	10.90	−0.25
'Atbara	3-11	11.53	−0.51	11.57	−0.54
Kajnarti	3-11	136.31	−1.14	136.42	−1.10
Wâdi Halfa	3-11	4.21	−0.59	4.28	−0.61
Aswân Res	3-11	113.24	—	112.68	—
D. S	3-11	86.51	−2.07	86.54	−2.15
El Leisi	3-11	20.07	−1.68	20.27	−1.55
Roda (Cairo)	3-11	16.51	−1.45	16.63	−1.40

Pressure and Wind at 8h. 3-11-1937



General Situation

High pressure extending from the Black Sea to Egypt has strengthened.
A complicated system of depressions covers the central Mediterranean, and pressure west of Egypt is falling.

At 8h on 2-11-1937 الساعة ٨ يوم ٢-١١-١٩٣٧

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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm	مرصد
Limassol	1015	−1	NW	1	19	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1016.3	+1.1	WNW	2	20.2	25	−2	16	+1	77	+16	2	—	—	—	24	124	20	حيفا
Gaza	1016.6	+1.1	—	0	19.9	29	+2	17	+2	91	+21	0	9	—	0	0	60	9	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.

Time of sunrise 06 m 12
sunset 17 m 06

Month *November* 1937 ١٩٣٧ شهر نوفمبر

DAILY WEATHER REPORT

١٩٣٧-١١-٤ Pressure and Wind at 8 h. *4-11-1937*

At 14h. on *3rd* الساعة ١٤ يوم ٣ — At 8h. on *Thursday 4th* الساعة ٨ يوم الخميس ٤

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.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	MEDITERRANEAN	SALÛM	1018.3	S	7	28.9	27	3	5	1013.8	-4.3	WSW	9	23.2	29	—	20	—	41	—	7	3	Cb	3	0	4	
		MATRÛH	1017.4	SSE	2	28.1	52	0	6	1016.0	-1.3	SE	3	20.4	28	+3	18	+2	59	-17	3	6	Sc	2	0	2	22
		DIKHEILA	1018.6	E	2	25.7	46	0	8	1018.7	—	ESE	2	19.6	26	—	16	—	76	—	0	8	As	1	0	12	—
[redacted]32		ALEXANDRIA	1017.9	SE	2	24.8	54	1	9	1018.7	+1.2	SE	3	20.5	28	+2	18	0	79	+9	1	8	Cu	0	0	29	9
159		DAMIETTA								1018.4	—	E	2	22.8	27	—	17	—	74	—	0	8	—	0	0	43	9
134		PORT SAÏD	1018.7	NE	2	25.0	92	1	7	1018.7	+3.0	NE	2	24.2	28	+2	20	+1	63	-8	0	8	—	1	0	18	4
139		EL 'ARÎSH	1018.3	NNW	1	24.0	68	4	7	1018.6	—	ESE	1	22.0	25	—	17	—	72	—	0	7	—	0	0	38	4
136	EGYPT	DAMANHÛR								1019.1	+1.3	E	2	19.8	27	-1	15	+1	75	-12	0	5	Cu	0	0	43	6
137		MANSÛRA								1017.8	—	SE	1	20.5	26	-2	17	+1	85	+6	0	8	—	0	0	65	2
[redacted]		[redacted]ANTA	1017.2	E	2	26.2	54	3	6	1019.1	+1.1	—	0	20.0	27	-1	14	0	81	0	0	6	—	0	0	40	1
		[redacted]AGÂZÎG	1017.8	ENE	3	25.2	52	2	8	1018.3	—	ESE	1	21.8	25	-3	14	0	75	-6	0	8	—	0	0	26	0
	MIDDLE EG[redacted] CAIRO	ALMÂZA	1017.1	E	4	24.2	44	3	8	1017.9	—	ESE	4	21.4	25	—	14	—	63	—	0	8	—	0	0	31	—
		EZBEKÎYA	1017.0	NE	2	25.8	50	3	8	1017.6	+0.5	NE	2	20.5	27	0	15	0	80	+1	0	5	—	0	0	14	2
		GÎZA	1016.6	ENE	2	25.3	46	4	8	1017.5	+0.4	NNE	1	20.9	26	-2	13	-1	71	-13	0	6	—	0	0	54	2
143		HELWÂN	1016.3	E	5	25.7	34	3	9	1017.0	-0.3	ENE	5	20.9	26	-1	17	+1	64	-5	0	8	—	0	0	24	1
144		SUEZ	1017.9	NNW	2	24.7	77	3	7	1018.4	+2.4	NNW	1	20.2	26	-2	16	-2	70	-7	0	8	—	0	0	10	4
153	UPPER EGYPT	FAIYÛM	1013.8	E	3	27.2	33	4	7	1015.0	-1.8	NNE	1	21.0	29	+1	17	+3	64	-11	0	7	—	0	0	dr.	0
154		MINYA	1016.4	NNE	3	28.2	31	3	7	1016.8	-0.5	NNE	1	20.5	28	+1	15	0	62	-15	1	6	Cu	1	0	dr.	—
155		ASYÛT	1015.8	WSW	3	28.4	37	2	8	1016.4	+0.1	WSW	3	18.2	28	0	14	0	69	-1	0	6	—	0	0	0	0
156		QENA	1014.2	WNW	1	26.8	47	4	7	1015.4	0.0	N	1	22.0	29	-3	14	-1	54	-3	0	8	—	0	0	0	—
157		LUXOR	1014.0	NNW	3	29.8	41	4	8	1014.7	—	ENE	1	22.9	31	—	12	—	58	—	0	8	—	0	0	dr.	—
158		ASWÂN	1012.3	N	3	30.2	22	3	8	1014.7	-0.1	N	1	21.5	31	-2	17	-1	51	+5	1	8	Ci	1	0	dr.	—
148	WESTERN DESERT	SÎWA	1016.3	ESE	1	28.4	61	4	6	1015.9	-1.7	—	0	20.6	29	+1	18	+5	86	+22	0	6	—	0	0	0	0
149		BAHARÎYA	1016.7	WNW	1	28.2	38	0	9	1017.9		—	0	19.2	29	—	12	—	61	—	0	9	—	0	0	0	—
151		KHÂRGA	1015.6	N	1	28.4	35	0	9	1015.5	-0.4	N	1	20.4	29	-2	15	0	65	+7	0	9	—	0	0	0	dr.
152		DÂKHLA	1015.6	NE	1	28.8	27	0	7	1016.2	-0.9	—	0	20.0	30	-1	14	0	40	-8	0	8	—	0	0	0	
145	RED SEA	TÔR	1015.0	NW	5	25.5	74	0	5	1015.1	-0.2	NE	2	20.5	27	0	15	-1	61	-5	0	6	—	0	0	0	1
146		HURGHÂDA								1015.1	-0.4	NW	3	24.2	28	-1	17	0	50	-3	0	9	—	0	0	dr.	dr.
147		QUSEIR	1015.1	NNW	4	26.8	63	4	7	1014.7	-0.3	NNW	3	26.3	28	-1	22	+1	55	+8	0	7	—	0	0	dr.	1
169		PORT SUDAN								1012.7	-0.3	N	3	28.2	—	—	23	-1	62	-5	2	—	—	0	0	19	15
165	NORTH SUDAN	WÂDI HALFA								1015.3	+0.4	NNE	2	19.7	30	-3	11	-5	38	-1	1	8	Cs	0	—	—	
166		KAREIMA								1012.3	-0.2	NNE	1	23.2	34	-3	17	-3	31	0	0	8	—	0	0	dr.	1
167		'ATBARA								1011.1	-0.2	ENE	3	27.0	35	-2	18	-3	36	+9	0	—	—	0	0	1	1
168		KHARTÛM								1010.5	+0.4	N	4	26.3	37	-1	19	-3	30	-3	0	8	—	0	0	2	5
170		KASSALA								1008.2	-1.6	E	3	28.8	38	0	22	0	52	+5	0	8	—	0	0	dr.	11
171	CENTRAL SUDAN	WAD MEDANI								1010.8	+0.8	NNE	2	26.2	37	-1	17	-4	21	-14	0	—	—	0	0	1	12
173		DUEIM								1010.6	+0.5	NNW	3	27.4	37	-1	21	0	20	-19	0	—	—	0	0	14	12
182		RENK																									
172		ROSEIRES								1009.1	-0.8	WNW	2	26.0	38	+1	18	-1	35	-23	0	—	—	0	0	8	32
174		EL OBEID								1011.7	-0.2	NNW	4	23.2	35	0	17	-1	31	-7	0	8	—	0	0	8	19
175		EL FÂSHER								—	—	NE	1	21.5	36	+1	13	-2	50	+17	0	—	—	0	0	23	8
176	S. SUDAN	MALAKÂL								1010.3	-0.5	N	2	25.8	36	+1	24	+4	62	-4	0	8	—	0	0	47	81
177		WÂU								1009.9	+0.1	SE	1	24.4	35	0	19	-1	75	-1	1	—	—	0	0	157	129
178		JÛBA								1012.3	+1.6	ESE	4	25.8	36	+1	22	+2	76	0	4	7	Cu,Sc	1	dr.	102	98
179		*Geneina*								—	—	E	2	15.6	35	—	9	—	41	—	0	8	—	0	0	14	—
180		*Gallabat*																									

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

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

Height metres above M.S.L.	Salum 08h.15m Dir.	Salum Kms	Matruh 07h.00m Dir.	Matruh Kms	Cairo 08h.30m Dir.	Cairo Kms	Helwan 08h45m 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
200	220	84	170	33	80	16	70	39	—	—	—	—	20	18	—	—
500	200	88	190	33	60	34	60	26	60	26	40	17	30	35	40	34
[redacted]000			170	45	60	34	50	28	60	35	80	16	30	31	50	40
[redacted]500			170	30			40	54	50	34	70	26	70	18	50	13
2000							40	60	40	29	70	20	60	18	140	11
3000													30	27	350	8
4000															30	8
5000																
6000																

Height metres above M.S.L.	Khartum 05h00m Dir.	Khartum Kms	Kassala 06h00m Dir.	Kassala Kms	El Obeid 06h.00m Dir.	El Obeid Kms	Malakal 06h00m Dir.	Malakal Kms	Juba 07h.00m Dir.	Juba Kms	Salum 3rd 13h15m Dir.	Salum 3rd Kms	Almaza 3rd 11h45m Dir.	Almaza 3rd Kms
200	—	—	—	—	—	—	—	—	—	—	160	35	60	28
500	350	37	—	—	—	—	10	16	—	—	—	—	70	18
[redacted]000	20	43	100	23	10	39	20	37	30	14	260	5	40	31
[redacted]500	50	26	40	16	340	19	20	34	90	21	220	24	10	36
2000	50	18	30	16	270	8	30	27	90	27	220	41	0	42
3000	50	31	280	11			80	14	150	19			340	39
4000			200	26					200	29				
5000														
6000														

Forecast for 24 [redacted]noon on *4th*

On the [redacted]outheast to south winds, stre[redacted] Inlan[redacted]e to fresh northeast winds, becom[redacted]outheast later. Clear at [redacted]rst, some high cloud later. Slightly warmer.

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٤
نسيم من الجنوب الشرقي والجنوب يأخذ في الشدة
على الساحل — ورياح شمالية شرقية خفيفة إلى المعتدلة
والشديدة نوعا تتحول إلى الجنوب الشرقي في الداخل
السماء صحو أولا ثم يظهر بعض السحاب العالي
درجة الحرارة أعلى قليلا غدا

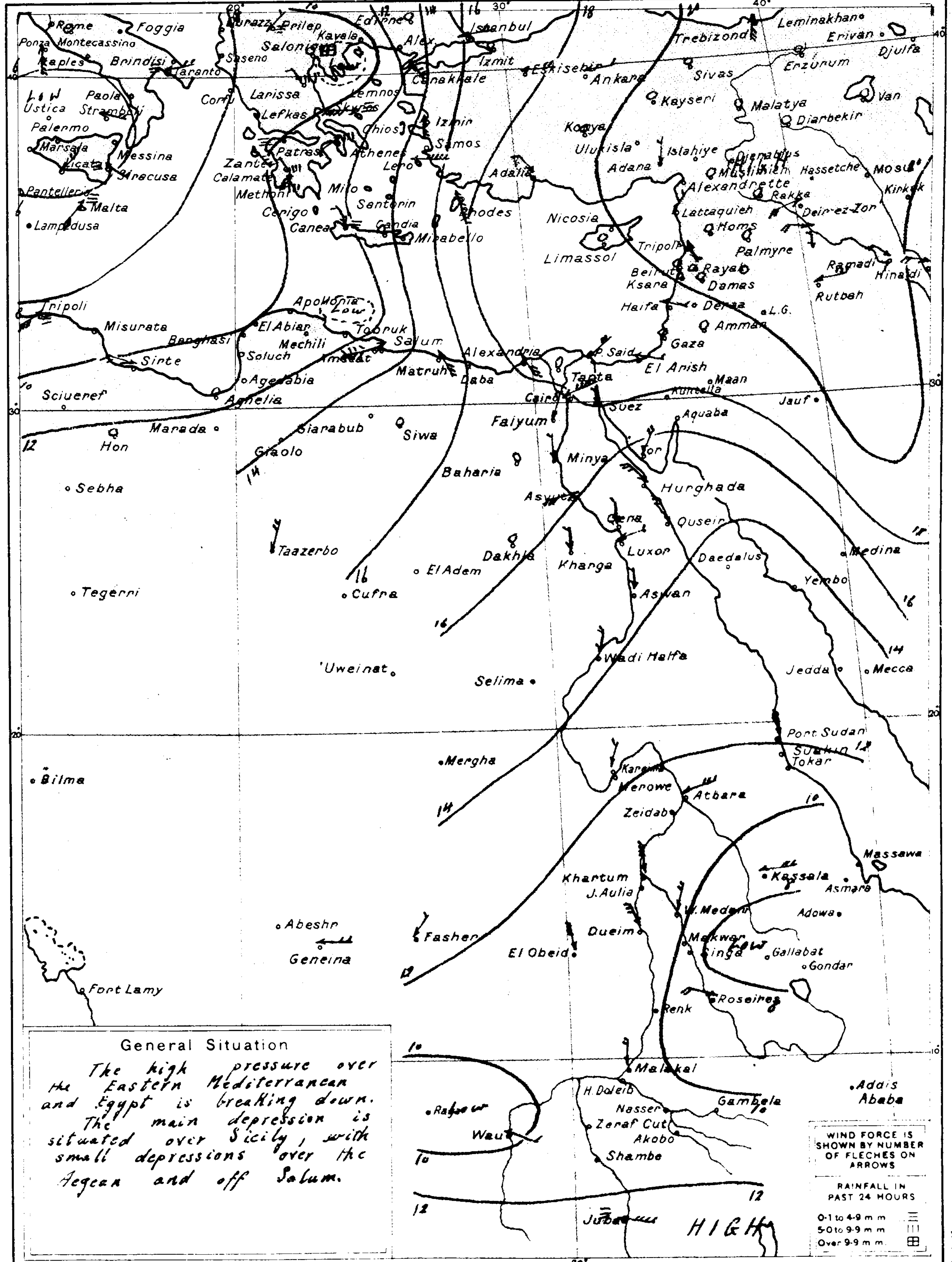
STATION	Mean of day Humidity % on 3rd	Diff. from normal	Wet bulb temp °C on 3rd	Diff. from normal
Alexandria	72	+6	17.8	+0.3
Ezbekiya	71	+5	17.8	+0.2
Giza	74	+4	16.8	-0.7
Helwan	54	-1	15.7	+0.3

Giza Grass minimum on *4th* °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
4-11	1156	1930
3-11	1160	2036

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	3-11	13.83	+0.12	13.79	+0.08
Nâsser	3-11	10.61	+0.03	10.62	+0.03
Malakâl	4-11	12.44	+0.11	12.44	+0.11
Roseires	4-11	14.46	-0.24	14.47	-0.28
Sennâr Res.	3-11	18.04	—	17.95	—
Khartûm	3-11	12.23	-0.59	12.26	-0.61
Kh. el Girba					
Atbara	4-11	11.50	-0.48	11.53	-0.51
Kajnarti	4-11	136.23	-1.07	136.31	-1.14
Wâdi Halfa	4-11	4.16	-0.57	4.21	-0.59
Aswân Res.	4-11	113.76	—	113.24	—
D.S.	4-11	86.49	-1.95	86.51	-2.07
El Leisi	4-11	19.92	-1.76	20.07	-1.68
Roda (Cairo)	4-11	16.42	-1.47	16.51	-1.45



General Situation

The high pressure over the Eastern Mediterranean and Egypt is breaking down. The main depression is situated over Sicily, with small depressions over the Aegean and off Salum.

At 8 h. on *3rd* الساعة ٨ يوم ٣

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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	مرصد
Limassol	1020	+4	—	0	19	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1020.4	+5.2	ESE	1	20.3	25	-2	16	+1	70	+9	0	—	—	—	0	124	23	حيفا
Gaza	1019.6	+4.1	—	0	18.6	30	+3	16	+1	84	+14	2	6	—	1	0	60	10	غزة
Dakhla	1019.2	+2.2	NW	1	19.6	28	-3	14	0	48	0	0	8	—	0	0	0	—	الداخلة
Ship	53286	33206	30400		17874	61702	06350												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

Telegrams from Khashm el Girba stopped after Oct. 31st, 1937

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 12
sunset 17h 05m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month November 1937 ١٩٣٧ شهر نوفمبر

No.	Station	At 14h. on 4th — Barometric Pressure Reduced to M.S.L. mb	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Friday 5th — Bar. Pressure Reduced to M.S.L. mb	Diff. from normal mb	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 mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm
	MEDITERRANEAN																									
	SALÛM	1012.0	SSW	9	32.4	15	7	1	1015.0	-3.1	SSE	3	24.0	33		22		40		5	5	Cb	3	dr	4	
	MATRÛH	1014.3	SSE	4	31.4	30	1	6	1014.6	-2.8	ESE	3	20.4	31	+6	18	+2	83	+7	3	6	Sc	2	0	2	23
	DIKHEILA	1017.4	E	1	27.4	50	0	8	1016.4	—	E	2	22.0	28		19		82		1	8	Cc	0	0	12	
132	ALEXANDRIA	1016.0	SE	2	27.5	55	1	9	1015.4	-2.2	ESE	4	22.5	29	+3	19	+1	83	+13	3	9	As	2	0	29	10
159	DAMIETTA								1015.9	—	SE	2	25.0	27		20		77		0	8	—	0	0	43	9
134	PORT SAÎD	1017.4	NE	2	25.3	68	0	8	1016.0	+0.3	NE	4	21.4	27	+1	—	—	76	+5	0	8	—	1	0	18	4
135	EL 'ARÎSH	1016.8	NNE	3	24.0	78	0	7	1015.5	—	—	0	23.0	25	—	17	—	69	—	0	7	—	0	0	38	4
	LOWER EGYPT																									
136	DAMANHÛR								1015.8	-2.1	ENE	3	22.0	28	0	17	+3	82	-5	3	6	Cu	1	0	43	6
137	MANSÛRA								1015.2	—	NE	2	21.9	28	0	18	+3	87	+8	0	8	—	0	0	65	2
138	TANTA	1016.3	E	2	28.0	51	0	7	1015.5	-2.6	NE	2	20.5	29	+1	15	+1	91	+10	2	6	Cs	2	0	40	1
	ZAGÂZÎG	1016.4	NE	3	26.4	53	0	8	1015.5	—	NE	4	22.4	26	-1	15	+1	81	0	0	8	—	0	0	26	1
	MIDDLE EGYPT																									
	CAIRO: ALMÂZA	1016.3	ENE	3	27.5	38	0	8	1015.5	—	ESE	2	20.8	28		13		72		1	7	Ci	0	0	31	
	CAIRO: EZBEKÎYA	1015.2	NE	2	29.0	44	0	8	1015.1	-2.1	NE	2	20.6	30	+3	16	+1	82	+3	0	6	—	0	0	14	2
	CAIRO: GÎZA	1015.1	NE	3	28.3	40	0	7	1014.7	-2.5	NE	1	20.1	29	+2	15	+1	78	-7	0	5	—	0	0	54	2
143	HELWÂN	1014.6	NNE	5	28.9	25	0	8	1013.9	-3.4	NE	4	22.1	29	+2	17	+1	51	-18	0	8	—	0	0	24	1
144	SUEZ	1015.1	NNE	3	28.2	33	0	8	1013.5	-2.5	NW	1	21.2	28	0	17	0	65	-12	0	7	—	0	0	10	5
	UPPER EGYPT																									
153	FAIYÛM	1014.0	NE	3	30.7	32	0	7	1013.9	-3.0	NNE	3	20.3	31	+3	14	0	66	-9	0	7	—	0	0	dr	0
154	MINYA	1012.7	N	3	30.9	29	0	8	1013.5	-3.9	NNE	2	18.7	31	+4	15	0	74	-3	0	7	—	0	0	dr	—
155	ASYÛT	1012.8	WSW	3	30.2	29	0	8	1012.8	-3.6	WSW	3	20.0	31	+3	16	+2	62	-8	0	7	—	0	0	0	1
156	QENA	1011.6	WSW	1	30.2	37	1	8	1013.0	-2.5	W	1	23.0	31	-1	15	0	56	-1	0	8	—	0	0	0	—
157	LUXOR	1011.2	NNW	2	32.5	38	2	8	1012.6	—	WSW	1	22.7	33		13		58		0	8	—	0	0	dr	—
158	ASWÂN	1009.8	NNW	2	32.0	20	1	8	1012.4	-2.5	—	0	23.0	33	0	18	0	41	-5	1	8	Ci	1	0	dr	
	WESTERN DESERT																									
148	SÎWA	1013.9	ESE	2	32	61	0	6	1013.3	-4.4	—	0	20.4	33	+5	14	+2	70	+6	0	6	—	0	0	0	0
149	BAHARÎYA	1014.2	E	2	32.0	34	0	9	1014.8		—	0	21.9	32		13		60		0	9	—	0	0	0	
151	KHÂRGA	1011.8	N	2	32.0	27	0	9	1012.0	-4.0	N	1	20.6	32	+1	14	-1	47	-11	0	9	—	0	0	0	dr
152	DÂKHLA	1012.0	ESE	1	32.6	19	3	7	1011.9	-5.3	—	0	18.5	33	+3	14	0	43	-5	0	8	—	0	0	0	—
	RED SEA																									
145	TÔR	1012.7	NW	4	27.3	66	0	6	1012.4	-2.9	N	2	21.8	28	+1	15	-1	64	-2	0	6	—	0	0	0	1
146	HURGHÂDA								1012.7	-2.9	NW	2	25.5	29	+1	17	0	49	-4	0	9	—	0	0	dr	dr
147	QUSEIR	1012.7	N	3	27.1	61	1	7	1012.3	-2.8	N	3	28.2	29	0	22	+1	51	+4	0	7	—	0	0	dr	1
169	PORT SUDAN								—	—	NW	1	29.0	—	—	25	+1	67	0	2	—	—	0	0	19	17
	NORTH SUDAN																									
165	WÂDI HALFA								1012.9	-2.1	NNW	1	20.0	32	-1	15	-1	40	0	0	8	—	0	—		—
166	KAREIMA								1010.8	-1.8	NE	1	25.0	35	-2	19	-1	34	+3	0	8	—	0	0	dr	1
167	'ATBARA								1010.2	-1.2	NE	2	27.0	37	0	20	-1	31	+4	0	—	—	0	0	1	1
168	KHARTÛM								1008.7	-1.5	N	4	27.8	38	0	22	0	27	-6	0	8	—	0	0	2	5
170	KASSALA								1008.0	-1.9	SE	1	28.1	38	0	21	-1	51	+4	0	8	—	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1009.3	-0.8	—	0	26.7	37	-1	17	-4	31	-4	0	—	—	0	0	1	12
173	DUEIM								1008.4	-1.8	N	2	27.6	37	-1	21	0	37	-2	0	—	—	0	0	14	12
182	RENK																									32
172	ROSEIRES																									
174	EL OBEID								1010.5	-1.4	NW	1	23.9	35	0	17	-1	20	-17	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	ENE	1	20.5	35	0	11	-4	48	+15	0	—	—	0	0	23	8
	S. SUDAN																									
176	MALAKÂL								1010.4	-0.4	S	3	24.5	36	+1	18	-2	76	+11	2	8	Ci	1	0	47	82
177	WÂU								1010.0	+0.2	S	1	25.2	35	0	21	+1	74	-2	1	—	—	0	0	157	130
178	JÛBA								1012.5	+1.8	SE	4	23.8	31	-4	21	+1	75	-1	4	8	Sc	2	dr	102	99
179	Geneina								—	—	E	3	15.6	35	—	9	—	41	—	2	8	Ci	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 5th ارصاد الرياح العليا يوم ٥

Height metres above M.S.L.	Wadi Halfa 06h 00m Dir E of N	Kms per hour	Kareima 06h 00m Dir	Kms	Khortum 05h 00m Dir	Kms	Kassala 07h 00m Dir	Kms	El Obeid 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Juba 07h 00m Dir	Kms	Geneina 07h 00m Dir	Kms	Salum 4th 13h 45m Dir	Kms	Almaza 4th 12h 08m Dir	Kms
200	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	220	76	50	23
500	50	24	50	34	350	37	—	—	—	—	190	18	—	—	—	—	—	—	60	22
1000	50	19	20	21	10	34	110	11	20	21	210	6	290	8	0	37			60	31
1500	120	6	80	5	0	66	60	11	130	8	180	5	310	11	70	35				
2000	120	10	170	6	340	116	20	6	160	16	10	14	280	11	100	24				
3000	10	21	60	10			90	13	220	18			200	19	280	14				
4000	10	21							10	6			180	23						
5000	310	21								18										
6000																				

Forecast for 24 h [redacted] on

Station	Mean of day — Humidity on 4th	Diff. from normal	Wet bulb temp. on 4th	Diff. from normal
Alexandria	80	+14	19.8	+2.4
Ezbekiya	78	+6	19.5	+2.0
[illegible]	65	-5	18.6	+1.3
[illegible]	57	+2	17.1	+1.9

[illegible] minimum 5th 12.4°

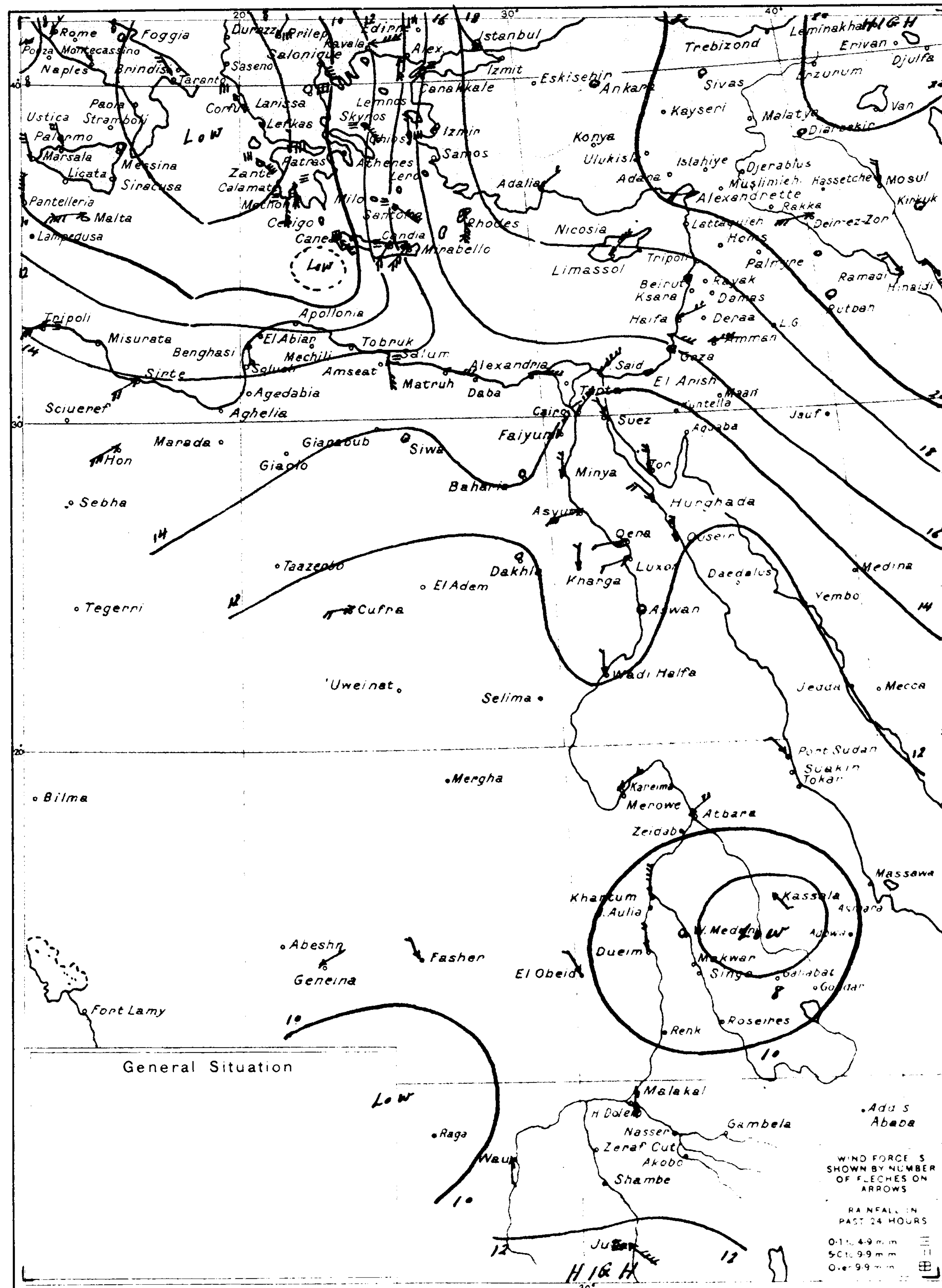
Discharges at Aswan measured by sluices

Date		
5-11	1157	1849
4-11	1156	1930

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	5-11	13.82	+0.12	13.88	+0.18
Nasser	5-11	10.60	+0.03	10.61	+0.03
Malakâl	5-11	12.43	+0.10	12.44	+0.11
Roseires	5-11	14.56	-0.09	14.46	-0.24
Sennâr Res	4-11	18.16	—	18.04	—
Khartûm	5-11	12.18	-0.52	12.19	-0.57
[illegible] el Guba	—	—	—	—	—
Atbara	5-11	11.48	-0.47	11.50	-0.48
Kajnarti	5-11	136.16	-1.02	136.23	-1.07
Wadi Halfa	5-11	4.10	-0.57	4.16	-0.57
Aswân Res	5-11	114.28	—	113.76	—
D.S.	5-11	86.48	-1.84	86.49	-1.95
El Leis	5-11	19.74	-1.87	19.92	-1.76
Roda (Cairo)	5-11	16.33	-1.49	16.42	-1.47

Printed by the Survey of Egypt 1936 [illegible]

Pressure and Wind at 8h. 5-11-1937 ١٩٣٧-١١-٥



At 8h. on 4-11-1937 ١٩٣٧-١١-٤	Bar. Pressure Reduced to M.S.L. mb	Diff. from normal mb	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	1019	+3	—	0	20	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1019.5	+4.2	ESE	1	21.6	25	-2	16	+1	74	+13	0	—	—	—	0	124	26	حيفا
Gaza	1018.6	+3.0	—	0	18.8	28	+1	15	0	82	+12	0	9	—	0	0	60	11	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 13
sunset 17 05

Month November, 1937 ١٩٣٧ نوفمبر شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٣٧-١١-٦

1417 F.C.

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

No.	Station	14h Bar. (mb)	14h Wind Dir.	14h Force	14h Temp. °C	14h Humidity %	14h Present Weather	14h Visibility	8h 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	Rain past 24 hours mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
[redacted]	[redacted]	1015.6	NNE	3	23.2	63	4	5	1014.8	-3.4	WSW	3	21.0	28	—	18	—	82	—	2	5	Cb	2	dr.	4	
[redacted]	[redacted]	1014.4	NE	3	25.2	79	3	6	1012.7	-4.7	E	3	23.3	25	0	20	+5	86	+10	3	6	Cu	2	0	2	23
	[redacted]DIKHEILA																									
132	ALEXANDRIA	1013.4	ENE	3	28.8	59	3	8	1013.1	-4.5	E	2	25.0	29	+3	21	+4	77	+7	0	8	—	0	0	29	11
159	DAMIETTA								1012.3	—	NE	1	25.0	28		22		76		0	8	—	0	0	43	10
134	PORT SAÏD	1014.3	NE	4	27.2	65	1	8	1012.7	-3.1	NE	1	24.8	28	+2	23	+5	79	+8	0	8	—	0	0	18	5
135	EL ARÎSH								1012.0	—	ESE	1	24.2	26	—	18	—	69	—	0	7	—	0	0	38	4
136	DAMANHÛR								1013.4	-4.5	NE	2	21.1	30	+2	18	+4	96	+9	0	7	—	0	0	43	7
137	MANSÛRA								1012.2	—	NE	2	22.5	30	+2	19	+4	87	+8	0	8	—	0	0	65	2
138	TANTA	1012.4	NE	4	30.0	50	2	6	1012.6	-5.5	NE	2	21.0	31	+3	17	+3	91	+10	0	6	—	0	0	40	1
[redacted]	[redacted]ZAGÂZIG	1013.1	NE	2	29.4	45	0	8	1013.0	—	NNW	1	18.6	29	+2	16	+2	96	+15	8	1	—	4	0	26	1
[redacted]	ALMÂZA	1012.7	NNE	3	30.1	32	2	7	1013.1	—	NE	1	20.1	31	—	14	—	74	—	0	6	—	1	0	31	—
	EZBEKÎYA	1011.9	NNE	3	31.5	32	1	9	1012.4	-4.8	WNW	1	19.0	32	+5	16	+1	90	+11	1	4	st	1	0	14	2
	GÎZA	1011.4	NNE	2	30.6	33	1	9	1012.3	-5.0	NNW	2	16.8	31	+4	14	+1	99	+14	8	2	st	4	0	54	2
143	HELWÂN	1010.6	NNE	5	31.7	18	1	7	1011.8	-5.6	—	0	18.3	32	+6	18	+2	78	+9	0	4	—	0	0	24	2
144	SUEZ	1012.0	NNE	2	30.3	29	0	8	1012.4	-3.7	NNE	1	19.6	32	+4	16	-1	68	-9	0	7	—	0	0	10	5
153	FAIYÛM	1010.3	—	0	32.5	26	0	7	—	—	—	0	23.1	36	+8	19	+5	62	-13	0	8	—	0	0	dr.	0
154	MINYA	1011.0	NNW	1	31.3	33	0	8	1011.9	-5.5	NNW	1	19.5	32	+5	16	+1	70	-7	0	9	—	0	0	dr.	
155	ASYÛT	1010.7	ESE	3	33.0	38	0	8	1012.2	-4.3	SW	2	21.0	36	+8	16	+2	57	-13	0	7	—	0	0	0	1
156	QENA	1010.3	W	1	32.5	34	0	8	1012.3	-3.3	WNW	1	24.7	33	+1	16	+1	49	-9	1	7	Cu	1	0	0	—
157	LUXOR	1009.5	W	1	35.2	31	1	8	1011.4	—	W	1	24.3	36		15	—	54	—	1	8	Cu	1	0	dr.	—
158	ASWÂN	1008.0	—	0	33.8	25	0	8	1011.4	-3.6	N	1	23.5	36	+3	18	0	42	-4	0	8	—	0	0	dr.	—
148	SÎWA	1011.9	SSW	1	32	63	0	6	1013.4	-4.4	—	0	20.9	33	+5	15	+3	82	+18	0	6	—	0	0	0	0
149	BAHARÎYA	1011.9	E	1	31.9	38	0	9	1013.4		—	0	20.2	33		13		47		0	9	—	0	0	0	
151	KHÂRGA	1010.6	N	1	30.6	38	0	9	1011.8	-4.2	—	0	24.0	35	+4	15	0	46	-12	0	9	—	0	0	0	dr.
152	DÂKHLA	1010.0	SE	1	33.5	21	3	7	1012.8	-4.5	—	0	19.5	34	+4	13	-1	35	-14	0	8	—	0	0	0	
145	TOR	1010.6	NW	2	28.5	64	0	6	1011.5	-3.9	NE	2	24.0	29	+2	17	+2	50	-15	0	6	—	0	0	0	1
146	HURGHÂDA								1011.4	-4.3	NW	3	26.8	31	+3	18	+1	40	-13	1	8	Cc	1	0	dr.	dr.
147	QUSEIR	1010.8	N	3	29.2	55	0	7	1012.0	-3.2	—	0	28.8	29	0	23	+2	46	-1	3	7	Ac	1	0	dr.	1
169	PORT SUDAN								1011.6	-1.5	SW	1	28.3	—	—	25	+1	75	+8	1	—	—	6	8	27	18
165	WÂDI HALFA								1012.4	-2.6	—	0	21.3	35	+2	15	-1	38	-2	2	8	Cs	1	—	—	
166	KAREIMA								1010.5	-2.2	NW	1	24.8	37	0	21	+1	34	+3	8	8	—	0	0	dr.	1
167	ATBARA								1009.6	-1.9	N	2	28.0	37	+1	22	+1	33	+5	0	—	—	0	0	1	1
168	KHARTÛM								1009.0	-1.3	NNW	3	27.0	39	+1	20	-1	31	-2	0	8	—	0	0	2	5
170	KASSALA								1007.6	-2.3	SSE	2	28.9	38	0	22	0	46	-1	0	8	—	0	0	dr.	11
171	WAD MEDANI								1009.8	-0.3	ESE	1	27.2	37	-1	17	-4	30	-4	0	—	—	0	0	1	12
173	DUEIM								1010.2	-0.1	SW	3	26.4	38	0	20	0	42	+4	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1009.1	-0.8	WNW	2	25.8	38	+1	19	0	63	+6	0	—	—	0	0	8	32
174	EL OBEID								1010.7	-1.3	NNW	2	23.3	36	+1	16	-2	25	-12	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	NW	2	20.5	36	+1	11	-4	48	+16	0	—	—	0	0	23	8
176	MALAKÂL								1010.3	-0.5	S	2	25.0	35	0	20	0	84	+20	2	8	Ci	1	0	47	82
177	WÂU								1009.8	0.0	SE	2	24.9	37	+2	20	0	73	-2	0	—	—	0	0	157	130
178	JÛBA								1012.2	+1.6	SSE	2	23.8	36	+1	20	0	83	+7	2	8	Cu, Sc	5	7	109	100
179	Geneina								—	—	NE	3	16.1	35	—	10	—	32	—	0	8	—	0	0	14	—
180	Gallabat																									

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

Height metres above M.S.L.	Salum 08h.00m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Helwan 08h.45m. Dir.	Kms	Asyut 07h.06m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	W. Halfa 06h.00m. Dir.	Kms	Kareima 06h.00m. Dir.	Kms	Khartum 05h.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	Ismailia (R.A.F.) 07h.00m. Dir.	Kms	Almaza 5th 11h.00m. Dir.	Kms
200	250	17	100	44	300	8	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	200	18	60	24
[redacted]	[redacted]80	18	110	36	250	4	30	7	120	32	30	29	30	29	0	39	—	—	—	—	190	14	—	—	—	—	140	14	60	27
[redacted]	[redacted]90	29	Ent. Cu		160	8	90	11	100	20	40	24	10	14	350	37	180	18	20	35	30	3	180	18	50	37	140	18	100	39
[redacted]	[redacted]00	19			190	19	170	16	70	16	30	19	340	10	340	21	20	13	20	16			200	21	70	48	200	18	100	36
2000	200	25			210	25	140	21	70	18	80	8	230	27	310	13	320	19	60	6			150	32	70	—	Tail		90	36
3000					190	20			30	12	330	11	340	10	160	24			130	5			150	40	60	18			90	36
4000											320	10	300	23									70	8	50	8				
5000																									70	18				
6000																														

Forecast for 24 h[redacted] on 6th
Light to m[redacted]able winds chiefly north[redacted]king later to moderate [redacted]
Mai[redacted]day; some low cloud later.
Sligh[redacted]r tomorrow, possibly with showers in [redacted] north.

نشرت الطقس المتوقعة ٢٤ ساعة ... يوم ٦
رياح خفيفة الى ... معتدلة وتكون أكثرها شمالية شرقية ثم تتحول فيما بعد الى غربية معتدلة
السماء صحو أغلب اليوم ثم يظهر بعض السحاب المنخفض فيما بعد
تهبط درجة الحرارة قليلا باكر ويحتمل أنه يكون هناك سقوط رزاز في الشمال

Mean of day

Station	Humidity 5th	Diff. from normal	Wet bulb temp. 5th	Diff. from normal
Alexandria	80	+14	21.4	+4.2
Ezbekiya	66	0	19.4	+2.0
Giza	66	-4	18.4	+1.2
Helwan	42	-13	16.9	+1.8

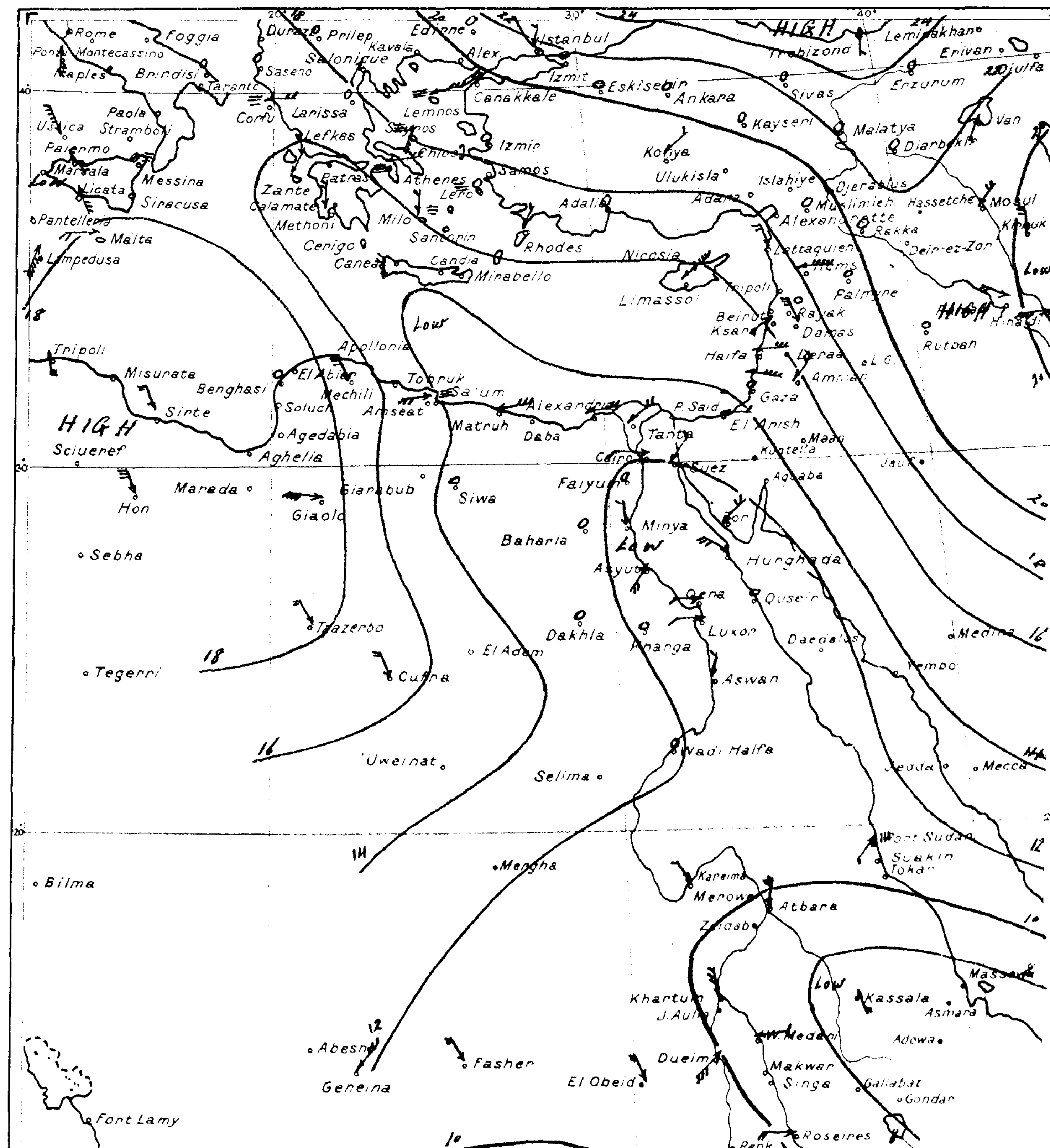
Giza grass minimum on 6th 11.6 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
6-11	1157	1763
5-11	1157	1849

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	5-11	13.82	+0.12	13.88	+0.18
Nâsser	5-11	10.60	+0.03	10.61	+0.03
Malakâl	6-11	12.43	+0.10	12.43	+0.10
Roseires	6-11	14.56	-0.04	14.56	-0.09
Sennâr Res.	5-11	18.31	—	18.16	—
Khartûm	5-11	12.18	-0.52	12.19	-0.57
Khashm el Girba					
Atbara	6-11	11.45	-0.46	11.48	-0.47
Kajnarti	5-11	136.16	-1.02	136.23	-1.07
Wâdi Halfa	6-11	4.66	-0.52	4.10	-0.57
Aswân Res.	6-11	114.72	—	114.28	—
D.S.	6-11	86.47	-1.72	86.48	-1.84
El Lesi	6-11	19.54	-2.00	19.74	-1.57
Rôda (Cairo)	6-11	16.27	-1.48	16.33	-1.47

Pressure and Wind at 8h. 6-11-37



General Situation

Upper Egypt is an area of low pressure.
There is a small depression off Salum.
High pressure over Libya has strengthened.

At 8h. on 5th — الساعة ٨ يوم ٥

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	Rain past 24 hours mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm	مرصد
Limassol	1017	+1	NE	3	20	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1017.5	+2.2	ENE	2	22.6	26	-1	17	+2	60	-1	0	—	—	—	0	124	29	حيفا
Gaza	1015.9	+0.3	—	0	18.4	27	0	14	-1	76	+6	0	9	—	0	0	60	13	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 [illegible]

CAIRO

Time of sunrise 06 h. 14 m.
sunset 17 h. 04 m.

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

DAILY WEATHER REPORT

Month November, 1937 — ١٩٣٧ — شهر نوفمبر

At 14h. on 6th — الساعة ١٤ يوم ٦

No.	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present weather	Visibility
	MEDITERRANEAN: SALÛM							
	MATRÛH	1012.6	NNE	2	24.6	83	4	6
[illegible]0	DIKHEILA	1011.2	NNE	2	25.0	85	2	6
132	ALEXANDRIA	1010.7	NE	4	29.0	67	3	8
159	DAMIETTA							
134	PORT SAÏD	1011.[illegible]	NW	2	28.1	66	0	8
135	EL 'ARÎSH	1010.4	NNE	2	30.0	59	0	7
136	LOWER EGYPT: DAMANHÛR							
137	MANSÛRA							
	TANTA	1010.7	—	0	32.3	38	2	6
	ZAGÂZÎG	1010.2	SW	1	31.4	40	0	8
	MIDDLE EGYPT: CAIRO { [illegible]ZA	1010.8	W	1	30.9	40	1	7
	EZBEKIYA	1010.2	—	0	32.0	42	0	8
	GÎZA	1009.4	WSW	1	32.6	39	0	8
143	HELWÂN	1009.8	WNW	2	30.1	31	1	7
144	SUEZ	1010.2	SSW	1	31.2	33	0	8
153	UPPER EGYPT: FAIYÛM							
154	MINYA	1010.4	NNW	1	32.5	31	0	8
155	ASYÛT	1010.2	NNW	2	30.6	42	0	8
156	QENA	1009.6	NW	1	35.0	33	0	8
157	LUXOR	1009.3	NNW	3	34.7	36	0	8
158	ASWÂN	1007.2	—	0	34.9	35	1	8
148	WESTERN DESERT: SÎWA	1012.3	WNW	2	28.7	60	0	6
149	BAHARÎYA	1011.5	WNW	2	33.0	24	0	9
151	KHÂRGA	1009.5	—	0	35.4	31	0	9
152	DÂKHLA	1010.8	NNW	1	32.1	21	0	8
145	RED SEA: TÔR	1010.6	WSW	2	28.5	74	0	6
146	HURGHÂDA							
147	QUSEIR	1010.4	NE	1	—	68	2	7
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 / 180	Geneina / Gallabat							

At 8h. on Sunday 7th — الساعة ٨ يوم الأحد 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	Rainfall Past 24 hours m.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
SALÛM							—		—		—							—
MATRÛH																		24
DIKHEILA	1013.4	—	NNE	4	24.0	28	—	23	—	84	—	3	6	Cu	1	0	12	—
ALEXANDRIA	1013.0	-4.7	NE	4	23.9	31	+5	22	+5	83	+13	3	8	Cu	2	0	29	12
DAMIETTA	1013.6	—	SE	2	22.9	30	—	21	—	85	—	5	6	Cb	5	dr.	43	10
PORT SAÏD	1014.2	-1.7	NW	3	21.2	29	+3	21	+3	73	+2	4	6	Cb	2	dr.	18	5
EL 'ARÎSH	1014.7	—	—	0	24.6	33	—	20	—	69	—	4	6	Cb	6	tr.	38	5
DAMANHÛR	1014.0	-4.0	E	3	20.6	33	+6	19	+5	96	+8	3	5	As	4	dr.	43	7
MANSÛRA	1014.3	—	SE	2	21.6	33	+5	20	+5	94	+15	5	3	Sc	2	2	67	2
TANTA	1013.6	-4.5	—	0	19.0	33	+5	17	+3	81	0	4	5	Sc	2	0	40	1
ZAGÂZÎG	1012.2	—	ENE	7	21.9	32	+5	17	+3	61	-20	4	8	Sc	2	1	27	1
CAIRO [illegible]ZA	1013.6	—	E	3	22.2	31	—	16	—	63	—	4	7	Sc	9	1	32	—
EZBEKIYA	1012.8	-4.5	N	2	21.5	34	+7	19	+4	92	+13	3	6	Cb	9	dr.	14	2
GÎZA	1012.6	-4.8	NE	2	21.6	34	+7	16	+3	79	-6	4	5	Sc	9	dr.	54	2
HELWÂN	1012.4	-5.0	NE	6	22.6	31	+5	18	+3	56	-13	4	6	Cb	5	tr.	24	2
SUEZ	1015.0	-1.1	NNE	4	21.7	32	+4	19	+2	74	-3	5	4	Ns	5	3	13	5
FAIYÛM																		0
MINYA	1012.8	-4.7	NNW	1	21.5	33	+6	16	+2	70	-7	0	7	—	1	0	dr.	—
ASYÛT	1013.0	-3.6	WSW	3	20.6	33	+6	17	+3	59	-11	0	7	—	0	0	0	1
QENA	1012.4	-3.3	WNW	1	24.2	36	+4	18	+4	59	+1	0	8	—	0	0	0	—
LUXOR	1011.8	—	ESE	2	25.5	36	—	19	—	66	—	0	8	—	0	0	dr.	—
ASWÂN	1011.4	-3.7	—	0	25.7	37	+4	22	+5	64	+18	0	8	—	0	0	dr.	—
SÎWA	1013.8	-4.0	—	0	19.6	29	+1	15	+3	86	+22	2	6	Cc	2	0	0	0
BAHARÎYA	1014.3		WNW	1	20.0	33	—	15	—	91	—	4	9	—	2	0	0	—
KHÂRGA	1013.3	-2.8	—	0	22.4	35	+5	16	+2	57	-2	0	9	—	0	0	0	dr.
DÂKHLA	1014.4	-2.9	WNW	3	19.0	34	+4	16	+2	45	-4	0	7	—	0	0	0	—
TÔR	1011.5	-4.0	SE	2	25.9	31	+4	17	+2	82	+17	0	5	—	0	0	0	1
HURGHÂDA																		dr.
QUSEIR	1012.3	-2.9	—	0	29.1	31	+2	23	+2	71	+24	0	7	—	1	0	dr.	1
PORT SUDAN	1011.4	-1.7	S	1	30.0	—	—	25	+1	68	+1	2	—	—	0	0	27	20
WÂDI HALFA	1012.7	-2.4	NNW	4	22.0	34	+1	17	+1	29	-11	0	8	—	0	—	—	—
KAREIMA	1010.3	-2.5	NNE	1	24.9	36	-1	19	-1	28	-4	0	8	—	0	0	dr.	1
'ATBARA	1009.5	-2.0	N	3	27.7	37	+1	21	0	33	+5	0	—	—	0	0	1	1
KHARTÛM	1008.6	-1.8	NNW	3	26.5	39	+1	19	-2	31	-2	0	8	—	0	0	2	5
KASSALA	1007.6	-2.3	SSE	1	27.5	38	0	21	-1	49	+2	0	8	—	0	0	dr.	11
WAD MEDANI	1008.6	-1.6	NNE	2	27.2	37	-1	17	-4	22	-12	0	—	—	0	0	1	12
DUEIM	1009.3	-1.0	NW	3	26.2	38	0	21	+1	32	-6	0	—	—	0	0	14	12
RENK																		
ROSEIRES	1009.4	-0.5	NNE	2	25.6	38	+1	19	0	56	0	0	—	—	0	0	8	32
EL OBEID	1010.0	-2.0	N	1	23.7	36	+1	17	-1	20	-17	0	8	—	0	0	8	19
EL FÂSHER	—	—	N	2	20.0	37	+2	12	-2	52	+20	0	—	—	0	0	23	8
MALAKÂL	1007.9	-2.9	NE	2	26.8	35	0	20	0	63	0	2	8	Ci	1	0	47	83
WÂU	1007.6	-2.2	SE	2	26.4	37	+2	21	+1	69	-6	1	—	—	0	0	157	131
JÛBA	1010.4	-0.2	SE	3	24.8	36	+1	20	0	76	0	4	8	Cs	5	dr.	109	102
Geneina / Gallabat	—	—	E	3	16.6	36	—	11	—	34	—	0	8	—	0	0	14	—

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

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

Height metres above M.S.L.	Ismailia (R.A.F.) 07h 00m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Cairo 10h 00m Dir.	Kms	Almaza 08h 00m Dir.	Kms	Helwan 09h 15m 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 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Juba 06h 00m Dir.	Kms	Geneina 07h 00m Dir.	Kms	Almaza 6th 11h 45m Dir.	Kms
[illegible]	130	16	—	—	80	40	90	37	70	70	—	—	350	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	240	10
[illegible]	110	10	300	25	70	65	100	38	70	64	90	12	20	31	30	39	0	61	—	—	—	—	30	11	—	—	—	—	230	6
[illegible]	110	8	230	8	80	35	90	14	90	18	110	10	20	27	40	27	10	40	60	24	20	40	20	18	150	24	50	45	190	26
[illegible]	30	8	210	14	30	11	20	18	20	8	50	10	20	27	10	18	0	23	30	26	50	24	30	27	130	26	60	68	190	30
2000	60	5	210	18			230	15	10	22	60	4	10	6	80	8	350	24	30	23	50	13	50	34	170	26	70	43	210	30
3000	250	18					270	30	Ent. Cu.				20	6	30	11	330	16	20	13			90	21	170	34	60	14		
4000	240	8					230	45							350	8							100	23	170	37	0	21		
5000							210	54																						
6000							Ent. C[illegible]																							

Forecast for 24 hours [illegible] 7th
Northeast to [illegible], moderate on the coast, fresh in[illegible] strong at times.
Variable cloud[illegible].
Scattered showers, in places with thunder.
Conditions changeable and unsettled.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٧

رياح بين شمالية غربية وشمالية تكون معتدلة على السواحل
وسريعة وتشتد أحيانا في الداخل
سحب متقلبة
تساقط أمطار متفرقة تصحبها رعد أحيانا
والطقس متغير ومضطرب

Mean of day

Station	Humidity % on 6th	Diff from normal	Wet bulb temp. °C on 6th	Diff from normal
Alexandria	78	+12	23.0	+5.9
Ezbekiya	77	+10	19.9	+2.6
Giza	88	+18	19.3	+2.2
Helwan	53	-2	17.4	+2.3

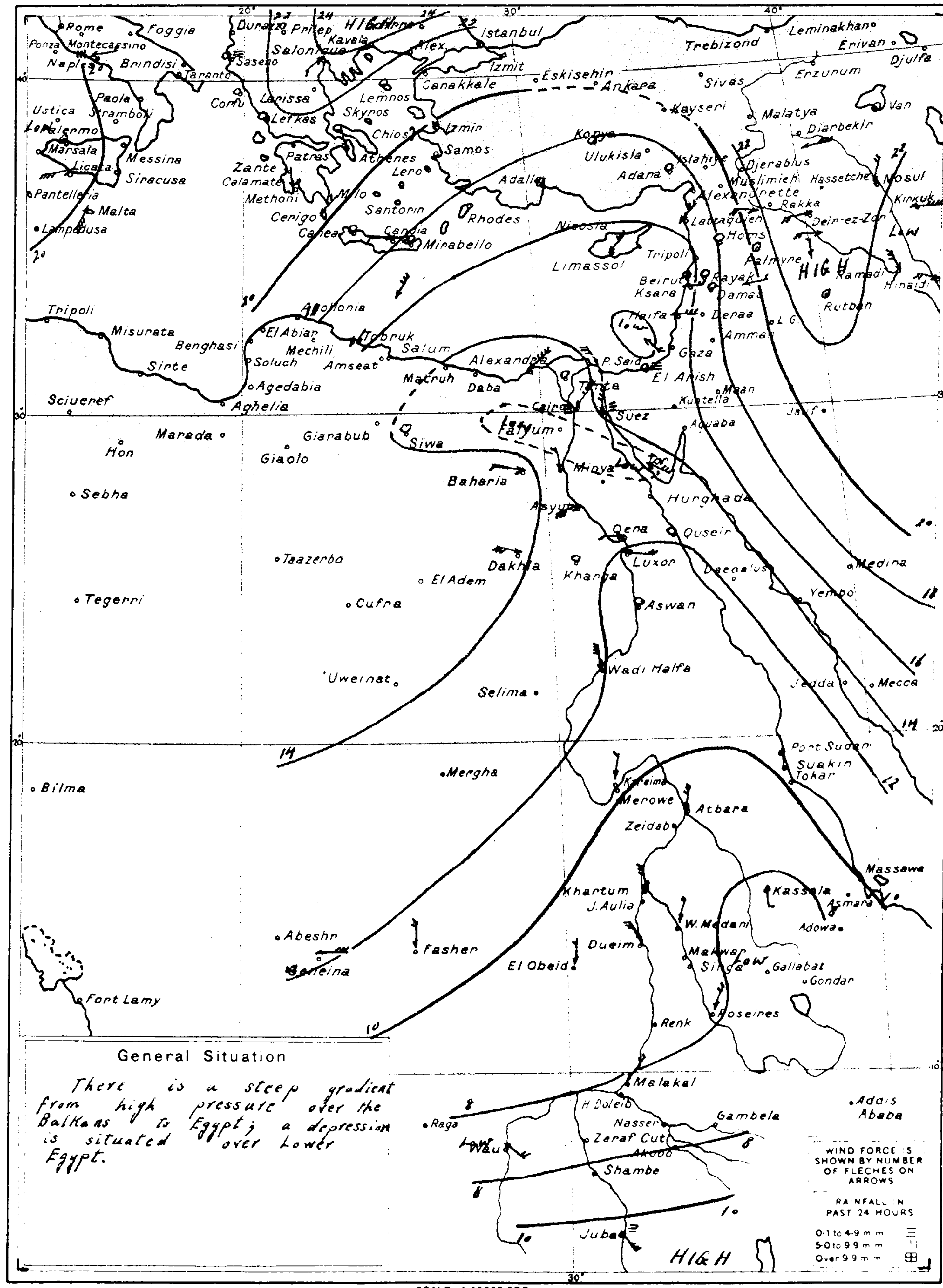
Giza Grass minimum on 7th 14.6 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
7-11	1156	1692
6-11	1157	1763

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	6-11	13.86	+0.17	13.82	+0.12
Nâsser	6-11	10.59	+0.02	10.60	+0.03
Malakâl	7-11	12.43	+0.10	12.43	+0.10
Roseires	7-11	14.54	0.00	14.56	-0.04
Sennâr Res.	6-11	18.43	—	18.31	—
Khartûm	7-11	12.15	-0.47	12.16	-0.50
Kh. el Girba					
'Atbara	6-11	11.45	-0.46	11.48	-0.47
Kajnarti	6-11	136.08	-1.00	136.16	-1.02
Wâdi Halfa	7-11	4.02	-0.48	4.06	-0.52
Aswân Res.	7-11	115.14	—	114.72	—
D. S.	7-11	86.46	-1.61	86.47	-1.72
El Leisi	7-11	19.34	-2.10	19.54	-2.00
Rôda (Cairo)	6-11	16.27	-1.48	16.33	-1.49

٣٧-١١-٧ **Pressure and Wind at 8h. 7-11-37**



General Situation

There is a steep gradient from high pressure over the Balkans to Egypt; a depression is situated over Lower 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 8h. on 6th — الساعة ٨ يوم ٦

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
Limassol	1015	-1	NE	5	17	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1015.1	-0.3	E	3	25.4	30	+3	18	+3	70	+9	0	—	—	—	0	124	32	حيفا
Gaza	1013.3	-2.3	—	0	20.8	31	+5	17	+2	74	+3	0	9	—	0	0	60	14	غزه
Dekheila	1014.0	—	ENE	2	23.6	27	—	21	—	77	—	0	8	—	1	0	12	—	الدخيله

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 45
sunset 17 03

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

Month *November*, 1937 ١٩٣٧ شهر نوفمبر

DAILY WEATHER REPORT

At 14h. on 7th (الساعة ١٤ يوم ٧)

No.	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
	Mediterranean							
	SALÛM	1017.6	NNE	6	22.0	72	2	8
	MATRÛH	1014.3	NNW	4	23.3	76	3	6
	DIKHEILA	1013.1	WNW	2	25.0	81	3	6
132	ALEXANDRIA	1011.2	NW	2	25.3	77	4	8
159	DAMIETTA							
134	PORT SAÏD	1015.6	NW	2	24.3	52	4	8
135	EL 'ARÎSH	1013.4	SSE	1	23.4	72	4	6
	Lower Egypt							
136	DAMANHÛR							
137	MANSÛRA							
	TANTA	1012.3	—	0	24.0	60	4	5
	ZAGÂZÎG	1012.3	NNE	1	24.4	67	2	8
	Middle Egypt							
	CAIRO ALMÂZA	1011.9	E	4	26.2	35	3	8
	CAIRO EZBEKÎYA	1011.1	NE	2	31.2	34	1	8
	CAIRO GÎZA	1010.7	NNE	2	30.8	33	2	9
143	HELWÂN	1010.3	ESE	4	29.0	26	2	7
144	SUEZ	1012.4	ESE	2	30.4	54	0	8
	Upper Egypt							
153	FAIYÛM	1010.3	—	0	31.6	40	2	8
154	MINYA	1010.2	NNE	2	28.6	48	0	8
155	ASYÛT	1010.7	NW	3	28.0	47	0	8
156	QENA	1009.5	WSW	1	31.9	39	1	8
157	LUXOR	1008.7	WSW	3	34.8	38	1	8
158	ASWÂN	1007.6	—	0	35.0	33	1	8
	Western Desert							
148	SÎWA	1015.4	NNW	2	27.2	68	1	6
149	BAHARÎYA	1012.3	NW	1	26.1	61	3	9
151	KHÂRGA	1011.5	N	1	32.3	31	0	9
152	DÂKHLA	1012.0	NNW	2	27.9	31	0	7
	Red Sea							
145	TÔR	1010.0	NE	2	31.5	41	7	3
146	HURGHÂDA							
147	QUSEIR	1010.2	E	3	28.9	80	4	7
169	PORT SUDAN							

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

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	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.
	SALÛM	1017.6	-0.6	NNE	6	20.6	23	—	12	—	81	—	3	6	Cb	5	dr.	4	—
	MATRÛH	1015.0	-2.6	NNW	1	23.1	23	-1	17	+2	86	+10	3	6	Sc	2	0	24	24
	DIKHEILA	1014.4	—	SW	2	25.0	26	—	17	—	70	—	4	6	Ac	1	2	14	—
132	ALEXANDRIA	1014.3	-3.4	—	0	22.8	29	+3	20	+3	73	+3	4	8	Cu	2	dr.	29	13
159	DAMIETTA	1013.6	—	NNE	2	23.1	24	—	18	—	73	—	0	8	—	—	dr.	43	11
134	PORT SAÏD																		6
135	EL 'ARÎSH	1013.8	—	ESE	1	20.2	26	—	16	—	80	—	3	7	Sc	1	dr.	38	5
136	DAMANHÛR	1014.2	-3.8	—	0	20.0	27	0	17	+3	81	-7	3	7	Cu	1	tr.	43	8
137	MANSÛRA	1013.5	—	NNE	2	22.0	26	-2	17	+2	79	-1	1	7	Cs	1	0	67	3 X
	TANTA	1014.2	-4.0	—	0	20.0	26	-1	16	+2	72	-9	0	6	—	0	0	40	1
	ZAGÂZÎG	1013.9	—	NNE	2	21.4	24	-3	16	+2	68	-14	1	8	Ci	1	0	27	1
	CAIRO ALMÂZA	1013.9	—	NNE	1	18.8	30	—	15	—	76	—	2	7	Ac	1	0	32	—
	CAIRO EZBEKÎYA	1013.5	-3.8	N	3	19.5	32	+6	18	+3	90	+10	1	5	Ac	1	dr.	14	2
	CAIRO GÎZA	1013.5	-3.9	N	1	18.9	31	+4	17	+4	81	-4	1	6	Cu	1	dr.	54	2
143	HELWÂN	1013.1	-4.4	NNW	3	19.0	29	+3	17	+2	73	+4	1	5	AC	1	0	24	2
144	SUEZ	1013.6	-2.6	NE	1	18.8	33	+6	17	0	81	+4	1	7	Ac	0	2	15	5
153	FAIYÛM	—	—	NNW	2	22.5	33	+5	17	+3	65	-10	0	7	—	0	0	dr.	0
154	MINYA	1013.6	-3.9	N	2	20.5	29	+3	17	+3	69	-8	0	7	—	0	0	dr.	—
155	ASYÛT	1013.4	-3.3	W	2	19.0	29	+2	16	+2	64	-6	0	7	—	0	0	0	1
156	QENA	—	—	W	1	23.5	33	+1	17	+3	56	-2	0	8	—	0	0	0	—
157	LUXOR	1011.9	—	ESE	1	25.6	36	—	16	—	64	—	0	8	—	0	0	dr.	—
158	ASWÂN	1011.8	-3.3	N	2	24.9	37	+5	21	+4	41	-5	0	8	—	9	0	dr.	—
148	SÎWA	1016.7	-1.2	NE	1	20.1	29	+1	16	+4	89	+25	0	6	—	0	0	0	0
149	BAHARÎYA	1015.4		NW	2	18.2	28	—	15	—	98	—	4	9	—	2	0	0	—
151	KHÂRGA	1012.4	-3.8	—	0	20.8	33	+3	15	+1	77	+18	0	9	—	0	0	0	dr.
152	DÂKHLA	1014.6	-2.8	NW	2	20.0	29	-1	16	+2	59	+10	0	8	—	0	0	0	—
145	TÔR	1012.2	-3.4	NE	3	22.1	32	+5	17	+2	77	+12	0	5	—	0	10	10	1
146	HURGHÂDA																		
147	QUSEIR	1011.8	-3.5	WNW	1	25.9	30	+1	22	+1	72	+25	0	7	—	0	dr.	dr.	1
169	PORT SUDAN	1010.8	-2.4	S	1	29.8	—	—	26	+2	70	+3	3	—	—	1	0	27	22
165	WÂDI HALFA	1013.7	-1.5	NNW	4	21.7	34	+2	18	+2	45	+5	0	8	—	0	—	—	—
166	KAREIMA	1010.0	-2.9	N	3	26.8	37	0	22	+3	26	-6	0	8	—	0	0	dr.	1
167	'ATBARA	1009.0	-2.6	NNE	2	28.0	38	+2	21	+1	35	+7	0	—	—	0	0	1	1
168	KHARTÛM	1008.4	-2.1	N	3	28.0	40	+2	21	0	33	0	0	8	—	0	0	2	5
170	KASSALA	1005.6	-4.3	E	3	29.6	39	+1	21	-1	47	0	0	6	—	0	0	dr.	11
171	WAD MEDANI	1007.9	-2.4	NNE	2	27.3	38	0	16	-5	20	-14	0	—	—	0	0	1	12
173	DUEIM	1007.8	-2.6	NW	4	27.8	39	+1	21	+1	31	-7	0	—	—	0	0	14	12
	RENK																		
172	ROSEIRES	1007.2	-2.7	WNW	2	26.2	39	+2	18	-1	37	-19	0	—	—	0	0	8	32
174	EL OBEID	1010.0	-2.1	NNE	5	24.4	37	+2	17	0	26	-10	2	8	Ci	0	0	8	19
175	EL FÂSHER	—	—	NW	1	19.5	38	+3	12	-2	55	+23	0	—	—	0	0	23	8
176	MALAKÂL	1007.9	-2.8	N	3	26.3	37	+2	19	-1	48	-14	2	8	Cu	1	0	47	83
177	WÂU	1008.0	-1.8	NW	2	23.8	37	+2	21	+1	79	+4	2	—	—	0	0	157	131
178	JÛBA	1008.9	-1.7	SSE	2	26.0	36	+1	21	+1	76	0	4	8	Sc	2	dr.	109	103
179	Geneina	—	—	SE	3	15.9	35	—	10	—	18	—	2	8	Ci	0	0	14	—
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 07h.00m Dir.	Kms	Matruh 07h.00m Dir.	Kms	Cairo 08h.30m Dir.	Kms	Helwan 08h.15m Dir.	Kms	Asyut 07h.00m Dir.	Kms	Aswan 07h.00m Dir.	Kms	W. Halfa 06h.00m Dir.	Kms	Kareima 06h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 07h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Juba 07h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Salum 7th 13h00m Dir.	Kms
200	20	40	350	18	10	17	350	14	—	—	—	—	350	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340	47
[illegible]	0	58	10	20	60	26	50	20	0	13	30	20	10	39	10	47	350	43	—	—	—	—	10	11	—	—	—	—	10	46
[illegible]	10	25	20	23	60	33	80	16	340	11	30	10	10	39	50	40	350	27	50	24	10	42	10	31	100	18	0	47	30	18
[illegible]	Ent. Cb.		50	20	60	16	20	10	330	15	220	11	0	19	60	24	340	11	30	27	20	16	20	34	150	43	70	64	40	23
2000					tail		120	9	350	28	240	11	340	5	130	6	210	19	40	23	180	11	30	24	160	43	60	37	50	11
3000							140	23					210	24	10	5	120	14			210	16	60	19	170	32	140	11	Ent. Cu.	
4000							90	18					230	27							180	13	110	18						
5000							0	29					250	31																
6000							330	51																						
7000							310	57																						

Forecast for 24 hours from noon on 8th

Moderate northeasterly winds, fresh at times.
Occasional cloud.
Light scattered showers.
Little change in temperature.

تنبؤات الطقس المنتظر في ٢٤ ساعة من ظهر يوم ٨

رياح معتدلة شمالية شرقية تشتد نوعا أحيانا
يظهر السحاب أحيانا
وتمطر خفيفا في انحاء متفرقة
ولا تتغير درجة الحرارة إلا قليلا

Mean of day

Station	Humidity 7th	Diff. from normal	Wet bulb temp. 7th	Diff. from normal
Alexandria	82	+16	21.8	+4.8
Ezbekiya	77	+10	19.8	+2.6
[illegible]	68	-2	18.9	+2.0
[illegible]	49	-6	17.2	+2.3

[illegible] minimum on 8th 14.5 °C

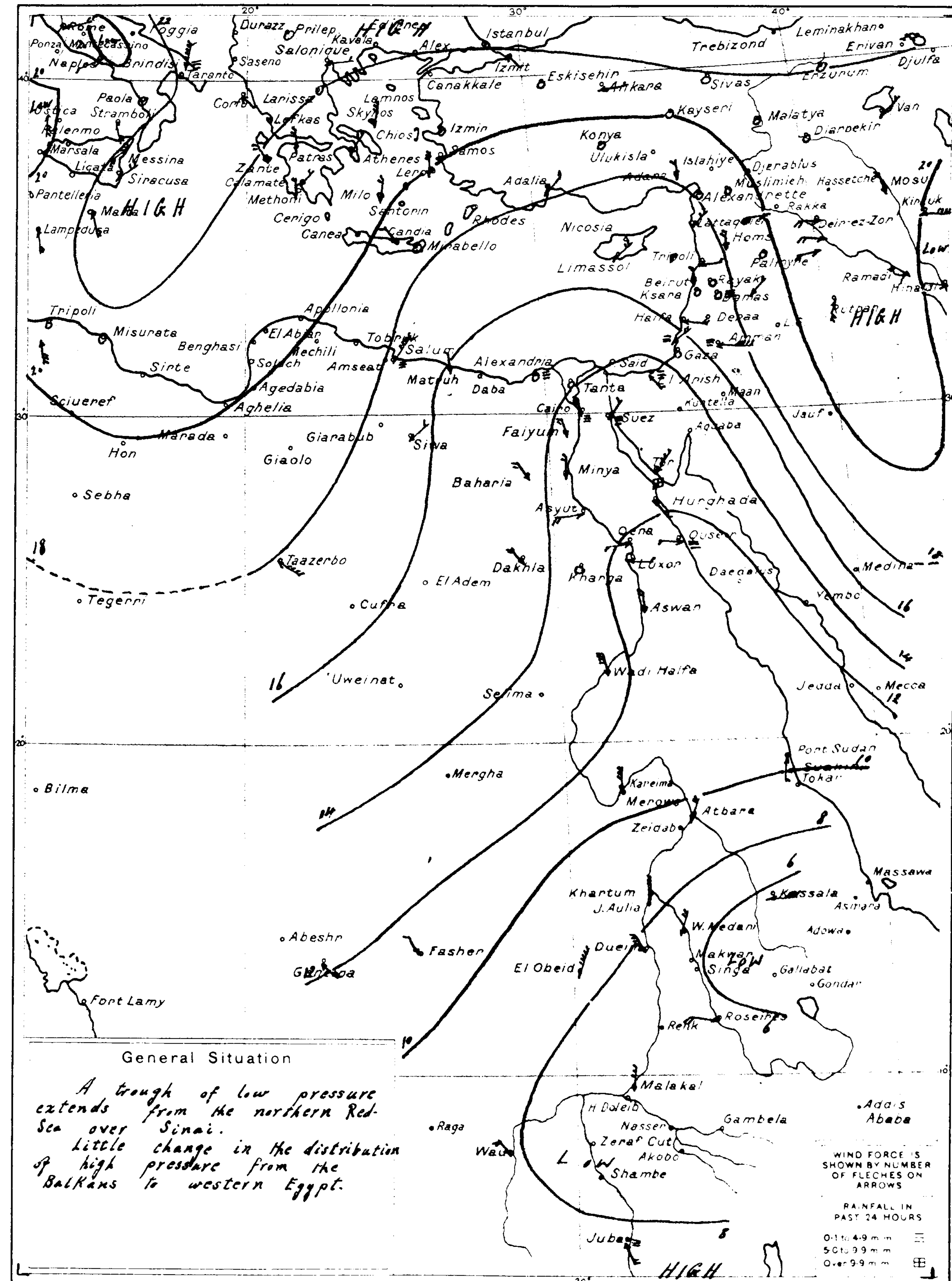
Discharges at Aswan measured by sluices in m³ per sec.

Date	1937	1936
8-11	1159	1620
7-11	1156	1692

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	7-11	13.86	+0.17	13.86	+0.17
Nasser	7-11	10.58	+0.02	10.59	+0.02
Malakal	8-11	12.43	+0.10	12.43	+0.10
Roseires	7-11	14.54	0.00	14.56	-0.04
Sennâr Res	7-11	18.54	—	18.43	—
Khartûm	7-11	12.15	-0.47	12.16	-0.50
Khashm el Girba					
Atbara	7-11	11.40	-0.47	11.45	-0.46
Kajnarti	7-11	136.00	-0.94	136.08	-1.00
Wadi Halfa	8-11	3.97	-0.44	4.02	-0.48
Aswan Res	8-11	115.50	—	115.14	—
D.S	8-11	86.44	-1.49	86.46	-1.61
El Leis	8-11	19.17	-2.17	19.34	-2.10
Roda (Cairo)	8-11	16.00	-1.61	16.11	-1.57

Printed by the Survey of Egypt 1936 [illegible]

Pressure and Wind at 8h. 8-11-37 (٣٧-١١-٨)



General Situation

A trough of low pressure extends from the northern Red-Sea over Sinai.
Little change in the distribution of high pressure from the Balkans to western Egypt.

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	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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	مرصد
Limassol	1015	-1	NE	3	25	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1015.5	+0.1	E	3	25.3	29	+2	18	+3	76	+15	9	—	—	—	0	124	35	حيفا
Gaza	1014.7	-1.0	SE	1	24.2	31	+5	19	+4	66	-5	4	4	—	2	0	6.0	15	غزة
Salum	1017.6	-0.6	NNW	5	19.2	25	—	17	—	84	—	1	6	Cu	2	dr.	4	—	السلوم
Matruh	1015.0	-2.5	N	2	22.2	28	+4	17	+2	79	+3	3	6	Sc	2	22	24	24	مطروح
Faiyum	1011.8	-5.3	NE	1	24.0	34	+6	17	+3	72	-3	2	6	Cu	1	0	dr.	0	الفيوم

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. 16 m.
sunset 17 h. 02 m.

Month *November*, 1937 ١٩٣٧ شهر نوفمبر

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

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.	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.	Rainfall Total fr. Oct. 1 to yesterday m.	Rainfall Normal fr. Oct. 1 to yesterday m.
	MEDITERRANEAN	SALÛM	1015.8	NNE	6	21.7	83	3	7	1018.6	+0.3	NE	4	22.4	23	—	20	—	86	—	3	6	Cb	2	dr.	4	—
[illegible]31		MATRÛH	1014.7	N	2	24.2	83	3	6	1015.9	-1.8	NNE	2	22.8	25	+1	22	+7	81	+5	3	6	Cu	2	0	24	25
150		DIKHEILA	1014.3	N	3	24.0	75	2	7	1014.8	—	NNE	2	24.0	25	—	18	—	75	—	2	8	Ac	1	4	18	—
132		ALEXANDRIA	1013.8	NNE	4	24.2	70	3	9	1014.7	-3.1	NE	2	26.2	30	+4	21	+4	66	-4	2	8	Cu	2	dr.	29	15
159		DAMIETTA								1013.5	—	NE	3	24.1	28	—	21	—	73	—	1	8	Cu	1	0	43	12
134		PORT SAÏD	1012.8	NE	2	26.0	69	0	8	1013.6	-2.4	NE	3	25.2	27	+1	24	+6	67	-4	0	8	—	0	0	18	6
135		EL 'ARÎSH	1011.6	NNW	1	24.2	76	0	7	1013.3	—	ESE	1	22.0	29	—	17	—	72	—	0	7	—	0	0	38	6
136	LOWER EGYPT	DAMANHÛR								1014.6	-3.5	NNW	1	21.2	28	+1	19	+5	80	-8	1	8	Cu	0	0	43	8
137		MANSÛRA								1013.4	—	NNE	1	21.8	28	0	19	+4	80	0	0	8	—	0	0	67	3
[illegible]		[illegible]A	1012.4	NE	2	29.0	52	3	6	1014.4	-3.8	NNE	2	20.5	29	+2	17	+3	77	-5	0	6	—	0	0	40	2
[illegible]		[illegible]ZÎG	1012.2	NNE	2	26.2	60	2	8	1014.0	—	NNW	1	22.3	26	-1	17	+3	82	0	0	8	—	0	0	27	1
	MIDDLE EGYPT (CAIRO)	[illegible]LMÂZA	1012.2	NE	2	27.6	40	2	8	1014.0	—	NE	1	20.6	28	—	14	—	83	—	1	7	Sc	4	0	32	—
		EZBEKÎYA	1011.5	NNE	2	28.5	45	0	9	1013.5	-3.9	NNE	1	20.0	29	+3	18	+4	95	+15	0	4	—	4	0	14	3
		GÎZA	1011.0	NE	2	27.6	43	2	9	1013.4	-4.1	NNW	1	18.4	28	+1	16	+3	94	+9	4	3	St	4	0	54	3
143		HELWÂN	1010.2	SE	1	28.4	37	1	8	1012.8	-4.7	—	0	19.6	29	+3	17	+2	90	+20	1	5	Cu	0	0	24	2
144		SUEZ	1011.5	SSW	1	26.8	57	0	8	1013.4	-2.8	SSE	2	20.6	29	+2	18	+1	77	0	0	7	—	0	0	15	5
153	UPPER EGYPT	FAIYÛM	1012.4	N	1	28.3	40	0	8	1013.1	-4.1	NNE	2	21.5	31	+3	17	+3	79	+4	0	7	—	0	0	dr.	0
154		MINYA	1010.8	N	2	27.0	43	1	8	1012.4	-5.2	NNE	3	20.5	28	+2	18	+4	80	+3	1	9	Cu	1	0	dr.	—
155		ASYÛT	1011.0	WSW	3	27.2	42	0	8	1012.6	-4.2	NW	3	19.0	28	+1	15	+1	83	+13	0	7	—	0	0	0	1
156		QENA	1009.9	NW	2	29.8	34	0	8	1012.0	-3.8	W	1	22.0	31	0	16	+2	58	0	0	8	—	0	0	0	—
157		LUXOR	1010.2	SSE	2	33.1	35	0	8	1011.4	—	NNE	2	23.0	34	—	14	—	58	—	0	8	—	0	0	dr.	—
158		ASWÂN	1007.0	—	0	33.6	31	1	8	1011.0	-4.2	N	1	21.4	35	+3	18	+1	48	+1	0	8	—	0	0	dr.	—
148	WESTERN DESERT	SÎWA	1015.2	NNW	1	27	76	2	6	1017.4	-0.6	—	0	19.3	29	+2	16	+4	91	+26	4	6	Cc	2	dr.	dr.	1
149		BAHARÎYA	1013.4	NW	2	26.2	41	2	9	1015.1	—	NNW	2	19.5	27	—	16	—	89	—	1	9	—	1	0	0	—
151		KHÂRGA	1010.4	N	1	29.3	35	0	9	1012.8	-3.5	NE	1	19.6	29	-1	15	+1	70	+11	0	9	—	0	0	0	dr.
152		DÂKHLA																									—
145	RED SEA	TÔR	1010.2	NW	1	29.1	53	0	6	1011.2	-4.4	NE	2	22.1	30	+3	18	+3	82	+17	0	6	—	0	0	10	1
146		HURGHÂDA								1011.2	-4.7	NW	3	25.0	29	+1	20	+4	70	+17	2	7	Cu	1	0	dr.	dr.
147		QUSEIR	1010.3	NE	2	27.2	70	3	7	1011.0	-4.3	N	3	26.7	28	-1	22	+2	73	+26	1	7	Cs	1	0	dr.	1 +
169		PORT SUDAN																									24
165	NORTH SUDAN	WÂDI HALFA								1013.2	-2.1	NNE	3	19.7	32	0	15	-1	43	+2	0	8	—	0	—	—	—
166		KAREIMA								1010.7	-2.3	NNE	1	23.8	37	+1	19	0	33	+1	0	8	—	0	0	dr.	1
167		'ATBARA																									1
168		KHARTÛM								1008.3	-2.3	NW	3	27.2	40	+3	22	+1	31	-2	0	8	—	0	0	2	5
170		KASSALA								1005.5	-4.5	ESE	1	28.8	39	+1	21	-1	46	-1	3	6	Ci, Ac	1	0	dr.	11
171	CENTRAL SUDAN	WAD MEDANI																									12
173		DUEIM																									12
		RENK														—		—		—							
172		ROSEIRES																									33
174		EL OBEID								1010.0	-2.2	N	3	22.0	37	+2	17	0	36	0	4	8	Ci	1	0	8	19
175		EL FÂSHER								—	—	N	1	21.0	37	+2	13	-1	57	+25	0	—	—	0	0	23	8
176	S. SUDAN	MALAKÂL								1008.7	-2.1	WNW	2	24.4	37	+2	19	-1	67	+6	4	8	Ac, As	0	47	83	83
177		WÂU																									132
178		JÛBA								1010.3	-0.2	S	4	24.8	37	+2	21	+1	76	0	4	7	Cu, Sc	5	dr.	109	104
179		Geneina																									—
180		Gallabat																									

Upper Wind Observations on 9th — ارصاد الرياح العليا (R.A.F.) يوم ٩

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

Height metres above M.S.L.	Salum 07h.30m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Cairo 08h.45m. 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 05h.00m. Dir.	Kms	Kassala 06h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Abukir 07h.00m. Dir.	Kms	Salum 8th 13h.00m. Dir.	Kms	Almaza 8th 11h.45m. Dir.	Kms
200	20	30	30	18	40	28	10	14	—	—	—	—	0	23	—	—	—	—	—	—	—	—	—	—	40	24	0	44	60	21
500	30	27	30	20	50	39	40	18	350	11	10	42	10	37	10	43	350	42	—	—	—	—	310	14	50	23	26	31	60	23
1000	Ent.	Cb	40	18	50	37	50	34	20	19	10	8	10	37	10	37	0	40	50	14	20	48	350	16	40	29	30	6	90	14
1500			50	23	50	28	50	18	60	15	180	11	20	5	34	19	350	19	30	19	30	21	350	23	50	35	Ent.	Cb	50	13
2000							50	14	70	12	160	19	230	14	170	6	270	8	30	21	170	14	10	27	60	37			30	15
3000													240	26	230	19			40	13	220	24	50	21	50	40				
4000													250	35	260	24							110	16	40	2				
5000													240	50											30	26				
6000													250	40											340	18				
																									tail					

Forecast for 24 hours from noon on 9th

Moderate to fresh northeasterly winds.
Some low cloud.
Further light scattered showers.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٩

رياح شمالية شرقية بين المعتدلة والشديدة نوعا
يظهر بعض السحاب المنخفض
يتساقط مطر خفيف آخر في جهات متفرقة
ولا تغير درجة الحرارة إلا قليلا

Mean of day

STATION	Humidity % on 8th	Diff. from Normal	Wet bulb temp. °C on 8th	Diff. from Normal
Alexandria	74	+8	20.2	+3.3
Ezbekiya	81	+14	19.9	+2.7
Giza	74	+3	18.7	+1.9
Helwan	66	+11	18.1	+3.3

[illegible] minimum on 9th 14.1 °C

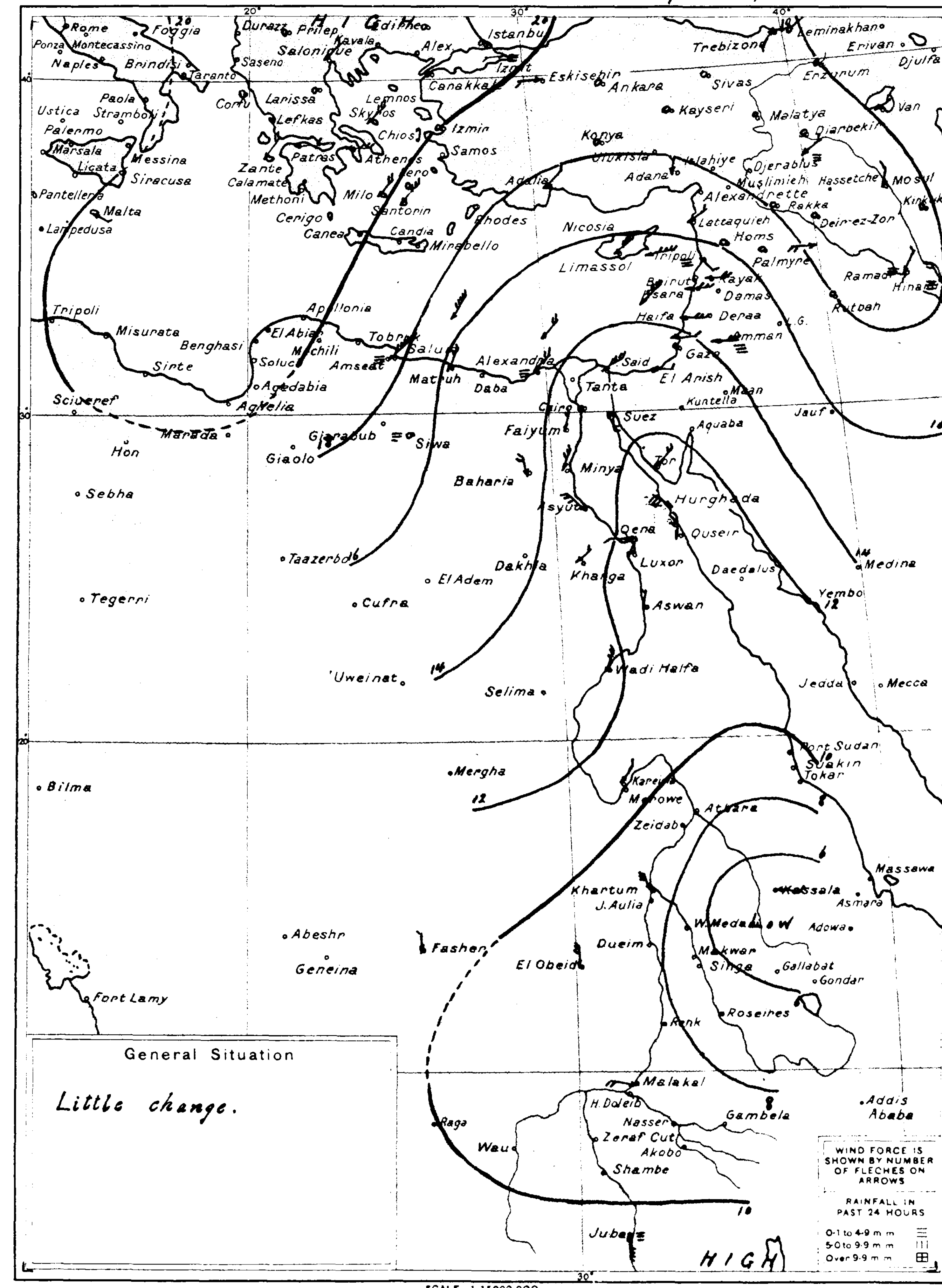
Discharges at Aswan measured by sluices m³ per sec

DATE	1937	1936
9-11	1157	2026
8-11	1159	1620

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	8-11	13.82	+0.14	13.86	+0.17
Nâsser	8-11	10.58	+0.02	10.58	+0.02
Malakâl	9-11	12.43	+0.11	12.43	+0.10
Roseires	9-11	14.50	+0.07	14.53	+0.06
Sennâr Res.	7-11	18.54	—	18.43	—
Khartûm	8-11	12.14	-0.44	12.15	-0.47
Khashm el Girba					
'Atbara	8-11	11.40	-0.42	11.40	-0.47
Kajnarti	8-11	135.91	-0.94	136.00	-0.94
Wâdi Halfa *					
Aswân Res.	9-11	115.86	—	115.50	—
D.S.	9-11	86.44	-1.38	86.44	-1.49
El Leisi	9-11	19.02	-2.24	19.17	-2.17
Roda (Cairo)	9-11	16.06	-1.49	16.00	-1.61

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

٣٧-١١-٩ Pressure and Wind at 8h. 9-11-37



General Situation

Little change.

At 8h. on 8th — الساعة ٨ يوم ٨

STATION	Bar. Pressure Reduced to M.S.L. mb	Diff. from Normal mb	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	1016	0	NE	2	24	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1016.2	+0.7	ESE	2	21.6	28	+1	16	+1	65	+4	0	—	—	—	0	124	38	حيفا
Gaza	1013.9	-1.8	—	0	20.7	27	+1	17	+2	76	+5	0	9	—	0	0	60	16	غزه
Port Said	1013.5	-2.4	NE	4	25.2	26	0	22	+4	57	-14	0	8	—	1	dr.	18	6	بورسعيد
Hurghada	1011.9	-3.9	—	0	27.2	30	+2	21	+5	70	+17	2	7	Cc	2	dr.	dr.	dr.	الغردقة
Ship	33331	26906	01501	16870	63884	77100													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

** Wadi Halfa gauge readings will be affected by Aswan Reservoir back-water. They will therefore not be published from 9-11-37.*

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

CAIRO

Time of sunrise 06 16 h. m.
sunset 17 01

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

DAILY WEATHER REPORT

Month *November* 1937 ١٩٣٧ شهر نوفمبر

٣٧-١١-١٠ Pressure and Wind at 8 h. *10 - 11 - 37*

At 14 h. on *9th* ٩ يوم الساعة ١٤

At 8 h. on *Wednesday 10th* ١٠ الأربعاء يوم الساعة ٨

	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	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 from Oct. 1 to yesterday m.m.	Rainfall Normal from Oct. 1 to yesterday m.m.
[redacted]	[redacted]ŪM	1018.0	NNE	4	22.0	74	2	7	1019.4	+1.1	NW	2	17.5	22	—	17	—	85	—	3	7	Cu	2	0	4	—
[redacted]	[redacted]TRŪH	1014.7	N	3	23.4	73	2	6	1015.8	-1.9	ENE	2	21.9	24	0	21	+6	70	-6	2	6	Cu	1	0	24	26
[redacted]	[redacted]HEILA	1014.0	NE	2	24.4	72	2	8	1015.1	—	ENE	2	23.3	25	—	20	—	67	—	2	8	Cu	1	0	18	—
[redacted]	ALEXANDRIA	1013.1	NE	4	28.6	58	2	9	1015.0	-2.8	NE	2	26.2	30	+5	21	+4	57	-13	2	8	Cu	2	0	29	16
159	DAMIETTA								1013.6	—	NE	1	23.7	28	—	18	—	78	—	0	6	—	1	0	43	12
134	PORT SAÏD	1012.7	NE	4	26.2	60	0	8	1014.2	-1.8	NE	2	25.4	28	+3	22	+4	67	-4	0	8	—	0	0	18	6
135	EL 'ARÎSH								1013.6	—	ESE	1	23.0	27	—	17	—	74	—	0	7	—	0	0	38	6
136	DAMANHŪR								1015.0	-3.1	NNE	1	19.1	27	0	16	+2	90	+2	1	6	Cu	0	0	43	9
[redacted]	[redacted]NHŪRA								1014.2	—	E	1	21.3	27	0	18	+3	76	-4	0	8	—	0	0	67	3
[redacted]	[redacted]	1012.2	NNE	3	27.5	47	3	6	1015.2	-3.0	—	0	20.0	28	+1	14	0	80	-2	0	6	—	0	0	40	2
[redacted]	[redacted]G	1012.2	NNW	3	26.4	55	2	8	1015.0	—	NNW	1	22.8	26	-1	16	+2	75	-7	1	8	Cs	1	0	27	1
	MIDDLE EGYPT — CAIRO: ALMÂZA	1012.3	N	3	27.2	41	3	8	1014.6	—	E	1	20.2	28	—	14	—	81	—	1	7	Sc	1	0	32	—
	EZBEKÎYA	1011.0	N	2	28.8	50	1	9	1014.0	-3.5	NNE	2	20.0	30	+4	17	+3	93	+13	0	6	—	1	0	14	3
	GÎZA	1010.7	NNE	2	28.6	49	2	9	1014.2	-3.4	NW	1	18.7	29	+3	14	+1	93	+8	8	4	Sc	1	0	54	3
143	HELWÂN	1010.4	NNE	4	27.2	37	2	8	1014.0	-3.6	W	3	20.4	28	+2	17	+2	80	+10	1	5	Cu	0	0	24	2
144	SUEZ	1011.4	N	4	26.3	50	0	8	1013.6	-2.6	NNW	2	21.0	27	0	19	+2	81	+4	0	7	—	0	0	15	5
153	UPPER EGYPT: FAIYŪM	1010.2	—	0	28.2	39	1	8	1013.5	-3.8	NNE	3	21.7	29	+1	17	+3	75	0	0	7	—	0	0	dr.	0
154	MINYA	1009.6	N	2	27.5	41	0	8	1012.7	-4.9	N	3	20.2	28	+2	18	+4	80	+3	0	7	—	0	0	dr.	—
155	ASYŪT	1009.4	NNW	3	28.5	45	1	8	1012.2	-4.7	WSW	3	19.5	31	+4	15	+2	72	+1	0	8	—	0	0	0	1
156	QENA	1008.7	WSW	2	29.8	41	1	8	1011.9	-4.0	W	1	21.3	30	-1	16	+2	56	-2	4	7	As	2	0	0	—
157	LUXOR	1008.6	WSW	3	30.8	37	1	8	1011.5	—	ENE	1	22.2	34	—	15	—	60	—	3	8	Cu	2	0	dr.	—
158	ASWÂN	1006.7	—	0	31.8	27	0	8	1011.5	-3.8	—	0	23.0	33	+1	19	+2	53	+6	3	8	Cu	2	0	dr.	—
148	WESTERN DESERT: SÎWA	1014.2	NNE	1	26.4	73	1	6	1016.2	-1.8	—	0	19.9	29	+2	16	+4	91	+26	0	6	—	0	0	dr.	1
149	BAHARÎYA	1012.0	NE	2	27.1	44	2	9	1015.4	—	N	2	18.8	28	—	16	—	90	—	1	9	—	1	0	0	—
151	KHÂRGA	1009.6	N	1	27.2	44	0	9	1012.4	-4.0	—	0	19.8	28	-2	15	+1	69	+9	0	9	—	0	0	0	dr.
152	DÂKHLA	1011.1	NNW	2	26.9	41	2	7	1013.6	-4.0	NNW	2	20.0	27	-3	16	+3	59	+10	0	7	—	0	0	0	—
145	RED SEA: TÛR	1009.3	NW	3	27.0	69	0	6	1012.0	-3.7	NE	2	21.5	28	+2	18	+3	71	+6	0	6	—	0	0	10	2
146	HURGHÂDA																									dr.
147	QUSEIR	1009.8	NNE	3	27.1	77	2	7	1011.6	-3.8	N	2	25.6	28	0	23	+3	75	+28	3	7	Ac	2	0	dr.	1
169	PORT SUDAN								1010.6	-2.7	W	1	30.6	33	+2	26	+2	71	+4	3	—	—	0	0	27	25
165	NORTH SUDAN: WÂDI HALFA								1013.7	-1.7	—	0	21.0	30	-2	16	+1	45	+4	2	7	Ac	1	—	—	—
166	KAREIMA								1012.7	-0.4	NW	1	20.8	34	-2	16	-3	34	+2	0	8	—	0	0	dr.	1
167	'ATBARA								1010.3	-1.5	NNW	2	27.4	37	+1	21	+1	30	+1	0	—	—	0	0	1	1
168	KHARTŪM								1010.4	-0.3	NNW	4	26.0	38	+1	21	0	30	-3	0	8	—	0	0	2	5
170	KASSALA								1007.6	-2.4	NE	1	29.2	40	+2	20	-2	46	-2	0	6	—	0	0	dr.	11
171	CENTRAL SUDAN: WAD MEDANI								1009.9	-0.5	N	3	26.0	37	-1	16	-5	24	-9	0	—	—	0	0	1	12
173	DUEIM								1009.9	-0.7	NW	3	26.2	38	+1	21	+1	32	-5	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1008.7	-1.3	NNW	2	27.2	36	-1	20	+2	24	-31	0	—	—	0	0	8	33
174	EL OBEID								1010.7	-1.5	N	4	22.2	35	0	17	0	36	0	1	8	Cu	0	0	8	19
175	EL FÂSHER								—	—	N	1	21.0	36	+1	14	0	57	+25	0	—	—	0	9	32	8
176	S. SUDAN: MALAKÂL								1010.2	-0.6	SSE	2	25.7	35	0	18	-2	55	-5	2	8	Ac	1	0	47	84
177	WÂU								1009.1	-0.8	SW	1	23.0	36	+1	20	0	71	-3	3	—	—	0	0	157	133
178	JÛBA								1012.0	+1.5	SSW	4	23.3	34	-2	20	0	91	+16	4	8	Cu, Sc	8	10	119	105
179	*Geneina*																									—
180	*Gallabat*																									

Upper Wind Observations on *10th* ١٠ ارصاد الرياح العليا يوم

Height metres above M.S.L.	Salum 07h 45m Dir. E of N.	Kms. per hour	Matruh 07h 00m Dir. E of N.	Kms. per hour	Cairo 08h 45m Dir. E of N.	Kms. per hour	Helwan 08h 30m Dir. E of N.	Kms. per hour	Aswan 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 05h 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	Malakal 06h 00m Dir. E of N.	Kms. per hour	Juba 07h 00m Dir. E of N.	Kms. per hour	Salum 9th 13h 00m Dir. E of N.	Kms. per hour	Almaza 9th 11h 30m Dir. E of N.	Kms. per hour
[redacted]	340	19	40	22	40	22	20	4	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	20	28	50	21
[redacted]	50	8	30	23	50	19	40	17	130	24	340	16	0	17	0	29	350	43	—	—	—	—	90	8	—	—	40	25	30	23
[redacted]	40	11	40	22	60	19	70	17	150	18	200	5	340	24	330	14	340	31	0	32	10	40	330	8	220	21	30	13	50	31
1500	Ext. Cu.		Ext. Cu.		100	9	100	7	140	24	140	28	320	24	220	11	200	24	20	32	350	10	30	18	180	14	Ext. Cu.		40	27
2000					110	12	120	12	140	19	180	10	210	19	270	10	260	24	20	23	290	11	30	24	130	18			40	18
3000					100	8	80	7					210	35	220	19	230	37					70	27	180	34			50	26
4000							160	13					210	40																
5000							170	13																						
6000							150	10																						
7000							160	19																						

Forecast for 24 hours from noon on *10th*

Moderate northeasterly winds.
Occasional low cloud.
Little change in temperature.

١٠ تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم

رياح شمالية شرقية معتدلة
يظهر بعض السحب المنخفضة أحيانا
وليس هناك تغيير يذكر في درجة الحرارة

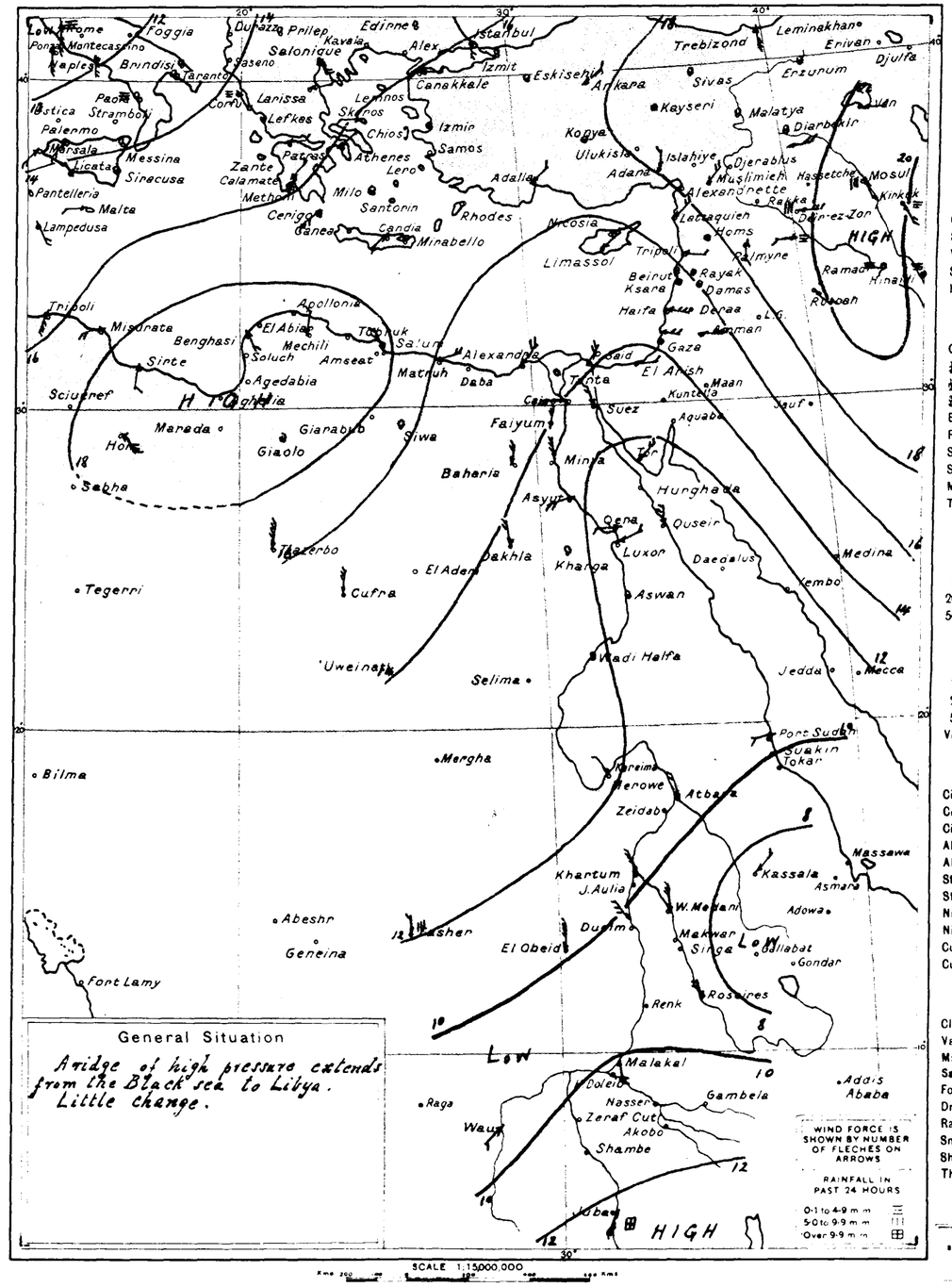
STATION	Mean of day Humidity on 9th	Diff. from normal	Wet Bulb Temp. on 9th	Diff. from normal
Alexandria	68	+2	21.5	+4.8
Ezbekiya	81	+14	20.1	+3.0
Giza	77	+6	19.2	+2.5
Helwan	73	+18	18.2	+3.4

Giza Grass minimum on *10th* 12.4 °C

Discharges at Aswân measured by sluices m^3 per sec

DATE	1937	1936
10-11	1155	2319
9-11	1157	2026

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	10-11	13.80	+0.12	13.82	+0.14
Nâsser	9-11	10.57	+0.02	10.58	+0.02
Malakâl	10-11	12.42	+0.10	12.43	+0.11
Roseires	10-11	14.47	+0.10	14.50	+0.07
Sennâr Res.	9-11	18.69	—	18.63	—
Khartûm	10-11	12.13	-0.37	12.12	-0.41
Kh. el Girba					
Atbara	10-11	11.38	-0.36	11.38	-0.41
Kajnarti	9-11	135.88	-0.95	135.91	-0.94
Wâdi Halfa					
Aswân Res.	10-11	116.20	—	115.86	—
D. S.	10-11	86.42	-1.27	86.44	-1.38
El Leisi	10-11	18.93	-2.26	19.02	-2.24
Roda (Cairo)	10-11	15.97	-1.52	16.06	-1.49



General Situation

A ridge of high pressure extends from the Black sea to Libya. 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.

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

STATION	At 8 h. on 9th 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 from Oct. 1 to yesterday m.m.	Rainfall Normal from Oct. 1 to yesterday m.m.	٩ يوم الساعة ٨ — مرصد
Limassol	1015	-1	NE	4	23	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.7	-0.8	ESE	3	23.5	31	+5	17	+2	59	-2	0	—	—	—	0	124	41	حيفا
Gaza	1013.1	-2.7	—	0	18.9	29	+3	14	0	73	+2	2	6	—	1	0	60	17	غزة
Dakhla	1013.9	-3.6	NW	2	19.2	28	-2	16	+3	65	+16	0	7	—	0	0	0	—	الداخلة

Remarks

Malakal rainfall for past 24 hours on 9th instant is 0 instead of 47 mm and the total for the same day is 47 instead of 83 mm

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

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 17
sunset 17 01

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

DAILY WEATHER REPORT

Month *November* 1937 ١٩٣٧ شهر نوفمبر — ٣٧-١١-١١

Pressure and Wind at 8 h. *11-11-37*

	Station	14h on 10th: 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 11th: 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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
	ALÛM	1017.4	NE	4	21.5	70	2	8	1019.5	+1.2	SE	2	19.0	23	—	14	—	81	—	0	7	—	1	0	4	
	ATRÛH	1015.4	NNE	2	23.2	70	2	6	1017.5	-0.2	NNE	2	21.6	24	0	20	+5	72	-4	3	6	Cu	2	0	24	26
	KHEILA	1014.6	NNE	2	24.0	76	2	8	1016.8	—	NE	2	23.4	24	—	20	—	73	—	2	8	Cu	1	1	19	
	ALEXANDRIA	1013.5	NE	4	27.2	63	2	9	1016.7	-1.1	NE	4	24.3	28	+3	21	+4	70	0	2	8	Cu	2	1	30	17
159	DAMIETTA								1014.7	—	N	2	24.7	28	—	21	—	72	—	0	8	—	1	0	43	13
134	PORT SAÏD	1013.0	NE	2	27.0	63	0	8	1014.7	-1.3	NE	2	26.1	28	+3	23	+5	76	+5	0	8	—	1	0	18	7
135	EL 'ARÎSH								1014.6	—	ESE	1	24.0	28	—	20	—	75	—	2	7	Cu	1	0	38	6
136	DAMANHÛR								1016.3	-1.8	N	1	21.2	29	+2	17	+3	87	-1	1	7	Cu	1	0	43	9
137	MANSÛRA								1014.8	—	N	1	21.8	29	+2	18	+3	84	+4	1	7	Cs	1	0	67	4
	TANTA	1012.4	—	0	27.0	52	3	6	1015.6	-2.6	—	0	21.0	29	+2	17	+3	82	0	0	6	—	0	0	40	2
	AGÂZÎG	1012.6	NNW	2	26.9	52	2	8	1015.5	—	NNW	2	22.4	27	0	17	+3	86	+4	1	8	Cs	1	0	27	1
	CAIRO ALMÂZA	1013.0	ENE	3	27.6	42	3	8	1015.4	—	NNE	1	19.8	28	—	15	—	86	—	3	5	Sc	2	0	32	—
	CAIRO EZBEKÎYA	1011.9	NNE	1	28.9	50	1	9	1015.1	-2.4	NNE	3	20.0	30	+4	18	+4	95	+15	2	5	Sc	1	0	14	3
	CAIRO GÎZA	1011.6	N	2	28.7	50	2	9	1014.8	-2.9	NNW	2	19.7	29	+3	17	+4	90	+4	8	4	Sc	2	0	54	3
143	HELWÂN	1011.1	N	4	27.0	43	1	8	1014.4	-3.2	NNW	1	21.2	28	+2	19	+4	87	+17	3	7	Cu	2	0	24	2
144	SUEZ	1012.0	NNW	2	26.7	53	0	8	1014.6	-1.7	NNW	3	22.9	28	+1	20	+3	83	+6	0	6	—	1	0	15	5
153	FAIYÛM																									0
154	MINYA	1010.4	NNW	3	28.0	43	0	6	1013.9	-3.8	N	3	20.5	28	+2	18	+4	86	+8	2	7	Cu	2	0	dr.	—
155	ASYÛT	1010.2	NE	3	28.6	48	0	8	1014.3	-2.7	WSW	4	19.0	31	+4	17	+4	81	+10	0	7	—	0	0	0	1
156	QENA	1009.5	WSW	1	31.8	49	1	8	1013.4	-2.6	W	2	23.3	34	+3	19	+5	53	-5	0	7	—	0	0	0	—
157	LUXOR	1008.8	WSW	3	31.4	55	1	8	1012.7	—	NNW	1	24.1	33	—	17	—	57	—	0	8	—	0	0	dr.	—
158	ASWÂN	1007.8	—	0	33.5	33	1	8	1014.3	-1.1	—	0	23.0	35	+3	19	+2	52	+5	0	8	—	0	0	dr.	—
148	SÎWA	1014.6	NNE	1	26.7	72	1	6	1019.2	+1.1	—	0	18.9	28	+1	14	+3	81	+16	0	6	—	0	0	dr.	1
149	BAHARÎYA	1013.4	N	2	27.0	41	0	9	1016.7		NNW	2	19.0	27	—	17	—	91	—	4	9	—	2	0	0	
151	KHÂRGA	1009.9	N	1	29.6	39	0	9	1015.0	-1.5	—	0	20.4	30	0	15	+1	63	+3	0	9	—	0	0	0	dr.
152	DÂKHLA	1011.8	NNW	3	27.0	38	0	8	1016.7	-0.9	WSW	2	19.9	28	-2	16	+3	56	+7	0	8	—	0	0	0	—
145	TÔR	1013.0	NW	2	27.5	63	0	6	1013.0	-2.8	N	2	23.5	28	+2	20	+5	75	+10	0	6	—	0	0	10	2
146	HURGHÂDA								1013.8	-2.2	NW	3	25.7	28	0	22	+6	73	+20	1	7	St	1	tr.	tr.	dr.
147	QUSEIR	1011.1	NNE	3	26.1	82	4	6	1012.6	-2.9	W	1	26.6	28	0	23	+3	72	+25	1	7	Cu	0	4	4	2
169	PORT SUDAN								1012.2	-1.2	SE	1	30.0	34	+3	26	+2	73	+6	1	—	—	0	0	27	27
165	WADI HALFA								1016.1	+0.6	NW	2	20.4	30	-2	16	+1	44	+2	0	8	—	0	—	—	
166	KAREIMA								1014.4	+1.2	N	1	23.0	34	-2	18	-1	38	+6	0	8	—	0	0	dr.	1
167	'ATBARA								1012.4	+0.5	N	3	26.0	36	0	20	0	29	0	0	—	—	0	0	1	1
168	KHARTÛM								1012.3	+1.4	N	5	26.1	37	0	21	0	30	-3	0	7	—	0	0	2	5
170	KASSALA								1009.4	-0.6	NE	2	28.6	39	+1	22	0	29	-19	0	8	—	0	0	dr.	11
171	WAD MEDANI								1010.8	+0.3	NE	3	26.9	36	-2	16	-5	20	-13	1	—	—	0	0	1	12
173	DUEIM								1011.5	+0.9	N	4	26.4	37	0	22	+2	31	-6	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1009.5	-0.5	NW	2	27.3	38	+1	19	+1	30	-24	0	—	—	0	0	8	33
174	EL OBEID								1011.7	-0.6	N	3	23.0	35	+1	17	0	38	+3	2	8	Cs	0	0	8	19
175	EL FÂSHER								—	—	NNE	1	22.0	36	+2	12	-2	58	+26	0	—	—	0	0	32	8
176	MALAKÂL								1011.8	+1.0	NNE	1	24.4	36	+1	18	-1	67	+8	3	8	Ac	2	0	47	84
177	WÂU								1009.3	-0.6	SW	1	25.8	—	—	—	—	70	-4	2	—	—	1	—	157	133
178	JÛBA								1014.3	+3.8	SE	3	23.0	35	-1	21	+1	91	+16	9	7	Cb	9	21	140	107
179	Geneina								—	—	NNE	2	18.7	33	—	12	—	38	—	3	8	Cs	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 11th — ارصاد الرياح العليا يوم ١١

Height metres above M.S.L.	Salum 07h.30m Dir.	Kms per hour	Matruh 07h.00m Dir.	Kms	Cairo 08h.00m 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.40m Dir.	Kms	Khartum 05h.40m Dir.	Kms	Kassala 06h.00m Dir.	Kms	El Obeid 06h.00m Dir.	Kms	Malakal 06h.00m Dir.	Kms	Juba 07h.00m Dir.	Kms	Salum 10th 13h.30m Dir.	Kms	Almaza 10th 11h.00m Dir.	Kms
200	110	9	30	32	40	31	10	12	—	—	—	—	330	10	—	—	—	—	—	—	—	—	—	—	—	—	50	20	40	23
500	110	23	30	25	40	35	30	17	330	27	280	16	340	23	10	34	350	47	—	—	—	—	350	6	—	—	40	7	50	21
1000	60	13	Ent. Cu.		70	27	90	30	270	5	300	19	330	18	20	26	0	39	30	24	30	53	40	21	230	23	340	5	50	20
1500	320	20			80	26	70	22	180	14	240	4	320	18	290	8	0	35	40	19	30	34	30	35	130	26	340	8	110	6
2000	320	23			80	7	70	7	170	17	220	33	290	10	290	35	340	26	30	19	20	21	30	35	170	34	0	14	110	10
3000	230	10			350	17	150	19	220	17	190	18	250	24	290	39	260	26			110	18	60	37	160	14				
4000	190	12																					70	19						
5000	0	17																												
6000																														

Forecast for 24 hours from noon on 11th

Moderate to fresh northeasterly winds.
Some low cloud. Unsettled.
Scattered showers, possibly with thunder.
Little change in temperature.

تنبؤات الطقس المنتظرة لمدة ٢٤ ساعة من ظهر يوم ١١
رياح شمالية شرقية ما بين معتدلة و شديدة
تظهر بعض السحب المنخفضة و الطقس متقلب
ويسقط المطر في أماكن متفرقة مع احتمال أنه يكون مصحوبا برعد
ولا تغير درجة الحرارة إلا قليلا

Station	Mean of day: Humidity on 10th	Diff. from normal	Wet bulb temp. on 10th	Diff. from normal
Alexandria	69	+3	21.2	+4.6
Ezbekiya	79	+12	20.3	+3.3
Giza	77	+6	19.6	+3.0
Helwan	68	+13	18.7	+4.0

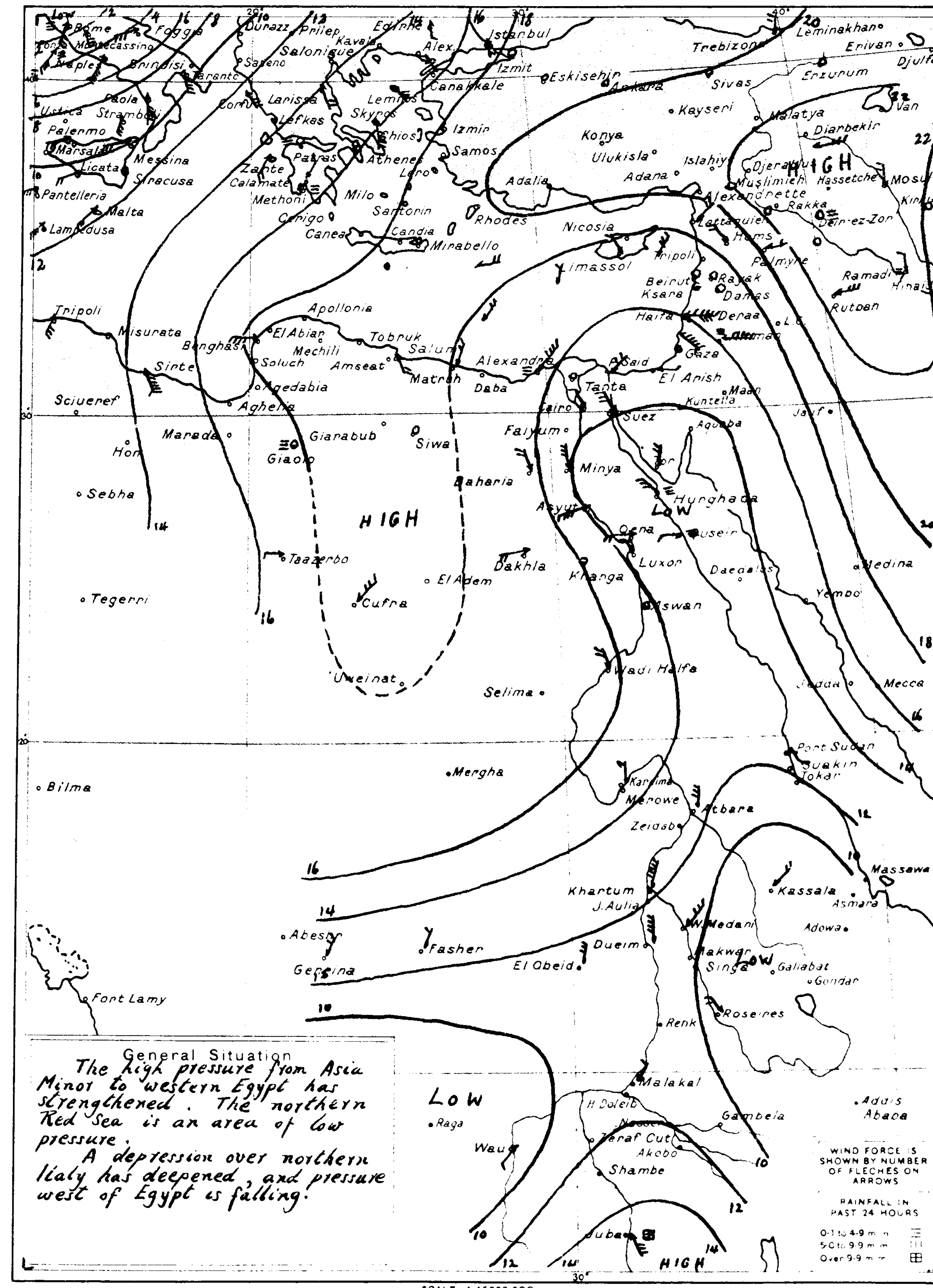
Grass minimum on 11th 14.9 °C

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

Date	1937	1936
11-11	1153	2601
10-11	1155	2319

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Jûba	11-11	13.85	+0.17	13.80	+0.12
Nâsser	10-11	10.55	+0.01	10.57	+0.02
Malakâl	11-11	12.42	+0.10	12.42	+0.10
Roseires	11-11	14.40	+0.09	14.47	+0.10
Sennâr Res.	9-11	18.69	—	18.63	—
Khartûm	11-11	12.13	-0.34	12.13	-0.37
Kh. el Girba					
Atbara	11-11	11.38	-0.33	11.38	-0.36
Kajnarti	10-11	135.70	-0.92	135.80	-0.95
Wâdi Halfa					
Aswan Res	11-11	116.51	—	116.20	—
D. S	11-11	86.40	-1.17	86.42	-1.27
El Leisi	11-11	18.85	-2.26	18.93	-2.26
Roda (Cairo)	11-11	15.95	-1.48	15.97	-1.52

Printed by the Survey of Egypt 1936 (367/530)



General Situation

The high pressure from Asia Minor to western Egypt has strengthened. The northern Red Sea is an area of low pressure.
A depression over northern Italy has deepened, and pressure west of Egypt is falling.

Station مرصد	At 8h on 10th: 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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	
Limassol	1016	-1	NE	3	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1016.6	+1.0	ESE	3	23.6	30	+4	18	+3	69	+8	0	—	—	—	0	124	44	حيفا
Gaza	1013.6	-2.2	—	0	19.0	29	+3	14	0	79	+8	0	9	—	0	0	60	18	غزة
Hurghada	1011.8	-4.1	NW	3	24.8	28	0	17	+1	61	+8	1	8	St	1	0	dr.	dr.	الغردقة

Ship 53344 24606 00002 20822 32003 50002 64302 600x0 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

Discharge at Aswan for Oct. 1st 1937 published on 12-10-1937 should read 1948 instead of 805.5 m.3 per sec.

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

CAIRO
Time of sunrise 06 h. 18 m.
sunset 17 h. 00 m.

Month *November* 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

			At 14h. on 11th (الساعة ١٤ يوم ١١)						At 8h. on Friday 12th (الساعة ٨ يوم الجمعة ١٢)																	
		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	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 1st Oct. 1 to yesterday m.m.	Normal 1st Oct. 1 to yesterday m.m.
	MEDITERRANEAN	SALÛM	1018.7	ENE	2	22.0	43	1	8	1019.5	+1.1	SW	5	19.1	23	—	16	—	64	—	2	5	Ci	1	0	4	—
		MATRÛH	1016.6	NNE	1	23.6	65	1	6	1018.6	+0.9	S	1	18.4	24	0	16	+1	82	+6	0	6	—	0	0	24	27
		DIKHEILA	1016.3	N	3	24.1	77	3	8	1018.0	—	N	3	23.1	24	—	21	—	84	—	3	7	Ac	1	0	19	—
		ALEXANDRIA	1015.5	NE	5	26.0	68	2	8	1017.2	-0.6	NNE	2	24.5	28	+3	20	+3	73	+3	2	8	Cu	2	7	37	18
159		DAMIETTA								1015.8	—	N	2	24.0	28	—	21	—	83	—	2	8	Cu	1	0	43	14
134		PORT SAÏD	1014.0	NE	3	28.0	66	0	8	1016.3	+0.1	NE	2	26.1	29	+4	23	+5	70	-2	0	8	—	1	0	18	7
135		EL ʿARÎSH	1012.6	NNE	2	26.0	79	1	7							—		—		—							7
136	LOWER EGYPT	DAMANHÛR								1017.5	-0.7	WNW	1	22.0	28	+1	18	+4	87	-1	1	8	Cu	1	0	43	10
137		MANSÛRA								1016.2	—	N	1	22.3	28	+1	20	+5	87	+7	0	8	—	0	0	67	4
		[illegible]TA	1013.4	NE	4	27.5	57	2	6	1017.2	-1.1	NNE	2	21.0	28	+1	18	+4	82	0	2	5	Cu	1	0	40	2
		[illegible]ZÎG	1013.4	NNW	2	27.2	63	2	8	1017.0	—	WNW	2	23.9	27	+1	19	+6	83	+1	1	8	Cu	1	0	27	1
	MIDDLE EGYPT — CAIRO	ALMÂZA	1013.4	NNW	3	27.8	53	3	7	1017.2	—	NNW	1	20.8	28	—	17	—	89	—	4	6	St	2	0	32	—
	CAIRO	EZBEKÎYA	1012.4	N	2	28.8	60	1	9	1016.8	-0.8	N	1	21.8	30	+4	20	+6	94	+14	2	6	Cu	1	0	14	3
	CAIRO	GÎZA	1012.4	N	4	27.6	57	2	8	1016.8	-0.9	NNW	1	20.7	28	+2	19	+6	91	+5	3	5	Sc	2	0	54	3
143		HELWÂN	1012.0	NNW	4	27.4	50	2	7	1016.8	-0.9	N	2	21.0	28	+2	19	+4	92	+22	4	5	Sc	2	0	24	2
144		SUEZ	1012.2	NNW	2	27.8	54	1	8	1016.2	-0.1	NW	2	22.0	29	+2	21	+5	91	+14	4	6	As	1	0	15	5
153	UPPER EGYPT	FAIYÛM	1012.2	N	3	28.1	51	2	8	1017.1	-0.3	NE	2	21.2	29	+2	19	+6	84	+9	3	6	Cu	0	0	dr	0
154		MINYA	1012.0	NNW	2	27.7	49	2	8	1017.5	-0.2	NNW	3	21.5	28	+2	19	+5	84	+6	3	6	Cu	2	0	dr	—
155		ASYÛT	1011.9	WSW	3	28.0	48	0	8	1017.2	+0.1	NW	3	21.8	30	+3	19	+6	79	+8	4	7	Cu	2	0	0	1
156		QENA	1011.6	WSW	1	29.7	38	0	8	1015.6	-0.5	WSW	2	22.8	30	-1	16	+2	60	+2	1	8	Cu	1	0	0	—
157		LUXOR	1011.1	WSW	3	31.4	38	0	8	1014.7	—	W	1	23.2	32		16	—	63		0	8	—	0	0	dr	—
158		ASWÂN	1011.0	—	0	32.0	30	0	8	1016.8	+1.3	—	0	22.2	33	+1	17	+1	56	+9	0	8	—	0	0	dr	—
148	WESTERN DESERT	SÎWA	1017.0	NW	1	25.3	74	0	6	1019.4	+1.3	—	0	17.9	28	+1	15	+4	63	-2	0	6	—	0	0	dr	1
149		BAHARÎYA																									
151		KHÂRGA	1012.4	N	2	29.4	34	0	9	1018.3	-1.7	N	3	21.8	30	0	16	+3	62	+2	3	9	Ci	0	0	0	dr
152		DÂKHLA	1014.4	NW	2	26.7	30	0	8	1019.4	+1.7	WNW	2	19.7	28	-2	16	+3	66	+16	0	8	—	0	0	0	—
145	RED SEA	TÔR	1011.0	NW	1	30.1	60	0	6	1015.1	-0.8	NE	2	23.0	31	+5	18	+3	75	+10	0	6	Cu	0	9	19	2
146		HURGHÂDA								1015.6	-0.4	NW	3	26.4	29	+1	20	+4	73	+20	2	8	Cc	1	0	tr	dr
147		QUSEIR	1011.4	NE	2	26.8	85	0	7	1014.4	-1.2	W	1	26.9	29	+1	22	+2	81	+34	0	7	—	0	0	4	2
169		PORT SUDAN								1013.0	-0.4	SE	1	29.2	—	—	25	+1	78	+10	2	—	—	0	0	27	29
165	NORTH SUDAN	WÂDI HALFA								1018.1	+2.5	NNE	1	19.6	31	-1	15	0	49	+7	0	7	—	0	—	—	
166		KAREIMA								1015.8	+2.4	NE	3	23.6	34	-2	18	-1	39	+7	0	8	—	0	0	dr	7
167		ʿATBARA								1013.6	+1.6	N	3	26.6	37	+1	20	0	26	-4	0	—	—	0	0	1	1
168		KHARTÛM								1013.6	+2.6	N	4	26.1	38	+1	21	0	30	-3	2	7	Ci	0	0	2	5
170		KASSALA								1009.8	-0.3	ENE	3	29.0	39	+1	20	-2	52	+4	1	8	Cs	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI								1011.5	+0.9	NNE	4	27.8	38	+1	19	-1	20	-13	1	—	—	0	0	1	12
173		DUEIM								1011.6	+0.9	NNW	4	27.4	37	0	22	+2	29	-8	0	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1010.0	0.0	NNW	2	27.7	38	+1	20	+2	24	-30	0	—	—	0	0	8	33
174		EL OBEID								1012.8	+0.4	N	3	23.3	35	+1	18	+1	38	+3	0	8	Ci	0	0	8	19
175		EL FÂSHER								—	—	NNW	1	21.5	36	+2	11	-3	25	-7	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1011.8	+1.0	WNW	2	25.5	36	+1	19	0	54	-4	1	8	Ci	1	0	47	85
177		WAU								1012.0	+2.1	SW	1	24.5	35	0	20	0	77	+4	1	—	—	2	7	164	134
178		JÛBA								1013.9	+3.4	S	4	22.7	33	-3	20	0	83	+8	3	8	Ac,Sc	5	dr	140	108
177		Geneina								—	—	E	3	19.2	35	—	14	—	46	—	2	8	Cs	1	0	14	
18[illegible]		Gallabat																									

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

Height metres above M.S.L.	W. Halfa 06h.00m. Dir. E. of N.	Kms per hour	Kareima 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	Juba 07h.00m. Dir. E. of N.	Kms per hour	Geneina 07h.00m. Dir. E. of N.	Kms per hour	Salum 11th 13h.00m. Dir. E. of N.	Kms per hour	Almaza 11th 11h.30m. 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	calm		—	—	—	—	—	—	—	—	—	—	—	—	—	—	70	8	20	15										
[illegible]	[illegible]	34	20	43	10	41	—	—	—	—	330	13	—	—	—	—	—	—	20	21										
[illegible]	[illegible]	24	20	24	10	48	80	8	30	55	10	40	240	11	40	27	90	4	40	18										
[illegible]	[illegible]	27	320	24	0	27	70	25	30	40	20	45	170	26	200	13	330	3	80	18										
2000	350	6	310	37	320	13	30	34	60	21	30	48	180	42	170	23	330	2	90	18										
3000	270	31			290	23					60	35	180	35	160	32	220	13												
4000	290	31									90	35	50	43			210	11												
5000																	310	7												
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. on 11th	Diff. from Normal
Alexandria	73	+8	21.0	+4.5
Ezbekiya	84	+16	21.3	+4.4
Giza	80	+9	20.3	+3.8
Helwan	76	+20	20.2	+5.7

Giza Grass minimum on 12th 17.5°C

Discharges at Aswan measured by sluices m^3 per sec

DATE	1937	1936
12-11	1158	2605
11-11	1153	2601

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	12-11	14.10	+0.42	13.85	+0.17
Nâsser	12-11	10.53	+0.02	10.54	+0.02
Malakâl	12-11	12.42	+0.10	12.42	+0.10
Roseires	12-11	14.32	+0.07	14.40	+0.09
Sennâr Res.	11-11	18.93	—	18.81	—
Khartûm	12-11	12.12	-0.30	12.13	-0.34
Kh. el Girba					
ʿAtbara	12-11	11.37	-0.31	11.38	-0.33
Kajnarti	12-11	135.53	-0.89	135.61	-0.91
Wâdi Halfa					
Aswân Res.	12-11	116.78	—	116.51	—
D. S.	12-11	86.40	-1.04	86.40	-1.17
El Leisi	12-11	18.80	-2.23	18.85	-2.26
Rôda (Cairo)	12-11	15.95	-1.41	15.95	-1.48

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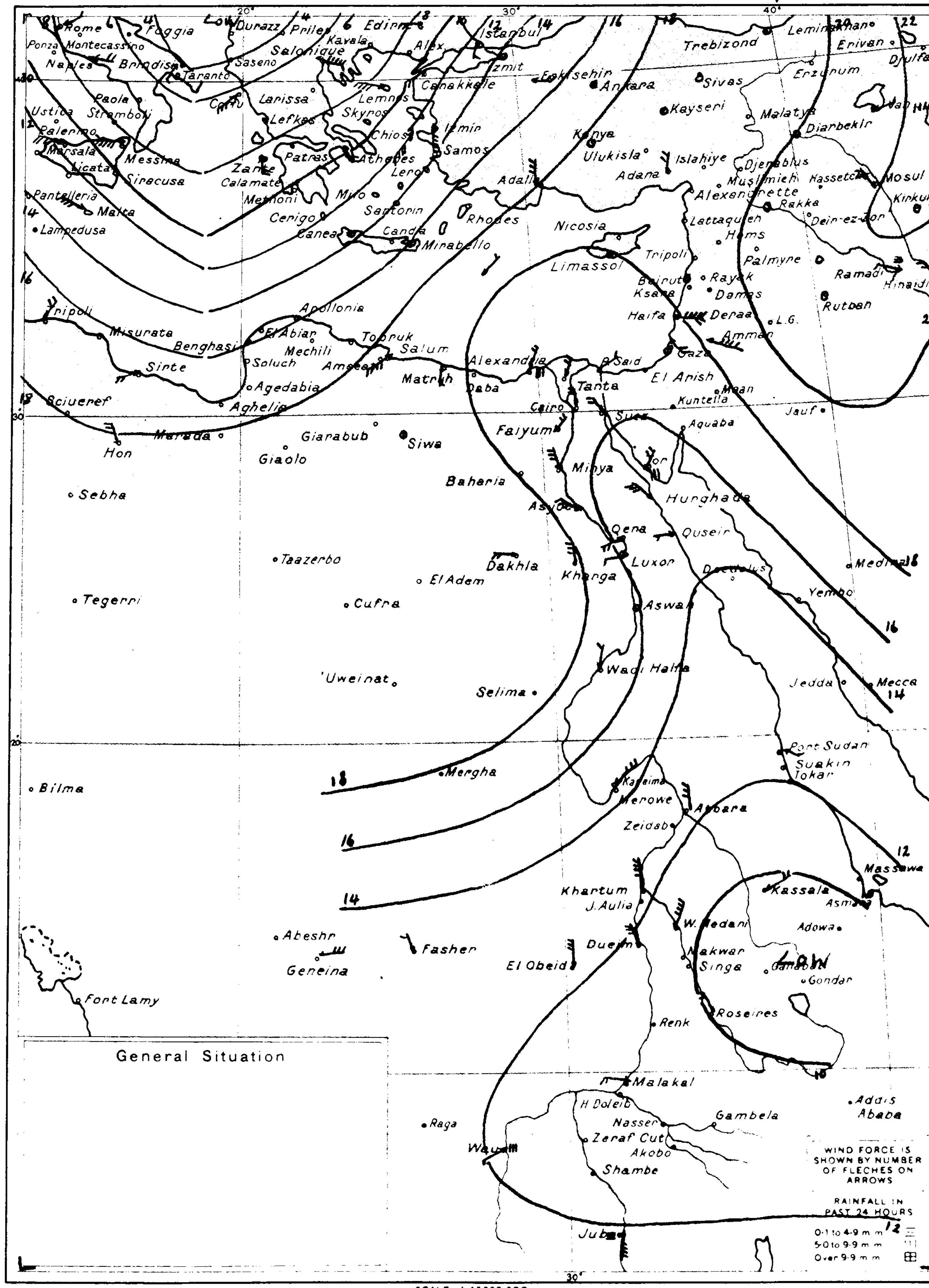
١٩٣٧-١١-١٢ Pressure and Wind at 8h. 12-11-1937



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 8h. 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.m.	Total 1st Oct. 1 to yesterday m.m.	Normal 1st Oct. 1 to yesterday m.m.	مرصد
Faiyum	1014.0	-3.3	N	2	21.5	29	+2	18	+5	85	+10	2	6	Cu	0	0	[illegible]	0	الفيوم
Limassol	1017	0	NW	1	19	—	—	—	—	—	—	0	—	—	—		—	—	ليماسول
Haifa	1016.2	+0.6	ESE	8	25.2	31	+5	19	+4	62	+1	1	—	—	—	0	124	47	حيفا
Gaza	1014.4	-1.4	—	0	20.6	29	+3	18	+4	84	+13	0	9	—	0	0	60	19	غزة

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

CAIRO
Time of sunrise 06 h. 19 m.
sunset 17 h. 00 m.

Month **November** 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14h. on 12th — الساعة ١٤ يوم ١٢ ; At 8h. on Saturday 13th — الساعة ٨ يوم السبت ١٣

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. 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
	MEDITERRANEAN: SALÛM	1017.4	WSW	4	26.0	34	2	8	1017.5	-0.9	WNW	5	16.3	27	—	14	—	78	—	3	6	As	2	0	4	—
	MATRÛH	1016.7	N	1	24.3	57	0	6	1015.5	-2.2	SSW	4	19.2	25	+1	17	+2	63	-13	4	5	Sc	2	0	24	28
	SIKHEILA																									
	ALEXANDRIA	1016.6	NE	3	23.0	82	4	8	1016.6	-1.3	—	0	20.5	26	+1	18	+1	69	-1	1	9	Cu	2	tr	37	19
159	DAMIETTA								1015.8	—	SSW	2	22.0	28	—	18	—	78	—	6	1	Cs	1	0	43	14
134	PORT SAÏD	1015.1	NE	3	25.8	72	2	8	1015.9	-0.3	NW	4	25.2	30	+5	22	+5	66	-6	3	8	Cb	2	0	18	7
135	EL 'ARÎSH								1015.1	—	WSW	1	25.1	30	—	21	—	81	—	1	7	Cu	1	0	38	7
136	LOWER EGYPT: DAMANHÛR								1017.1	-1.1	NW	1	19.6	27	0	15	+1	75	-13	0	7	—	0	dr	43	10
137	MANSÛRA								1016.0	—	W	1	20.2	28	+1	17	+2	87	+7	0	8	—	1	0	67	4
138	TANTA	1015.0	E	4	27.7	53	3	6	1017.4	-0.9	—	0	19.0	29	+2	16	+3	76	-6	0	6	—	0	0	40	2
	ZAGÂZÎG	1015.1	NNW	3	26.6	64	4	8	1016.8	—	WNW	2	22.8	27	+1	17	+4	78	-4	0	8	—	0	dr	27	2
	MIDDLE EGYPT: CAIRO ALMÂZA																									
	CAIRO EZBEKÎYA	1014.7	NNE	2	28.7	58	1	9	1016.7	-0.9	—	0	20.0	30	+4	18	+4	96	+16	0	5	—	0	0	14	3
	CAIRO GÎZA	1014.7	NNW	2	26.1	59	3	7	1016.8	-1.0	WNW	1	19.9	28	+2	17	+4	88	+2	1	5	St	1	0	54	3
143	HELWÂN	1014.6	WNW	3	26.7	52	4	7	1016.8	-0.9	—	0	19.8	27	+2	18	+3	88	+18	0	6	—	0	0	24	2
144	SUEZ	1014.2	S	1	27.3	66	3	7	1016.2	-0.1	NNW	2	21.6	29	+2	20	+4	84	+7	3	6	Ac	1	10	25	6
153	UPPER EGYPT: FAIYÛM	1015.1	NW	3	27.2	47	2	8	1016.6	-0.9	—	0	23.2	28	+1	16	+3	71	-4	1	6	Cu	0	0	dr	0
154	MINYA	1014.8	NNE	3	26.7	61	2	7	1017.4	-0.4	N	2	19.5	27	+1	17	+3	86	+8	1	8	Ac	1	0	dr	—
155	ASYÛT	1015.0	NW	4	26.0	55	2	8	1017.2	0.0	WSW	3	19.0	28	+2	17	+4	90	+19	4	6	Cs	2	0	0	1
156	QENA	1013.1	WSW	3	29.0	47	2	8	1015.5	-0.7	WSW	5	21.7	30	-1	19	+5	68	+9	0	8	—	0	0	0	—
157	LUXOR	1013.0	WSW	3	30.3	48	1	8	1015.0	—	—	0	23.9	31	—	16	—	67	—	0	8	—	0	0	dr	—
158	ASWÂN	1012.4	NNE	2	29.9	36	0	8	1015.5	-0.1	N	1	22.0	33	+1	18	+2	59	+12	0	8	—	0	0	dr	—
148	WESTERN DESERT: SÎWA	1017.1	W	1	28.	63	0	6	1017.6	-0.6	—	0	19.1	28	+2	11	0	66	0	0	6	—	0	0	dr	1
149	BAHARÎYA	1016.3	NW	2	26.2	42	0	9	1018.4		—	0	17.8	26	—	10	—	66	—	0	9	—	0	0	0	—
151	KHÂRGA	1014.2	N	1	19.6	34	2	9	1017.6	+1.0	N	1	21.4	30	0	17	+4	70	+9	0	9	—	0	0	0	dr
152	DÂKHLA								1018.8	+1.0	—	0	19.9	28	-1	15	+2	56	+6	0	8	—	0	0	0	—
145	RED SEA: TÔR	1012.7	NW	3	27.1	77	0	6	1014.0	-1.9	NE	2	23.8	28	+2	20	+6	78	+13	0	6	—	0	0	19	2
146	HURGHÂDA								1014.7	-1.4	NNW	3	25.8	29	+1	21	+5	75	+22	2	9	Cu	1	0	tr	dr
147	QUSEIR	1014.0	NE	2	26.8	80	0	6	1013.6	-2.0	NNW	2	26.6	29	+1	22	+2	64	+17	0	7	—	0	0	4	2
169	PORT SUDAN								1012.4	-1.1	W	2	29.6	34	+3	26	+2	77	+9	2	—	—	0	0	27	30
165	NORTH SUDAN: WÂDI HALFA								1017.2	+1.5	N	3	20.8	29	-3	16	+1	46	+3	0	8	—	0	—	—	—
166	KAREIMA								1014.9	+1.4	NNW	3	21.8	33	-3	15	-3	43	+10	2	8	Ci	0	0	dr	1
167	'ATBARA								1013.3	+1.3	N	5	25.4	35	-1	19	-1	29	-1	0	—	—	0	0	1	1
168	KHARTÛM								1013.4	+2.3	N	5	25.0	37	0	20	0	28	-5	0	7	—	0	0	2	5
170	KASSALA								1010.3	+0.2	NE	3	26.1	38	+1	19	-3	62	+14	0	8	—	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI								1012.0	+1.3	N	3	25.5	38	+1	16	-4	21	-12	0	—	—	0	0	1	12
173	DUEIM								1011.8	+1.0	NW	4	25.4	38	+1	21	+1	26	-10	0	—	—	0	0	14	12
182	RENK																									
172	ROSEIRES								1010.2	+0.2	NNW	2	26.9	39	+2	18	0	26	-27	0	—	—	0	0	8	33
174	EL OBEID								1012.4	-0.1	N	4	23.0	36	+2	18	+2	31	-4	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	N	1	22.5	37	+3	16	+2	59	+27	0	—	—	0	0	32	8
176	S. SUDAN: MALAKÂL								1010.8	0.0	NNE	6	27.4	36	+1	20	+1	20	-37	1	8	—	1	0	47	85
177	WÂU								1011.4	+1.4	NW	1	23.2	36	+1	18	-2	73	0	0	—	—	0	0	164	135
178	JÛBA								1012.9	+25	SSW	4	22.8	36	0	20	0	83	+8	4	8	Sc	5	2	142	109
179	Geneina								—	—	N	5	19.3	35	—	15	—	46	—	0	8	—	0	—	14	
180	Gallabat																									

Upper Wind Observations on 13th — ارصاد الرياح العليا يوم ١٣

Dir. E. of N. / Kms per hour

Height metres above M.S.L.	Salum 07h 45m Dir	Kms	Wadi Halfa 06h 00m Dir	Kms	Kareima 06h 00m Dir	Kms	Khartum 05h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	El Obeid 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Juba 07h 00m Dir	Kms	Geneina 07h 00m Dir	Kms	Almaza 10h 45m Dir	Kms	Abukir R.A.F. Dir	Kms	Ismailia R.A.F. Dir	Kms	Heliopolis R.A.F. Dir	Kms	Ramleh R.A.F. Dir	Kms	Amman R.A.F. Dir	Kms
200	300	25	0	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	7	240	14	330	27	350	11	200	16	—	—
500	—	—	10	26	10	40	350	47	—	—	—	—	10	5	—	—	—	—	340	9	270	18	330	18	350	13	230	13	—	—
1000	280	33	0	45	30	24	350	40	30	31	20	58	30	60	180	27	40	34	ent. Cu.		240	24	330	14	330	11	240	10	180	6
1500	280	57	10	18	350	18	340	14	20	37	20	58	40	63	180	27	100	37			330	27	310	8	290	11	200	8	190	10
2000	260	57	0	14	0	18	340	16	20	31	20	40	50	45	180	24	120	35			300	14	220	10	300	8	240	18	230	8
3000	260	60			350	14	330	21					50	31	150	27	120	10			280	27	240	16	240	18	240	13	240	16
4000																	100	21			Tail		Tail		280	24	Tail		Tail	
5000																														
6000																														

Forecast for 24 hours from noon on

[illegible]

Mean of day

STATION	Humidity 12th	Diff. from normal	Wet bulb temp. 12th	Diff. from normal
Alexandria	70	+5	20.3	+4.0
Ezbekiya	83	+15	21.7	+4.9
Giza	82	+10	20.2	+3.8
Helwan	79	+23	19.9	+5.5

[illegible] 13th 14.9°C

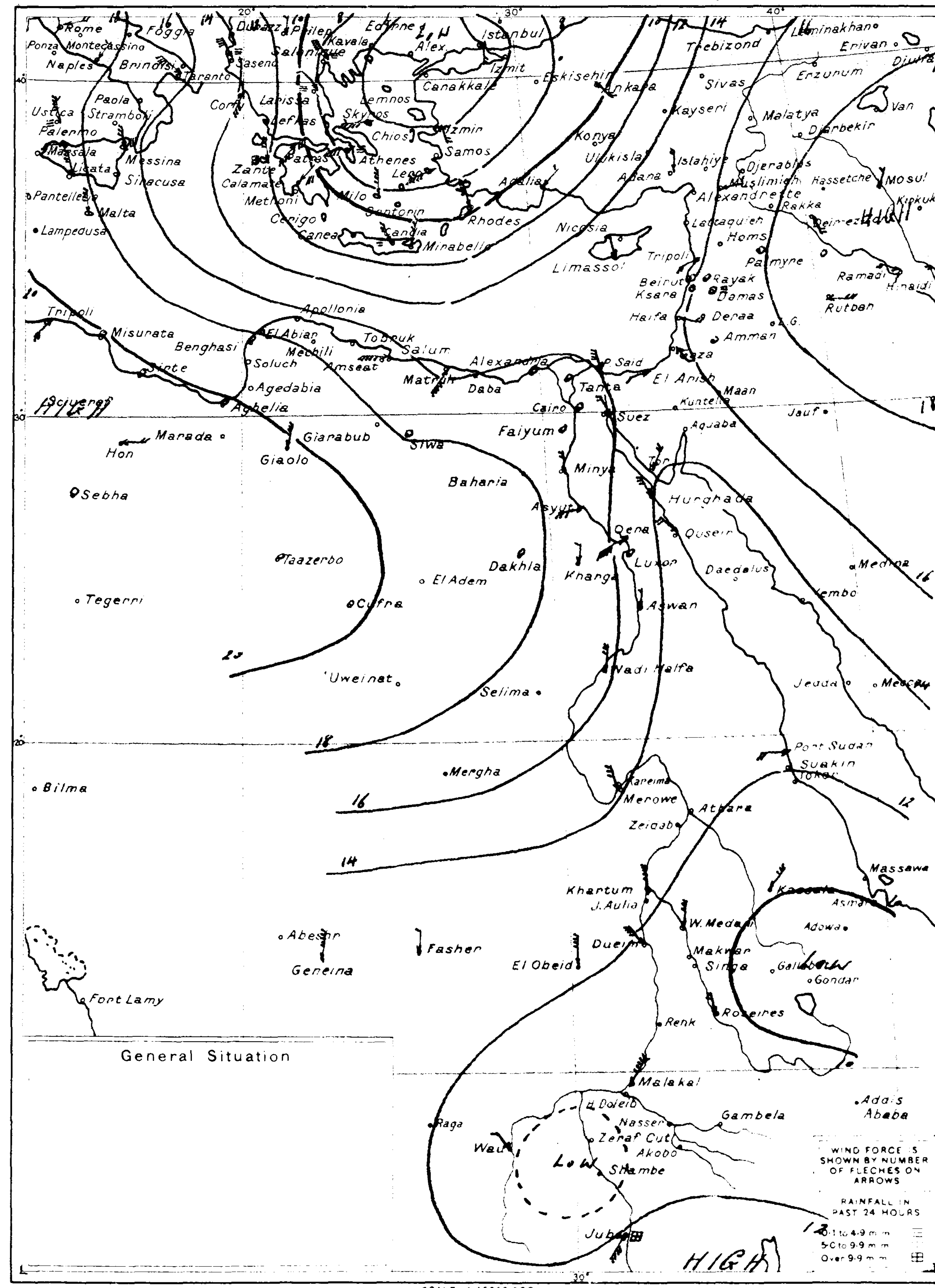
Discharges at Aswan measured by sluices

DATE	1937	1936
13-11	1159	2319
12-11	1158	2605

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	13-11	14.02	+0.34	14.10	+0.42
Nâsser	13-11	10.52	+0.02	10.53	+0.02
Malakâl	13-11	12.42	+0.10	12.42	+0.10
Roseires	13-11	14.26	+0.08	14.32	+0.07
Sennar Res	13-11	19.11	—	19.02	—
Khartûm	13-11	12.07	-0.32	12.12	-0.30
Khashm el Girba					
'Atbara	13-11	11.35	-0.30	11.37	-0.31
Kajnarti	13-11	135.47	-0.87	135.53	-0.89
Wâdi Halfa					
Aswan Res	13-11	117.03	—	116.78	—
D.S.	13-11	86.41	-0.91	86.40	-1.04
El Leisi	13-11	18.75	-2.17	18.80	-2.23
Roda (Cairo)	13-11	15.95	-1.34	15.95	-1.41

Printed by the Survey of Egypt 1936

Pressure and Wind at 8 h. 13-11-1937 ١٩٣٧-١١-١٢



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 12th — الساعة ٨ يوم ١٢

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	Total	Normal	مرصد
Limassol	1017	0	—	0	20	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1016.7	+1.0	ESE	7	24.7	30	+4	19	+4	66	+5	0	—	—	—	0	124	50	حيفا
Gaza	1015.6	-0.3	—	0	21.5	30	+4	17	+3	68	-4	0	7	—	0	0	60	20	غزة
Baherya	1020.2	—	—	0	20.8	27	—	15	—	93	—	0	7	—	0	0	0	—	البحرية
Ship	73362	21336	30402	10717	64874	73027													سفينة

ANNUAL SUBSCRIPTION

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

CAIRO
Time of sunrise 06 h. 20 m.
sunset 16 h. 59 m.

Month *November* 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٣٧-١١-١٤

At 14h. on *13th* الساعة ١٤ يوم ١٣ — At 8h. on *Sunday 14th* الساعة ٨ يوم الأحد ١٤

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.
	MEDIT. SALÛM	1012.6	WNW	5	24.0	39	3	7	1021.6	+3.1	NW	3	15.6	25	—	12	—	64	—	4	5	Cu	2	0	4	—
	MATRÛH	1014.3	WNW	5	22.6	80	2	6	1018.8	+1.1	NW	5	20.1	25	+1	16	+1	70	-6	4	6	Cb	2	0	24	28
	DIKHEILA	1015.2	SSW	4	26.0	48	2	8	1018.7	—	N	3	20.3	26	—	18	—	76	—	5	5	Sc	—	dr.	19	—
	ALEXANDRIA	1014.2	WSW	5	25.5	50	3	9	1017.8	-0.1	N	4	21.3	26	+1	20	+4	62	-8	4	7	Cb	2	0	37	20
150	DAMIETTA								1017.8	—	SW	3	18.8	28	—	17	—	82	—	5	6	Cb	8	2	45	15
134	PORT SAÏD	1014.7	NW	2	25.2	52	3	8	1017.6	+1.4	SW	2	19.4	27	+2	19	+2	91	+19	4	6	Cb	6	9	27	8
135	EL 'ARÎSH	1013.3	NNW	2	26.0	76	2	7	1017.1	—	WSW	2	22.0	26	—	19	—	74	—	0	7	—	0	0	38	8
136	LOWER EGYPT DAMANHÛR								1018.3	+0.1	SW	2	19.1	28	+2	16	+3	75	-13	1	5	Cu	0	0	43	11
137	MANSÛRA								1017.9	—	W	1	19.7	27	0	16	+2	80	0	5	7	Cc	5	dr.	67	4
	TANTA	1015.2	ENE	2	27.0	43	3	6	1018.8	+0.5	—	0	19.0	28	+2	15	+2	72	-10	2	6	Ci	1	0	40	3
	ZAGÂZIG	1015.0	NNW	2	26.4	43	2	8	1018.4	—	NNW	1	20.3	27	+1	15	+2	77	-5	1	8	Cs	1	0	27	2
	MIDDLE EGYPT CAIRO ALMÂZA	1015.6	W	2	26.7	35	2	8	1019.1	—	WSW	2	20.7	27	—	15	—	68	—	3	6	Sc	4	0	32	—
	CAIRO EZBEKÎYA	1014.7	NNE	2	27.8	38	3	9	1019.0	+1.3	WSW	1	19.0	29	+3	16	+2	86	+6	2	6	Ns	8	dr.	14	3
	CAIRO GÎZA	1014.4	NW	1	26.9	33	2	9	1018.8	+0.9	NW	1	18.5	28	+2	14	+2	88	+2	2	6	Sc	1	0	54	3
143	HELWÂN	1014.6	WNW	4	25.5	32	2	8	1018.6	+0.8	—	0	18.9	26	+1	16	+2	77	+7	0	5	—	0	0	24	2
144	SUEZ	1014.6	NNW	3	25.3	58	2	8	1017.9	+1.5	WNW	1	20.9	26	0	17	+1	75	-2	1	6	Ac	1	0	25	6
153	UPPER EGYPT FAIYÛM	1014.6	NW	2	26.8	33	1	6	1017.5	0.0	NW	1	21.0	29	+2	14	+1	69	-6	0	6	—	0	0	dr.	0
154	MINYA	1014.8	NNE	3	26.0	52	0	7	1018.4	+0.6	NNW	2	18.5	26	0	14	+1	71	-7	0	7	—	0	0	dr.	—
155	ASYÛT	1015.1	WSW	4	25.8	58	0	8	1018.7	+1.4	WSW	3	16.8	27	+1	15	+2	63	-8	0	7	—	0	0	0	1
156	QENA	1012.4	WSW	1	31.4	42	0	8	1015.8	-0.4	W	2	21.8	33	+3	16	+3	51	-8	0	8	—	0	0	0	—
157	LUXOR	1012.2	NNE	2	31.2	46	1	8	1015.8	—	—	0	24.2	32	—	14	—	55	—	0	8	—	0	0	dr.	—
158	ASWÂN	1011.8	N	2	29.5	35	0	8	1015.9	+0.2	N	3	21.3	31	0	18	+2	47	-1	0	8	—	0	0	dr.	—
148	WESTERN DESERT SÎWA	1016.2	WSW	1	27.4	64	0	6	1020.6	+2.4	—	0	17.0	28	+2	12	+1	80	+14	0	6	—	0	0	dr.	1
149	BAHARÎYA	1015.6	NW	1	27.0	43	0	9	1019.8	—	—	0	19.1	27	—	12	—	71	—	0	9	—	0	0	0	—
151	KHÂRGA	1013.5	N	1	28.8	37	0	9	1017.9	+1.2	N	2	18.3	29	-1	14	+1	63	+2	0	9	—	0	0	0	dr.
152	DÂKHLA								1019.6	+1.7	WNW	1	18.4	27	-2	12	-1	50	0	0	8	—	0	0	0	—
145	RED SEA TÔR	1012.2	NW	5	26.9	78	0	6	1015.2	-0.8	NW	4	25.1	29	+3	23	+9?	55	-9	0	6	—	0	0	19	2
146	HURGHÂDA								1016.8	+0.7	NNW	3	26.2	28	0	20	+4	51	-2	0	9	—	0	0	tr.	dr.
147	QUSEIR	1012.8	NE	2	26.8	69	1	7	1014.8	-0.8	N	3	26.9	28	0	22	+2	68	+21	0	7	—	0	0	4	2
169	PORT SUDAN								1012.2	-1.3	N	4	29.6	33	+2	26	+2	77	+9	3	—	—	1	0	27	32
165	NORTH SUDAN WÂDI HALFA								1016.9	+1.1	NNE	4	19.8	29	-2	17	+2	46	+3	0	8	—	0	—	—	—
166	KAREIMA								1013.7	+0.1	N	4	22.6	31	-5	16	-2	44	+11	1	8	Ci	0	0	dr.	1
167	'ATBARA								1012.0	-0.1	NW	4	25.0	34	-1	19	-1	32	+1	0	—	—	0	0	1	1
168	KHARTÛM								1012.3	+1.1	NW	5	24.6	36	-1	18	-2	34	+1	1	7	Ci	0	0	2	5
170	KASSALA								1010.3	+0.2	NE	2	25.2	37	0	18	-3	28	-21	0	8	—	0	0	dr.	11
171	CENTRAL SUDAN WAD MEDANI								1012.0	+1.3	N	3	24.0	36	-1	15	-5	28	-5	0	—	—	0	0	1	12
173	DUEIM								1012.4	+1.5	W	3	25.0	36	-1	19	0	39	+3	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1010.4	+0.4	NNE	2	27.0	37	0	20	+2	20	-33	0	—	—	0	0	8	34
174	EL OBEID								1013.2	+0.7	N	4	21.8	34	0	16	0	36	+2	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	N	1	21.5	37	+3	14	+1	57	+25	0	—	—	0	0	32	8
176	S. SUDAN MALAKÂL								1011.6	+0.8	N	5	25.9	37	+2	18	-1	24	-31	1	8	Ac	0	0	47	86
177	WÂU								1011.9	+1.9	N	2	22.0	37	+2	18	-2	67	-6	0	—	—	0	0	164	135
178	JÛBA								1012.0	+1.6	NE	2	23.9	35	-1	22	+2	83	+8	5	8	Cb	8	2	144	110
179	Geneina								—	—	ENE	3	19.4	35	—	14	—	38	—	4	8	Cs	1	0	14	—
180	Gullabat																									

Upper Wind Observations on *14th* ارصاد الرياح العليا يوم ١٤

Height metres above M.S.L.	Salum 07h.45m. Dir. E. of N.	Kms per hour	Matruh 07h.00m. Dir.	Kms	Cairo 09h.15m. 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 05h.00m. Dir.	Kms	Kassala 06h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Juba 07h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Ismailia (R.A.F.) 07h.00m. Dir.	Kms
200	340	17	340	23	300	13	280	7	—	—	—	—	0	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	300	23
500	—	—	340	38	350	22	320	22	10	39	0	39	20	42	10	37	350	43	—	—	—	—	30	26	—	—	—	—	330	18
[illegible]	[illegible]20	24	340	30	0	32	340	24	340	33	20	35	10	42	30	21	350	37	20	19	20	48	40	43	160	32	40	37	320	18
[illegible]	320	23	Ent. Cb.		350	17	330	25	330	33	60	26	30	31	40	14	340	11	40	18	10	31	30	50	180	40	50	35	320	23
[illegible]	Ent. Cu.						330	17	340	36	70	11	80	8	40	14	290	27	50	11	330	34	40	39	190	40	20	21	300	24
3000													20	8	30	13	250	14					70	27	210	47	250	11	tail	
4000													350	11	30	13											240	21		
5000																														
6000																														

Forecast for 24 hours from noon on *14th*

Northwest to north winds, moderate inland, fresh on the coast, becoming northeasterly later.
Some low cloud.
Showers in the north.
Cooler.

تنبؤات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٤
رياح شمالية غربية الى شمالية معتدلة في الداخل
وشديدة نوعا على الساحل وتتغير اتجاهها الى
الشمال الشرقي
يظهر بعض السحاب المنخفض
وتمطر في شمال الدلتا
ويبرد الجو

STATION	Mean of day Humidity % on 13th	Diff. from normal	Wet bulb temp. °C on 13th	Diff. from normal
Alexandria	64	-1	18.0	+1.8
Ezbekiya	74	+6	18.2	+1.5
Giza	81	+9	17.3	+1.0
Helwan	58	+2	16.3	+2.0

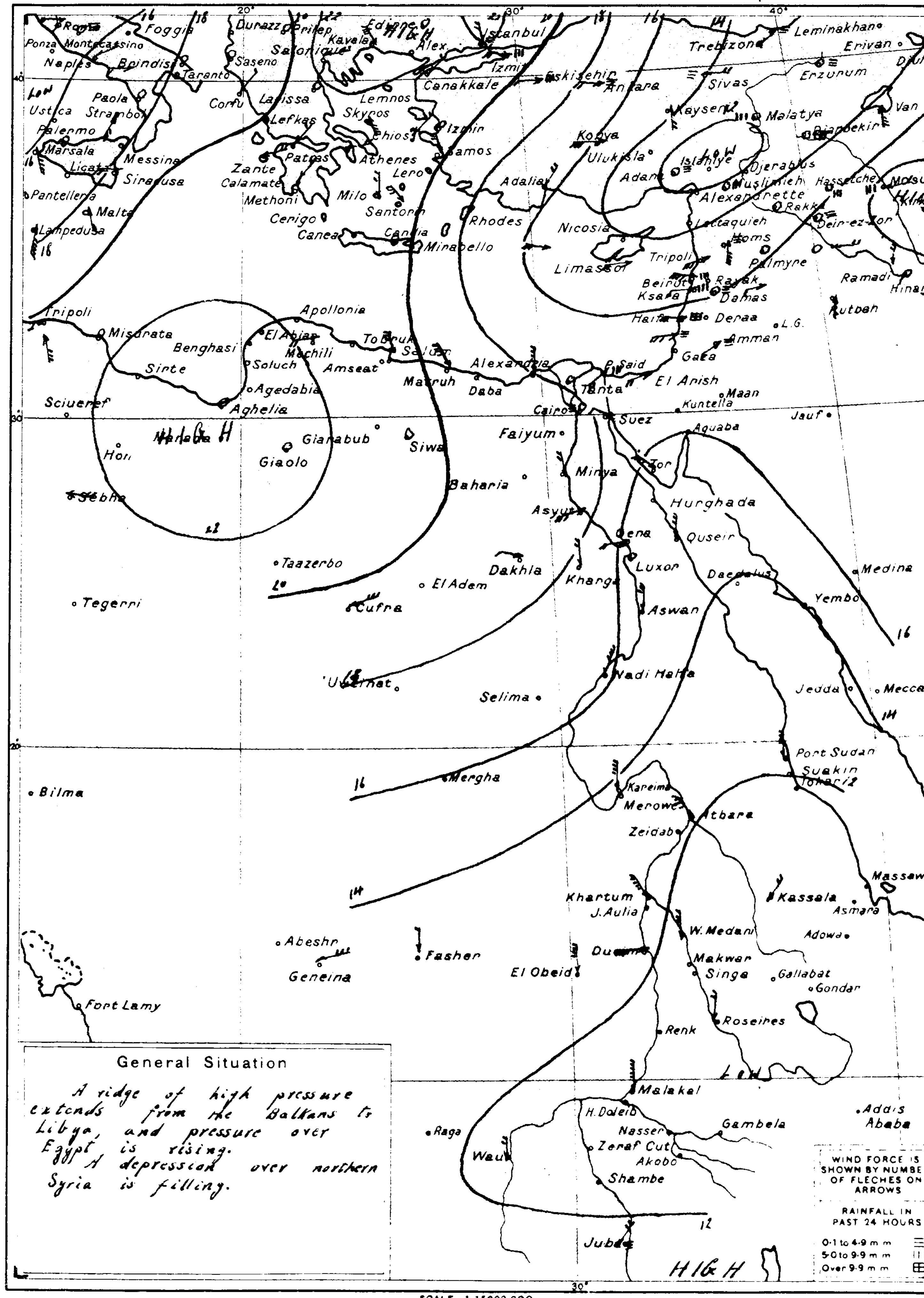
Grass minimum on *14th* *11.2* °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1937	1936
14-11	1156	2026
13-11	1159	2319

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	14-11	14.01	+0.34	14.02	+0.34
Nâsser	13-11	10.52	+0.02	10.53	+0.02
Malakâl	14-11	12.41	+0.09	12.42	+0.10
Roseires	14-11	14.21	+0.08	14.26	+0.08
Sennâr Res.	13-11	19.11	—	19.02	—
Khartûm	13-11	12.07	-0.32	12.12	-0.30
Khashm el Girba					
'Atbara	13-11	11.35	-0.30	11.37	-0.31
Kajnarti	13-11	135.47	-0.87	135.53	-0.89
Wâdi Halfa					
Aswân Res.	14-11	117.25	—	117.03	—
D.S.	14-11	86.41	-0.78	86.41	-0.91
El Leisi	14-11	18.86	-1.97	18.75	-2.17
Roda (Cairo)	14-11	16.02	-1.21	15.95	-1.34

Pressure and Wind at 8h. *14-11-37*



General Situation

A ridge of high pressure extends from the Balkans to Libya, and pressure over Egypt is rising.
A depression over northern Syria is filling.

At 8h. on *13th* الساعة ٨ يوم

STATION مرصد	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.	
Limassol	1015	-2	NW	1	21	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1015.5	-0.2	ESE	2	24.5	29	+3	19	+4	64	+3	2	—	—	—	0	124	53	حيفا
Gaza	1015.0	-0.9	SE	1	20.4	30	+4	17	+3	86	+14	2	5	—	1	0	60	22	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 (367/530)

CAIRO

Time of sunrise 06 21 (h m)

sunset 16 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

Month November 1937 ١٩٣٧ نوفمبر شهر

DAILY WEATHER REPORT ٣٧-١١-١٥

At 14h. on 14th ١٤ يوم الساعة ١٤ — At 8h. on Monday 15th الساعة ٨ يوم الاثنين ١٥

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.
	Mediterranean	SALÛM	1020.8	NNW	5	20.0	38	3	6	1021.9	+3.4	WNW	4	18.2	21	—	11	—	74	—	2	6	Cc	1	0	4	—
	Mediterranean	MATRÛH	1018.6	WNW	4	21.3	68	2	6	1020.3	+2.6	W	2	17.2	22	-2	16	+2	82	+6	0	6	—	1	0	24	29
	Mediterranean	DIKHEILA	1018.7	NW	3	22.0	59	2	7	1020.5	—	ESE	2	20.0	23	—	19	—	62	—	4	5	As	6	dr.	19	—
132	Mediterranean	ALEXANDRIA	1018.0	NW	3	24.0	51	2	9	1020.3	+2.4	—	0	20.4	25	0	20	+4	62	-8	4	7	Ac	2	0	37	21
159	Mediterranean	DAMIETTA								1019.6	—	N	2	20.3	26	—	16	—	62	—	2	8	Cc	2	1	46	15
134	Mediterranean	PORT SAÏD	1017.2	NW	4	24.3	58	3	8	1019.9	+3.6	NE	3	21.2	25	0	19	+2	64	-8	2	8	Cc	2	9	36	8
135	Mediterranean	EL 'ARÎSH	1016.2	WSW	1	23.0	70	4	6	1019.4	—	SSE	1	23.0	26	—	18	—	74	—	2	7	Cb	1	tr.	38	8
136	Lower Egypt	DAMANHÛR								1020.6	+2.3	NE	1	21.0	25	-1	16	+3	65	-22	3	7	Cu	1	dr.	43	11
	Lower Egypt	MANSÛRA								1020.2	—	NNE	1	19.9	25	-2	15	+1	66	-14	1	7	Cs	1	0	67	4
	Lower Egypt	TANTA	1017.1	NE	2	24.0	53	3	6	1020.6	+2.3	—	0	17.0	26	0	13	0	70	-12	0	7	—	0	0	40	3
	Lower Egypt	ZAGÂZÎG	1017.6	NNW	1	24.2	54	2	8	1020.7	—	NNW	1	19.9	25	-1	14	+1	76	-6	0	8	—	1	0	27	2
	Middle Egypt (Cairo)	ALMÂZA	1017.5	W	3	23.8	48	3	7	1020.0	—	E	1	18.2	25	—	11	—	65	—	1	6	Sc	1	0	32	—
	Middle Egypt (Cairo)	EZBEKÎYA	1017.0	NNE	2	25.8	50	1	9	1019.9	+2.2	NNE	3	17.4	26	0	14	0	82	+2	0	5	—	1	0	14	3
	Middle Egypt (Cairo)	GÎZA	1016.8	NNW	1	24.8	48	2	8	1020.0	+1.2	NNW	1	15.6	26	0	11	-1	86	0	0	5	—	1	0	54	3
143	Middle Egypt	HELWÂN	1016.7	NW	3	23.0	45	2	6	1019.9	+2.1	N	1	17.0	24	-1	15	+1	65	-5	6	4	As	0	0	24	2
144	Middle Egypt	SUEZ	1016.6	NW	2	23.9	51	1	7	1020.2	+3.8	NNW	2	19.3	25	-1	16	0	77	0	2	6	As	1	0	25	6
153	Upper Egypt	FAIYÛM	1017.8	—	0	24.2	45	2	8	1018.8	+1.2	N	3	18.3	25	-2	12	-1	63	-12	0	7	—	0	0	dr.	0
154	Upper Egypt	MINYA	1016.4	N	3	25.0	40	0	6	1019.2	+1.3	N	3	17.7	26	0	15	+2	68	-10	0	7	—	0	0	dr.	—
155	Upper Egypt	ASYÛT	1016.3	WNW	3	26.0	39	0	8	1019.0	+1.6	WSW	3	17.2	27	+1	13	+1	68	-3	0	8	—	0	0	0	2
156	Upper Egypt	QENA								1016.7	+0.4	W	1	20.0	32	+2	15	+2	59	0	0	8	—	0	0	0	—
157	Upper Egypt	LUXOR	1013.6	NNW	1	30.1	36	0	8	1016.3	—	WSW	1	21.6	31		12	—	62		0	8	—	0	0	dr.	—
158	Upper Egypt	ASWÂN	1011.9	N	1	30.0	32	0	8	1016.3	+0.5	NNE	4	19.8	30	-1	18	+2	51	+3	0	8	—	0	0	dr.	—
148	Western Desert	SÎWA	1019.1	WSW	1	25	68	0	6	1021.2	+2.9	—	0	15.2	25	-1	9	-2	75	+9	0	6	—	0	0	dr.	1
149	Western Desert	BAHARÎYA	1017.5	NW	3	24.3	46	0	9	1021.0		NNW	1	17	24		11		68		3	9	—	2	0	0	—
151	Western Desert	KHÂRGA	1015.8	N	2	27.6	40	0	9	1018.6	+1.8	N	3	19.0	29	0	16	+3	75	+14	0	9	—	0	0	0	dr.
152	Western Desert	DÂKHLA	1017.4	NNW	3	26.3	30	0	7	1020.7	+2.7	NNW	1	17.6	27	-2	15	+3	56	+6	0	8	—	0	0	0	—
145	Red Sea	TOR	1013.6	NW	6	26.1	65	7	3	1015.8	-0.3	NE	2	21.5	27	+1	17	+3	68	+4	0	6	—	0	0	19	2
146	Red Sea	HURGHÂDA																									dr.
147	Red Sea	QUSEIR	1013.9	NNE	4	27.8	42	0	7	1015.1	-0.6	NNW	4	24.7	29	+1	21	+1	48	+1	0	7	—	0	0	4	2
169	Red Sea	PORT SUDAN								1012.4	-1.2	NE	4	27.5	33	+2	26	+2	80	+12	3	—	—	8	dr.	27	34
165	North Sudan	WÂDI HALFA								1017.1	+1.2	N	5	18.7	31	0	17	+3	48	+4	0	8	—	0	—	—	
166	North Sudan	KAREIMA								1012.1	-1.6	NE	4	24.2	33	-2	21	+3	39	+6	0	8	—	0	0	dr.	1
167	North Sudan	'ATBARA								1011.4	-0.8	E	3	25.5	35	0	20	+1	39	+7	0	—	—	0	0	1	1
168	North Sudan	KHARTÛM								1010.9	-0.4	NNW	4	25.0	36	0	19	-1	40	+7	2	7	Ci	0	0	2	5
170	North Sudan	KASSALA								1007.9	-2.3	SE	2	27.8	37	0	21	0	51	+2	0	7	—	0	0	dr.	11
171	Central Sudan	WAD MEDANI								1011.0	+0.2	NNW	2	23.0	34	-3	14	-6	38	+5	0	—	—	0	0	1	12
173	Central Sudan	DUEIM								1011.2	+0.2	NW	3	24.8	35	-2	19	0	45	+9	0	—	—	0	0	14	12
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1010.0	-0.1	NNW	2	25.6	38	+1	17	-1	27	-26	0	—	—	0	0	8	34
174	Central Sudan	EL OBEID								1011.9	-0.7	N	4	21.6	32	-2	15	-1	36	+2	0	8	—	0	0	8	19
175	Central Sudan	EL FÂSHER								—	—	NW	1	20.0	35	+1	11	-2	55	+23	1	—	—	0	0	32	8
176	S. Sudan	MALAKÂL								1012.0	+1.2	NNE	3	20.5	35	0	17	-2	49	-5	4	8	Ac,As	2	0	47	86
177	S. Sudan	WAU								1010.8	+0.8	N	3	22.0	36	+1	19	-1	58	-14	3	—	—	0	0	164	136
178	S. Sudan	JÛBA								1010.8	+0.4	SE	1	26.8	33	-3	22	+2	69	-6	4	9	Cu,Sc	2	0	144	112
179 180		Geneina Gallabat								—	—	NE	4	17.2	34	—	10	—	34	—	0	8	—	0	0	14	—

Upper Wind Observations on 15th ارصاد الرياح العليا يوم ١٥

Height metres above M.S.L.	Salum 07h30m Dir. E. of N.	Kms per hour	Matruh 07h00m Dir.	Kms	Cairo 08h30m Dir.	Kms	Helwan 08h45m Dir.	Kms	Asyut 07h00m Dir.	Kms	W. Halfa 06h00m Dir.	Kms	Kareima 06h00m Dir.	Kms	Khartum 05h00m Dir.	Kms	Kassala 07h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Juba 07h00m Dir.	Kms	Geneina 07h00m Dir.	Kms	Salum 14th 12h30m Dir.	Kms	Almaza 14th 11h30m Dir.	Kms
200	300	19	300	28	20	30	20	17	—	—	10	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340	20	320	10
500	10	15	320	28	30	28	30	29	10	35	30	43	30	43	350	37	—	—	—	—	10	37	—	—	—	—	330	17	320	8
1000	310	12	330	19	40	32	50	22	10	39	30	43	50	40	10	27	130	5	20	47	20	40	150	18	40	50	310	15	320	20
1500	320	25			110	29	70	37			20	27	50	27	30	24	90	14	70	8	20	23	130	34	60	60	320	28	300	13
2000	330	35			70	13	30	13			50	6	50	23	110	14	70	27	220	11	40	23	130	37	310	27	Ent. Cu.		300	11
3000	270	25			tail		50	6			310	18	50	19			130	10	180	8	70	23	190	31	260	34	tail			
4000							340	20									150	6	60	5	90	24	190	21	190	31				
5000																	350	10	110	8	120	21								
6000																														

Forecast for 24 hours from noon on 15th

Moderate northwest to northeast winds.
Some low cloud.
Little change in temperature.

تغيرات الطقس المنتظرة لـ ٢٤ ساعة من ظهر يوم ١٥

رياح معتدلة شمالية غربية تتحول إلى شمالية شرقية
يظهر بعض السحاب المنخفض
وليس هناك تغيير يذكر في درجة الحرارة

Station	Mean of day: Humidity 14th	Diff from normal	Wet bulb temp. 14th	Diff from normal
Alexandria	57	-8	17.0	+0.9
Ezbekiya	75	+7	17.9	+1.3
Giza	74	+2	17.0	+0.8
Helwan	62	+6	16.0	+1.8

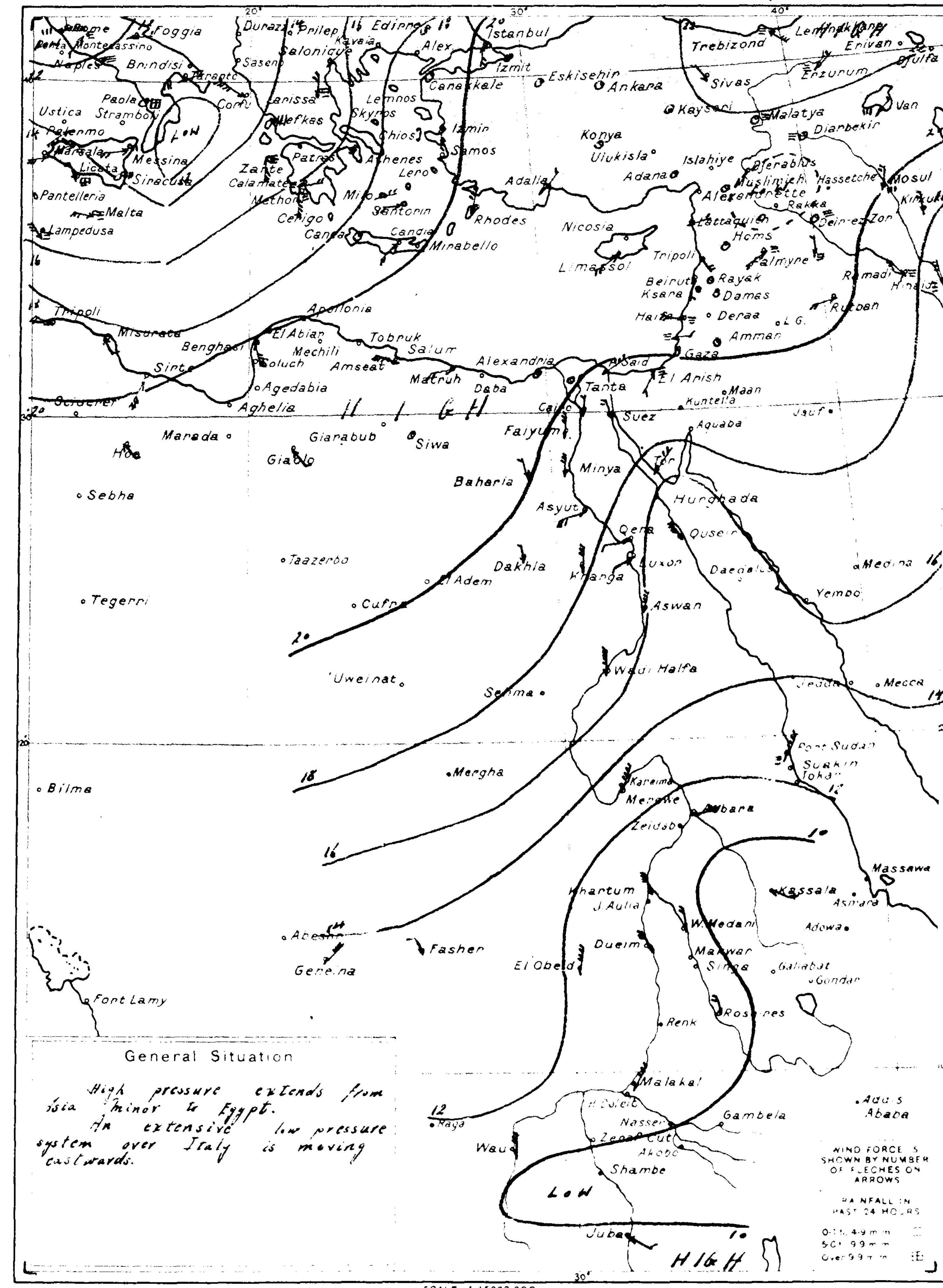
Giza evaporation on 15th 8.6 °c

Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
15-11	1156	1621
14-11	1156	2026

Gauge	Date 1937	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Juba	15-11	13.84	+0.17	14.01	+0.34
Nasser	14-11	10.51	+0.03	10.52	+0.02
Malakal	15-11	12.41	+0.09	12.41	+0.09
Roseires	15-11	14.14	+0.06	14.21	+0.08
Sennar Res.	14-11	19.20	—	19.11	—
Khartum	14-11	12.02	-0.32	12.07	-0.32
Khashm el Girba					
Atbara	15-11	11.33	-0.26	11.35	-0.27
Kajnarti	14-11	135.38	-0.87	135.47	-0.87
Wadi Halfa					
Aswan Res.	15-11	117.46	—	117.25	—
D. S	15-11	86.41	-0.66	86.41	-0.78
El Leisi	15-11	18.98	-1.75	18.86	-1.97
Roda (Cairo)	15-11	16.02	-1.15	16.02	-1.21

Pressure and Wind at 8h. 15-11-37



General Situation

High pressure extends from Asia Minor to Egypt.
An extensive low pressure system over Italy 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 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	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	-2	SW	2	17	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1016.8	-1.0	WNW	2	19.0	28	+2	16	+1	87	+26	—	—	—	—	25	149	56	حيفا
Gaza	1016.7	+0.7	W	1	20.0	28	+2	16	+2	78	+6	4	4	—	2	0	60	23	غزة

ANNUAL SUBSCRIPTION

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

Printed by the Survey of Egypt 1936 (3e ...)

CAIRO
Time of sunrise 06h 21m
sunset 16h 58m

Month November نوفمبر 1937 ١٩٣٧ شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	Region	Station	14h on 15th (الساعة ١٤ يوم ١٥) Bar. Pressure reduced to M.S.L. mb	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h on Tuesday 16th (الساعة ٨ الثلاثاء ١٦) 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
	Mediterranean	Salûm	1020.4	WSW	3	22.6	34	2	6	1019.8	+1.3	W	6	14.8	25	—	8	—	51	—	1	6	Cc	1	0	4	—
		Matrûh	1019.2	WNW	3	20.8	72	3	6	1018.6	+0.9	S	2	15.8	21	-3	13	-1	75	-1	2	6	As	1	0	24	29
150		Dikheila	1019.4	WNW	2	20.0	59	3	—	1019.6	—	SSE	2	20.6	26	—	15	—	67	—	0	—	—	—	0	14	—
132		Alexandria	1018.8	NNE	2	23.8	54	4	8	1019.1	+1.1	—	0	21.0	27	+2	18	+2	67	-3	2	8	Ac	2	0	37	22
159		Damietta								1018.3	—	NE	2	21.2	26	—	18	—	57	—	3	7	Cc	2	0	46	16
134		Port Saîd	1018.6	NE	3	25.0	50	0	8	1019.0	+2.7	NW	3	21.2	26	+2	20	+3	59	-13	2	8	Sc	1	0	36	8
135		El 'Arîsh	1017.2	N	3	23.0	66	1	7	1018.7	—	SSE	1	21.0	25	—	17	—	74	—	4	6	St	1	0	38	8
136	Lower Egypt	Damanhûr								1019.6	+1.3	N	1	20.0	27	+1	16	+3	65	-22	3	8	Cu	1	0	43	11
137		Mansûra								1018.2	—	NNE	1	20.8	25	-2	17	+3	62	-18	1	7	Cs	1	0	67	5
		Tanta	1017.9	N	2	24.0	42	3	6	1019.4	+1.0	—	0	18.0	27	+1	15	+2	62	-20	4	5	As	2	0	40	3
		Zagâzîg	1017.9	NNE	3	23.9	53	2	8	1019.4	—	NNW	2	22.4	24	-2	17	+4	57	-25	1	8	Ci	1	0	27	7
	Middle Egypt, Cairo	Almâza	1017.6	N	3	24.0	43	4	8	1018.8	—	ENE	2	19.2	25	—	12	—	63	—	2	6	Cs	1	0	32	—
		Ezbekîya	1017.2	—	0	25.5	52	3	8	1018.4	+0.6	NNE	3	19.5	26	0	15	+1	80	0	1	6	Ci	1	0	14	3
		Gîza	1016.8	N	2	25.0	50	3	7	1018.4	+0.3	N	1	19.0	26	0	16	+4	70	-16	1	6	St	1	0	54	3
143		Helwân	1016.3	NNE	4	24.0	44	4	7	1017.8	-0.1	NE	5	19.0	25	0	16	+2	63	-7	0	6	—	0	0	24	2
144		Suez	1016.2	NNE	3	24.1	52	1	8	1018.3	+1.8	NNW	2	19.7	24	-2	17	+1	72	-5	1	7	As	1	0	25	6
153	Upper Egypt	Faiyûm	1016.6	N	3	24.0	54	2	8	1018.2	+0.5	NE	3	20.0	26	-1	16	+3	63	-12	0	7	—	0	0	dr.	1
154		Minya	1016.0	NNW	3	24.2	48	1	6	1017.0	-1.0	NNW	3	18.0	24	-1	15	+2	75	-3	0	5	—	0	0	dr.	—
155		Asyût	1015.8	NNW	3	24.2	45	0	8	1016.7	-0.8	WSW	3	16.0	26	0	13	+1	81	+10	0	7	—	0	0	0	2
156		Qena	1013.9	WNW	1	28.3	40	0	8	1015.8	-0.6	W	2	18.4	30	0	14	+1	71	+12	0	8	—	0	0	0	—
157		Luxor	1013.5	NNW	1	29.2	42	0	8	1014.8	—	NNW	1	21.4	30	—	12	—	65	—	0	8	—	0	0	dr.	—
158		Aswân	1012.0	NW	1	28.9	31	0	8	1014.7	-1.2	NNW	1	19.0	29	-2	14	-2	54	+6	0	8	—	0	0	dr.	—
148	Western Desert	Sîwa	1019.1	NNW	1	23.7	70	0	6	1019.6	+1.2	—	0	14.8	27	+1	8	-2	68	+2	0	6	—	0	0	dr.	1
149		Baharîya	1018.0	N	3	23.8	34	0	9	1018.4		NNW	1	17.0	23	—	11	—	67	—	0	9	—	0	0	0	—
151		Khârga	1015.6	N	3	25.3	45	0	9	1015.1	-1.7	N	2	17.8	26	-3	13	0	71	+10	0	9	—	0	0	0	dr.
152		Dâkhla	1016.8	NNE	3	24.0	27	0	7	1018.0	-0.1	WNW	2	16.0	25	-4	12	0	52	+2	0	7	—	0	0	0	—
145	Red Sea	Tôr	1013.8	NW	6	26.0	62	0	6	1014.8	-1.3	NE	2	21.8	27	+1	17	+3	58	-6	0	6	—	0	0	19	3
146		Hurghâda																									dr.
147		Quseir	1013.6	NNE	3	26.8	56	0	7	1014.2	-1.5	NNW	3	26.4	29	+1	21	+1	84	+37	0	7	—	0	0	4	2
169		Port Sudan								1012.6	-1.1	N	5	28.2	34	+3	25	+1	74	+6	3	—	—	2	5	32	35
165	North Sudan	Wâdi Halfa								1015.7	-0.3	NNE	4	17.4	30	-1	15	+1	49	+5	0	8	—	0	—	—	—
166		Kareima								1011.5	-2.4	NNE	3	24.8	34	-1	21	+3	34	+1	0	8	—	0	0	dr.	1
167		'Atbara								1010.3	-2.0	NNE	3	27.6	37	+2	22	+3	40	+8	0	—	—	0	0	1	1
168		Khartûm								1007.8	-3.6	NNW	4	28.0	37	+1	21	+1	39	+6	0	7	—	0	0	2	5
170		Kassala								1006.8	-3.4	NE	3	28.8	38	+1	22	+1	52	+3	0	8	—	0	0	dr.	11
171	Central Sudan	Wad Medani								1007.9	-3.0	N	2	25.8	36	-1	16	-4	34	+1	0	—	—	0	0	1	12
173		Dueim								100[illegible].7	-2.3	NW	3	26.8	36	-1	21	+2	41	+5	0	—	—	0	0	14	12
		Renk																									
172		Roseires								1007.8	-2.3	WNW	2	26.2	37	0	18	0	39	-13	0	—	—	1	0	8	34
174		El Obeid								1010.5	-2.2	NNW	3	21.8	33	-1	17	+1	36	+2	2	8	Ci	0	0	8	19
175		El Fâsher								—	—	NW	1	18.0	35	+1	11	-2	57	+25	0	—	—	0	0	32	8
176	S. Sudan	Malakâl								1008.4	-2.4	NE	3	26.2	34	-1	19	0	42	-10	2	8	Ac, Cs	1	0	47	86
177		Wau								1008.6	-1.5	N	2	23.2	35	0	17	-3	54	-18	0	—	—	0	0	164	136
178		Jûba								1010.5	+0.1	SSE	3	23.8	34	-2	21	+1	76	+2	4	7	Sc	1	0	144	113
179		Geneina								—	—	NNE	5	16.8	31	—	11	—	43	—	4	8	Ac, Cs	1	0	14	—
180		Gallabat																									

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

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

Height metres above M.S.L.	Salum 07h30m Dir.	Kms	Matruh 07h00m Dir.	Kms	Cairo 06h30m Dir.	Kms	Helwan 09h00m Dir.	Kms	Asyut 07h00m Dir.	Kms	Aswan 07h00m Dir.	Kms	W.Halfa 06h00m Dir.	Kms	Kareima 06h00m Dir.	Kms	Khartum 06h00m Dir.	Kms	Kussala 06h00m Dir.	Kms	El Obeid 06h00m Dir.	Kms	Malakal 06h00m Dir.	Kms	Juba 07h00m Dir.	Kms	Salum 15th 13h45m Dir.	Kms	Almaza 15th 11h45m Dir.	Kms
200	250	40	250	19	50	25	40	30	—	—	—	—	0	26	—	—	—	—	—	—	—	—	—	—	—	—	250	21	30	27
500	290	25	300	17	50	16	40	—	30	24	50	17	20	31	20	42	80	40	—	—	—	—	30	14	—	—	250	11	30	38
1000	310	18	340	13	30	26	310	10	0	25	60	19	40	31	70	43	40	27	120	21	10	48	20	31	110	14	250	22	40	33
1500	0	10			50	10	190	2	180	24	10	3	290	8	60	26	30	14	60	14	40	26	30	21	120	31	280	18	40	48
2000	tail				30	10			190	10	320	15	220	24	110	2	140	16	50	14	170	11	40	18	130	24	tail		80	18
3000					10	22			0	15			230	14	60	16			60	18					110	16				
4000					260	18							290	5	70	11														
5000					tail								260	5																
6000													320	13																
7000													250	11																

Forecast for 24 hours from noon on 16th

On the coast moderate winds chiefly westerly. Inland fresh northeasterly winds moderating.

Occasional medium cloud.

Possibly light rain on the coast in the west.

Normal temperature.

تغيرات الضغط الجوي في ٢٤ ساعة مرتفعة يوم ١٦

رياح معتدله أغلبها غربيه على السواحل ورياح شديده نوعا شماليه شرقيه تعتدل في الداخل

يظهر بعض السحاب الاوسط ويحتمل أن تمطر خفيفا على السواحل في الغرب

ودرجه الحراره حول المعدل

Station	Mean of day: Humidity % on 15th	Diff. from normal	Wet bulb temp. °C on 15th	Diff. from normal
Alexandria	58	-7	16.9	+1.0
Ezbekiya	69	+1	17.4	+1.0
Giza	70	-2	16.4	+0.4
Helwan	58	+2	15.2	+1.1

… on 16th 11.4

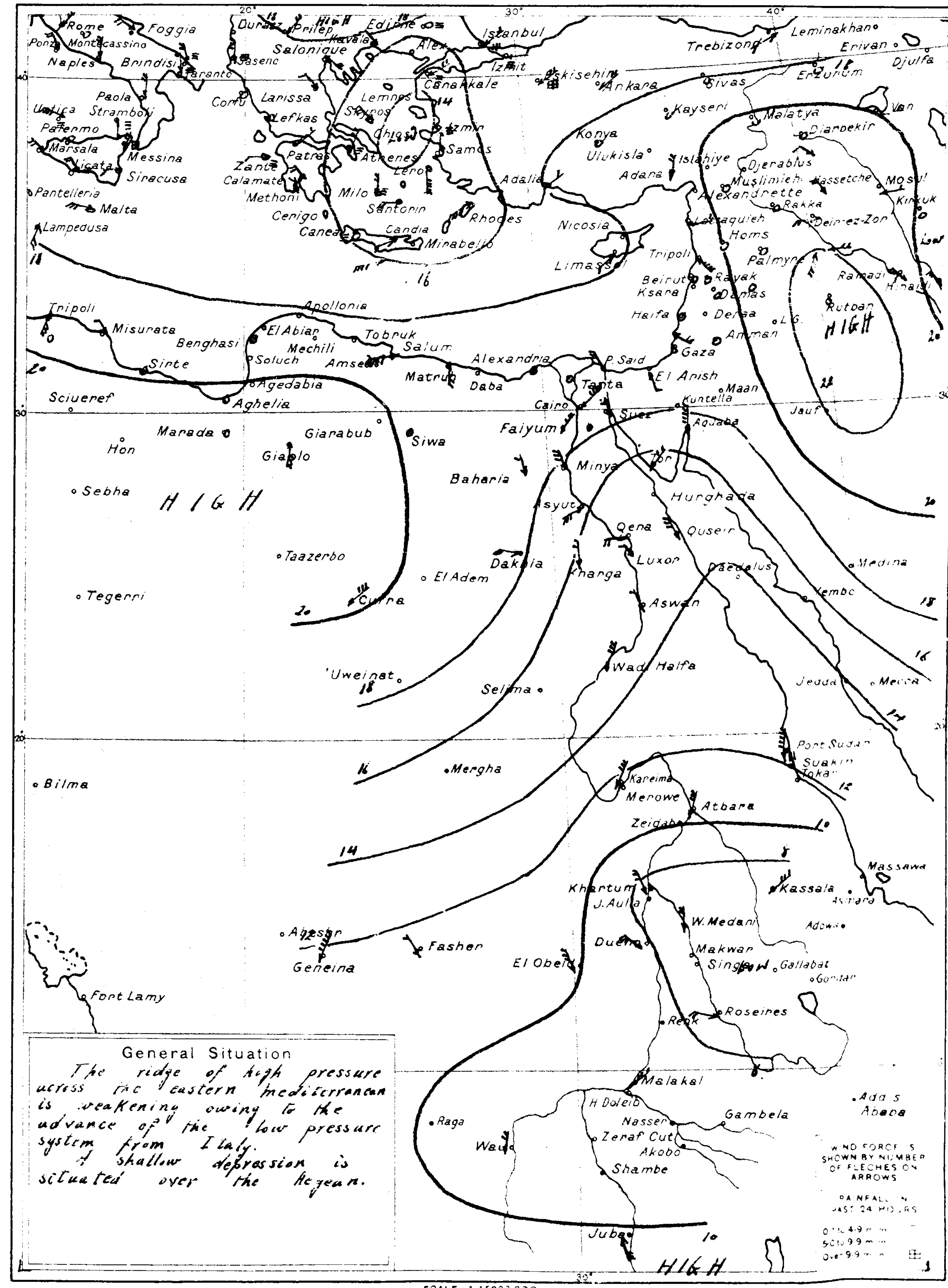
Discharges at Aswan measured by sluices m.³ per sec.

Date	1937	1936
15-11	1156	1621
14-11	1156	2026

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	15-11	13.84	+0.17	14.01	+0.34
Nasser	15-11	10.49	+0.03	10.51	+0.03
Malakâl	16-11	12.41	+0.10	12.41	+0.09
Roseires	16-11	14.09	+0.07	14.14	+0.06
Sennâr Res	15-11	19.33	—	19.26	—
Khartûm	15-11	12.03	-0.28	12.02	-0.32
Kh. el Girba					
Atbara	16-11	11.30	-0.25	11.33	-0.26
Kajnarti	16-11	135.23	-0.87	135.30	-0.88
Wadi Halfa					
Aswân Res	15-11	117.46	—	117.25	—
D. S.	15-11	86.41	-0.66	86.41	-0.78
El Leisi	16-11	18.95	-1.69	18.98	-1.75
Roda (Cairo)	16-11	16.06	-1.05	16.02	-1.15

Printed by the Survey of Egypt 1936 (367/500)

Pressure and Wind at 8 h 16-11-37 ٣٧-١١-١٦



General Situation

The ridge of high pressure across the eastern mediterranean is weakening owing to the advance of the low pressure system from Italy.

A shallow depression is situated over the Aegean.

At 8 h on 15th — الساعة ٨ يوم ١٥

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	1020	+3	SW	2	16	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1019.8	+4.0	WNW	2	21.4	28	+2	17	+2	66	+5	5	—	—	—	0	149	59	حيفا
Gaza	1019.0	+3.0	—	0	19.1	27	+2	17	+3	44	-28	0	9	—	0	0	60	24	غزة
Hurghada	1016.6	+0.4	NNW	4	22.4	29	+2	18	+3	69	+16	0	9	—	0	0	tr.	dr.	الغردقة

Ships (سفن):
33333 25206 25400 17572 32001 51501 66X05
33333 26506 20400 17871 60060 52300

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

Time of sunrise 06 h 22 m
sunset 16 h 58 m

Month *November* 1937 ١٩٣٧ شهر نوفمبر

DAILY WEATHER REPORT

No.	STATION	At 14h. on 16th ١٦ 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 17th ١٧ الساعة ٨ يوم الأربعاء: 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	1017.2	WSW	4	25.5	31	2	8	1019.4	+0.9	WNW	3	14.6	26	—	13	—	93	—	1	6	Cu	1	0	4	—
	MATRÛH	1017.0	N	1	23.2	49	0	6	1017.0	-0.7	SSW	1	17.3	23	0	15	+1	75	-1	0	6	—	0	0	24	30
	DIKHEILA	1018.4	NW	2	22.3	57	1	8	1018.7	—	ESE	2	20.0	24	—	16	—	65	—	3	7	Cc	1	0	19	—
132	ALEXANDRIA	1017.9	NW	2	23.5	59	1	9	1017.8	-0.2	—	0	22.4	26	+2	17	+1	64	-6	3	7	Ac	2	0	37	23
159	DAMIETTA								1017.4	—	N	2	20.0	26	—	16	—	74	—	3	6	Cs	1	0	46	17
134	PORT SAÏD	1017.8	NE	3	25.0	47	0	8	1017.4	+1.0	NE	4	23.2	26	+2	20	+3	58	-14	2	8	Ac	1	0	36	9
135	EL ʿARÎSH								1016.4	—	—	0	22.2	24	—	16	—	74	—	4	7	St	1	0	38	9
136	EGYPT: DAMANHÛR								1018.2	-0.1	NNE	1	18.1	26	0	14	+1	75	-12	3	7	Cu	1	0	43	12
137	MANSÛRA								1017.1	—	E	1	18.8	26	-1	16	+2	75	-5	1	7	Cc	1	0	67	5
	TANTA	1016.7	N	2	25.0	47	3	6	1017.8	-0.6	—	0	18.0	26	0	13	0	66	-16	2	6	Cs	1	0	40	3
	ZAGÂZÎG	1016.6	NNW	2	24.4	45	2	8	1017.4	—	NNW	1	18.8	24	-2	14	+1	77	-5	1	8	Cs	1	0	27	2
	MIDDLE EGYPT, CAIRO: ALMÂZA	1016.6	NE	3	24.5	31	4	8	1017.4	—	NE	2	17.9	25	—	12	—	73	—	4	6	Ci	2	0	32	—
	EZBEKÎYA	1015.9	NNE	2	25.5	46	3	9	1017.1	-0.8	NNE	2	17.0	27	+2	14	+1	90	+10	3	5	Cs	1	0	14	3
	GÎZA	1015.6	NNE	2	25.4	43	3	8	1017.4	-0.7	NNW	1	15.8	26	+1	12	0	89	+3	4	5	As	1	0	54	3
143	HELWÂN	1015.5	NNE	5	24.2	38	3	8	1016.8	-1.1	NNE	4	19.0	24	-1	16	+2	63	-7	4	6	Ci	2	0	24	3
144	SUEZ	1015.8	N	3	24.9	47	1	8	1016.7	+0.2	NW	2	19.2	25	-1	17	+1	71	-6	1	7	As	1	0	25	6
153	UPPER EGYPT: FAIYÛM	1016.0	N	4	25.0	39	1	7	1017.2	-0.6	N	4	18.8	26	-1	14	+1	72	-3	2	7	Cu	0	0	dr.	1
154	MINYA	1013.6	N	3	24.8	46	0	6	1015.4	-2.7	N	3	16.8	25	0	14	+1	75	-3	1	6	Cu	1	0	dr.	—
155	ASYÛT	1013.3	NNW	3	25.8	40	0	8	1015.2	-2.3	WSW	3	15.8	28	+2	12	0	81	+10	3	7	Sc	2	0	0	2
156	QENA	1011.8	WNW	2	28.0	40	0	8	1014.6	-1.9	NNW	1	19.0	29	-1	15	+2	66	+7	0	8	—	0	0	0	—
157	LUXOR	1011.8	NNW	1	30.0	43	0	8	1013.6	—	ENE	1	22.0	33		13	—	63		0	8	—	0	0	dr.	—
158	ASWÂN	1009.9	NW	1	29.5	32	0	8	1013.3	-2.8	NNW	1	21.4	30	-1	16	0	46	-2	0	8	—	0	0	dr.	—
148	WESTERN DESERT: SÎWA	1017.6	NNW	1	24.4	72	0	6	1019.4	+1.0	—	0	16.3	28	+2	9	-1	69	+3	2	6	Cu	1	0	dr.	1
149	BAHARÎYA	1017.2	SW	2	24.3	39	0	9	1017.6		—	0	15.8	24		13		80	—	1	9	—	1	0	0	—
151	KHARGA	1012.6	N	2	26.4	46	0	9	1015.0	-1.9	—	0	16.8	26	-3	11	-1	74	+12	0	9	—	0	0	0	dr.
152	DÂKHLA	1014.4	NNE	2	24.4	31	0	8	1016.8	-1.4	NW	2	15.7	25	-4	11	-1	60	+9	0	7	—	0	0	0	—
145	RED SEA: TOR	1012.3	NW	5	25.5	69	0	6	1013.3	-2.9	N	3	21.5	26	0	17	+3	66	+2	0	6	—	0	0	19	3
146	HURGHADA								1012.4	-3.9	NNW	5	22.6	27	0	17	+2	77	+24	—	8	Cc	1	0	tr.	dr.
147	QUSEIR	1012.4	N	3	27.3	87	0	7	1013.3	-2.4	NNW	1	26.1	28	0	20	+1	49	+2	0	7	—	0	0	4	2
169	PORT SUDAN								1012.2	-1.5	N	3	28.0	32	+1	24	+1	86	+12	3	—	—	1	dr.	32	37
165	NORTH SUDAN: WADI HALFA								1014.5	-1.6	NNE	3	17.4	29	-2	15	+1	45	0	2	8	Cs	1	—	—	—
166	KAREIMA								1010.8	-3.2	NE	2	24.0	35	0	20	+2	33	0	3	8	Cs	0	0	dr.	1
167	ʿATBARA																									1
168	KHARTÛM								1008.5	-3.0	NW	4	27.0	39	+3	23	+3	43	+10	2	8	Ci,Ac	0	0	2	5
170	KASSALA								1007.1	-3.2	E	1	28.3	37	0	21	0	57	+7	0	8	—	0	0	dr.	11
171	CENTRAL SUDAN: WAD MEDANI								1007.9	-3.1	N	2	26.0	38	+1	20	0	69	+36	1	—	—	0	15	16	13
173	DUEIM								1007.4	-3.3	N	3	27.8	37	0	21	+2	46	+11	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1006.7	-3.4	SSW	2	29.7	39	+2	21	+3	40	-12	1	—	—	0	0	8	34
174	EL OBEID								1009.6	-3.2	N	4	23.9	34	0	20	+4	33	-1	0	8	—	0	0	8	19
175	EL FASHER								—	—	NW	1	20.0	34	0	13	0	55	+23	0	—	—	0	0	32	8
176	S. SUDAN: MALAKÂL								1007.9	-3.0	NNE	2	27.7	37	+2	20	+1	57	+6	0	8	—	1	0	47	87
177	WAU								1008.3	-1.9	NW	2	23.0	37	+2	20	+1	62	-9	3	—	—	0	0	164	137
178	JÛBA								1009.9	-0.5	SW	4	23.1	36	0	20	0	83	+9	4	8	Ac,Cs	5	10	154	114
179	Geneina								—	—	NE	4	16.8	31	—	11	—	43	—	2	8	Cs	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 17th ارصاد الرياح العليا يوم ١٧

Directions are degrees E. of N; speeds are Kms per hour.

Height metres above M.S.L.	Salum 07h 30m Dir	Salum Kms	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 06h 00m Dir	W. Halfa Kms	Kareima 06h 00m Dir	Kareima Kms	Khartum 05h 00m Dir	Khartum Kms	Kassala 07h 00m Dir	Kassala Kms	El Obeid 07h 00m Dir	El Obeid Kms	Malakal 06h 00m Dir	Malakal Kms	Juba 06h 00m Dir	Juba Kms	Salum 16th 13h 00m Dir	Salum 16th Kms	Almaza 16th 12h 00m Dir	Almaza 16th Kms
200	300	18	300	23	40	30	40	42	—	—	—	—	350	13	—	—	—	—	—	—	—	—	—	—	—	—	250	28	30	15
500	260	3	310	26	40	31	40	59	10	25	30	17	20	19	—	—	10	26	—	—	—	—	0	14	—	—	240	28	30	29
1000	300	16	290	29	50	32	50	18	20	22	150	3	40	16	60	37	50	27	90	19	30	51	10	19	160	21	250	14	40	48
1500	300	28	280	26	30	60	40	36	130	8	210	11	300	10	120	5	50	39	120	29	50	45	30	26	160	32	320	7	30	60
2000	280	24			20	48	100	10	160	18			220	21	230	23	60	47	110	14	60	26	30	24	190	45	270	22	30	18
3000	270	39			40	6									30	6	60	47					70	13	190	40	tail			
4000	280	30																												
5000																														
6000																														

Forecast for 24 hours from noon on 17th

On the coast light to moderate winds chiefly westerly; inland moderate to fresh northeast to north winds.
Variable sky.
Rain in eastern Egypt probable tomorrow.
Little change in temperature.

تنبؤات الطقس المنتظرة ٢٤ ساعة من ظهر يوم ١٧

رياح ما بين الخفيفة والمعتدلة اغلبها غربية على السواحل
ورياح ما بين المعتدلة والشديدة نوعا شمالية شرقية الى شمالية في الداخل
يظهر كثير من السحاب وقد تمطر في شرق القطر المصري غدا في الغالب
وليس هناك تغيير يذكر في درجة الحرارة

STATION	Mean of day: Humidity 16th	Diff. from normal	Wet bulb temp. 16th	Diff. from normal
Alexandria	65	0	17.5	+1.7
Ezbekiya	70	+2	17.4	+1.1
Giza	62	-10	16.4	+0.4
Helwan	53	-4	15.2	+1.2

Grass minimum on 17th 9.7 °C

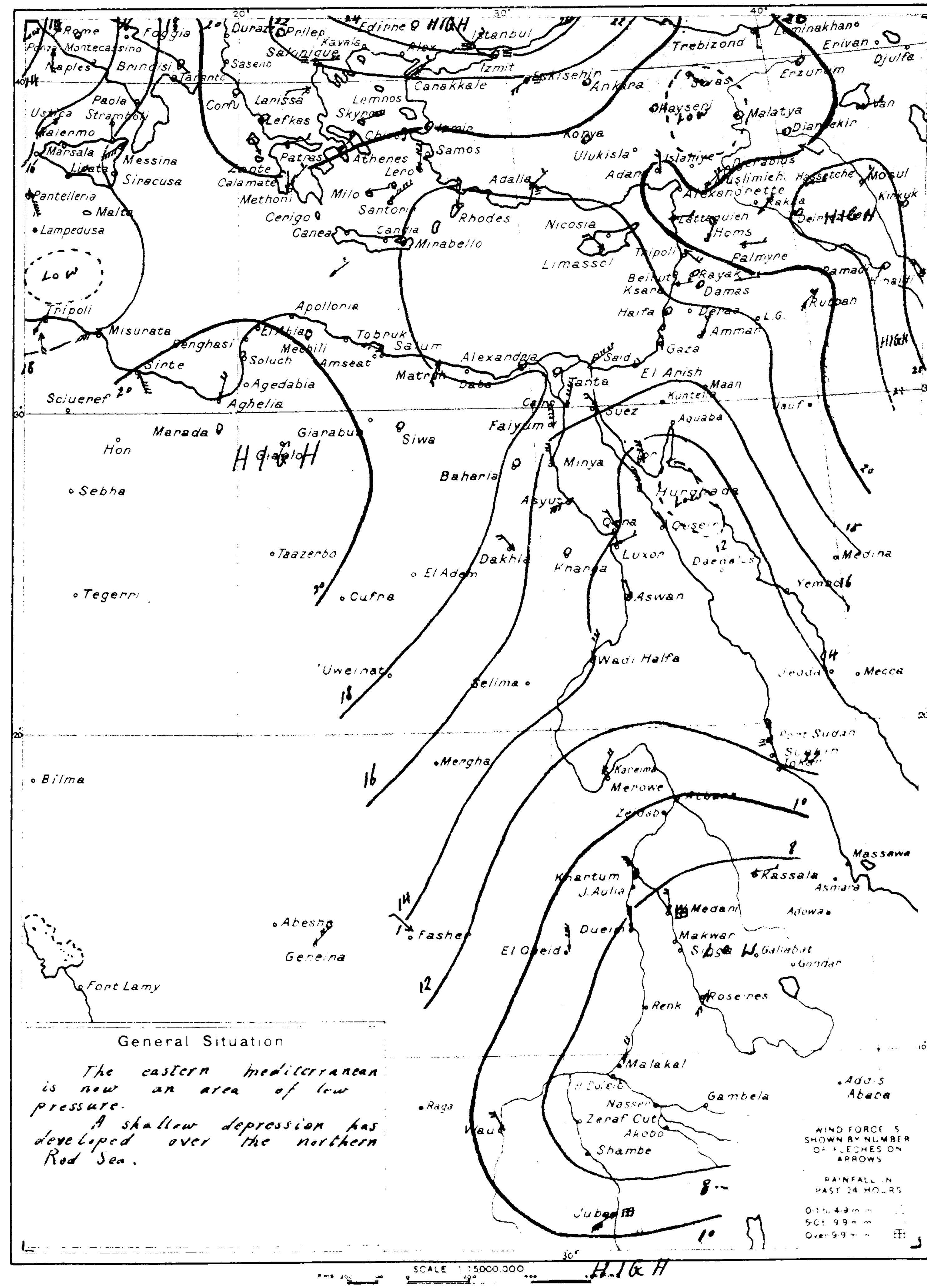
Discharges at Aswan measured by sluices m^3 per sec.

DATE	1937	1936
17-11	1155	1390
16-11	1160	1388

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	17-11	13.87	+0.21	13.90	+0.24
Nasser	16-11	10.48	+0.04	10.49	+0.03
Malakal	17-11	12.40	+0.09	12.41	+0.10
Roseires	17-11	14.12	+0.15	14.09	+0.07
Sennar Res	16-11	19.42	—	19.33	—
Khartûm	16-11	12.01	-0.26	12.03	-0.28
Kh. el Girba					
Atbara	17-11	11.29	-0.24	11.30	-0.25
Kajnarti	17-11	135.20	-0.84	135.23	-0.87
Wadi Halfa					
Aswan Res	17-11	117.90	—	117.70	—
D.S	17-11	86.42	-0.40	86.42	-0.52
El Lesi	17-11	18.93	-1.64	18.95	-1.69
Roda (Cairo)	17-11	15.97	-1.08	16.06	-1.05

Printed by the Survey of Egypt 1936

١٧-١١-٣٧ Pressure and Wind at 8 h. 17-11-37



General Situation

The eastern mediterranean is now an area of low pressure.
A shallow depression has developed over the northern Red Sea.

STATION	At 8h. on 16th ١٦ 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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1017	0	SW	1	16	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1018.6	+2.7	—	0	20.5	29	+3	17	+3	66	+5	2	—	—	—	0	149	61	حيفا
Gaza	1017.9	+1.9	—	0	17.2	25	0	13	-1	78	+6	0	9	—	0	0	60	25	غزه
Hurghada	1015.6	-0.7	NW	5	22.4	27	0	18	+3	74	+21	0	9	—	0	0	tr.	dr.	الغردقه

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. ...
Abroad P.T. 150

CAIRO

Time of sunrise 06 h 23 m

sunset 16 h 58 m

Month *November*, 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT ٣٧-١١-١٨

No.	STATION	At 14h. on 17th (الساعة ١٤ يوم ١٧): Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 18th (الساعة ٨ يوم الخميس ١٨): 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: SALŪM	1018.4	NNE	4	18.9	87	2	5	1019.8	+1.3	WNW	4	14.2	22	—	13	—	94	—	2	5	Sc	1	2	6	—
	MATRŪH	1016.0	NNW	3	22.6	39	2	6	1017.5	-0.2	WSW	2	17.8	23	0	16	+2	86	+10	3	6	Cu	2	2	26	31
	DIKHEILA	1017.4	W	1	22.8	51	0	8	1017.9	—	S	1	19.9	24	—	15	—	73	—	1	8	Ac	1	0	19	—
132	ALEXANDRIA	1016.6	W	1	24.0	54	0	9	1017.0	-1.0	—	0	20.5	25	+1	17	+1	74	+4	1	7	Cu	0	0	37	24
159	DAMIETTA								1016.0	—	WSW	1	18.8	26	—	16	—	87	—	1	8	Cu	1	0	46	17
134	PORT SAÏD	1016.4	NE	3	25.0	55	1	8	1016.6	+0.2	NW	3	24.0	26	+2	20	+4	57	-15	2	8	Ac	1	0	36	9
135	EL 'ARÎSH	1014.7	NNW	1	23.2	76	4	6	1014.7	—	NNW	2	23.3	25	—	22	—	75	—	3	6	Cb	1	0	38	9
136	LOWER EGYPT: DAMANHÛR								1017.4	-0.9	WNW	1	16.2	27	+1	14	+1	88	+1	1	6	Cu	1	0	43	12
137	MANSÛRA								1016.3	—	NNW	1	18.5	27	+1	15	+1	82	+2	1	7	Cs	1	0	67	5
138	TANTA	1015.6	NNE	1	26.0	55	2	6	1017.2	-1.2	—	0	17.0	27	+1	13	0	90	+8	0	6	—	0	0	40	3
[illegible]	ZAGÂZÎG	1015.5	NNW	3	24.2	61	2	8	1016.7	—	NNW	2	19.3	24	-2	14	+1	79	-3	1	8	Cs	1	0	27	2
[illegible]	MIDDLE EGYPT: CAIRO ALMÂZA	1015.8	NE	3	24.5	49	4	8	1017.2	—	SE	1	17.9	25	—	12	—	79	—	6	5	Ac	4	0	32	—
	CAIRO EZBEKÎYA	1015.0	NE	2	26.4	55	1	9	1017.0	-0.9	—	0	17.5	27	+2	14	+1	95	+15	6	5	—	0	0	14	3
	CAIRO GÎZA	1014.8	NNW	3	25.6	50	3	9	1017.0	-1.2	NNW	1	16.1	26	+1	12	0	91	+5	8	4	St	1	0	54	3
143	HELWÂN	1014.2	NNE	4	24.3	45	2	8	1017.1	-0.9	WNW	1	16.0	25	+1	14	0	90	+20	0	4	—	0	0	24	3
144	SUEZ	1014.7	NNE	3	23.8	55	2	8	1016.2	-0.4	NW	2	18.8	24	-2	16	0	81	+4	2	6	Cu	1	0	25	6
153	UPPER EGYPT: FAIYÛM	1014.4	NNE	4	25.6	44	1	6	1016.8	-1.0	NNW	2	18.2	26	0	13	+1	80	+5	0	6	—	0	0	dr.	1
154	MINYA	1013.4	NNW	3	24.5	47	1	8	1016.4	-1.7	NNW	3	17.0	25	0	14	+1	83	+5	0	7	—	0	0	dr.	—
155	ASYÛT	1012.7	WNW	3	27.2	39	2	8	1016.2	-1.4	WNW	3	16.8	28	+2	13	+1	81	+10	0	7	—	0	0	0	2
156	QENA	1011.6	WNW	2	27.5	42	3	8	1014.8	-1.8	W	2	19.3	29	-1	14	+1	66	+6	0	8	—	0	0	0	—
157	LUXOR	1011.1	WNW	1	30.7	40	3	8	1014.0	—	ESE	2	22.6	32	—	12	—	60	—	0	8	—	0	0	dr.	—
158	ASWÂN	1009.6	—	0	32.2	33	1	8	1013.6	-2.5	SW	1	20.6	34	+4	17	+2	57	+9	1	8	Cu	2	0	dr.	—
148	WESTERN DESERT: SÎWA	1016.6	WNW	1	26.5	66	0	6	1019.5	+1.0	—	0	17.9	28	+3	11	+1	76	+9	0	6	—	0	0	dr.	1
149	BAHARÎYA	1015.1	NNE	2	26.0	36	0	9	1017.6		—	0	17.6	26	—	10	—	64	—	0	9	—	0	0	0	
151	KHÂRGA	1012.3	NE	1	27.6	38	0	9	1015.9	-1.0	N	2	18.6	28	-1	17	+5	78	+16	0	9	—	0	0	0	dr.
152	DÂKHLA	1014.2	NNW	2	25.0	28	0	8	1017.8	-0.4	WNW	1	17.5	25	-3	14	+2	57	+6	0	7	—	0	0	0	
145	RED SEA: TOR	1011.6	NW	6	25.5	72	0	6	1013.0	-3.2	N	2	21.0	26	0	17	+3	69	+5	0	6	—	0	0	19	3
146	HURGHÂDA																									dr.
147	QUSEIR	1012.3	NNE	2	26.2	66	1	7	1012.8	-3.0	N	3	25.4	28	0	21	+2	57	+10	2	6	Ac	1	0	4	2
169	PORT SUDAN								1011.6	-2.2	SW	1	28.8	32	+1	25	+2	76	+8	3	—	—	0	0	32	39
165	NORTH SUDAN: WÂDI HALFA								1015.7	-0.5	NNE	3	17.4	30	0	14	0	48	+3	0	8	—	c	—	—	
166	KAREIMA								1012.7	-1.4	NE	2	23.5	36	+1	20	+2	33	-1	0	8	—	0	0	dr.	1
167	'ATBARA								1010.8	-1.7	NE	2	26.0	36	+1	21	+2	47	+14	0	—	—	0	0	1	1
168	KHARTŪM								1009.6	-2.0	NNW	4	26.9	39	+3	22	+2	31	-2	0	7	—	0	0	2	5
170	KASSALA								1007.2	-3.2	ENE	1	26.9	39	+2	21	0	63	+13	1	8	As	0	0	dr.	11
171	CENTRAL SUDAN: WAD MEDANI																									13
173	DUEIM								1009.8	-1.4	N	3	27.4	39	+2	24	+5	45	+10	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1007.4	-2.8	WSW	2	29.0	40	+3	23	+5	45	-6	1	—	—	2	2	10	34
174	EL OBEID								1010.9	-2.0	N	4	24.8	35	+1	21	+5	28	-6	3	8	AC	1	0	8	19
175	EL FÂSHER								—	—	N	1	21.0	35	+1	13	0	61	+29	0	—	—	0	0	32	8
176	S. SUDAN: MALAKÂL								1008.6	-2.3	N	3	26.8	37	+2	22	+3	56	+6	2	8	Cs	1	0	47	87
177	WÂU								[illegible]	—	SE	1	24.0	38	+3	22	+3	75	+4	2	—	—	0	0	164	138
178	JŪBA								1010.7	+0.3	SSW	4	23.9	36	0	19	-1	75	+1	4	9	Cs,Ac	2	0	154	116
179	Geneina								—	—	NE	4	17.5	33	—	13	—	43	—	0	8	—	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 18th ارصاد الرياح العليا يوم ١٨

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

Height	Salum 08h00m Dir	Kms	Matruh 07h00m Dir	Kms	Cairo 09h00m Dir	Kms	Helwan 08h45m Dir	Kms	Asyut 07h00m Dir	Kms	Aswan 07h00m Dir	Kms	W. Halfa 06h00m Dir	Kms	Kareima 06h00m Dir	Kms	Khartum 06h00m Dir	Kms	Kassala 06h00m Dir	Kms	El Obeid 06h00m Dir	Kms	Malakal 06h00m Dir	Kms	Juba 07h00m Dir	Kms	Salum 17th 14h00m Dir	Kms	Almaza 17th 11h30m Dir	Kms
200	300	20	330	8	14	13	350	8	—	—	—	—	10	13	—	—	—	—	—	—	—	—	—	—	—	—	20	20	50	23
500	10	8	350	22	30	17	20	18	0	43	10	28	10	32	20	43	350	37	—	—	—	—	10	37	—	—	20	21	50	45
1000	0	6	340	19	20	21	20	25	350	48	0	30	0	14	40	34	30	51	50	26	30	37	20	31	160	31	330	22	50	45
1500	340	10	350	23	0	17	350	25	350	45	200	12	230	14	30	24	30	26	30	32	50	45	50	31	180	18	300	29	30	39
2000	0	19	0	20	0	16	10	18	330	45	230	30	220	24	250	8	350	16	30	31	90	31	40	10	180	29	300	11	50	21
3000	350	25											250	26	280	27					70	14	80	13	170	43	Ext. Cb			
4000	tail														340	10									180	27				
5000																														
6000																														

Forecast for 24 hours from noon on 18th

On the coast moderate west to northwest winds. Inland moderate winds between northwest and northeast.

Some low cloud.

Possibly scattered showers with thunder.

Normal temperature.

تغيرات الطقس المنتظرة: ٢٤ ساعة من ظهر يوم ١٨

رياح معتدلة غربية الى شمالية غربية على السواحل وشمالية غربية الى شمالية شرقية في الداخل

يظهر بعض السحاب المنخفض

ويحتمل أنه تمطر في أنحاء متفرقة ويكون ذلك مقرونا بالرعد

درجة الحرارة متوسطة

STATION	Mean of day: Humidity % on 17th	Diff. from normal	Wet bulb temp. on 17th	Diff. from normal
Alexandria	65	0	17.8	+2.1
Ezbekiya	77	+9	17.8	+1.6
Giza	74	+1	16.8	+1.0
Helwan	59	+2	16.0	+2.1

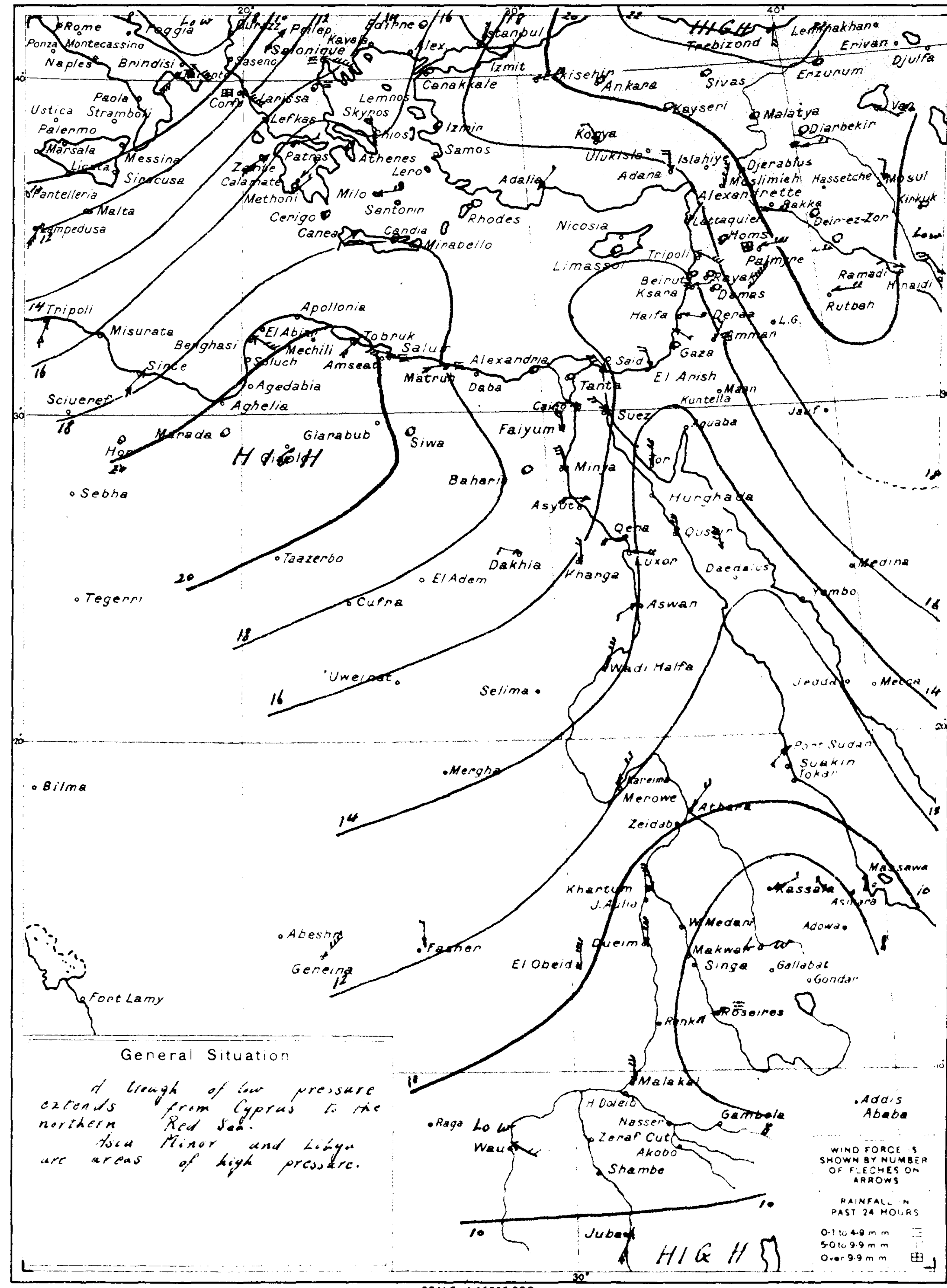
Giza Grass minimum on 18th 9.6 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1937	1936
17-11	1155	1390
16-11	1160	1388

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	17-11	13.87	+0.21	13.90	+0.24
Nasser	16-11	10.48	+0.04	10.49	+0.03
Malakal	17-11	12.40	+0.09	12.41	+0.10
Roseires	17-11	14.12	+0.15	14.09	+0.07
Sennâr Res.	17-11	19.52	—	19.42	—
Khartūm	16-11	12.01	-0.26	12.03	-0.28
Kh. el Girba					
Atbara	17-11	11.29	-0.24	11.30	-0.25
Kajnarti	18-11	135.18	-0.78	135.20	-0.84
Wâdi Halfa					
Aswân Res.	17-11	117.90	—	117.70	—
D. S.	17-11	86.42	-0.40	86.42	-0.52
El Leisi	17-11	18.93	-1.64	18.95	-1.69
Roda (Cairo)	17-11	15.97	-1.08	16.06	-1.05

Pressure and Wind at 8h. 18-11-37



General Situation

A trough of low pressure extends from Cyprus to the northern Red Sea.

Asia Minor and Libya are areas 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

STATION	At 8h. on 17th (الساعة ٨ يوم 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.	مرصد
Limassol	1017	0	NW	2	14	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1016.8	+0.9	—	0	21.3	27	+2	16	+2	62	+1	2	—	—	—	0	149	64	حيفا
Gaza	1016.6	+0.6	N	1	18.0	25	0	14	0	82	+10	0	9	—	0	0	60	26	غزة
Ship	53234	75606	29302	13871															سفينة

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 06h 24m
sunset 16h 57m

Month **November** 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 18th — الساعة ١٤ يوم ١٨ | At 8h. on Friday 19th — الساعة ٨ يوم الجمعة ١٩

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	Rain Past 24 hours mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
[illegible]	MEDITERRANEAN: SALŪM	1018.7	NNE	2	20.9	66	3	7	1016.7	-1.8	WSW	6	15.7	23	—	14	—	59	—	2	5	Ac	1	0	6	—
	MATRŪH	1016.2	NNW	3	22.1	72	2	6	1015.9	-1.9	SSW	3	15.9	22	-1	15	+1	87	+11	2	6	Sc	1	0	26	31
	DIKHEILA	1016.6	NW	2	22.6	66	2	8	1016.3	—	WNW	2	22.2	23	—	18	—	67	—	3	6	Ns	1	0	19	—
132	ALEXANDRIA	1015.9	NW	2	23.8	60	2	9	1017.2	-0.8	WNW	2	21.8	25	+1	19	+3	69	-1	2	8	Cu	2	0	37	25
159	DAMIETTA								1015.2	—	SW	2	18.5	26	—	16	—	80	—	0	8	—	1	dr	46	18
134	PORT SAʿĪD	1015.4	NW	2	25.0	54	1	8	1015.5	-1.0	SW	5	21.2	27	+3	19	+3	74	+1	0	8	—	1	0	36	10
135	EL ʿARĪSH	1013.6	WNW	2	21.0	91	4	6							—		—		—							10
136	LOWER EGYPT: DAMANHŪR								1016.0	-2.3	WSW	1	19.0	28	+2	15	+2	81	-6	3	8	Cu	1	0	43	13
137	MANSŪRA								1014.8	—	NW	1	18.0	26	0	14	0	85	+5	0	8	—	0	0	67	5
138	TANTA	1016.3	NW	1	26.0	48	3	6	1016.3	-2.1	—	0	17.0	27	+1	13	0	90	+8	0	6	—	0	0	40	4
139	ZAGĀZĪG	1015.2	NNW	3	25.1	48	1	8	1016.7	—	WSW	1	19.9	25	-1	13	0	75	-7	0	8	—	1	0	27	2
141	MIDDLE EGYPT: CAIRO ALMĀZA	1015.8	NNW	2	24.1	49	2	8	1017.1	—	SSW	1	18.7	25	—	12	—	75	—	2	6	Sc	2	0	32	—
	CAIRO EZBEKĪYA	1015.0	NE	2	26.0	50	1	9	1016.4	-1.6	NNE	2	17.4	27	+2	15	+2	90	+10	1	5	Cc	1	0	14	3
	CAIRO GĪZA	1015.0	NW	2	23.9	51	3	8	1016.7	-1.6	SE	1	16.3	25	0	12	0	92	+6	8	4	Sc	1	0	54	3
143	HELWĀN	1014.7	NW	3	23.8	46	2	7	1016.8	-1.2	—	0	17.2	24	0	14	0	80	+10	1	5	Cs	0	0	24	3
144	SUEZ	1014.4	NNW	2	23.9	57	1	8	1015.9	-0.9	NNE	3	17.8	25	-1	15	0	85	+8	0	7	—	1	0	25	6
153	UPPER EGYPT: FAIYŪM	1015.5	NNW	3	24.3	43	1	8	1016.8	-1.1	NNW	1	19.0	26	0	13	+1	74	-1	2	7	Cc	1	0	dr	1
154	MINYA	1015.1	NNW	3	24.5	47	0	6	1017.2	-1.0	NNW	2	17.2	25	0	13	+1	76	-2	0	8	—	0	0	dr	—
155	ASYŪT	1014.3	NNW	4	25.0	34	0	8	1017.1	-0.6	WSW	3	16.2	26	0	13	+1	67	-4	0	7	—	0	0	0	2
156	QENA	1012.0	WSW	4	28.0	35	0	8	1015.6	-1.1	WSW	2	20.0	29	0	14	+1	57	-3	0	8	—	0	0	0	—
157	LUXOR	1013.6	W	2	27.8	40	0	8	1014.8	—	SSW	1	20.8	30	—	14	—	61	—	0	8	—	0	0	dr	—
158	ASWĀN	1011.4	N	3	29.2	23	0	8	1015.6	-0.6	N	3	20.0	30	0	15	0	47	-2	0	8	—	0	0	dr	—
148	WESTERN DESERT: SĪWA	1017.0	WSW	1	25.4	71	0	6	1017.6	-0.9	—	0	18.1	26	+1	9	-1	78	+11	0	6	—	0	0	dr	1
149	BAHARĪYA	1015.1	N	1	25.0	42	1	9	1017.6		—	0	17.3	26		10		68		0	9	—	0	0	0	
151	KHĀRGA	1014.2	NE	3	26.7	45	0	9	1015.8	-1.2	—	0	18.2	28	-1	12	0	69	+7	0	9	—	0	0	0	dr
152	DĀKHLA	1016.0	NW	2	25.6	29	0	7	1017.9	-0.4	WNW	1	17.0	26	-2	12	0	59	+8	0	8	—	0	0	0	—
145	RED SEA: TOR	1011.6	NW	5	25.0	76	0	6	1014.2	-2.1	NW	5	22.5	25	-1	20	+6	61	-3	0	6	—	0	0	19	3
146	HURGHĀDA								1014.6	-1.8	NW	3	22.5	27	0	18	+3	71	+18	1	9	Cu	1	0	tr	dr
147	QUSEIR	1012.0	NE	3	26.2	59	1	7	1013.9	-2.0	NNW	3	24.9	27	-1	20	+1	83	+36	0	7	—	0	0	4	3
169	PORT SUDAN								1010.8	-3.1	N	2	29.6	32	+1	25	+2	72	+4	2	—	—	0	0	32	41
165	NORTH SUDAN: WADI HALFA								1016.4	+0.1	NNW	2	17.0	28	-2	15	+1	44	-2	0	8	—	0	0	—	
166	KAREIMA								1014.1	-0.1	NNE	4	20.8	34	-1	16	-2	34	0	1	8	Ci	0	0	dr	1
167	ʿATBARA								1011.8	-0.8	N	4	24.3	36	+1	20	+1	27	-6	0	—	—	0	0	1	1
168	KHARTŪM								1011.5	-0.2	NNW	4	24.7	38	+2	20	0	34	+1	0	7	—	0	0	2	5
170	KASSALA								1009.3	-1.1	ENE	1	25.0	37	0	16?	-5	68	+18	0	7	—	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI								1010.3	-0.9	NNE	3	25.7	37	0	18	-2	31	-2	0	—	—	0	0		13
173	DUEIM								1010.6	-0.7	NW	4	26.6	37	0	22	+3	38	+3	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1008.3	-1.9	WNW	2	28.9	39	+2	22	+4	36	-15	0	—	—	0	0	10	35
174	EL OBEID								1011.5	-1.5	N	4	23.0	33	-1	19	+4	25	-9	1	8	Ci	0	0	8	19
175	EL FĀSHER								—	—	NW	1	21.0	36	+2	14	+1	57	+25	0	—	—	0	0	32	8
176	S. SUDAN: MALAKĀL								1009.8	-1.1	NE	2	27.0	38	+3	22	+3	43	-5	3	8	Ac,As	2	dr	47	88
177	WAU								1013.1	+28	W	2	26.5	38	+3	23	+4	61	-10	3	—	—	1	0	164	138
178	JŪBA								1011.7	+1.3	S	5	25.1	36	0	20	0	68	-6	4	6	Ac,Cs	2	0	154	117
179	Geneina								—	—	NE	4	17.1	34	—	14	—	43	—	3	8	Ac,Ci	1	0	14	—
180	Gullabat																									

Upper Wind Observations on 19th — ارصاد الرياح العليا يوم ١٩

Height metres above M.S.L.	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 07h 00m Dir E of N	Kms per hour	Malakal 06h 00m Dir E of N	Kms per hour	Juba 07h 00m Dir E of N	Kms per hour	Geneina 07h 00m Dir E of N	Kms per hour	Almaza 18th 11h 00m Dir E of N	Kms per hour
200	10	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	6
500	20	42	20	50	0	37	—	—	—	—	20	29	—	—	—	—	350	12
1000	10	50	30	23	10	40	30	24	10	50	30	31	230	16	60	50		
1500	30	24	340	5	350	21	10	21	30	39	40	37	140	23	60	43		
2000	350	18	300	31	320	26	310	11	40	11	40	34	120	27	60	24		
3000	300	37	340	13	330	47	33[illegible]	10			50	24	170	29	230	13		
4000													150	31	260	10		
5000															270	11		
6000															220	21		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة ٢٤ ساعة من ظهر

Mean of day

Station	Humidity % on 18th	Diff from Normal	Wet Bulb Temp. °C on 18th	Diff from Normal
Alexandria	68	+3	17.9	+2.4
Ezbekiya	77	+9	17.5	+1.4
Giza	80	+7	15.8	+0.2
Helwan	65	+8	15.5	+1.8

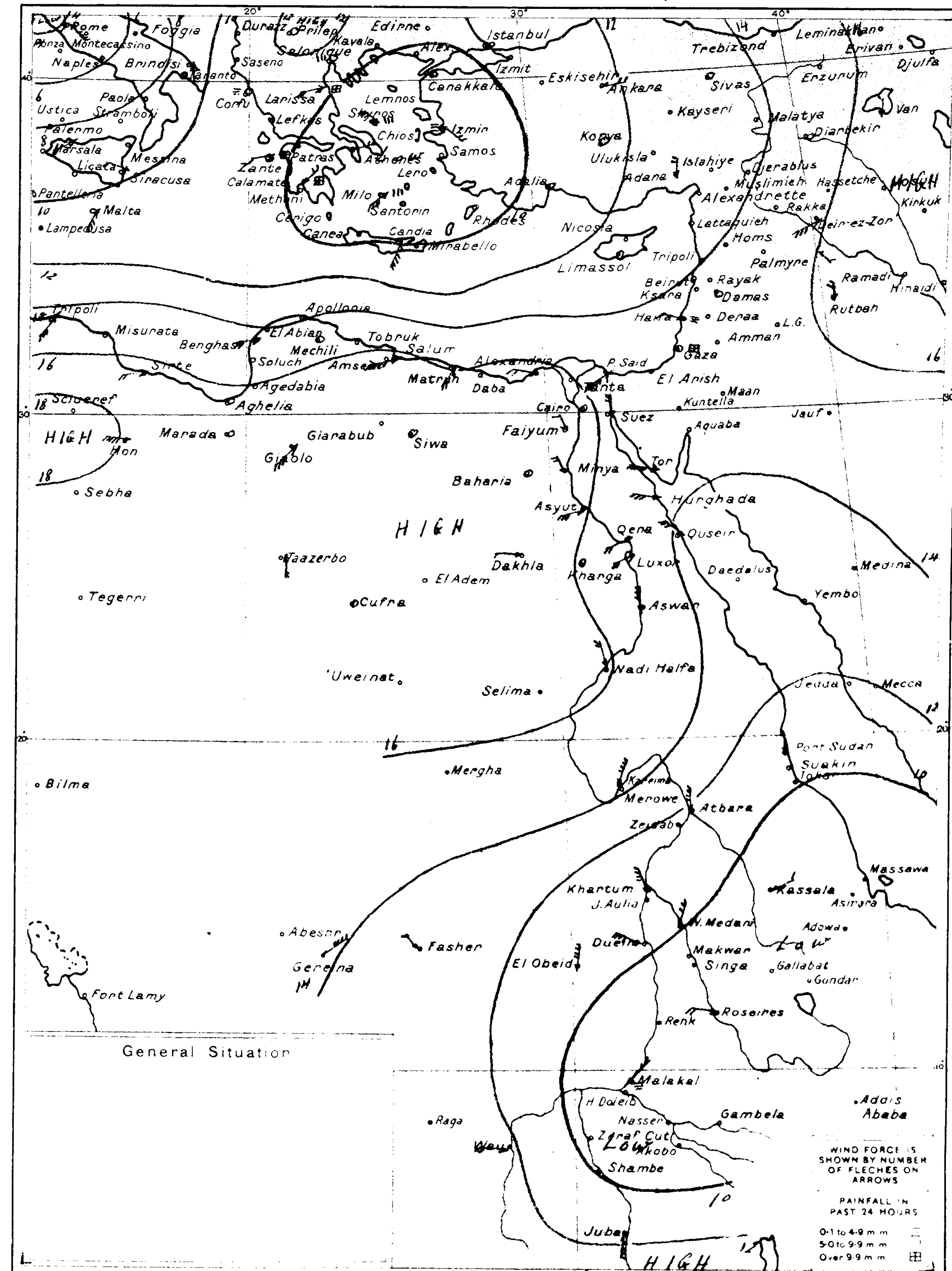
Giza Grass minimum on 19th 9.5°C

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

Date	1937	1936
19-11	1191	1393
18-11	1193	1390

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	18-11	13.84	+0.19	13.87	+0.21
Nasser	17-11	10.45	+0.03	10.48	+0.04
Malakāl	18-11	12.40	+0.09	12.40	+0.09
Roseires	18-11	14.31	+0.39	14.12	+0.15
Sennār Res.	19-11	19.70	-	19.60	-
Khartūm	18-11	11.92	-0.29	11.97	-0.26
Kh. el Girba					
Atbara	18-11	11.28	-0.23	11.29	-0.24
Kajnarti	19-11	135.17	-0.72	135.18	-0.78
Wādi Halfa					
Aswān Res.	19-11	118.27	-	118.11	-
D. S.	19-11	86.46	-0.12	86.45	-0.24
El Leisi	18-11	18.85	-1.64	18.93	-1.64
Roda (Cairo)	18-11	15.95	-1.04	15.97	-1.08

١٩٣٧-١١-١٩ Pressure and Wind at 8h. 19-11-1937



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

At 8h. on 18th — الساعة ٨ يوم ١٨

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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm	مرصد
Limassol	1016	-1	—	0	18	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.0	-0.9	ESE	1	22.9	27	+2	17	+3	57	-4	1	—	—	—	0	147	67	حيفا
Gaza	1014.6	-1.5	—	0	19.9	25	0	17	+3	89	+17	3	5	—	1	0	60	27	غزة
Hurghada	1013.5	-2.9	NW	4	23.2	28	+1	17	+2	67	+16	1	9	Cu	1	0	6	4	الغردقة

Remarks.
Khartum River Gauge Reading for 13-9-37 published on 14 & 15-9-37 should read 15.63 instead of 15.65 M.

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

CAIRO
Time of sunrise 06 13
sunset 16h 57m

Month November, 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT ٢٠-١١-٣٧ Pressure and Wind at 8 h. 20-11-37

No.	STATION	At 14h. on 19th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Saturday 20th: 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	1013.1	WSW	7	25.2	27	3	5	1012.7	-5.8	W	5	14.9	27	—	13	—	92	—	8	2	—	4	dr.	6	—
	MATRÛH	1012.8	WSW	3	25.3	45	4	6	1010.3	-7.5	WSW	2	18.1	26	+3	16	+2	91	+15	0	6	—	1	0	26	32
	DIKHEILA	1015.1	W	2	22.8	59	2	7	1011.4	—	SW	3	19.0	24	—	17	—	46	—	4	6	St	1	dr.	19	—
	ALEXANDRIA	1014.0	WNW	3	22.7	64	3	9	1010.4	-7.6	SW	4	19.0	24	0	18	+3	46	-24	4	7	As	2	0	37	26
	DAMIETTA								1011.2	—	S	3	18.2	26	—	17	—	77	—	4	6	Sc	2	0	46	19
134	PORT SAÎD	1013.9	NW	4	24.2	59	0	8	1011.9	-4.6	SW	2	19.5	26	+2	19	+3	81	+8	4	6	Cb	2	0	36	10
135	EL 'ARÎSH								1011.9	—	—	0	19.6	23	—	18	—	81	—	4	6	Cu	1	0	39	10
136	LOWER EGYPT: DAMANHÛR								1011.2	-7.1	SSW	2	18.4	26	+1	17	+4	54	-33	4	7	Sc	2	0	43	13
137	MANSÛRA								1011.4	—	SW	2	18.2	25	-1	16	+2	77	-3	2	5	Ac	1	0	67	6
138	TANTA	1015.0	NW	3	26.5	53	3	6	1010.6	-7.8	SW	2	16.0	27	+2	16	+3	69	-13	4	5	Sc	2	0	40	4
139	ZAGÂZÎG	1013.8	SW	2	24.9	56	2	8	1012.2	—	SW	2	18.4	25	0	15	+3	75	-7	2	6	Cc	1	0	27	3
	MIDDLE EGYPT: CAIRO: ALMÂZA	1014.3	W	3	24.8	50	4	7	1013.3	—	SSE	4	18.8	25	—	13	—	60	—	4	7	Ac	2	0	32	—
	CAIRO: EZBEKÎYA	1013.6	N	1	25.3	54	2	8	1012.6	-5.4	SSE	3	17.2	27	+2	15	+2	74	-6	4	6	Sc	5	dr.	14	3
	CAIRO: GÎZA	1013.6	NW	1	26.7	50	3	9	1012.6	-5.7	S	4	16.5	27	+2	13	+1	75	-11	4	6	Sc	2	0	54	3
143	HELWÂN	1013.6	WNW	2	23.2	48	3	8	1013.1	-5.0	SSE	3	16.4	24	0	14	0	69	-1	4	5	Sc	2	0	24	3
144	SUEZ	1013.8	NNW	2	24.2	49	1	8	1012.8	-4.0	NW	2	18.7	26	0	16	+1	73	-4	2	7	Ac	1	0	25	7
153	UPPER EGYPT: FAIYÛM	1014.0	NW	1	24.8	48	2	7	1014.8	-3.2	SSE	1	16.3	27	+1	13	+1	75	0	4	5	Cu	1	0	dr.	1
154	MINYA	1014.3	N	3	24.6	48	1	7	1013.9	-4.3	ENE	2	16.9	25	0	13	+1	70	-9	1	6	Cu	0	0	dr.	—
155	ASYÛT	1014.4	WNW	3	25.1	40	0	8	1014.4	-3.4	WSW	2	17.2	26	+1	13	+1	61	-10	0	7	—	0	0	0	2
156	QENA	1012.6	W	1	28.5	37	0	8	1014.0	-3.7	WNW	2	18.6	30	+1	15	+3	66	+6	0	8	—	0	0	0	—
157	LUXOR	1012.0	NNW	1	28.0	40	0	8	1013.6	—	WSW	1	19.9	30	—	11	—	65	—	0	7	—	0	0	dr.	—
158	ASWÂN	1011.5	N	2	26.7	28	0	8	1013.8	-2.5	—	0	18.0	28	-2	14	-1	57	+8	0	8	—	0	0	dr.	—
148	WESTERN DESERT: SÎWA	1015.0	WSW	2	27	63	0	6	1012.2	-6.4	—	0	16.2	27	+2	9	-1	82	+15	0	6	—	0	0	dr.	1
149	BAHARÎYA	1015.1	NW	1	25.0	40	1	9	1015.4		SW	1	17.8	25	—	10	—	53	—	0	9	—	0	0	0	—
151	KHÂRGA	1014.8	N	1	27.5	39	0	9	1015.1	-2.0	—	0	18.0	28	-1	11	-1	67	+5	0	9	—	0	0	0	dr.
152	DÂKHLA	1014.8	NNE	1	25.0	28	0	8	1015.6	-2.8	ENE	1	13.0	25	-3	10	-1	56	+5	0	8	—	0	0	0	—
145	RED SEA: TOR	1011.6	NW	6	24.0	72	0	6	1011.9	-4.5	NE	3	20.2	25	0	16	+2	63	-1	0	6	—	0	0	19	3
146	HURGHÂDA								1012.6	-3.9	NW	3	22.8	27	0	17	+2	61	+8	2	9	Ci	1	0	tr.	dr.
147	QUSEIR	1012.2	NNE	3	25.9	88	0	7	1012.6	-3.3	NNW	2	24.1	26	-1	19	0	79	+31	0	7	—	0	0	4	3
169	PORT SUDAN								1011.2	-2.7	N	5	28.4	32	+2	25	+2	69	+1	3	—	—	1	dr.	32	42
165	NORTH SUDAN: WADI HALFA								1015.9	-0.5	NNW	2	15.9	27	-3	14	+1	50	+4	0	8	—	0	—	—	—
166	KAREIMA								1014.0	-0.4	NNW	3	18.3	31	-3	13	-4	44	+10	1	8	Ci	0	0	dr.	1
167	'ATBARA								1012.4	-0.2	N	4	22.3	33	-1	16	-3	29	-5	0	—	—	0	0	1	1
168	KHARTÛM								1010.7	-1.1	NNW	4	21.4	35	-1	17	-3	34	+1	2	8	Cs	0	0	2	5
170	KASSALA								1010.0	-0.5	E	1	24.3	36	-1	15	-6	26	-25	1	8	Cs	0	0	dr.	11
171	CENTRAL SUDAN: WAD MEDANI								1010.8	-0.5	N	3	22.6	35	-2	12	-8	24	-10	1	—	—	0	0	16	13
173	DUEIM								1011.1	-0.3	NW	4	24.6	35	-1	19	0	29	-6	0	—	—	0	0	14	12
182	RENK																									
172	ROSEIRES								1009.8	-0.4	NW	2	24.9	36	-1	17	-1	30	-21	0	—	—	0	0	10	35
174	EL OBEID								1012.7	-0.4	N	5	20.4	33	-1	16	+1	32	-2	2	8	Cs	0	0	8	19
175	EL FÂSHER								—	—	NW	1	19.2	35	+1	12	0	59	+27	0	—	—	0	0	32	8
176	S. SUDAN: MALAKÂL								1010.2	-0.7	NE	3	24.7	36	+1	18	-1	34	-13	4	8	Ac, Cs	1	0	47	88
177	WÂU								1010.2	-0.1	W	2	25.0	34	-1	21	+2	66	-4	1	—	—	0	0	164	139
178	JÛBA								1012.5	+2.1	S	4	22.2	36	0	21	+1	82	+8	4	7	Cu, Sc	2	0	154	118
179	Geneina								—	—	NE	4	17.0	33	—	11	—	43	—	3	8	Cs	1	0	14	—
180	Gallabat																									

Upper Wind Observations on 20th ارصاد الرياح العليا يوم ٢٠

Height metres above M.S.L.	Salum 07h 45m Dir. E. of N	Kms per hour	Matruh 07h 00m Dir.	Kms	Cairo 09h 00m Dir.	Kms	Helwan 09h 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	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	Almaza 11h 15m Dir.	Kms
200	300	32	290	16	190	38	180	16	—	—	—	—	0	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	260	7
500	330	14	300	26	220	43	190	26	0	6	0	26	20	31	0	37	350	39	—	—	—	—	10	34	—	—	—	—	280	11
1000	300	23	270	19	260	28	240	21	330	20	20	18	0	37	20	14	350	31	350	26	10	45	20	47	330	32	30	47	Ent. Cu.	
1500	300	35			300	26	270	24	310	34	320	12	350	18	330	14	310	13	0	18	330	13	20	39	50	24	70	23		
2000	320	34			300	24	290	18	330	20	350	13	10	21	330	18	260	27	240	8	300	16	30	31	100	27	160	13		
3000	tail				280	29	290	31			300	12	10	27	340	16	260	37			300	24			130	37	270	23		
4000					290	51	270	45			330	21													140	16	290	23		
5000					Ent. Sc																									
6000																														

Forecast for 24 hours from noon on 20th

On the coast fresh winds between south and west, strong at times.

Inland moderate to fresh southerly winds.

Much low cloud, decreasing.

Rain on the coast in the west probable tomorrow. Unsettled.

Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٠
نسيم ما بين الغربي والجنوبي يشتد أحيانا على الساحل
ورياح ما بين المعتدلة والشديدة غالبا جنوبية في الداخل
يكثر السحاب المنخفض ثم يأخذ في النقصان
ويحتمل أنه يمطر على الساحل في الغرب غدا
ودرجة الحرارة كما هي والحالة الجوية غير مستقرة

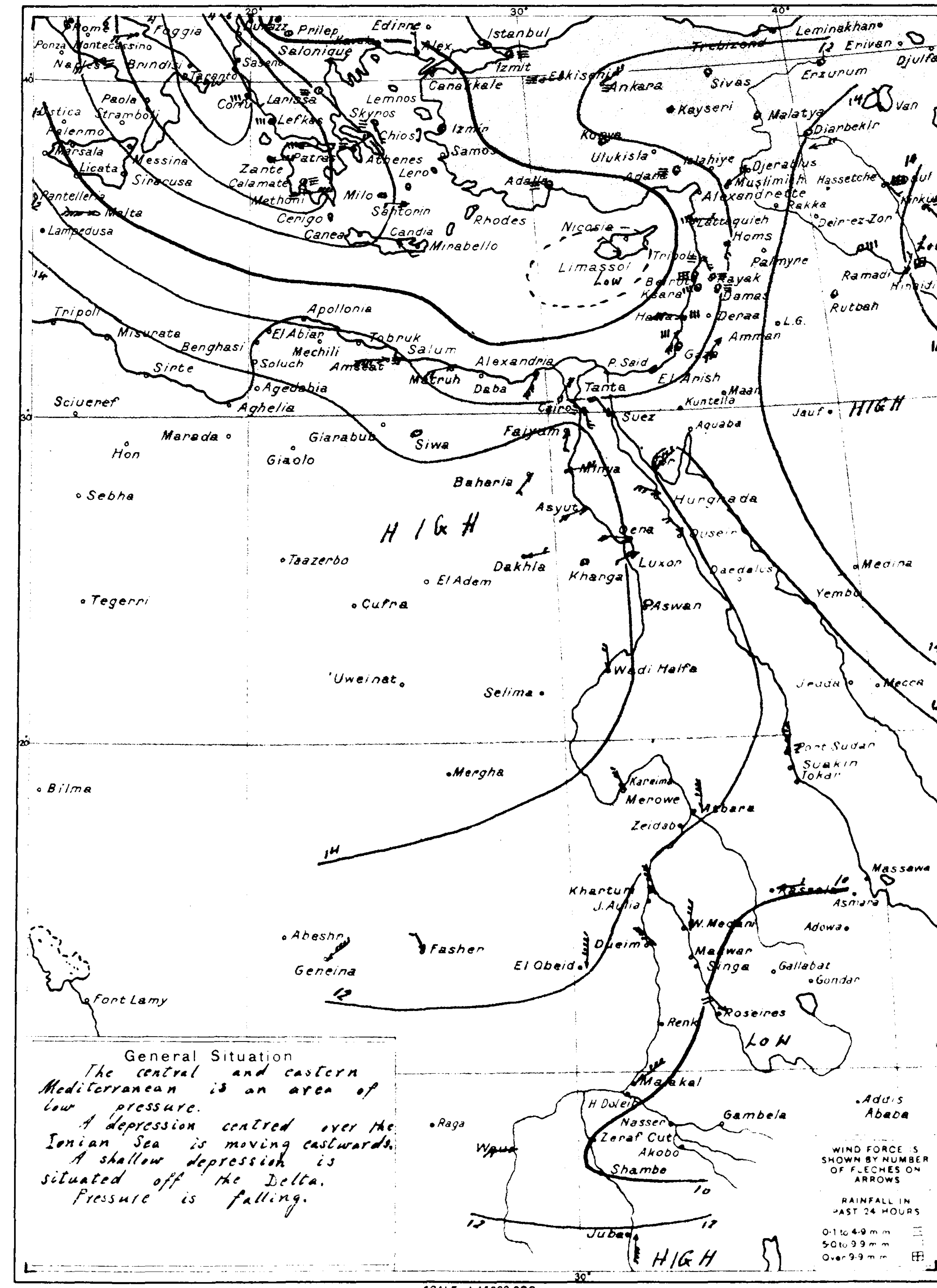
STATION	Mean of day: Humidity 19th	Diff from normal	Wet bulb temp 19th	Diff from normal
Alexandria	61	-4	17.6	+2.2
Ezbekiya	75	+7	17.3	+1.4
Giza	82	+8	16.8	+1.4
Helwan	61	+4	15.7	+2.1

Giza Grass minimum on 20th 9.7 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1937	1936
20-11	1191	1390
19-11	1191	1393

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	18-11	13.84	+0.19	13.87	+0.27
Nasser	17-11	10.45	+0.03	10.48	+0.04
Malakal	18-11	12.40	+0.09	12.40	+0.09
Roseires	18-11	14.31	+0.39	14.12	+0.15
Sennar Res.	19-11	19.70	—	19.60	—
Khartum	18-11	11.92	-0.29	11.97	-0.26
Kh. el Girba					
Atbara	18-11	11.28	-0.23	11.29	-0.24
Kajnarti	19-11	135.17	-0.72	135.18	-0.78
Wadi Halfa					
Aswan Res.	20-11	118.47	—	118.27	—
D.S.	20-11	86.46	-0.12	86.46	-0.12
El Leisi	18-11	18.85	-1.64	18.93	-1.64
Roda (Cairo)	18-11	15.95	-1.84	15.97	-1.08



General Situation

The central and eastern Mediterranean is an area of low pressure.

A depression centred over the Ionian Sea is moving eastwards.

A shallow depression is situated off the Delta.

Pressure is falling.

STATION	At 8h. on 19th: 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	1013	-4	—	0	19	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1014.4	-1.6	WNW	1	19.6	26	+1	17	+3	79	+18	7	—	—	—	3	152	70	حيفا
Gaza	1014.2	-1.9	—	0	17.2	26	+1	14	+1	96	+24	2	5	—	1	52	112	28	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. 136/5.sc

CAIRO
Time of sunrise 06 h 26 m
sunset 16 h 56 m

Month *November*, 1937 ١٩٣٧ نوفمبر شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٣٧-١١-٢١

At 14h. on 20th (الساعة ١٤ يوم ٢٠) — At 8h. on Sunday 21st (الساعة ٨ يوم الأحد 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. 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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
	Mediterranean																									
[illegible]	SALÛM	1008.3	SSW	6	25.0	40	2	7	1008.3	-10.2	NW	4	16.0	27	—	14	—	93	—	2	4	Cb	5	1	7	—
[illegible]	MATRÛH	1007.6	NNW	3	22.7	80	3	6	1006.0	-11.8	W	3	16.9	23	0	16	+2	95	+19	3	6	Sc	2	2	42	33
[illegible]	DIKHEILA	1010.2	W	3	23.2	68	1	8	1006.3	—	S	1	18.7	24	—	17	—	58	—	2	7	Cu	1	dr.	19	—
[illegible]	ALEXANDRIA	1007.9	SW	5	23.3	67	2	9	1006.0	-12.1	SE	1	18.1	24	0	18	+3	74	+4	4	7	Ac	2	dr.	37	27
159	DAMIETTA								—	—	W	2	18.6	25	—	14	—	75	—	4	7	Ns	2	0	46	19
134	PORT SAÏD	1009.3	SW	4	21.2	62	4	6	1007.9	-8.7	SW	4	20.2	22	-2	17	+1	58	-15	2	6	Cb	1	0	36	10
135	EL 'ARÎSH	1009.3	—	0	22.7	74	4	6	1008.3	—	—	0	22.0	23	—	17	—	66	—	3	7	Sc	1	dr.	39	10
	Lower Egypt																									
136	DAMANHÛR								1007.2	-11.1	ENE	1	18.6	26	+1	16	+3	65	-22	3	7	Sc	1	dr.	43	14
137	MANSÛRA								1006.3	—	SE	1	16.9	25	-1	14	0	71	-9	2	5	Ac	1	dr.	67	6
138	TANTA	1007.9	SW	4	25.0	40	4	6	1007.2	-11.2	SW	2	17.0	26	+1	15	+3	70	-12	3	5	Cu	2	0	40	4
	ZAGÂZÎG	1008.8	SW	4	21.9	55	4	8	1007.6	—	SW	1	20.9	23	-2	14	+2	56	-26	0	8	—	1	0	27	3
	Middle Egypt																									
	CAIRO ALMÂZA	1010.6	SSW	5	22.0	50	4	7	1007.0	—	S	3	20.8	23	—	14	—	47	—	2	7	Ac	2	0	32	—
	CAIRO EZBEKÎYA	1009.3	SW	2	22.5	52	4	7	1007.1	-11.0	S	2	16.7	23	-2	16	+3	68	-12	1	6	Ac	1	0	14	3
	CAIRO GÎZA	1009.4	SSW	1	21.9	46	4	8	1007.0	-11.4	S	1	16.4	23	-2	14	+2	61	-25	2	8	Cu	1	0	54	3
143	HELWÂN	1009.3	S	3	22.0	47	4	7	1007.1	-11.0	ESE	1	17.1	22	-2	16	+3	58	+12	1	6	Sc	0	0	24	3
144	SUEZ	1009.6	SE	2	22.4	63	4	7	1007.2	-9.6	NW	2	21.8	24	-1	18	+3	53	-24	3	7	Cu	1	0	25	7
	Upper Egypt																									
153	FA'YÛM	1009.9	SW	1	24.3	35	4	8	1007.8	-10.2	SSW	1	17.9	26	0	13	+1	54	-21	1	5	Ac	0	0	dr.	1
154	MINYA	1010.0	NE	2	26.8	31	3	6	1008.6	-9.7	SSE	3	17.8	27	+2	15	+3	55	-24	0	7	—	0	0	dr.	—
155	ASYÛT	1010.7	WNW	3	26.0	36	0	8	1009.5	-8.4	S	2	17.2	27	+2	14	+2	59	-12	3	7	Cu	2	0	0	2
156	QENA	1010.3	WSW	2	27.6	43	0	8	1011.0	-5.8	ESE	1	15.2	28	-1	10	-2	67	+7	0	7	—	0	0	0	—
157	LUXOR	1010.2	WNW	3	28.4	41	0	8	1010.4	—	W	1	18.6	30	—	11	—	57	—	0	8	—	0	0	dr.	—
158	ASWÂN	1009.3	—	0	27.2	33	0	8	1011.5	-4.9	N	1	21.2	29	-1	14	-1	48	-1	0	8	—	0	0	dr.	—
	Western Desert																									
148	SÎWA	1009.0	WNW	1	27.3	68	0	6	1009.6	-9.0	NW	2	20.1	28	+3	14	+4	87	+20	3	6	Ac	2	0	dr.	1
149	BAHARÎYA	1009.6	WSW	5	28.6	27	1	9	1009.8	—	W	3	19.6	28		14		67	—	0	9	—	0	0	0	—
151	KHARGA	1011.5	NE	1	26.0	48	0	9	1010.6	-6.6	—	0	17.2	27	-1	10	-1	66	+4	0	9	—	0	0	0	dr.
152	DÂKHLA	1011.8	NNW	2	26.0	24	0	8	1011.5	-7.0	WNW	1	14.6	27	-1	10	-1	56	+4	0	7	—	0	0	0	—
	Red Sea																									
145	TOR	1009.0	NW	4	24.5	72	0	6	1008.7	-7.7	N	2	21.0	26	+1	16	+3	63	0	0	6	—	0	0	19	3
146	HURGHADA																									dr.
147	QUSEIR	1009.6	NE	2	25.2	54	0	7	1009.5	-6.5	—	0	24.6	28	+1	19	0	77	+29	0	7	—	0	0	4	3
169	PORT SUDAN								1009.5	-4.5	N	1	28.2	32	+2	23	0	70	+2	1	—	—	0	2	34	44
	North Sudan																									
165	WADI HALFA								1013.2	-3.3	SSW	1	15.4	27	-3	11	-2	46	-1	0	8	—	0	—	—	
166	KAREIMA								1012.9	-1.6	NNW	1	18.2	29	-5	—	—	44	+10	0	8	—	0	0	dr.	1
167	'ATBARA																									1
168	KHARTÛM								1012.2	+0.3	NNW	3	21.4	33	-3	15	-4	49	+16	0	8	—	0	0	2	5
170	KASSALA																									11
	Central Sudan																									
171	WAD MEDANI																									13
173	DUEIM								1011.9	+0.5	NNW	3	23.6	32	-4	15	-3	33	-2	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1010.7	+0.4	NNW	2	23.1	36	-1	15	-3	22	-29	0	—	—	0	0	38	35
174	EL OBEID								1013.3	+0.1	N	3	18.0	31	-2	12	-3	28	-6	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	N	1	17.0	34	0	10	-2	56	+24	0	—	—	0	0	32	8
	S. Sudan																									
176	MALAKAL								1011.1	+0.2	NE	3	22.5	35	0	15	-4	31	-15	0	8	—	1	0	47	89
177	WAU								1010.8	+0.4	N	1	22.7	36	+1	19	0	73	+3	1	—	—	0	0	164	140
178	JUBA								1012.3	+1.9	SW	4	23.7	33	-3	20	0	75	+2	4	8	Cb	5	dr.	154	119
179	Geneina								—	—	N	4	16.0	33	—	—	—	32	—	2	8	Cs	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 21st (ارصاد الرياح العليا يوم ٢١)

Dir. E. of N / Kms per hour

Height metres above M.S.L.	Salum 08h 00m	Cairo 08h 30m	Helwan 09h 15m	Asyut 07h 00m	Aswan 07h 00m	W. Halfa 06h 00m	Kareima 06h 00m	Khartum 05h 00m	El Obeid 06h 00m	Malakal 06h 00m	Juba 07h 00m	Geneina 07h 00m	Ismailia (R.A.F.) 07h 00m	Salum 20th 13h 30m	Almaza 20th 11h 00m
200	320 26	190 44	190 17	— —	— —	210 14	— —	— —	— —	— —	— —	— —	190 24	230 32	200 35
500	0 30	200 47	200 38	260 22	290 6	220 8	10 21	340 27	— —	30 24	— —	— —	200 27	230 30	220 45
1000	0 35	240 25	200 29	260 24	310 20	0 3	0 18	340 34	0 32	10 26	300 32	50 34	230 21	250 44	260 30
1500	tail	220 16	210 31	280 29	330 16	340 32	340 21	350 24		10 10	20 14	50 31	250 27	270 66	260 24
2000		200 18	210 26	260 24	320 28	10 29	340 29	330 16		20 10	70 23	240 18	250 29	Ent. Ac	270 30
3000			Ent. Cu.				330 18	280 8		330 10	100 40	270 24	240 31	tail	280 27
4000										50 6		260 21	240 53		Ent. Ac.
5000													210 29		
6000													tail		

Forecast for 24 hours from noon on 21st

On the coast moderate southwest winds, becoming fresh west to northwest.
Inland fresh southerly winds, becoming moderate westerly.
Much low cloud at times. Rain near the coast; light scattered showers inland.
Remaining cool and unsettled.

تنبؤات الطقس لمدة ٢٤ ساعة من ظهر يوم ٢١
رياح معتدلة جنوبية غربية على الساحل ثم تصير غربية
او شمالية غربية وتشتد نوعا
ورياح نسيمية جنوبية في الداخل ثم تصير غربية معتدلة
يكثر السحاب المنخفض احيانا
تساقط مطر بالقرب من الساحل ورذاذ في جهات متفرقة في الداخل
يستمر الطقس مائلا للبرودة ومتقلبا

Station	Mean of day: Humidity 20th	Diff. from normal	Wet bulb temp. 20th	Diff. from normal
Alexandria	56	-9	16.9	+1.6
Ezbekiya	58	-10	15.5	-0.3
Giza	61	-13	14.5	-0.8
Helwan	50	-7	14.3	+0.8

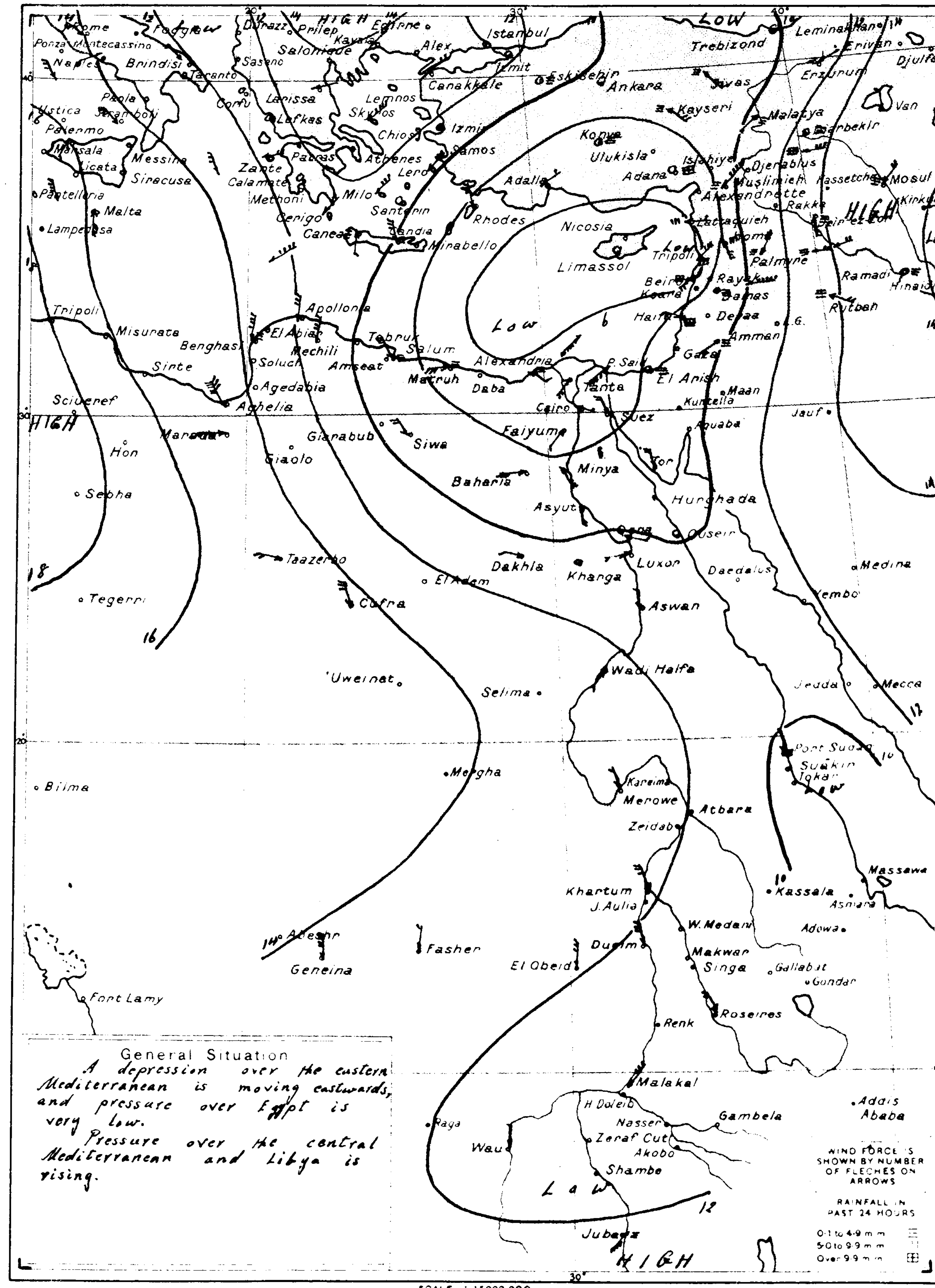
Giza Grass minimum on 21st 11.6°C

Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
21-11	1199	1390
20-11	1191	1390

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	20-11	13.81	+0.18	13.84	+0.20
Nasser	19-11	10.42	+0.04	10.43	+0.03
Malakal	20-11	12.40	+0.09	12.40	+0.09
Roseires	20-11	14.17	+0.34	14.25	+0.37
Sennar Res.	20-11	19.82	—	19.70	—
Khartûm	20-11	11.85	-0.28	11.87	-0.29
Kh. el Girba					
Atbara	20-11	11.25	-0.19	11.28	-0.19
Kajnarti	20-11	135.14	-0.69	135.17	-0.72
Wadi Halfa					
Aswan Res.	21-11	118.65	—	118.47	—
D.S.	21-11	86.47	-0.11	86.46	-0.12
El Leisi	20-11	18.78	-1.57	18.80	-1.62
Roda (Cairo)	20-11	15.88	-1.01	15.95	-0.99

Pressure and Wind at 8h. 21-11-37



General Situation

A depression over the eastern Mediterranean is moving eastwards, and pressure over Egypt is very low.
Pressure over the central Mediterranean and Libya is rising.

At 8h. on 20th (الساعة ٨ يوم ٢٠)

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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm	مرصد
Limassol	1009	-8	NW	1	18	—	—	—	—	—	—	4	—	—	—	—	—	—	ليماسول
Haifa	1011.8	-4.2	WNW	3	20.0	26	+1	17	+3	77	+16	4	—	—	—	6	158	73	حيفا
Gaza	1012.3	-3.8	—	0	18.1	24	-1	15	+2	86	+14	3	4	—	1	4	116	30	غزة

Ship 13321 31006 20502 06860 35xx7 60017 76203 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

Matruh rainfall for 24 hours ending 8h on 18 was 3 6mm.

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

Printed by the Survey of Egypt 1936 (36?)

CAIRO
Time of sunrise 06h 27m
sunset 16h 56m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *November*, 1937 — ١٩٣٧ شهر نوفمبر — ٢٢-١١-٣٧

At 14h. on 21st — الساعة ١٤ يوم ٢١ | At 8h. on Monday 22nd — الساعة ٨ يوم الاثنين ٢٢

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	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.
130	MEDITERRANEAN: SALÛM	1010.4	N	8	20.2	80	3	5																		
131	MATRÛH	1007.5	NNE	3	21.6	80	2	6	1014.4	-3.5	WSW	2	17.3	22	-1	16	+2	91	+15	1	6	Cu	1	0	42	33
150	DIKHEILA	1007.2	NW	2	22.2	70	1	8	1013.9	—	N	4	21.5	23	—	18	—	77	—	5	6	Ns	1	dr.	19	—
132	ALEXANDRIA	1006.6	NW	2	23.5	62	1	9	1013.5	-4.6	NE	4	22.3	25	+1	18	+3	66	-4	3	7	Cu	2	0	37	28
159	DAMIETTA								1012.7	—	SW	1	19.0	25	—	15	—	85	—	0	6	—	1	0	46	20
134	PORT SAÏD	1007.4	NE	2	23.0	54	0	6	1012.6	-4.0	SW	2	21.5	25	+2	17	+1	80	+7	1	8	Cs	1	0	36	11
135	EL 'ARÎSH	1006.6	NNW	1	23.6	72	0	7	1012.3	—	WSW	1	19.3	26	—	16	—	78	—	3	6	Cb	1	0	39	11
136	LOWER EGYPT: DAMANHÛR								1013.9	-4.4	—	0	20.3	27	+2	14	+2	80	-7	3	7	Cu	0	0	43	14
137	MANSÛRA								1012.6	—	NNE	1	17.8	25	-1	15	+2	84	+4	0	8	—	0	0	67	6
138	TANTA	1006.3	W	3	27.0	43	2	6	1013.8	-4.6	—	0	18.0	28	+3	13	+1	80	-2	0	6	—	0	0	40	4
139	ZAGÂZÎG	1006.7	SW	1	24.9	45	4	7	1014.0	—	SW	1	18.8	25	0	12	0	82	0	0	6	—	0	dr.	27	3
141	MIDDLE EGYPT: CAIRO ALMÂZA	1007.1	SW	4	24.7	39	3	6	1014.2	—	SSW	2	17.9	25	—	13	—	81	—	1	6	As	4	dr.	32	—
	CAIRO EZBEKÎYA	1006.7	NNW	2	26.0	42	2	8	1013.9	-4.2	SSE	1	17.0	27	+3	14	+1	94	+14	0	5	—	0	dr.	14	3
	CAIRO GÎZA	1006.4	WSW	2	25.6	47	2	9	1013.5	-5.0	SSE	1	16.3	28	+3	12	+1	92	+6	0	8	—	1	dr.	54	3
143	HELWÂN	1006.8	WSW	3	24.3	44	1	7	1013.9	-4.2	—	0	16.4	25	+2	14	+1	82	+12	0	4	—	0	dr.	24	3
144	SUEZ	1006.6	S	2	25.8	55	3	7	1013.0	-3.9	N	2	17.2	26	+1	16	+1	84	+7	0	7	—	0	0	25	7
153	UPPER EGYPT: FAIYÛM	1007.2	NW	1	25.1	52	1	6	1013.1	-5.0	—	0	19.0	27	+1	13	+1	75	0	0	6	—	0	0	dr.	1
154	MINYA	1007.6	W	2	26.4	40	2	6	1013.3	-5.0	N	1	17.6	27	+3	14	+2	73	-6	0	6	—	0	0	dr.	—
155	ASYÛT	1008.3	NNE	3	24.5	53	2	7	1013.5	-4.5	WNW	3	18.8	26	+1	15	+3	71	0	0	7	—	0	0	0	2
156	QENA	1008.7	WSW	1	29.0	40	0	8	1012.8	-4.0	WNW	2	17.8	30	+1	14	+2	70	+10	0	7	—	0	0	0	—
157	LUXOR	1007.8	WSW	3	30.8	35	0	8	1012.8	—	—	0	21.1	31	—	12	—	66	—	0	8	—	0	0	dr.	—
158	ASWÂN	1007.6	—	0	31.5	25	0	8	1013.4	-3.1	—	0	20.5	33	+3	16	+1	55	+6	0	8	—	0	0	dr.	—
148	WESTERN DESERT: SÎWA	1007.8	N	1	24.3	76	3	6																		1
149	BAHARÎYA	1008.6	NW	2	23.9	58	2	9	1014.3		—	0	18.0	24	—	14		81	—	0	9	—	0	0	0	—
151	KHÂRGA	1007.8	—	0	28.4	43	0	9	1013.6	-3.7	—	0	19.3	30	+2	13	+2	63	+1	0	9	—	0	0	0	dr.
152	DÂKHLA	1009.5	NW	4	24.5	36	0	6	1014.0	-4.6	—	0	18.8	25	-3	14	+3	64	+12	2	6	Ci	1	0	0	
145	RED SEA: TÔR	1007.1	S	2	28.5	50	0	6	1011.9	-4.6	N	2	19.0	29	+4	16	+3	90	+27	0	6	—	0	21	40	4
146	HURGHÂDA								1012.0	-4.6	NW	2	23.4	28	+2	16	+1	59	+6	0	8	Cu	1	0	tr.	dr.
147	QUSEIR	1008.3	E	2	26.5	54	0	7	1011.6	-4.4	WNW	1	23.9	28	+1	20	+1	82	+34	0	7	—	0	0	4	3
169	PORT SUDAN								1011.4	-2.6	NW	1	27.6	31	+1	23	0	76	+8	2	—	—	0	2	36	46
165	NORTH SUDAN: WADI HALFA								1014.8	-1.8	—	0	17.4	30	0	13	0	48	+1	0	7	—	0	—	—	
166	KAREIMA								1013.7	-0.9	NNW	1	19.6	30	-4	13	-4	40	+6	0	8	—	0	0	dr.	1
167	'ATBARA								1013.3	+0.5	N	2	22.0	31	-3	16	-2	32	-3	0	—	—	0	0	1	1
168	KHARTÛM								1012.7	+0.7	N	2	22.0	32	-3	14	-5	36	+3	0	8	—	0	0	2	5
170	KASSALA								1012.2	+1.5	E	1	20.8	33	-4	10	-10	34	-17	1	8	Cs	0	0	dr.	11
171	CENTRAL SUDAN: WAD MEDANI								1012.4	+0.9	N	1	20.6	30	-6	10	-9	29	-5	1	—	—	0	0	16	13
173	DUEIM								1013.0	+1.5	N	3	23.4	31	-5	14	-4	33	-2	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1011.6	+1.2	NNW	2	22.3	35	-2	13	-5	24	-26	0	—	—	0	0	38	35
174	EL OBEID								1013.1	-0.2	NNW	4	19.0	31	-2	11	-4	30	-4	1	8	Ci	0	0	8	19
175	EL FÂSHER								—	—	NW	1	17.0	33	-1	10	-2	61	+29	0	—	—	0	0	32	8
176	S. SUDAN: MALAKÂL								1011.9	+1.0	ENE	3	22	35	0	15	-3	—	—	3	8	Ac.	2	0	47	89
177	WÂU								1011.0	+0.6	SW	2	25.4	36	+1	20	+1	65	-5	1	—	—	0	0	164	140
178	JÛBA								1012.4	+2.0	S	5	23.7	35	-1	20	0	75	+2	8	5	Sc.	2	0	154	121
179	Geneina								—	—	NE	3	17.7	33	—	9	—	28	—	2	9	Cs.	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 22nd — ارصاد الرياح العليا يوم ٢٢

Height metres above M.S.L.	Matruh 07h 00m Dir E. of N	Matruh Kms per hour	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 06h 00m Dir	Khartum Kms	Kassala 06h 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	Salam 21st 13h 45m Dir	Salam Kms	Almaza 21st 11h 15m Dir	Almaza Kms
200	310	20	—	—	20	2	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	53	180	42
500	0	8	320	14	340	19	350	14	350	16	10	27	30	19	350	24	—	—	—	—	30	31	—	—	—	—	20	—	190	33
1000	Ent. Cu.		330	6	290	10	340	14	340	10	320	21	10	14	0	27	30	18	30	29	20	18	290	31	50	48	30	46	200	27
1500			tail		260	6	320	18	310	20	260	8	13	27	0	18	10	5	40	10	50	13	0	5	70	40	Ent. Cb.		190	24
2000					300	18	340	16	260	50	260	19	10	21	10	14	210	24	320	14	40	8	140	16	70	26			190	27
3000					350	22	340	20			290	47	340	13	50	3			270	31	310	10	120	18	220	21				
4000																							160	27	280	11				
5000																									0	6				
6000																														

Forecast for 24 hours from noon on 22nd

Northwesterly winds, on the coast fresh, inland moderate, becoming north to northeast later.
Much low cloud at times.
Light rain near the coast.
Little change in temperature.

تنبؤ الطقس لمدة ٢٤ ساعة من ظهر يوم ٢٢
رياح شمالية غربية تكون شديدة نوعا على الساحل و معتدلة في الداخل
ثم تتحول الى شمالية و شمالية شرقية فيما بعد
يكثر السحاب المنخفض احيانا
و مطر خفيف بالقرب من الساحل
ولا تتغير درجة الحرارة الا قليلا

Station	Mean of day Humidity on 21st	Diff. from normal	Wet bulb temp. on 21st	Diff. from normal
Alexandria	68	+3	17.2	+2.0
Ezbekiya	69	0	16.3	+0.6
Giza	65	-9	15.9	+0.7
Helwan	57	-1	15.2	+1.9

Giza Grass minimum on 22nd 4.4°C

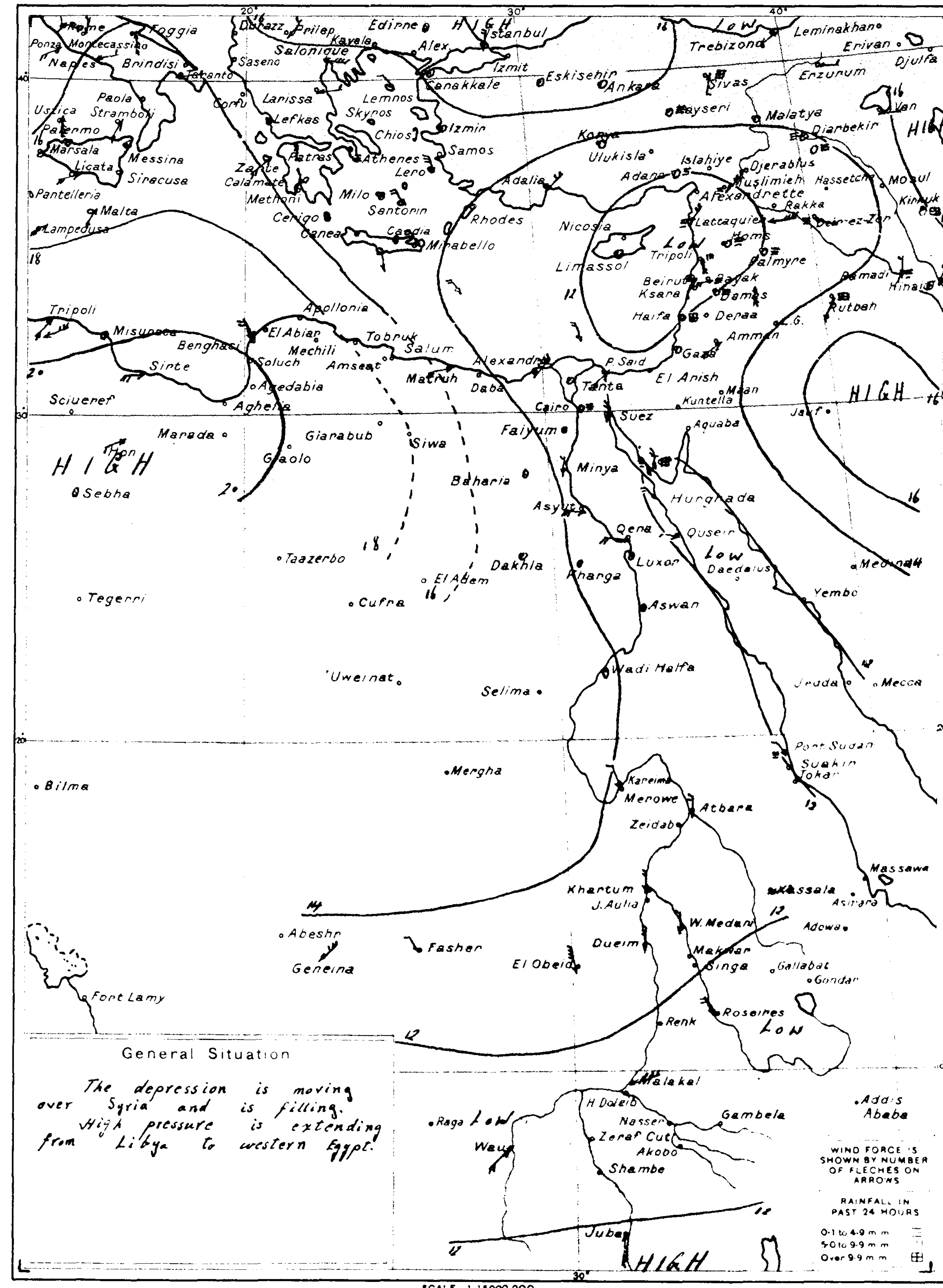
Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
22-11	1190	1391
21-11	1199	1390

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	21-11	13.82	+0.20	13.81	+0.18
Nasser	21-11	10.40	+0.08	10.41	+0.06
Malakâl	22-11	12.39	+0.09	12.40	+0.10
Roseires	21-11	14.09	+0.31	14.17	+0.34
Sennâr Res.	21-11	19.87	—	19.82	—
Khartûm	21-11	11.85	-0.24	11.85	-0.28
Kh. el Girba					
Atbara	21-11	11.20	-0.21	11.25	-0.19
Kajnarti	21-11	135.13	-0.64	135.14	-0.69
Wâdi Halfa					
Aswan Res.	22-11	118.83	—	118.65	—
D.S.	22-11	86.45	-0.13	86.47	-0.11
El Leisi	21-11	18.68	-1.59	18.78	-1.57
Roda (Cairo)	22-11	15.91	-0.86	15.88	-0.95

Printed by the Survey of Egypt 1936 (367/530)

Pressure and Wind at 8h. 22-11-37



General Situation

The depression is moving over Syria and is filling.
High pressure is extending from 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

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

Remarks

At 8h. on 21st — الساعة ٨ يوم ٢١

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	1005	-12	—	0	17	—	—	—	—	—	—	3	—	—	—	—	—	—	ليماسول
Haifa	1008.2	-7.8	WNW	2	17.7	23	-2	15	+1	78	+17	9	—	—	—	32	190	76	حيفا
Gaza	1008.0	-8.1	—	0	18.5	23	-1	16	+3	77	+5	0	9	—	0	0	116	31	غزه
Hurghada	1009.9	-6.6	—	0	24.0	26	-1	15	0	53	0	1	9	Ci	1	0	tr.	dr.	الغردقه

Ships — سفن
23319 31306 29201 14871 62785 xxx10
23282 32506 30401 14968 31004 64704 75103
23348 24806 32201 15867 37001 63501 75110

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

CAIRO

Time of sunrise 06h 28m

sunset 16h 56m

Month *November*, 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS . PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٢٣-١١-٣٧

1417 F.C.

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

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	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 1st Oct. to yesterday mm	Normal 1st Oct. to yesterday mm
	MEDITERRANEAN																									
130	SALŪM	1016.8	NW	6	21.8	51	2	7	1019.5	+1.0	WNW	4	15.1	23	—	13	—	94	—	2	5	Cu	1	dr.	8	—
131	MATRŪH	1014.8	NW	4	21.8	77	2	6	1016.7	-1.2	WSW	2	16.8	22	0	15	+1	91	+16	2	6	Cu	1	0	42	34
150	DIKHEILA	1013.9	NNW	3	22.1	61	2	—	1017.1	—	SSW	2	16.7	23	—	16	—	79	—	4	—	—	—	7	26	—
132	ALEXANDRIA	1014.4	E	3	23.8	54	2	9	1016.6	-1.6	S	1	16.4	25	+1	16	+1	93	+22	4	6	Cb	6	5	42	29
159	DAMIETTA								1015.8	—	SW	2	17.2	26	—	13	—	78	—	2	7	Sc	1	tr.	46	21
134	PORT SAĪD	1013.1	NW	2	24.0	61	0	8	1016.6	-0.1	NW	4	20.5	26	+3	17	+1	70	-3	0	7	—	1	0	36	11
135	EL 'ARĪSH	1012.3	NNW	1	23.0	85	0	7	1015.9	—	WSW	1	21.0	25	—	18	—	74	—	0	7	—	0	2	41	11
	LOWER EGYPT																									
136	DAMANHŪR								1016.7	-1.6	SW	2	18.2	25	0	15	+3	81	-5	5	7	Cu	2	dr.	43	15
137	MANSŪRA								1016.0	—	W	2	17.6	25	-1	13	0	82	+2	2	4	AC	2	3	70	6
138	TANTA	1013.6	W	3	21.0	91	4	5	1017.2	-1.3	—	0	16.0	25	0	12	0	84	+2	3	5	Cu	1	4	44	4
139	ZAGĀZĪG	1013.8	NNW	4	23.9	63	2	8	1017.4	—	SW	1	17.9	24	-1	11	-1	79	-3	1	7	Ci	1	0	27	3
	MIDDLE EGYPT																									
141	CAIRO ALMĀZA	1013.4	NW	3	25.0	50	3	7	1017.4	—	SSE	2	17.9	26	—	10	—	71	—	1	7	Sc	1	0	32	—
	CAIRO EZBEKĪYA	1013.1	WNW	1	25.8	58	2	8	1017.0	-1.2	SSW	1	16.5	27	+3	13	0	88	+8	8	4	—	0	dr.	14	3
	CAIRO GĪZA	1012.8	NNW	2	24.7	57	3	9	1017.4	-1.1	—	0	15.1	26	+2	10	-1	96	+8	8	4	Sc	1	dr.	54	3
143	HELWĀN	1012.8	WNW	3	23.4	56	3	7	1017.1	-1.1	—	0	16.4	24	+1	12	-1	79	+9	0	4	—	0	dr.	24	3
144	SUEZ	1013.1	NE	3	23.6	57	1	8	1017.1	+0.1	NE	1	17.1	25	0	16	+1	83	+6	1	7	AC	1	0	25	7
	UPPER EGYPT																									
153	FAIYŪM	1013.6	NNW	3	24.5	51	2	8	1017.5	-0.6	N	1	19.3	26	0	12	0	72	-3	0	6	—	0	0	dr.	1
154	MINYA	1013.0	NNW	2	24.6	50	1	7	1017.5	-0.9	N	1	16.3	25	+1	13	+1	81	+2	0	6	—	0	0	dr.	—
155	ASYŪT	1012.7	NNW	3	26.0	45	2	8	1017.2	-0.9	WSW	3	17.2	26	+1	14	+3	78	+7	0	6	—	0	0	0	2
156	QENA	1011.6	WSW	2	27.8	46	0	8	1016.2	-0.8	WNW	1	19.0	28	0	15	+3	72	+12	0	8	—	0	0	0	—
157	LUXOR	1011.6	NNW	2	27.0	51	0	8	1015.6	—	NNW	1	21.1	30	—	12	—	69	—	0	7	—	0	0	dr.	—
158	ASWĀN	1010.8	NW	1	28.2	34	0	8	1015.9	-0.7	N	1	19.7	30	0	15	+1	57	+7	0	8	—	0	0	dr.	—
	WESTERN DESERT																									
148	SĪWA	1015.6	NW	1	24.3	73	2	6	1018.8	+0.1	—	0	16.4	26	+2	12	+3	85	+17	2	6	Ci	1	0	dr.	1
149	BAHARĪYA	1013.8	SW	2	24.6	49	1	9	1017.6		SSW	1	17.0	26	—	11	—	63	—	0	9	—	0	0	0	—
151	KHARGA	1012.6	N	1	27.2	54	0	9	1017.5	+0.2	N	1	20.0	27	-1	14	+3	72	+10	0	9	—	0	0	0	dr.
152	DĀKHLA	1013.5	NNW	1	25.4	39	3	6	1018.7	0.0	W	1	19.5	27	-1	17	+6	55	+3	0	8	—	0	0	0	
	RED SEA																									
145	TOR	1011.4	NW	2	25.5	72	0	6	1014.6	-2.0	NE	2	19.5	26	0	16	+3	81	+18	0	6	—	0	0	40	4
146	HURGHĀDA								1015.1	-1.6	WNW	3	22.5	26	0	18	+3	73	+20	1	9	Cu	1	0	tr.	dr.
147	QUSEIR	1011.0	N	3	25.8	60	0	6	1014.6	-1.5	NNW	3	24.8	28	+1	20	+1	91	+43	0	7	—	0	0	4	3
169	PORT SUDAN								1013.0	-1.1	NW	2	27.0	31	+1	23	0	75	+7	1	—	—	0	dr.	36	47
	NORTH SUDAN																									
165	WADI HALFA								1016.7	-0.2	—	0	20.0	28	-1	14	+1	44	-4	3	8	—	1	—	—	—
166	KAREIMA								1015.8	+1.0	NE	1	20.7	32	-2	16	-1	41	+6	0	8	—	0	0	dr.	1
167	ATBARA								1014.0	+1.1	NNE	3	22.0	31	-3	15	-3	32	-3	0	—	—	0	0	1	1
168	KHARTUM								1013.9	+1.8	NW	4	21.5	34	-1	15	-4	41	+7	2	8	Ci	0	0	2	5
170	KASSALA								1011.5	+0.7	ESE	2	22.3	34	-3	14	-6	36	-16	1	8	Cs	0	0	dr.	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1013.0	+1.4	NNE	2	22.7	32	-4	13	-6	25	-10	1	—	—	0	0	16	13
173	DUEIM								1012.8	+1.2	NNW	3	23.2	33	-3	18	0	35	0	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1011.5	+1.0	NW	2	21.8	36	-1	13	-5	35	-15	0	—	—	0	0	38	35
174	EL OBEID								1013.3	-0.1	N	4	20.0	33	0	12	-2	25	-9	0	8	—	0	0	8	19
175	EL FASHER								—	—	NW	1	17.0	33	0	10	-2	65	+33	0	—	—	0	0	32	8
	S. SUDAN																									
176	MALAKAL								1011.0	+0.1	NNE	4	23.8	35	0	17	-1	20	-24	1	8	Ac	1	0	47	90
177	WAU								1010.3	-0.2	S	1	24.3	36	+1	21	+2	57	-13	1	—	—	0	0	164	141
178	JUBA								1013.3	+2.9	SSE	3	22.0	35	-1	21	+1	82	+9	4	6	Sc, Cb	9	0	154	122
179	Geneina								—	—	NE	4	14.8	33	—	11	—	49	—	1	7	Ci	0	0	14	—
180	Gallabat																									

Upper Wind Observations 23rd — ارصاد الرياح العليا يوم ٢٣

Dir. E of N / Kms per hour

Height metres above M.S.L.	Salum 07h 45m Dir.	Kms	Matruh 07h 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 05h 00m Dir.	Kms	Kareima 05h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Kassala 06h 00m Dir.	Kms	El Obeid 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Juba 07h 00m Dir.	Kms	Salum 22 13h 15m Dir.	Kms	Almaza 22 11h 30m Dir.	Kms
200	320	24	280	28	290	9	230	9	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	340	30	310	9
500	330	32	330	38	330	8	280	8	0	42	10	21	30	24	10	39	0	31	—	—	—	—	20	43	—	—	330	35	350	9
1000	340	37	320	42	0	16	0	8	340	45	30	5	20	18	0	21	30	45	30	21	30	50	20	34	120	21	320	30	Ent. Sc.	
1500	330	70			0	22	0	1	320	33	20	4	10	16	300	11	40	69	10	19	50	32	20	32	130	27	310	26		
2000	tail				280	14					350	5	30	8	250	6	140	32	100	5	20	18	20	23	130	27	300	38		
3000					280	22											200	34	210	23			130	6	150	16	Ent. Cu.			
4000																							190	16	100	16				
5000																														
6000																														

Forecast for 24 hours from noon on 23rd

On the coast moderate to fresh west to northwest winds.

Inland moderate northwest to north winds.

Much low cloud at times.

Light showers in the north. Unsettled.

Temperature remaining about normal.

تنبؤات الطقس لمدة ٢٤ ساعة من ظهر يوم ٢٣

رياح بين معتدله و شديده نوعا وبين غربيه وشماليه غربيه على السواحل ورياح معتدله بين شماليه غربيه وشماليه في الداخل

يكثر السحاب المنخفض احيانا

تساقط رزاز خفيف في الشمال والطقس متقلب

تستمر درجة الحرارة حوالي المعدل

Station	Mean of day Humidity 22nd	Diff. from normal	Wet bulb temp. 22nd	Diff. from normal
Alexandria	61	-4	17.4	+2.3
Ezbekiya	80	+11	18.2	+2.7
Giza	80	+6	17.4	+2.4
Helwan	73	+15	16.6	+3.4

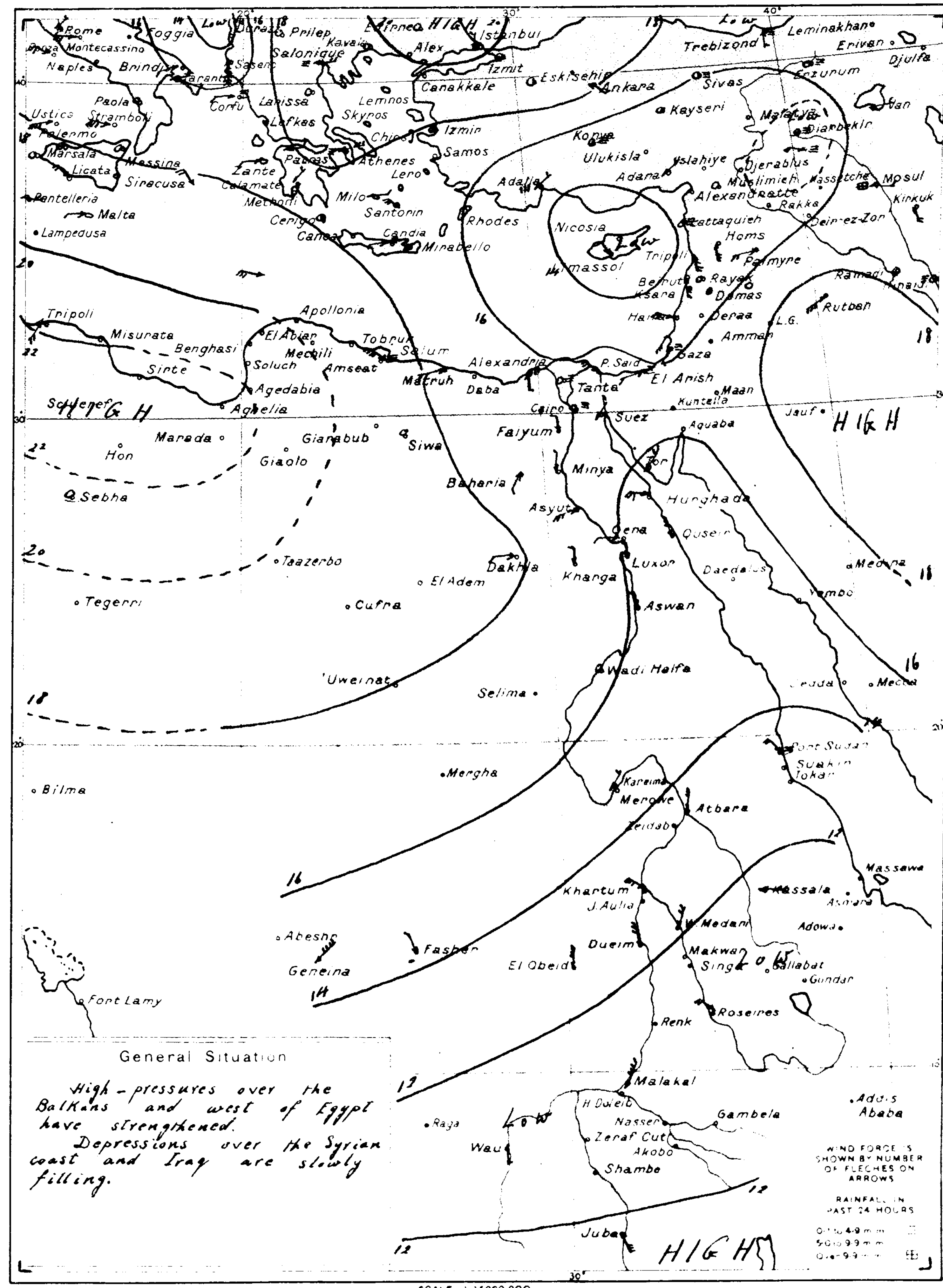
Giza grass minimum on 23rd 7.7 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
23-11	1216	1391
22-11	1190	1391

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	22-11	13.82	+0.21	13.82	+0.20
Nasser	22-11	10.38	+0.09	10.40	+0.08
Malakal	23-11	12.39	+0.09	12.39	+0.09
Roseires	22-11	14.00	+0.24	14.09	+0.31
Sennar Res	22-11	19.93	—	19.87	—
Khartum	22-11	11.82	-0.25	11.85	-0.24
Khashm el Girba					
Atbara	22-11	11.17	-0.22	11.20	-0.21
Kajnarti	22-11	135.12	-0.58	135.13	-0.64
Wadi Halfa					
Aswan Res	23-11	118.97	—	118.83	—
D S	23-11	86.47	-0.11	86.45	-0.13
El Leisi	23-11	18.62	-1.50	18.64	-1.55
Roda (Cairo)	23-11	15.88	-0.83	15.91	-0.86

Pressure and Wind at 8h. 23-11-37



General Situation

High-pressures over the Balkans and west of Egypt have strengthened.

Depressions over the Syrian coast and Iraq are slowly filling.

At 8h. on 22nd — الساعة ٨ يوم ٢٢

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 mm	Total 1st Oct. to yesterday mm	Normal 1st Oct. to yesterday mm	مرصد
Limassol	1012	-5	—	0	17	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1012.6	-3.4	—	0	18.0	21	-4	15	+1	82	+21	—	—	—	—	13	203	79	حيفا
Gaza	1012.2	-4.0	—	0	17.6	26	+2	15	+2	82	+10	0	9	—	0	0	116	32	غزه
Salum	1017.1	-1.4	NW	3	14.6	21	—	13	—	98	—	5	4	Cb	5	1	8	—	السلوم
Siwa	1015.9	-2.8	—	0	17.9	27	+2	15	+6	89	+22	0	6	—	0	0	dr	1	سيوه

Ships								سفن
	33343	21206	26301	10868	31083	41704	65101	
	33370	18106	27200	18866	31084	64011	75300	

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

Remarks

ANNUAL SUBSCRIPTION

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

Printed by the Survey of Egypt 1936 (367530)

CAIRO

Time of sunrise 06 28

sunset 16 55

Month November 1937 ١٩٣٧ شهر نوفمبر

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

DAILY WEATHER REPORT

١٩٣٧-١١-٢٤ Pressure and Wind at 8 h. 24-11-1937

No.	Station	23rd 14h: Bar. Pressure Reduced to M.S.L. m.b.	Wind Dir.	Force	Temperature °C	Humidity %	Present Weather	Visibility	Wednesday 24th 8h: 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	1018.7	NW	4	22.6	57	2	7	1020.2	+1.7	WNW	4	13.8	23	—	13	—	95	—	8	3	St	4	0	8	—
131	MATRÛH	1016.3	NW	5	21.6	79	2	6	1017.8	-0.2	WSW	3	16.2	22	0	15	+2	95	+20	1	6	Cu	1	0	42	35
150	DIKHEILA	1016.7	WNW	2	22.5	65	3	7	1017.4	—	SW	2	19.0	22	—	15	—	75	—	2	7	Ac	1	dr	26	—
132	ALEXANDRIA	1015.8	NNE	2	22.5	63	3	8	1017.0	-1.2	N	1	21.0	23	-1	16	+1	58	-13	3	7	Cu	5	tr	42	31
159	DAMIETTA								1016.3	—	WSW	2	17.2	22	—	14	—	86	—	5	6	Ns	8	6	52	21
134	PORT SAÏD	1015.8	NW	4	21.0	67	2	7	1016.3	-0.5	NW	4	19.5	23	0	18	+2	77	+4	3	7	Cu	2	dr	36	11
135	EL 'ARÎSH	1015.0	NNW	1	23.0	66	0	7	1015.6	—	NSW	1	20.0	25	—	16	—	78	—	4	7	Sc	1	0	41	12
136	LOWER EGYPT: DAMANHÛR								1017.5	-0.8	SW	1	18.0	24	-1	14	+2	85	-1	2	8	Cu	1	dr	43	15
137	MANSÛRA								1016.3	—	NNW	1	16.1	22	-3	14	+1	89	+9	1	6	Cc	1	4	74	7
138	TANTA	1015.5	—	0	23.8	60	3	6	1017.2	-1.3	—	0	17.0	25	0	13	+1	80	-2	0	6	—	0	0	44	5
139	ZAGÂZÎG	1015.8	SW	1	24.3	60	2	8	1017.5	—	SW	2	18.6	24	-1	12	0	85	+3	2	7	Cc	1	dr	27	3
141	MIDDLE EGYPT: CAIRO ALMÂZA								1017.9	—	SW	2	16.9	24	—	11	—	81	—	3	7	St	4	0	32	—
	CAIRO EZBEKÎYA	1015.5	—	0	25.6	56	2	8	1017.8	-0.4	WNW	1	16.8	26	+2	15	+3	92	+12	1	6	Cc	1	0	14	4
	CAIRO GÎZA	1015.4	WNW	2	23.7	58	3	7	1017.5	-1.1	—	0	15.6	26	+2	12	+1	94	+8	2	6	Sc	2	0	54	4
143	HELWÂN	1015.5	WNW	3	22.2	57	2	8	1017.5	-0.7	—	0	16.3	23	0	13	0	87	+17	2	4	Ac	1	0	24	3
144	SUEZ	1015.1	NNW	3	22.8	52	0	8	1017.2	+0.1	NNE	2	16.8	25	0	14	0	80	+3	2	7	As	1	0	25	7
153	UPPER EGYPT: FAIYÛM	1016.0	NW	2	25.1	47	1	8	1017.8	-0.4	NW	1	18.0	27	+2	14	+2	78	+3	1	7	Cc	1	0	dr	1
154	MINYA	1015.6	N	2	24.2	45	2	8	1018.0	-0.4	NNW	2	16.1	25	+1	14	+2	77	-2	0	7	—	0	0	dr	—
155	ASYÛT	1015.8	NW	4	24.8	43	2	8	1018.3	+0.1	SW	3	16.0	25	0	13	+2	79	+8	0	6	—	0	0	0	2
156	QENA	1013.5	WSW	1	28.9	47	1	8	1016.8	-0.3	WSW	2	18.5	30	+2	14	+2	61	0	0	8	—	0	0	0	—
157	LUXOR	1013.3	NNW	3	28.0	52	2	8	1016.6	—	ESE	2	21.1	30	—	12	—	66	—	0	8	—	0	0	dr	—
158	ASWÂN	1012.4	—	0	27.0	33	1	8	1017.4	+0.7	NNW	1	19.3	28	-1	16	+2	54	+4	0	8	—	0	0	dr	—
148	WESTERN DESERT: SÎWA	1017.8	WNW	1	25.8	67	1	6	1019.4	+0.6	—	0	16.1	26	+2	11	+2	78	+10	0	6	—	0	0	dr	2
149	BAHARÎYA	1016.4	NW	3	23.9	41	3	9	1017.9		NNW	2	17.9	24	—	10	—	69	—	0	9	—	0	0	0	—
151	KHÂRGA	1015.5	N	3	26.4	50	0	9	1018.3	+0.9	—	0	19.2	27	-1	14	+3	72	+10	0	9	—	0	0	0	dr
152	DÂKHLA	1016.3	N	3	24.5	30	1	7	1019.6	+0.8	NW	2	17.5	26	-1	13	+2	57	+5	0	7	—	1	0	0	—
145	RED SEA: TOR	1013.4	NW	5	24.2	78	0	6	1014.7	-1.9	N	2	20.2	25	0	16	+3	73	+10	0	6	—	0	—	40	4 dr
146	HURGHÂDA																									
147	QUSEIR	1013.3	NE	3	25.2	64	0	6	1015.0	-1.2	N	2	23.4	27	0	19	0	48	0	0	7	—	0	0	4	3
169	PORT SUDAN								1012.8	-1.4	N	3	28.4	31	+1	24	+1	63	-5	3	7	—	0	0	36	49
165	NORTH SUDAN: WÂDI HALFA								1018.0	+0.9	NNE	3	18.3	27	-2	15	+2	51	+3	0	8	—	0	—	—	—
166	KAREIMA								1016.4	+1.5	NE	4	19.8	30	-4	15	-2	47	+12	1	8	Ci	0	0	dr	1
167	'ATBARA								1014.4	+2.4	N	3	22.0	32	-2	17	-1	33	-2	0	—	—	0	0	1	1
168	KHARTÛM								1014.5	+2.3	N	4	21.6	33	-2	16	-3	43	+9	1	8	Ci, Ac	1	0	2	5
170	KASSALA								1010.7	-0.2	NE	2	22.8	34	-2	14	-6	52	0	1	8	Ci, Ac	0	0	dr	11
171	CENTRAL SUDAN: WAD MEDANI								1013.3	+1.6	N	2	24.0	33	-3	15	-4	27	-8	1	—	—	0	0	16	13
173	DUEIM								1013.6	+1.9	NW	3	22.4	33	-3	18	0	38	+4	2	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1011.9	+1.4	NNW	2	23.7	35	-2	13	-4	21	-29	1	—	—	0	0	38	36
174	EL OBEID								1014.7	+1.2	N	4	19.0	32	-1	15	+1	38	+4	2	8	Ac	0	0	8	19
175	EL FÂSHER								—	—	NNE	1	18.0	33	0	13	+1	66	+34	0	—	—	0	0	32	8
176	S. SUDAN: MALAKÂL								1012.3	+1.4	N	5	22.8	35	-1	18	0	25	-18	2	8	Ac	1	0	47	90
177	WÂU								1011.8	+1.3	NE	1	24.6	35	-1	20	+1	58	-11	2	—	—	0	0	164	142
178	JÛBA								1013.1	+2.7	SE	4	23.1	34	-2	20	0	75	+2	4	8	Sc	2	dr	154	123
179	Geneina								—	—	NE	3	14.9	32	—	10	—	49	—	0	8	—	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 24th — ارصاد الرياح العليا يوم ٢٤

Dir. E. of N / Kms per hour

Height metres above M.S.L.	Salum 07h00m	Matrah 07h00m	Cairo 08h15m	Helwan 07h00m	Asyut 07h00m	Aswan 07h00m	W. Halfa 06h00m	Kareima 06h00m	Khartum 05h00m	Kassala 06h00m	Malakal 06h00m	Juba 06h00m	Geneina 07h00m	Salam 23rd 13h30m	[illegible] 23rd 11h45m
200	300 / 22	300 / 16	310 / 18	290 / 4	— / —	— / —	10 / 16	— / —	— / —	— / —	— / —	— / —	— / —	340 / 25	260 / 11
500	330 / 24	310 / 36	320 / 11	330 / 14	320 / 24	0 / 28	20 / 35	10 / 32	350 / 47	— / —	20 / 48	— / —	— / —	300 / 29	260 / 17
1000	350 / 25	320 / 42	330 / 22	330 / 19	340 / 33	20 / 24	10 / 39	10 / 29	340 / 34	0 / 21	20 / 40	230 / 10	30 / 47	320 / 43	280 / 13
1500	340 / 39	0 / 18	320 / 22	330 / 23	330 / 36	330 / 16	340 / 31	340 / 11	290 / 8	30 / 13	30 / 27	80 / 10	50 / 76	310 / 20	330 / 7
2000	Tail		320 / 22	320 / 24	320 / 28	280 / 17	10 / 11	190 / 13	200 / 10	150 / 11	10 / 21	110 / 21	80 / 32	320 / 12	300 / 26
3000			0 / 24				0 / 24	350 / 10	250 / 18		70 / 11	130 / 27	240 / 13		
4000							340 / 14		270 / 11		160 / 10	150 / 27	290 / 10		
5000												120 / 24			
6000															

Forecast for 24 hours from noon on 24th

Moderate west to northwest winds.
Much low cloud.
Scattered showers.
Remaining unsettled.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٤
رياح معتدلة بين غربية وشمالية غربية
يكثر السحاب المنخفض
وبعض رذاذ في جهات متفرقة
ويبقى الطقس متقلبا
ولا تتغير درجة الحرارة إلا قليلا

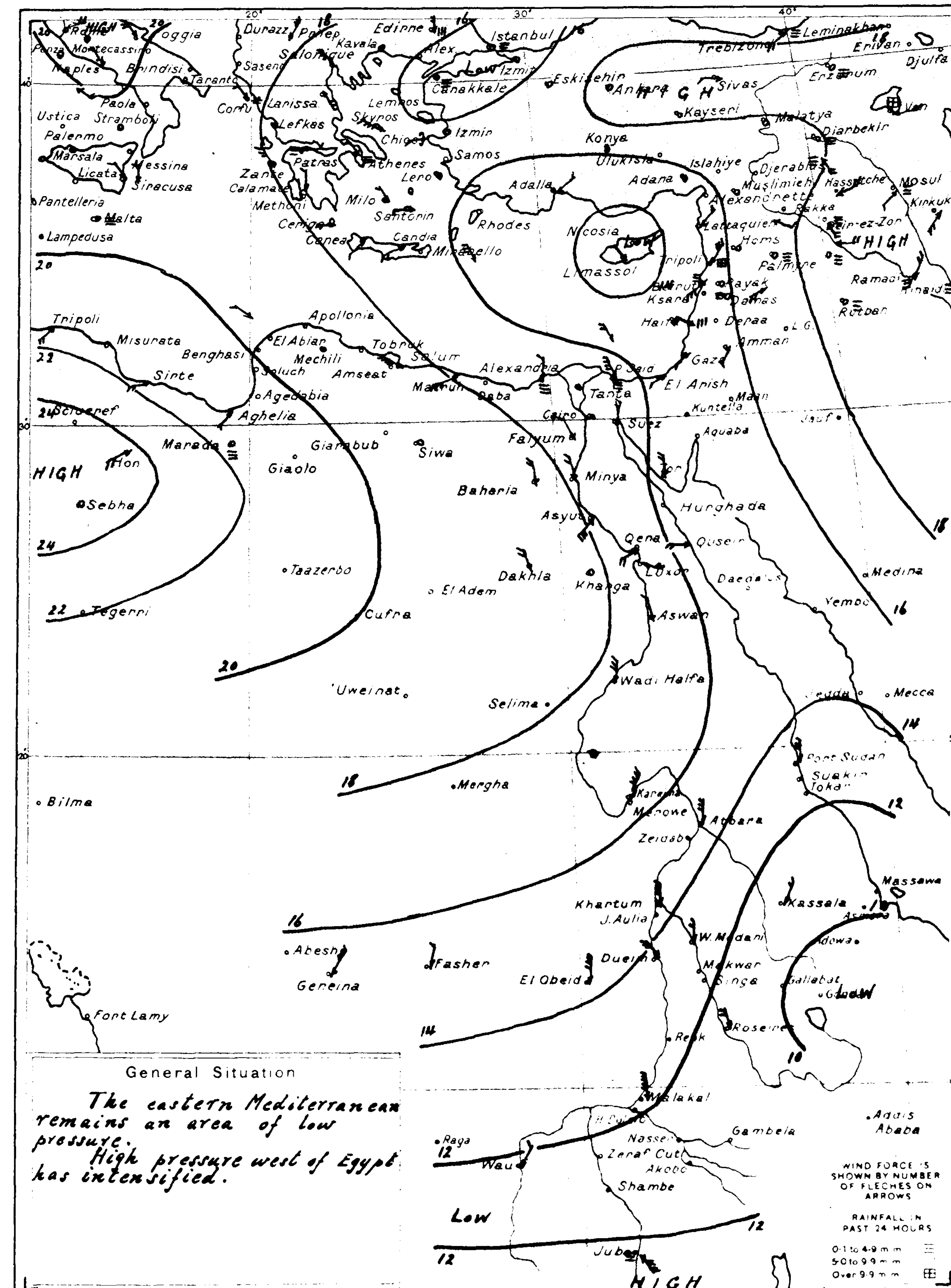
Station	Mean of day: Humidity on 23rd %	Diff from normal	Wet bulb temp. on 23rd	Diff from normal
Alexandria	78	+13	16.5	+1.6
Ezbekiya	81	+12	17.4	+2.0
Giza	88	+13	16.1	+1.2
Helwan	71	+13	16.0	+2.9

Giza grass minimum on 24th 9.4 °C

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

Date	1937	1936
24.11	1214	1390
23.11	1216	1391

Gauge	Date 1937	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Jûba	24.11	13.86	+0.26	13.86	+0.26
Nâsser	23.11	10.36	+0.10	10.38	+0.09
Malakâl	24.11	12.38	+0.07	12.39	+0.07
Roseires	24.11	13.86	+0.20	13.92	+0.22
Sennâr Res.	23.11	20.04	—	19.93	—
Khartûm	23.11	11.81	-0.21	11.82	-0.25
Kh. el Girba					
Atbara	24.11	11.14	-0.19	11.16	-0.21
Kajnarti	23.11	135.12	-0.53	135.12	-0.58
Wâdi Halfa					
Aswân Res.	24.11	119.12	—	118.97	—
D S	24.11	86.47	-0.11	86.47	-0.11
El Leisi	24.11	18.60	-1.45	18.62	-1.50
Rôda (Cairo)	24.11	15.91	-0.76	15.88	-0.83



General Situation

The eastern Mediterranean remains an area of low pressure.
High pressure west of Egypt has intensified.

Station	At 8h on 23rd: 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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1013	-4	NW	1	16	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1015.1	-1.0	WNW	2	20.0	25	+1	15	+1	72	+10	1	—	—	—	0	203	82	حيفا
Gaza	1016.0	-0.2	SSW	1	17.9	25	+1	16	+3	93	+21	3	4	—	1	2	118	33	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 136/530

CAIRO
Time of sunrise 06h 29m
sunset 16h 55m

Month *November*, 1937 ١٩٣٧ شهر نوفمبر

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

DAILY WEATHER REPORT

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 Thursday 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 mm	Total fr. Oct 1 to yesterday mm	Normal fr. Oct 1 to yesterday mm
130	Mediterranean	SALÛM	1018.8	NW	4	22.4	55	1	6	1019.6	+1.2	W	4	14.0	23	—	13	—	100	—	8	0	Sc	4	0	8	—
131		MATRÛH	1016.4	WNW	5	21.4	78	2	6	1017.6	−0.4	WSW	2	16.6	22	0	15	+2	94	+19	4	6	Cb	2	0	42	35
150		DIKHEILA	1016.6	WNW	2	22.5	56	2	8	1017.6	—	SW	2	18.2	23	—	15	—	80	—	4	6	Sc	1	dr.	26	—
132		ALEXANDRIA	1015.6	WNW	4	23.0	53	2	9	1017.4	−0.9	SW	2	19.4	24	+1	16	+1	78	+7	4	8	Cb	2	4	46	32
159		DAMIETTA								1017.1	—	SW	2	17.9	24	—	14	—	76	—	3	7	Ac	1	tr.	52	22
134		PORT SAÏD	1015.5	NW	3	23.0	59	0	7	1017.6	+0.8	NW	4	19.2	24	+1	17	+2	72	−1	2	6	Ns	1	0	36	12
135		EL 'ARÎSH	1014.7	NNW	1	20.3	81	3	7	1016.6	—	WSW	1	18.8	23	—	17	—	80	—	1	7	Cu	1	3	44	12
136	Lower Egypt	DAMANHÛR								1017.9	−0.4	SW	1	16.0	25	0	13	+1	85	−1	3	7	Ac	1	0	43	16
137		MANSÛRA								1017.2	—	NW	1	16.6	24	−1	13	0	85	+5	1	7	Cc	1	0	74	7
138		TANTA	1015.5	NW	2	23.0	52	3	6	1018.0	−0.5	SW	1	15.5	25	+1	12	0	90	+8	2	6	Cc	1	0	44	5
139		ZAGÂZIG	1015.5	NNW	1	23.3	51	2	8	1018.6	—	SW	2	17.1	23	−2	11	−1	87	+5	2	7	Cs	1	0	27	3
141	Middle Egypt (Cairo)	ALMÂZA	1016.3	NW	3	23.0	46	3	8	1018.7	—	S	3	16.6	23	—	11	—	74	—	2	7	As	2	0	32	—
	Middle Egypt (Cairo)	EZBEKÎYA	1015.5	WNW	2	24.5	52	2	8	1018.4	+0.1	SSE	2	15.5	26	+2	14	+2	90	+10	1	5	Cs	1	0	14	4
	Middle Egypt (Cairo)	GÎZA	1015.4	NNW	2	23.1	53	3	8	1018.7	0.0	SSE	3	15.2	24	0	12	+1	91	+5	8	4	As	1	0	54	4
143		HELWÂN	1015.4	WNW	3	22.0	56	2	8	1018.8	+0.6	SE	1	15.2	22	−1	13	0	82	+12	2	5	Ci	0	0	24	3
144		SUEZ	1015.4	NW	2	22.7	49	2	7	1018.0	+0.8	NE	2	16.4	23	−2	13	−1	83	+6	0	7	—	0	0	25	7
153	Upper Egypt	FAIYÛM	1016.0	NW	2	23.9	48	3	8	1020.2	+2.0	—	0	19.0	26	+1	12	+1	67	−8	3	5	Ac	1	0	dr.	1
154		MINYA	1016.0	NNW	2	22.9	49	1	7	1019.5	+1.0	NNW	1	16.3	23	−1	13	+1	79	0	0	5	—	0	0	dr.	—
155		ASYUT	1016.0	NW	3	23.2	50	2	7	1019.5	+1.2	SW	3	16.0	24	−1	12	+1	79	+8	0	6	—	0	0	0	2
156		QENA	1013.9	WNW	2	25.8	40	2	8	1017.8	+0.6	WNW	2	17.2	28	0	13	+1	74	+13	0	9	—	0	0	0	—
157		LUXOR	1014.2	WNW	4	25.3	53	3	8	1017.8	—	—	0	19.5	26	—	11	—	70	—	0	8	—	1	0	dr.	—
158		ASWÂN	1013.4	N	1	25.4	38	1	8	1018.3	+1.5	—	0	17.8	26	−3	13	−1	58	+8	3	8	Ac	2	0	dr.	—
148	Western Desert	SÎWA	1018.0	NNW	2	25	73	0	6	1019.0	+0.2	—	0	14.3	26	+2	10	+1	75	+7	0	6	—	0	0	dr.	2
149		BAHARIYA	1016.4	NW	3	23.0	44	0	9	1018.8		—	0	15.0	23	—	10		70	—	0	9	—	0	0	0	
151		KHÂRGA	1015.5	N	4	25.2	53	0	9	1019.6	+2.1	N	2	18.0	26	−2	13	+2	71	+8	0	9	—	0	0	0	dr.
152		DÂKHLA	1016.8	NNW	3	24.0	33	1	7	1020.4	+1.5	WNW	1	16.3	25	−2	11	+1	57	+4	0	8	—	0	0	0	
145	Red Sea	TOR	1012.8	NW	6	24.0	77	0	6	1016.3	−0.4	N	3	22.0	25	0	18	+5	67	+4	0	6	—	0	0	40	4
146		HURGHÂDA																									dr.
147		QUSEIR	1013.1	NNE	3	24.4	57	0	7	1016.3	+0.1	NNW	3	22.9	26	−1	19	+1	49	+1	0	7	—	0	0	4	3
169		PORT SUDAN								1013.5	−0.7	N	4	27.3	32	+2	24	+1	70	+2	3	—	—	2	dr.	36	51
165	North Sudan	WADI HALFA								1019.2	+2.0	NNE	1	16.1	26	−3	14	+2	55	+7	0	8	—	0	—	—	
166		KAREIMA								1017.6	+2.6	NE	3	18.8	29	−5	15	−2	46	+11	3	8	Ci	1	0	dr.	1
167		'ATBARA								1014.8	+1.7	N	4	22.3	31	−3	17	−1	33	−3	1	—	—	0	0	1	1
168		KHARTÛM								1015.7	+3.4	NNW	4	21.3	32	−3	17	−2	41	+7	4	8	Cs	0	0	2	5
170		KASSALA								1011.1	+0.1	E	2	22.2	34	−2	15	−5	58	+6	3	8	Cs	0	0	dr.	11
171	Central Sudan	WAD MEDANI								1014.4	+2.6	N	3	21.5	31	−5	14	−5	35	0	2	—	—	0	0	16	13
173		DUEIM								1014.3	+2.5	N	4	22.4	32	−4	17	−1	42	+8	1	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1012.8	+2.2	NW	2	22.8	34	−3	14	−3	31	−19	0	—	—	0	0	38	36
174		EL OBEID								1015.2	+1.6	NNE	5	18.7	30	−3	13	−1	38	+4	4	8	Ci	1	0	8	19
175		EL FASHER								—	—	N	1	16.5	31	−2	12	0	65	+33	0	—	—	0	0	32	8
176	S. Sudan	MALAKÂL								1013.0	+2.1	N	5	23.0	34	−2	16	−2	38	−5	2	8	Ci	2	0	47	90
177		WAU								1013.9	+3.4	N	2	20.0	36	0	17	−2	55	−14	0	—	—	0	0	164	142
178		JUBA								1014.5	+4.1	W	5	21.8	35	−1	18	−2	82	+10	8	4	Cu, Sc	2	0	154	124
179		Geneina								—	—	NE	4	14.2	32	—	12	—	57	—	2	8	Ac	0	0	14	—
180		Gallabat																									

الساعة ١٤ يوم ٢٤ — الساعة ٨ يوم الخميس ٢٥

Upper Wind Observations on 25th

ارصاد الرياح العليا يوم ٢٥

Height metres above M.S.L.	Matruh 07h 00m Dir. E of N	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	Kareima 06h 00m Dir.	Kms per hour	Khartum 05h 00m Dir.	Kms per hour
200	290	30	230	14	150	12	—	—	—	—	20	23	—	—	—	—
500	300	28	280	26	250	13	350	29	10	31	20	43	10	53	340	40
1000	310	29	310	16	320	15	350	31	20	40	10	39	30	43	0	56
1500	310	38	330	8	320	6	340	38	10	8	10	32	350	11	20	16
2000			350	31	340	40			10	38	20	29	240	8	140	16
3000			330	21							10	24	10	8	230	26
4000											330	19			200	40
5000																
6000																

Height metres above M.S.L.	Kassala 06h 00m Dir. E of N	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	Geneina 07h 00m Dir.	Kms per hour	Salum 24th 13h 00m Dir.	Kms per hour	Almaza 24th 11h 30m Dir.	Kms per hour
200	—	—	—	—	—	—	—	—	—	—	340	28	290	8
500	—	—	—	—	20	42	—	—	—	—	330	24	310	8
1000	20	21	0	50	10	47	270	2	40	51	320	23	310	26
1500	80	8	30	18	30	26	100	29	60	106	330	35	310	27
2000	140	18	330	19	50	13	110	37	40	51				
3000	220	27	240	24	130	8	100	14	270	18				
4000	190	43	220	35			120	5	240	27				
5000			240	51										
6000														

Forecast for 24 hours from noon on 25th

Westerly winds, moderate inland, fresh on the coast.
Some low cloud. Light showers near the coast.
Temperature slightly above normal.

... يوم ٢٥

رياح غربية معتدلة فى الداخل وشديدة نوعا على الساحل
يظهر بعض السحاب المنخفض ويتساقط رذاذ خفيف
بالقرب من الساحل
ودرجة الحرارة فوق المعدل قليلا

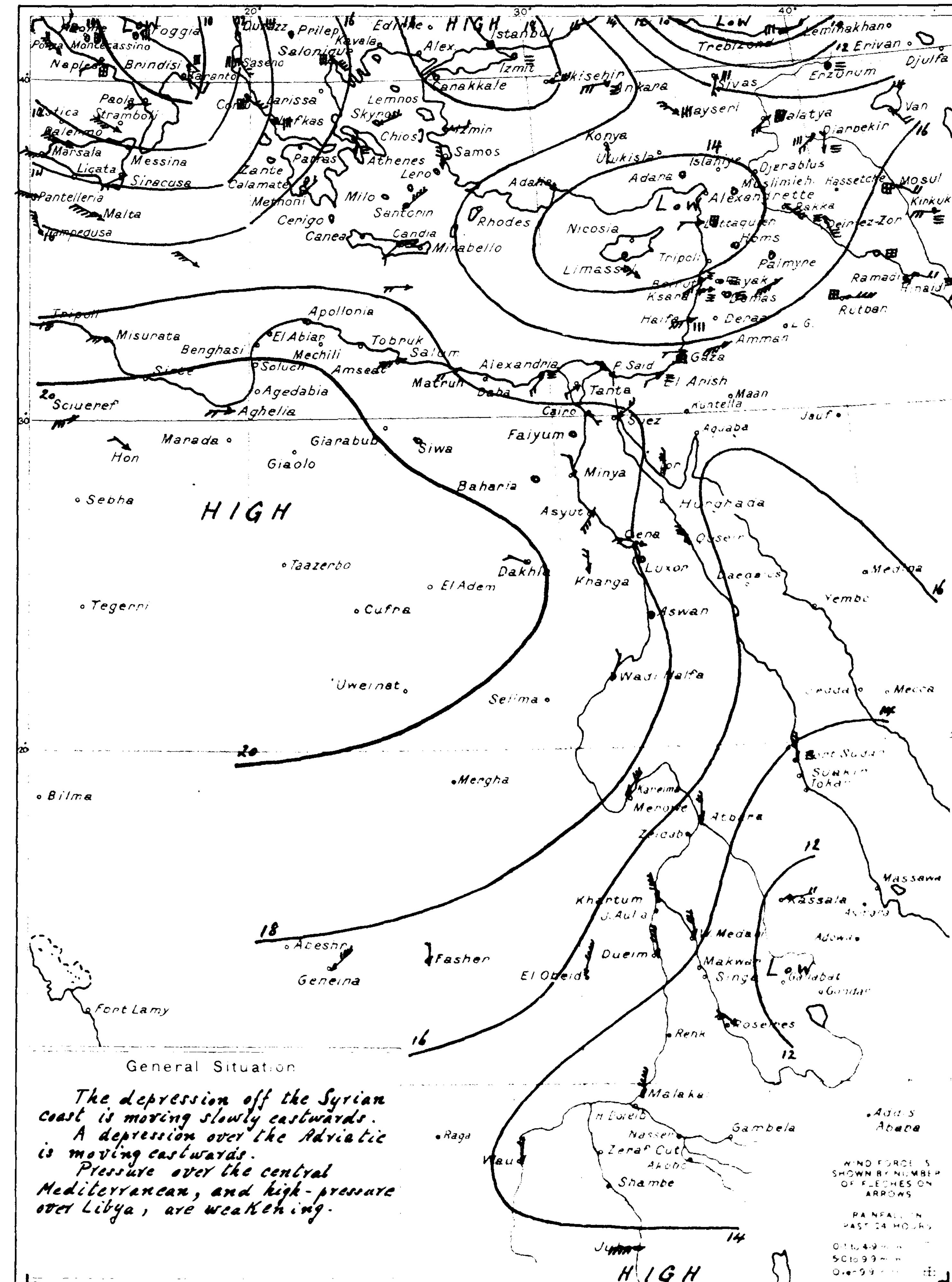
Station	Mean of day: Humidity 24th	Diff.	Wet bulb temp. 24th	Diff.
	55	−10	16.3	+1.5
	77	+8	16.9	+1.7
	85	+10	15.6	+0.8
	69	+11	15.6	+2.6
	25th	8.4		

Discharges at Aswan

Date		1936
25 − 11	1217	1390
24 − 11	1214	1390

Gauge	Date 1937	Reading m	Diff. from Normal m	Previous day Reading m	Diff. from Normal m
Juba	24−11	13.86	+0.26	13.86	+0.26
Nasser	24−11	10.33	+0.11	10.36	+0.10
Malakal	25−11	12.38	+0.09	12.38	+0.09
Roseires	24−11	13.86	+0.20	13.92	+0.22
Sennar Res.	24−11	20.14	—	20.04	—
Khartum	25−11	11.86	−0.08	11.86	−0.12
	24−11	11.14	−0.19	11.16	−0.21
	25−11	135.03	−0.49	135.09	−0.49
Wadi Halfa					
Aswan Res.	25−11	119.28	—	119.12	—
	25−11	86.48	−0.10	86.47	−0.11
	25−11	18.56	−1.42	18.60	−1.45
* Roda (Cairo)	25−11	15.91	−0.72	15.91	−0.76

٣٧-١١-٢٥ Pressure and Wind at 8h. 25-11-37



General Situation

The depression off the Syrian coast is moving slowly eastwards.
A depression over the Adriatic is moving eastwards.
Pressure over the central Mediterranean, and high-pressure over Libya, are 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 24th 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	Total	Normal	محطة
Limassol	1013	−4	NW	1	14	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.6	−0.5	WNW	2	17.9	24	0	15	+1	78	+16	8	—	—	—	8	211	85	حيفا
Gaza	1015.9	−0.3	SW	1	16.6	25	+1	14	+1	91	+19	4	4	—	2	0	118	34	غزة
Hurghada	1015.6	−1.1	NW	3	21.8	26	0	17	+3	69	+16	0	9	—	1	0	tr.	dr.	الغردقة

Remarks

* El Roda River Gauge Reading for 15-10-37 published on 15th 16-10-37 should read 18.33 instead of 18.38 m.

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

CAIRO
Time of sunrise 06 h 30 m
sunset 16 h 35 m

Month *November* 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٢٦-١١-١٩٣٧

No.	District	Station	14h 25th: Bar. pressure reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present weather	Visibility	8h Friday 26th: 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	1016.2	WNW	5	24.0	41	2	7	1013.3	-5.1	WSW	7	16.0	25	—	13	—	83	—	4	5	Ci	2	0	8	—
131		MATRÛH	1015.8	NNW	3	21.8	79	2	6	1012.8	-5.2	SSW	3	16.6	22	0	16	+3	75	0	4	6	Sc	2	0	42	36
150		DIKHEILA	1017.4	W	2	22.0	64	4	7	1016.7	—	S	2	16.3	22	—	14	—	80	—	4	6	St	1	0	26	—
132		ALEXANDRIA	1016.0	SW	3	23.0	58	4	8	1016.0	-2.3	SSE	2	15.3	23	0	14	-1	78	+7	4	7	St	2	3	49	33
159		DAMIETTA								1016.8	—	S	3	17.2	24	—	14	—	76	—	3	7	Cc	1	0	52	22
134		PORT SAÏD	1016.6	NW	2	23.0	74	2	7	1017.2	+0.4	SW	4	20.5	24	+1	16	+1	62	-12	0	8	—	1	0	36	12
135		EL 'ARÎSH	1016.6	NNW	1	22.0	73	2	7	1017.9	—	SSE	1	21.0	22	—	16	—	65	—	0	7	—	0	0	44	12
136	LOWER EGYPT	DAMANHÛR								1016.8	-1.5	S	1	16.5	23	-2	13	+1	74	-1	4	7	Sc	2	0	43	16
137		MANSÛRA								1016.7	—	SE	1	15.8	25	0	13	0	81	+1	1	7	Cs	1	dr	74	7
138		TANTA	1016.8	SW	4	23.6	55	3	6	1017.6	-0.9	SW	2	16.0	24	0	14	+2	70	-1	3	6	Cc	1	0	44	5
139		ZAGÂZÎG	1016.8	SW	2	23.8	53	2	8	1017.5	—	SW	1	18.9	24	-1	13	+2	67	-15	1	8	Cs	1	0	27	3
141	MIDDLE EGYPT	CAIRO ALMÂZA	1017.5	SW	3	22.8	51	4	7	1017.8	—	SSW	3	19.0	24	—	13	—	57	—	3	7	Cs	2	0	32	—
		CAIRO EZBEKÎYA	1016.7	SW	1	23.0	54	4	8	1017.8	-0.5	SSE	2	16.0	25	+1	15	+3	80	0	1	5	Cc	1	0	14	4
		CAIRO GÎZA	1016.7	SW	1	24.6	50	4	9	1017.9	-0.8	S	3	15.8	26	+2	14	+3	76	-16	3	6	As	1	0	54	4
143		HELWÂN	1017.0	SSW	1	22.0	57	4	6	1018.2	0.0	ESE	3	17.9	23	0	15	+3	63	-7	2	6	Cc	1	0	24	4
144		SUEZ	1017.0	SE	1	22.3	57	2	8	1018.4	-1.1	ESE	1	19.2	24	-1	14	0	74	-2	0	7	—	1	0	25	7
153	UPPER EGYPT	FAIYÛM	1017.5	W	1	24.2	47	3	8	1018.3	0.0	S	1	17.8	27	+2	12	+1	62	-13	2	6	Sc	1	0	dr	1
154		MINYA	1017.4	NW	2	24.0	48	2	6	1019.0	+0.5	NNE	1	18.4	24	0	14	+3	62	-17	0	6	—	0	0	dr	—
155		ASYÛT	1017.1	NW	3	23.5	42	0	8	1019.8	+1.4	ESE	3	15.4	25	+1	12	+1	75	+4	0	7	—	0	0	0	3
156		QENA	1014.6	WSW	1	27.1	41	0	8	1018.8	+1.6	WNW	2	16.0	28	0	11	-1	71	+16	0	7	—	1	0	0	—
157		LUXOR	1016.0	WNW	3	25.7	40	2	8	1018.6	—	WNW	1	17.3	27	—	10	—	67	—	2	8	Sc	1	0	dr	—
158		ASWÂN	1015.4	N	3	25.5	29	0	8	1019.4	+2.5	—	0	16.6	26	-3	13	-1	64	+11	0	8	—	0	0	dr	
148	WESTERN DESERT	SÎWA	1017.5	WSW	1	24.3	77	1	6	1016.6	-2.3	—	0	15.4	25	+1	10	+1	70	+2	3	6	Cu	1	0	dr	2
149		BAHARÎYA	1017.2	NW	1	24.7	42	0	9	1016.7	—	—	0	18.2	25	—	10	—	60	—	0	9	—	0	0	0	—
151		KHÂRGA	1017.1	N	3	25.0	55	0	9	1019.6	+2.0	—	0	15.3	25	-3	11	+1	73	+10	0	9	—	0	0	0	dr
152		DÂKHLA	1018.2	NNW	1	24.4	30	0	8	1020.4	+1.5	ESE	1	13.5	25	-2	9	-1	51	-2	0	8	—	0	0	0	—
145	RED SEA	TÔR	1015.4	NW	5	23.3	77	0	6	1017.9	+1.2	N	2	19.1	25	0	13	0	71	+8	0	6	—	0	0	40	4
146		HURGHÂDA								1018.4	+1.6	WNW	3	22.1	25	-1	12	-2	61	+8	0	9	—	0	0	tr.	dr
147		QUSEIR	1015.5	N	3	23.[illegible]	60	0	7	1018.0	+1.8	W	2	22.9	26	-1	17	-1	43	-5	0	7	—	1	0	4	4
164		PORT SUDAN								1015.1	+0.8	N	2	25.2	32	+2	23	0	85	+17	4	—	—	8	2	38	52
165	NORTH SUDAN	WÂDI HALFA								1019.5	+2.2	NNE	3	15.2	26	-3	13	+1	52	+[illegible]	0	8	—	0	—	—	—
166		KAREIMA								1017.5	+2.4	NE	1	19.2	29	-5	15	-1	54	+1[illegible]	0	8	—	0	0	dr	1
167		'ATBARA								1014.7	+1.5	N	3	22.5	30	-4	17	-1	27	-[illegible]	0	—	—	0	0	1	1
168		KHARTÛM								1015.2	+2.8	NW	4	21.6	31	-4	16	-3	43	+[illegible]	0	8	—	0	0	2	5
170		KASSALA								1013.3	+2.3	NE	2	23.5	33	-3	17	-3	59	+[illegible]	3	8	Ac,Ci	1	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI								1014.8	+2.9	N	2	21.0	31	-5	13	-6	38	+3	1	—	—	1	0	16	13
173		DUEIM								1014.3	+2.5	NW	3	21.4	31	-5	16	-2	43	+[illegible]	0	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1013.3	+2.7	NNW	2	21.3	34	-3	15	-2	40	-1[illegible]	1	—	—	0	0	38	36
174		EL OBEID								1016.3	+2.6	N	4	17.3	28	-5	13	-1	43	+9	2	8	Ac,Ci	1	0	8	19
175		EL FÂSHER								—	—	N	1	15.0	29	-4	9	-3	63	+3	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1014.0	+3.1	N	5	21.3	33	-3	17	-1	41	-[illegible]	4	8	Ci	1	0	47	91
177		WÂU								1013.9	+3.3	N	3	20.0	34	-2	16	-3	50	-1[illegible]	0	—	—	0	0	164	143
178		JÛBA								1013.4	+3.0	SSE	3	22.0	33	-3	19	-1	66	-[illegible]	8	3	Fn	4	0	154	126
179 / 180		Geneina / Gallabat								—	—	ENE	2	14.2	31	—	10	—	55	—	0	8	—	0	0	1	

Upper Wind Observations on 26th ارصاد الرياح العليا يوم ٢٦

Height metres above M.S.L.	Wadi Halfa 05h 00m Dir. E. of N.	Kms per hour	Kareima 06h 00m Dir.	Kms per hour	Khartum 05h 00m Dir.	Kms per hour	Kassala 06h 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	Geneina 07h 00m Dir.	Kms per hour	Salum 25th 13h 15m Dir.	Kms per hour	Almaza 11h 30m Dir.	Kms per hour	Heliopolis (R.A.F.) 07h 00m Dir.	Kms per hour	Ramle (R.A.F.) 07h 00m Dir.	Kms per hour	Amman (R.A.F.) 07h 00m Dir.	Kms per hour
200	30	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	250	28	190	32	190	34	120	21	—	—
500	30	34	30	42	0	40	—	—	—	—	20	42	—	—	—	—	—	—	210	29	210	27	190	16	—	—
1000	30	24	50	34	10	34	70	10	20	42	30	34	140	27	40	45	340	14	230	36	230	18	190	19	200	13
1500	30	16	60	16	80	11	90	14	50	13	50	21	120	37	60	63	290	25	210	12	250	8	230	13	210	19
2000	330	6	50	26	170	23	160	19	110	11	60	16	120	58	50	32	280	47	250	36	290	21	—	0	210	27
3000	270	11	220	14					230	42	160	18			330	21	Ent. cl.		280	33			240	26	ceil	
4000											170	11														
5000											160	14														
6000																										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

Station	Mean of day: Humidity % on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	72	+7	17.2	+2.5
Ezbekiya	75	+6	16.0	+0.9
Giza	80	+5	16.0	+1.4
Helwan	66	+8	15.1	+2.2
Giza grass minimum on 26th			10.8 °C	

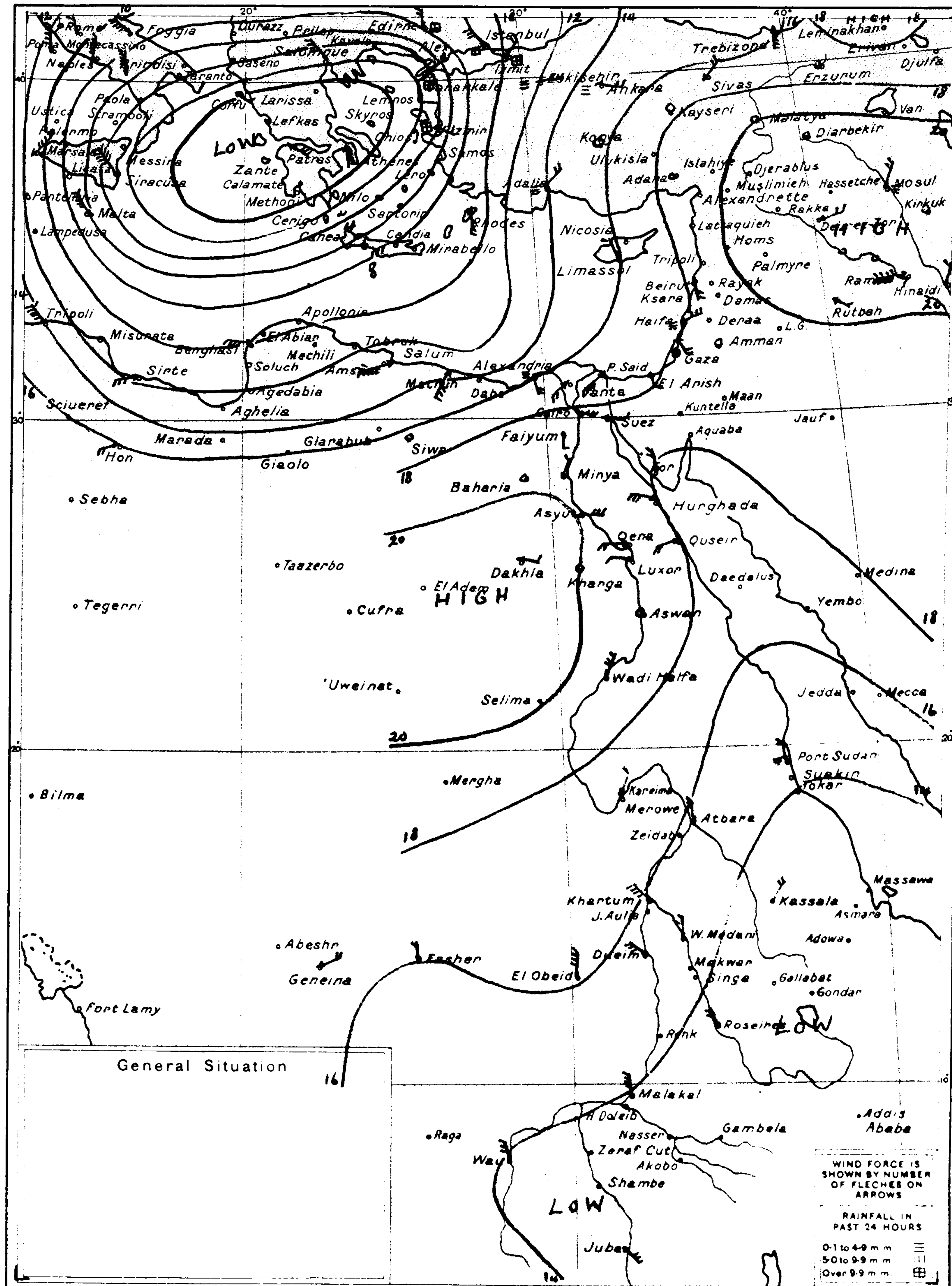
Discharges at Aswân measured by sluices m³ per sec.

Date	1937	1936
26-11	1331	1392
25-11	1217	1390

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	26-11	13.92	+0.33	13.95	+0.36
Nâsser	25-11	10.30	+0.12	10.33	+0.11
Malakâl	26-11	12.38	+0.09	12.38	+0.09
Roseires	26-11	13.76	+0.18	13.81	+0.18
Sennâr Res.	26-11	20.34	—	20.26	—
Khartûm	26-11	11.82	-0.08	11.86	-0.08
Kh. el Girba					
'Atbara	26-11	11.12	-0.16	11.12	-0.18
Kajnarti	26-11	134.97	-0.48	135.03	-0.47
Wâdi Halfa					
Aswân Res.	26-11	119.41	—	119.28	—
D.S.	26-11	86.64	+0.06	86.48	-0.12
El Leisi	26-11	18.53	-1.39	18.56	-1.42
Roda (Cairo)	26-11	15.84	-0.75	15.91	-0.72

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

Pressure and Wind at 8 h. 26-11-1937



Station	At 8h on 25th 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
Hurghada	1017.4	+0.6	NW	3	21.8	26	0	16	+2	68	+15	2	9	Cu	1	0	tr.	dr.	الغردقة
Limassol	1013	-4	—	0	17	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.[illegible]	-0.7	WSW	2	21.9	24	0	16	+3	52	-10	3	—	—	—	6	217	88	حيفا
Gaza	1016.4	+0.1	W	1	16.1	23	-1	14	+1	97	+25	2	5	—	1	19	137	35	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 4-10-37 published on 5-10-37 should read 16.23 instead of 16.30 M.

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

CAIRO
Time of sunrise 06 h. 31 m.
sunset 16 h. 55 m.

Month *November*, 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

٢٧-١١-٣٧

At 14h. on 26th (الساعة ١٤ يوم ٢٦) — At 8h. on Saturday 27th (الساعة ٨ يوم السبت ٢٧)

		Station	26th Bar. Pressure Reduced to M.S.L. m.b.	26th Wind Dir.	26th Wind Force	26th Temperature °C	26th Humidity %	26th Present Weather	26th Visibility	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	1008.7	SSW	8	23.2	30	4	7	1011.1	-7.2	WSW	6	13.3	24	—	11	—	80	—	1	5	Ci	5	tr.	8	—
131		MATRÛH	1011.9	SSW	4	22.8	56	4	6	1010.2	-7.8	SSW	2	17.2	23	+1	16	+3	90	+15	4	6	Sc	2	0	42	36
150		DIKHEILA	1014.4	SSW	5	25.2	32	4	6	1012.3	—	SSW	3	19.7	25	—	15	—	41	—	4	6	Ac	2	0	26	—
132		ALEXANDRIA	1013.5	SSW	5	24.8	35	4	8	1011.8	-6.5	SSE	4	18.6	25	+2	14	-1	50	-21	4	8	As	2	0	49	34
159		DAMIETTA								1013.6	—	SSE	3	19.0	24	—	17	—	71	—	4	7	St	2	0	52	23
134		PORT SAÏD	1015.4	SW	4	23.7	51	2	7	1014.4	-2.5	SSW	4	20.2	25	+2	19	+4	53	-21	3	6	Cb	2	0	36	13
135		EL 'ARÎSH	1015.9	NNE	1	25.0	53	4	6	1014.7	—	—	0	23.3	25	—	16	—	57	—	4	6	Cs	1	0	44	13
136	LOWER EGYPT	DAMANHÛR								1013.0	-5.3	S	3	18.1	25	+1	17	+5	61	-25	4	7	Sc	2	0	43	17
137		MANSÛRA								1012.8	—	S	1	17.2	24	-1	15	+2	71	-9	2	4	As	2	0	74	7
138		TANTA	1015.2	SW	4	25.0	54	4	6	1013.8	-4.7	S	1	17.0	25	+1	17	+5	61	-21	4	5	As	2	0	44	5
139		ZAGÂZÎG	1014.8	SW	1	24.3	52	2	8	1014.0	—	SE	2	18.4	24	0	15	+4	66	-16	2	8	Cs	1	0	27	3
141	MIDDLE EGYPT	CAIRO ALMÂZA								1014.2	—	S	5	23.3	25	—	16	—	42	—	4	6	As	2	0	32	—
		CAIRO EZBEKÎYA	1014.6	SW	2	24.0	54	4	8	1013.9	-4.5	SSE	3	18.0	26	+3	16	+4	68	-12	4	6	Ns	1	0	14	4
		CAIRO GÎZA	1014.3	SSE	4	24.7	53	4	7	1013.9	-4.9	S	3	17.8	26	+2	15	+5	61	-25	4	7	St	2	0	54	4
143		HELWÂN	1014.7	SSE	3	23.0	50	4	7	1013.9	-4.4	SE	1	19.2	24	+1	18	+6	54	-16	4	7	Ac	2	0	24	4
144		SUEZ	1015.4	SE	2	23.8	49	2	8	1015.0	-2.3	SSE	2	21.3	24	0	14	0	54	-22	3	7	As	1	0	25	7
153	UPPER EGYPT	FAIYÛM	1014.7	S	2	25.2	42	3	7	1014.6	-3.8	SSE	1	17.6	26	+1	14	+3	58	-17	4	6	Ac	1	0	dr.	1
154		MINYA	1015.9	WSW	2	25.6	44	2	6	1015.5	-3.1	ENE	2	16.2	26	+2	15	+4	63	-16	3	5	Cu	1	0	dr.	—
155		ASYÛT	1016.8	S	3	26.0	54	0	8	1016.2	-2.3	NW	3	15.2	28	+4	12	+1	73	+2	2	7	Sc	1	0	0	3
156		QENA	1015.9	SSW	1	27.4	37	0	8	1016.8	-0.5	NNW	1	14.6	28	0	7	-5	63	+2	3	7	Cu	2	0	0	—
157		LUXOR	1015.6	N	1	26.5	47	0	8	1016.0	—	ESE	1	17.7	28	—	9	—	65	—	3	7	As	2	0	dr.	—
158		ASWÂN	1014.7	NNW	1	26.3	32	0	8	1015.5	-1.5	—	0	17.3	27	-2	14	0	50	0	0	8	—	0	0	dr.	—
148	WESTERN DESERT	SÎWA	1012.0	WSW	1	27.1	59	4	5	1010.8	-8.1	—	0	18.0	27	+3	4	-5	82	+14	2	6	Ac	2	0	dr.	2
149		BAHARÎYA	1015.2	SW	3	27.2	28	3	9	1014.3		—	0	19.2	27	—	14	—	47	—	4	9	—	2	0	0	—
151		KHÂRGA	1017.0	NE	1	24.7	52	0	9	1016.3	-1.3	—	0	16.3	25	-2	11	+1	70	+7	0	9	—	0	0	0	dr.
152		DÂKHLA	1016.4	SSW	1	27.6	29	0	8	1016.8	-2.2	E	1	16.5	28	+1	9	-1	51	-2	1	8	Ci	1	0	0	—
145	RED SEA	TÔR	1015.5	NW	2	25.1	71	0	6	1015.9	-0.9	NE	2	18.2	26	+1	13	0	76	+13	0	6	—	0	0	40	4
146		HURGHÂDA																									dr.
147		QUSEIR	1015.8	NE	2	24.5	48	0	7	1015.8	-0.5	W	1	22.8	26	-1	17	-1	66	+18	0	7	—	0	0	4	4
169		PORT SUDAN								1014.0	-0.4	N	3	26.5	30	0	24	+1	83	+15	4	—	—	2	0	38	54
165	NORTH SUDAN	WÂDI HALFA								1016.4	-1.0	—	0	16.5	27	-2	13	+1	47	-2	0	8	—	0	—	—	—
166		KAREIMA								1014.8	-0.4	N	1	21.3	31	-2	16	0	41	+6	0	8	—	0	0	dr.	1
167		'ATBARA								1013.4	+0.2	N	2	23.8	32	-1	19	+1	47	+11	0	—	—	0	0	1	1
168		KHARTÛM								1013.9	+1.4	NNW	3	22.2	33	-2	18	-1	36	+2	4	8	Cs	1	0	2	5
170		KASSALA								1011.1	0.0	ENE	1	27.4	35	-1	19	-1	68	+15	1	8	Ac	0	0	dr.	11
171	CENTRAL SUDAN	WAD MEDANI								1012.7	+0.7	NNE	2	23.7	32	-4	15	-3	28	-7	3	—	—	0	0	16	13
173		DUEIM								1013.0	+1.1	W	3	24.2	32	-4	18	0	41	+7	1	—	—	0	0	14	12
182		RENK																									
172		ROSEIRES								1012.2	+1.5	NNW	2	20.4	35	-2	16	-1	54	+5	2	—	—	1	0	38	36
174		EL OBEID								1013.9	+0.1	NW	2	19.0	30	-3	15	+1	30	-5	4	8	Cs	1	0	8	19
175		EL FÂSHER								—	—	NE	1	16.0	30	-3	9	-2	59	+26	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1011.9	+1.0	N	4	25.1	34	-2	16	-2	34	-7	2	8	Ci,Ac	1	0	47	91
177		WÂU								1012.7	+2.1	N	2	22.0	34	-2	16	-3	43	-25	0	—	—	0	0	164	143
178		JÛBA								1013.9	+3.5	SW	3	22.8	34	-2	18	-2	66	-6	8	3	Ci,As	4	0	154	127
179		Geneina								—	—	E	2	12.0	30	—	7	—	54	—	1	8	Ci	0	0	14	—
180		Gallabat																									

Upper Wind Observations on 27th (ارصاد الرياح العليا يوم ٢٧)

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

Height metres above M.S.L.	Salum 08h 00m Dir.	Kms	Matruh 07h 00m 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 05h 00m Dir.	Kms	Kassala 06h 00m Dir.	Kms
200	250	40	260	26	150	24	—	—	—	—	10	10	—	—	—	—	—	—
500	260	42	250	29	180	51	160	14	140	36	60	21	30	24	330	43	—	—
1000	260	33	240	44	190	33	150	14	130	23	100	23	40	31	350	19	90	13
1500	260	60			190	48	170	24	190	16	130	11	290	10	120	16	100	8
2000	tail				210	60	170	19	210	26	190	31	40	10	180	29	90	11
3000					230	36					220	31	30	10			260	10
4000											230	42	40	5			190	18
5000																	210	34
6000																		

Height metres above M.S.L.	El Obeid 06h 00m 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	—	—	—	—	—	—	—	—	160	26	210	64
500	—	—	20	32	—	—	—	—	190	26	210	56
1000	10	29	40	24	80	11	40	34	190	27	220	47
1500	160	8	50	18			70	26	180	24	220	27
2000	230	18	60	18			300	21	200	39		
3000			130	19			250	21	190	34		
4000							260	27	210	53		
5000							220	21	tail			
6000												

Forecast for 24 hours from noon on 27th

On the coast fresh to strong southerly winds, veering tomorrow to west or northwest, at times of gale force.

Inland moderate to fresh south to southwest winds.

Much low cloud.

Rain near the coast tomorrow.

Becoming unsettled and cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٧

رياح شديدة جنوبية على الساحل تتحول غدا الى غربية أو شمالية غربية وتصل لدرجة العاصفة أحيانا - ورياح معتدلة والشديدة نوعا جنوبية الى جنوبية غربية في الداخل - كثير السحاب المنخفض ومطر بالقرب من الساحل غدا ويأخذ الجو في عدم الثبات ويميل الى البرودة

Mean of day

Station	Humidity % on 26th	Diff. from normal	Wet Bulb Temp °C on 26th	Diff. from normal
Alexandria	60	-5	14.6	0.0
Ezbekiya	63	-7	16.2	+1.2
Giza	66	-9	16.1	+1.6
Helwan	55	-3	15.6	+2.8

Giza Grass minimum on 27th 16.8 °C

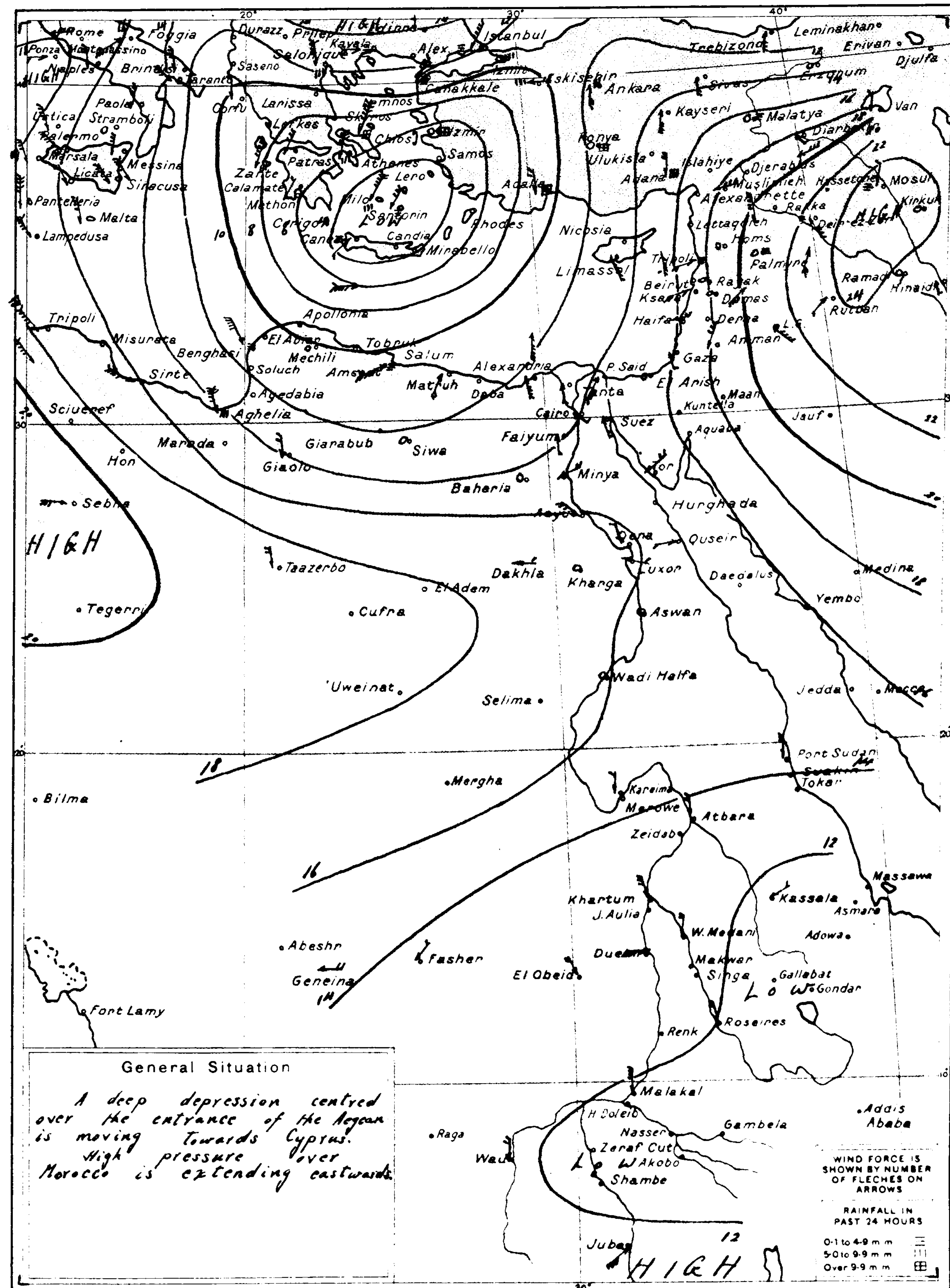
Discharges at Aswan measured by sluices m.³ per sec

Date	1937	1936
27-11	1445	1390
26-11	1331	1392

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	26-11	13.92	+0.33	13.95	+0.36
Nâsser	25-11	10.30	+0.12	10.33	+0.11
Malakâl	26-11	12.38	+0.09	12.38	+0.09
Roseires	27-11	13.72	+0.17	13.76	+0.18
Sennâr Res.	26-11	20.34	—	20.26	—
Khartûm	26-11	11.82	-0.08	11.86	-0.08
Kh. el Girba					
'Atbara	26-11	11.12	-0.16	11.12	-0.18
Kajnarti	27-11	134.94	-0.46	134.97	-0.48
Wâdi Halfa					
Aswan Res.	27-11	119.49	—	119.41	—
D. S.	27-11	81.79	+0.21	81.64	+0.06
El Leisi	27-11	18.49	-1.35	18.53	-1.39
Rôda (Cairo)	27-11	15.82	-0.73	15.84	-0.75

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

Pressure and Wind at 8 h. 27-11-37



General Situation

A deep depression centred over the entrance of the Aegean is moving towards Cyprus.
High pressure over Morocco is extending 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 26th (الساعة ٨ يوم ٢٦)

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
Limassol	1016	-1	NW	1	16	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1018.2	+2.1	ENE	3	19.0	24	0	15	+2	77	+15	5	—	—	—	4	221	91	حيفا
Gaza	1018.2	+1.9	—	0	16.8	24	+1	14	+2	80	+8	0	9	—	0	0	137	36	غزة

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

CAIRO
Time of sunrise 06 32 (h. m.)
sunset 16 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *November*, 1937 — ١٩٣٧ شهر نوفمبر — ٢٧-١١-٢٨

No.	Region	STATION	At 14h. on 27th (الساعة ١٤ يوم ٢٧) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 28th (الساعة ٨ يوم الأحد ٢٨) 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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
130	MEDITERRANEAN	SALÛM	1009.5	WSW	7	20.0	42	2	7	1014.0	-4.3	WNW	3	11.2	22	—	9	—	89	—	1	5	Cu	1	dr.	8	—
131		MATRÛH	1008.8	WSW	4	22.2	63	0	6	1011.9	-6.1	WSW	3	13.9	22	0	13	0	91	+16	2	6	Sc	1	0	42	37
150		DIKHEILA	1009.9	SW	2	24.1	33	4	6	1013.1	—	WSW	2	15.0	25	—	14	—	76	—	1	8	Cc	6	4	30	—
132		ALEXANDRIA	1009.3	SSW	3	23.6	44	4	8	1012.7	-5.6	SSW	5	15.5	25	+2	14	0	72	+1	1	9	Cu	2	2	51	35
159		DAMIETTA								1012.6	—	SW	2	16.2	25	—	14	—	79	—	2	7	Cu	9	tr.	52	24
134		PORT SAÏD	1011.8	SW	2	23.3	57	3	5	1013.9	-3.0	SW	5	19.2	24	+2	17	+2	64	-10	0	8	—	1	0	36	13
135		EL 'ARÎSH	1012.0	—	0	28.0	34	2	7	1012.7	—	—	0	21.0	28	—	17	—	71	—	0	7	—	0	0	44	13
136	LOWER EGYPT	DAMANHÛR								1013.5	-4.8	SSW	3	15.8	25	+1	14	+2	73	-13	1	8	Cu	6	1	44	17
137		MANSÛRA								1013.1	—	SW	2	16.3	23	-2	14	+2	78	-2	1	7	Cs	1	dr.	74	8
138		TANTA	1010.7	SW	4	23.0	52	4	5	1013.6	-4.9	SW	4	15.0	24	0	13	+2	78	-4	0	6	—	0	2	46	5
139		ZAGÂZÎG	1011.6	SE	2	23.3	59	2	8	1014.8	—	SSW	4	18.4	23	-1	12	+1	68	-14	0	8	—	0	0	27	4
141	MIDDLE EGYPT	CAIRO ALMÂZA	1010.8	SSW	4	25.2	36	4	7	1014.7	—	S	3	17.7	25	—	12	—	53	—	0	7	—	1	0	32	—
		CAIRO EZBEKÎYA	1011.1	SW	1	24.0	50	4	8	1014.7	-3.7	SSE	3	16.2	24	+1	15	+3	70	-10	0	6	—	5	dr.	14	4
		CAIRO GÎZA	1011.0	SSW	1	23.7	49	4	8	1014.7	-4.2	SSE	4	15.7	24	+1	13	+3	68	-18	0	6	—	5	dr.	54	4
143		HELWÂN	1011.1	S	3	23.7	42	4	7	1014.7	-3.6	SE	2	15.4	24	+2	14	+2	56	-14	0	7	—	0	0	24	4
144		SUEZ	1012.2	SE	3	23.2	55	4	7	1013.4	-4.0	—	0	20.3	23	-1	13	-1	77	+1	2	7	Cu	1	0	25	8
153	UPPER EGYPT	FAIYÛM	1011.8	S	1	26.0	42	3	7	1015.6	-2.8	SW	1	18.0	27	+2	14	+3	56	-19	0	8	—	0	0	dr.	1
154		MINYA	1011.6	SW	2	25.4	38	3	6	1016.7	-1.9	NNE	1	16.0	26	+3	13	+2	56	-23	0	7	—	0	0	dr.	—
155		ASYÛT	1012.4	SSE	3	24.0	46	4	6	1017.1	-1.5	WNW	3	15.8	26	+2	12	+2	56	-16	0	7	—	0	0	0	3
156		QENA	1012.3	ESE	2	25.8	54	3	7	1016.6	-0.8	WNW	1	16.7	27	-1	12	+1	65	+4	0	8	—	0	0	0	—
157		LUXOR	1011.9	W	1	27.8	55	3	7	1015.4	—	WSW	2	19.2	28	—	12	—	64	—	0	8	—	0	0	dr.	—
158		ASWÂN	1010.3	—	0	30.6	44	1	8	1016.6	-0.5	—	0	21.3	33	+4	17	+3	47	-3	1	8	Cu	2	0	dr.	—
148	WESTERN DESERT	SÎWA	1010.7	WSW	1	23.1	68	2	6	1015.2	-3.8	—	0	14.3	24	+1	12	+4	88	+20	0	6	—	0	0	dr.	2
149		BAHARÎYA	1010.3	SSW	3	28.2	21	2	9	1016.3		WSW	3	15.1	28	—	11	—	58	—	0	9	—	0	0	0	—
151		KHÂRGA	1012.8	SE	1	25.2	51	0	9	1017.0	-0.7	N	1	14.2	26	-1	9	-1	68	+5	0	9	—	0	0	0	dr.
152		DÂKHLA	1011.9	WSW	1	27.0	20	4	6	1018.0	-1.1	NNW	1	14.0	27	+1	11	+1	58	+5	0	8	—	0	0	0	—
145	RED SEA	TÔR	1013.1	S	4	26.0	73	0	6	1014.4	-2.5	SE	1	24.0	26	+1	19	+7	79	+17	0	6	—	0	0	40	5
146		HURGHÂDA								1014.6	-2.3	WNW	1	23.2	25	-1	16	+2	73	+19	1	9	Cu	1	0	tr.	dr.
147		QUSEIR	1013.8	ENE	2	24.7	69	2	7																		4
169		PORT SUDAN								1014.4	0.0	NW	1	29.5	30	0	24	+1	76	+8	2	—	—	0	dr.	38	56
165	NORTH SUDAN	WÂDI HALFA								1017.9	+0.4	—	0	16.0	29	+1	12	0	52	+3	0	7	—	0	—	—	—
166		KAREIMA								1016.0	+0.7	N	2	21.3	33	0	16	0	41	+5	2	8	AC	0	0	dr.	1
167		'ATBARA								1013.3	0.0	N	3	25.8	35	+2	20	+2	35	-2	0	—	—	0	0	1	1
168		KHARTÛM								1013.5	+0.9	NNW	3	23.0	33	-2	19	+1	38	+4	3	8	Cs	1	0	2	5
170		KASSALA								1010.0	-1.2	ENE	3	28.8	37	+1	22	+2	46	-7	0	8	—	0	0	dr.	11
171	CENTRAL SUDAN	WAD MEDANI								1013.1	+1.1	N	2	25.3	34	-2	18	0	27	-9	1	—	—	0	0	16	13
173		DUEIM								1013.4	+1.4	NW	3	24.4	34	-2	19	+2	40	+6	0	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1011.2	+0.4	WNW	2	25.2	37	0	18	+1	41	-8	0	—	—	0	0	38	36
174		EL OBEID								1013.9	0.0	N	4	20.3	31	-2	16	+2	32	-3	0	8	—	0	0	8	19
175		EL FÂSHER								—	—	N	1	16.5	33	0	12	+1	60	+27	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1011.8	+0.9	NE	3	26.2	36	0	18	0	42	+2	1	8	—	1	0	47	92
177		WÂU								1011.5	+0.9	NE	2	23.8	36	0	18	-1	64	-4	1	—	—	0	0	164	144
178		JÛBA								1013.1	+2.7	NE	3	24.0	34	-2	19	-1	67	-5	0	7	—	5	dr.	154	128
179		Geneina								—	—	E	2	12.3	32	—	8	—	43	—	1	8	Ci	0	0	14	—
180		Gallabat																									

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

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

Height metres above M.S.L.	Salum 07h.00m. Dir.	Kms	Matruh 07h.00m Dir.	Kms	Cairo 08h.30m. Dir.	Kms	Helwan 09h 15m. Dir.	Kms	Asyut 07h.00m Dir.	Kms	Aswan 07h.00m. Dir.	Kms	W. Halfa 06h.00m. Dir.	Kms	Kareima 06h.00m Dir.	Kms	Khartum 05h.00m. Dir.	Kms	Kassala 06h.00m. Dir.	Kms	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m Dir.	Kms	Juba 07h.00m Dir.	Kms	Salum 27th 13h.30m. Dir.	Kms	Almaza 27th 11h.45m. Dir.	Kms
200	300	18	270	60	230	19	190	14	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	250	49	200	37
500	—	—	280	54	260	34	240	27	320	36	340	13	350	18	0	39	350	48	—	—	—	—	50	27	—	—	250	36	200	62
1000	320	37	290	45	250	36	240	40	280	36	250	7	340	14	350	19	0	29	10	32	30	34	30	27	190	27	250	36	210	51
1500	320	53	270	51			240	48			230	20	270	19	230	11	320	5	20	29	40	14	50	27	170	42	250	96	210	39
2000	310	25									230	32	230	24	180	10	190	5	30	18	200	8	50	18	190	37	tail		230	30
3000													220	40	250	47					130	16	100	31	160	26			230	33
4000													250	43							130	29	120	40						
5000													240	60																
6000																														

Forecast for 24 hours from noon on 28th

On the coast fresh westerly winds, strong at times.

Inland moderate to fresh south to west winds.

Some low cloud.

Showers near the coast.

Cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٨

نسيم غربي يشتد أحيانا على الساحل

ورياح معتدله الى شديده نوعا جنوبيه الى غربيه في الداخل

يظهر بعض السحاب المنخفض

وتمطر بالقرب من الساحل

ويميل الطقس للبروده

STATION	Mean of day: Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	51	-14	15.4	+0.8
Ezbekiya	54	-16	16.2	+1.2
Giza	54	-21	15.7	+1.2
Helwan	45	-13	15.2	+2.4

Giza Grass minimum on 28th 9.7 °C

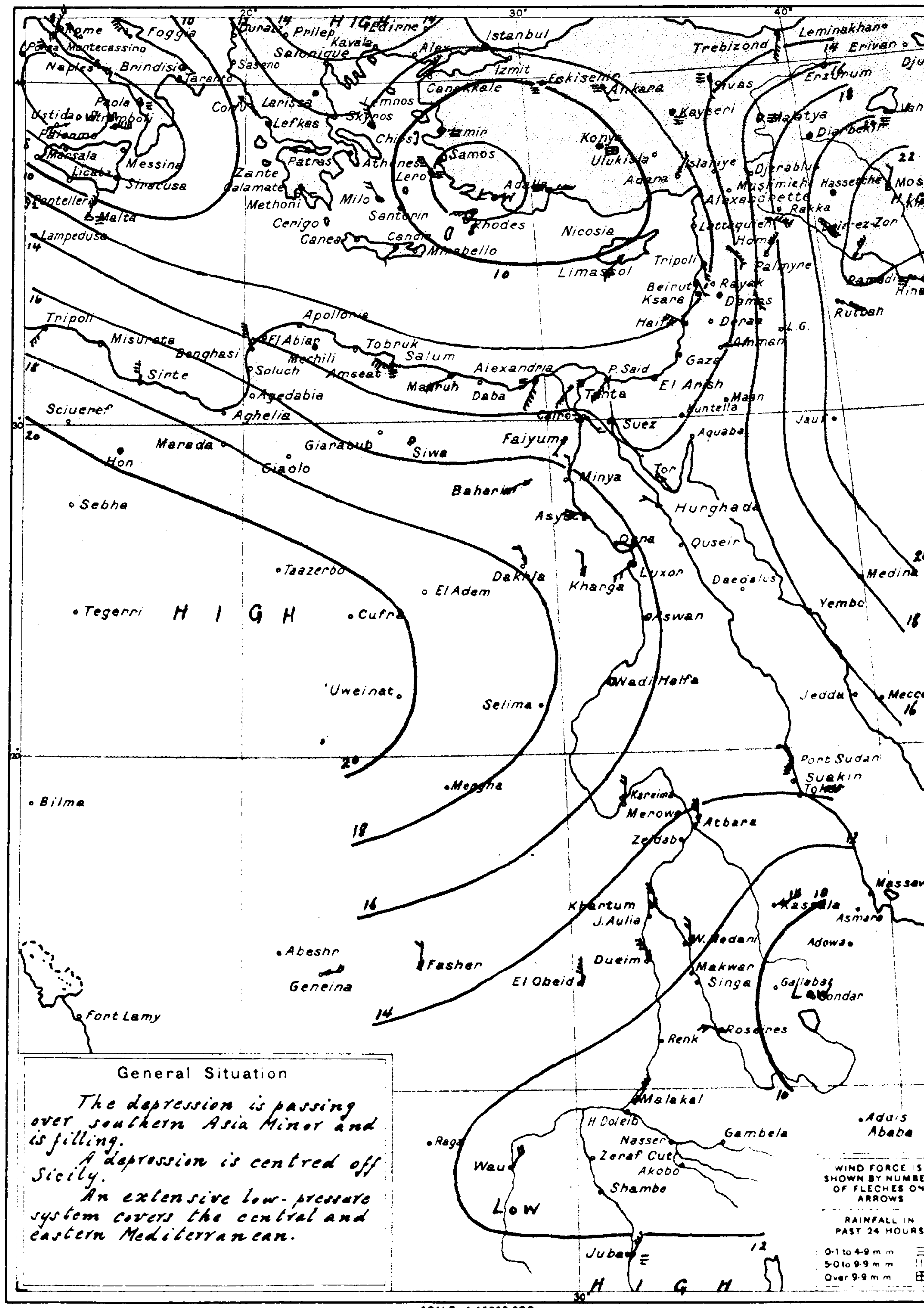
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
28 - 11	1561	1387
27 - 11	1445	1390

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	28-11	13.86	+0.28	13.83	+0.25
Nâsser	27-11	10.22	+0.12	10.26	+0.12
Malakâl	28-11	12.37	+0.09	12.37	+0.08
Roseires	28-11	13.70	+0.20	13.72	+0.17
Sennâr Res.	27-11	20.41	—	20.34	—
Khartûm	27-11	11.76	-0.12	11.82	-0.08
Kh. el Girba					
'Atbara	28-11	11.14	-0.10	11.12	-0.14
Kajnarti	27-11	134.94	-0.46	134.97	-0.48
Wâdi Halfa					
Aswân Res.	28-11	119.57	—	119.49	—
D. S.	28-11	86.93	+0.35	86.79	+0.21
El Leisi	28-11	18.47	-1.31	18.49	-1.35
Rôda (Cairo)	28-11	15.79	-0.71	15.82	-0.73

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

Pressure and Wind at 8h. 28-11-37



General Situation

The depression is passing over southern Asia Minor and is filling.

A depression is centred off Sicily.

An extensive low-pressure system covers the central and 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

STATION	At 8h. on 27th (الساعة ٨ يوم ٢٧) 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	1013	--	SE	5	12	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1016.6	+0.4	ENE	2	18.6	25	+1	14	+1	68	+6	6	—	—	—	0	221	94	حيفا
Gaza	1015.5	-0.8	SSE	1	17.2	26	+3	14	+2	73	+1	2	6	—	1	0	137	37	غزه
Hurghada	1015.9	-0.9	—	0	22.5	26	0	11	-3	51	-2	4	8	Ci	1	0	tr.	dr.	الغردقه

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

CAIRO
Time of sunrise 6 33
sunset 16 55

Month *November*, 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٣٧-١١-٢٩

1417 F.C.

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	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	Total fr. Oct. 1 to yesterday m	Normal fr. Oct. 1 to yesterday m
130	MEDITERRANEAN	SALÛM	1014.4	NNE	2	19.0	62	2	7	1017.0	-1.3	WSW	8	12.0	22	—	10	—	80	—	3	5	Cc	2	0	8	—
131		MATRÛH	1013.0	WNW	4	19.6	80	2	6	1017.0	-1.1	SSW	4	14.4	20	-2	12	0	76	+1	4	6	Cu	2	0	42	38
150		DIKHEILA	1013.6	W	4	20.3	55	3	8	1018.8	—	SW	2	14.5	21	—	12	—	64	—	0	8	—	1	0	30	—
132		ALEXANDRIA	1013.4	WSW	6	20.4	60	1	9	1017.6	-0.8	SSW	4	16.3	21	-2	13	-1	66	-6	0	9	—	2	0	51	36
159		DAMIETTA								1018.6	—	SSW	2	14.0	22	—	10	—	76	—	0	8	—	0	0	52	24
134		PORT SAÏD	1013.8	NW	2	23.3	45	0	8	1020.7	+3.7	SW	2	14.5	23	+1	13	-2	69	-5	0	8	—	0	0	36	13
135		EL 'ARÎSH	1013.5	WSW	2	23.0	59	0	5	1019.8	—	SSE	1	18.5	25	—	14	—	76	—	0	7	—	0	0	44	14
136	LOWER EGYPT	DAMANHÛR								1019.2	+0.9	SSW	2	15.0	22	-2	12	0	67	-19	0	7	—	0	0	44	18
137		MANSÛRA								1019.0	—	SE	2	13.0	22	-2	10	-2	80	0	0	8	—	0	0	74	8
138		TANTA	1014.0	WSW	6	21.5	51	0	6	1019.9	+1.4	—	0	14.5	22	-2	10	-1	84	+2	0	6	—	0	0	46	6
139		ZAGÂZÎG	1014.3	SW	3	22.2	50	0	8	1020.2	—	SW	1	17.2	22	-2	10	-1	66	-16	0	8	—	0	0	27	4
141	MIDDLE EGYPT	CAIRO ALMÂZA								1020.0	—	SSE	2	16.0	23	—	10	—	57	—	0	7	—	0	0	32	—
		CAIRO EZBEKÎYA	1014.6	SSW	2	23.0	48	2	9	1019.9	+1.4	S	2	14.0	25	+2	11	-1	75	-5	1	6	Cs	1	0	14	4
		CAIRO GÎZA	1014.4	SSW	1	23.5	46	2	9	1019.9	+1.0	SSE	2	13.1	25	+2	10	0	76	-9	0	6	—	1	0	54	4
143		HELWÂN	1015.1	SW	4	22.1	43	2	7	1020.4	+2.1	E	2	14.9	23	+1	11	-1	54	-16	0	6	—	0	0	24	4
144		SUEZ	—	SW	3	24.8	27	0	8	1019.9	+2.4	—	0	15.9	25	+1	16	+2	78	+2	0	8	—	1	0	25	8
153	UPPER EGYPT	FAIYÛM	1015.5	W	3	24.0	35	1	8	1020.3	+1.8	SSE	1	15.1	25	0	9	-2	57	-18	0	5	—	0	0	dr.	1
154		MINYA	1015.6	WNW	3	24.8	33	0	8	1020.6	+1.9	NNW	1	14.0	25	+2	10	-1	64	-15	0	5	—	0	0	dr.	—
155		ASYÛT	1016.2	WSW	3	23.2	36	0	8	1020.4	+1.7	SW	3	14.5	25	+1	10	0	62	-10	0	8	—	0	0	0	3
156		QENA	1014.8	WSW	2	26.4	36	0	8	1019.2	+1.7	N	1	15.0	27	0	10	-1	62	0	0	8	—	0	0	0	—
157		LUXOR	1014.4	WSW	3	30.9	39	0	8	1018.4	—	ENE	1	17.3	32	—	9	—	65	—	0	8	—	0	0	dr.	—
158		ASWÂN	1013.8	N	1	29.0	16	0	8	1018.2	+1.0	N	2	19.0	30	+2	16	+2	46	-4	0	8	—	0	0	dr.	—
148	WESTERN DESERT	SÎWA	1015.2	W	1	21.4	73	0	6	—	—	—	0	12.2	22	-1	6	-2	—	—	3	6	Ac	2	0	dr.	2
149		BAHARÎYA	1016.0	WSW	3	23.0	36	0	9	1020.2	—	—	0	12.1	23	—	6	—	94	—	0	9	—	0	0	0	—
151		KHÂRGA	1017.0	N	2	25.3	54	0	9	1019.8	+2.0	—	0	17.0	26	-1	10	0	64	+1	0	9	—	0	0	0	dr.
152		DÂKHLA	1016.4	NNW	1	23.9	27	0	8	1020.3	+1.1	—	0	12.8	25	-1	9	-1	56	+2	0	7	—	0	0	0	—
145	RED SEA	TÔR	1013.6	NW	1	30.2	54	0	6	1018.7	+1.8	N	3	17.0	31	+7	12	0	72	+10	0	6	—	0	0	40	5 dr.
146		HURGHÂDA																									
147		QUSEIR	1013.4	NNE	3	26.9	65	1	7	1018.2	+1.8	NNW	3	23.8	31	+4	20	+2	43	-6	0	7	—	0	0	4	4
169		PORT SUDAN								1015.6	+1.1	~~NW~~ SE	1	~~28.4~~ 175	32	+2	24	+1	79	+11	2	—	—	0	0	38	58
165	NORTH SUDAN	WÂDI HALFA								1018.1	+0.4	NNE	2	15.3	28	0	12	0	55	+5	1	8	Ci	0	—	—	—
166		KAREIMA								1015.5	+0.1	NE	2	20.8	33	0	18	+2	34	-2	3	8	Ci	1	0	dr.	1
167		'ATBARA								1013.3	-0.1	N	3	25.6	35	+2	21	+3	38	+1	0	—	—	0	0	1	1
168		KHARTÛM								1013.0	+0.3	N	4	24.7	35	0	19	+1	28	-6	0	8	—	0	0	2	5
170		KASSALA								1009.8	-1.5	E	3	28.9	38	+2	21	+1	40	-14	0	8	—	0	0	dr.	11
171	CENTRAL SUDAN	WAD MEDANI								1011.5	-0.6	NNE	2	26.6	36	0	17	-1	29	-7	0	—	—	0	0	16	13
173		DUEIM								1012.3	+0.2	N	3	25.2	35	-1	20	+3	27	-7	0	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1009.3	-1.5	WNW	2	27.0	38	+1	19	+2	37	-12	0	—	—	0	0	38	37
174		EL OBEID								1012.4	-1.6	N	3	21.8	34	+1	17	+3	29	-6	0	8	—	0	0	8	19
175		EL FÂSHER								—	—	N	1	20.0	33	0	15	+4	55	+22	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1011.4	+0.5	N	4	26.0	37	+1	19	+1	36	-3	0	8	—	1	0	47	92
177		WÂU								1011.0	+0.3	N	1	23.5	38	+2	18	-1	65	-3	0	—	—	0	0	164	145
178		JÛBA								1012.9	+2.4	S	3	24.0	37	+1	19	-1	67	-4	0	7	—	0	0	154	129
179 180		Geneina Gallabat								—	—	NNE	3	16.2	34	—	11	—	32	—	4	8	Ac	1	0	14	—

Upper Wind Observations on *29th* ارصاد الرياح العليا يوم ٢٩

Height metres above M.S.L.	Salum 08h.00m. Dir. E.of N.	Kms per hour	Matruh 07h.00m. Dir.	Kms	Cairo 08h.30m. Dir.	Kms	Helwan 08h.30m. 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	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Juba 07h.00m. Dir.	Kms	Geneina 07h.00m. Dir.	Kms	Salum 28th 13h.00m. Dir.	Kms
200	250	37	220	32	190	16	150	10	—	—	—	—	10	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20	14
500	250	58	220	35	240	13	200	11	50	11	10	42	40	34	50	42	10	42	—	—	—	—	30	32	—	—	—	—	280	14
1000	230	53	250	44	220	25	220	27	290	11	70	7	40	24	40	18	20	39	90	27	30	42	30	56	170	21	30	34	270	22
1500	Tail		260	29	220	37	220	22	250	39	170	17	110	18	0	8	40	26	70	21	40	47	40	50	170	24	140	29	270	31
2000			Ext. Cu.		230	58	210	36			240	24	160	11	310	16	40	29	40	27	70	23	60	39	170	26	150	19	Ext Cl.	
3000							220	54			220	28	260	21	10	11	30	18	60	23			100	31	170	32	160	29		
4000											220	49															200	10		
5000																														
6000																														

Forecast for 24 hours from noon on *29th*
On the coast fresh southwest to west winds, strong at times.
Inland moderate southerly winds.
Some low cloud later.
Rain in the north probable tomorrow.
Little change in temperature.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٩
رياح شديدة نوعا جنوبية غربية الى غربية تشتد احيانا
على السواحل رياح معتدلة جنوبية فى الداخل
يظهر بعض السحاب المنخفض فيما بعد
يحتمل ان تمطر فى الشمال غدا
ودرجة الحرارة كما هى

STATION	Mean of day: Humidity % 28th	Diff from normal	Wet bulb temp. °C 28th	Diff from normal
Alexandria	65	0	14.4	0.0
Ezbekiya	60	-10	14.4	-0.3
Giza	68	-8	13.7	-0.5
Helwân	50	-8	12.8	+0.2

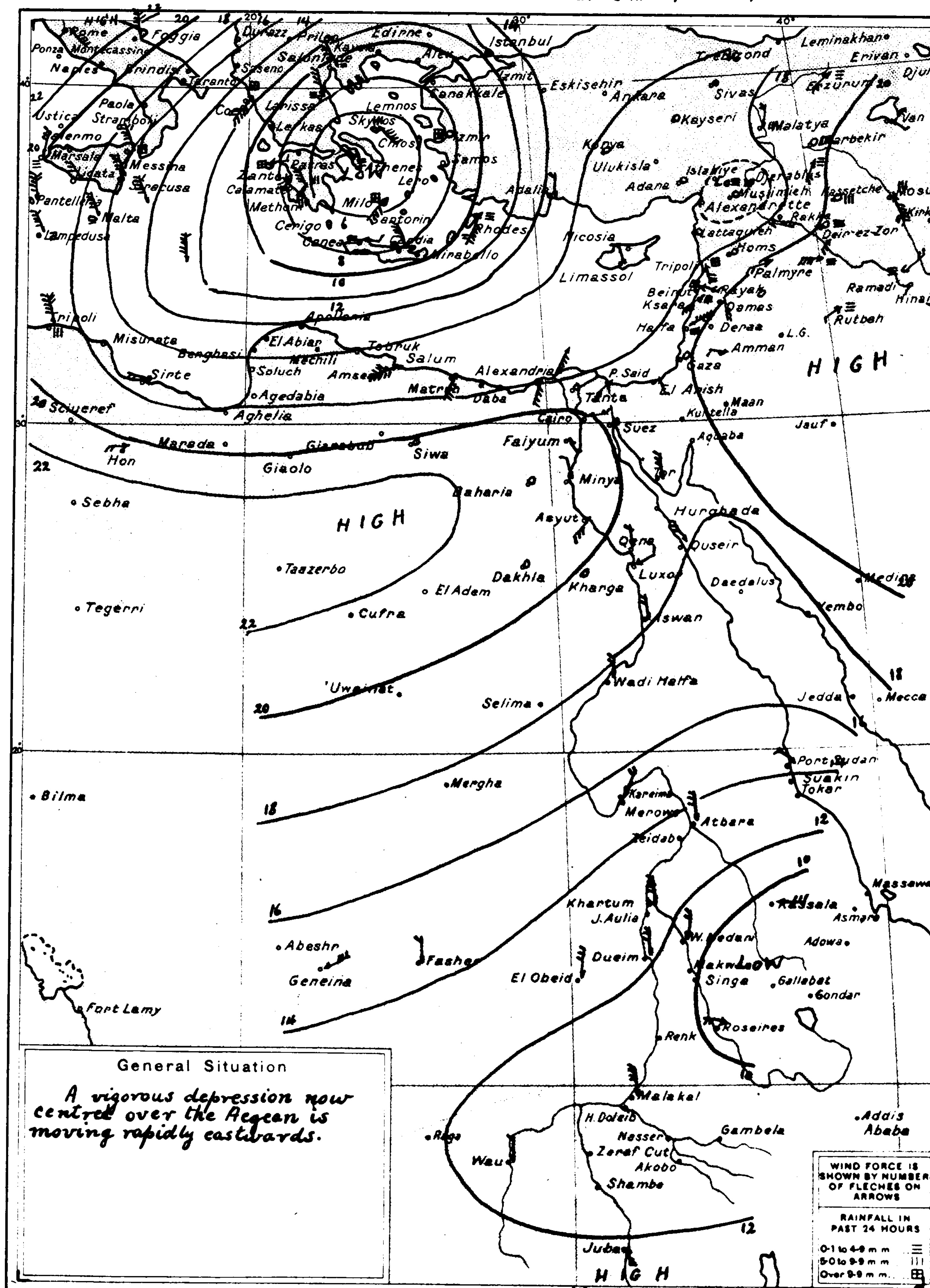
Giza Grass minimum on *29th* 7.4 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
28-11	1561	1387
27-11	1445	1390

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	29-11	13.81	+0.24	13.86	+0.28
Nâsser	28-11	10.17	+0.10	10.22	+0.12
Malakâl	29-11	12.37	+0.09	12.37	+0.09
Roseires	29-11	13.69	+0.21	13.70	+0.20
Sennâr Res.	28-11	20.49	—	20.41	—
Khartûm	28-11	11.72	-0.14	11.76	-0.12
Kh. el Girba					
'Atbara	29-11	11.11	-0.11	11.14	-0.10
Kajnarti	28-11	134.91	-0.44	134.94	-0.46
Wâdi Halfa					
Aswân Res.	28-11	119.57	—	119.49	—
D. S.	28-11	86.93	+0.35	86.79	+0.21
El Leisi	29-11	18.47	-1.24	18.47	-1.31
Rôda (Cairo)	29-11	15.82	-0.64	15.79	-0.71

Pressure and Wind at 8 h. *29-11-37*



General Situation

A vigorous depression now centred over the Aegean is moving rapidly 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

At 8 h. on *28th* الساعة ٨ يوم ٢٨

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	Total fr. Oct 1 to yesterday m	Normal fr. Oct 1 to yesterday m	مرصد
Limassol	1011	-6	SW	3	16	—	—	—	—	—	—	5	—	—	—	—	—	—	ليماسول
Haifa	1012.7	-3.5	WNW	4	21.9	24	+1	15	+2	48	-14	2	—	—	—	0	221	97	حيفا
Gaza	1013.4	-3.0	—	0	16.8	27	+4	15	+3	74	+2	0	9	—	0	0	137	39	غزة
Quseir	1014.3	-2.0	SSW	2	24.7	26	-1	21	+3	62	+14	2	7	Ac	1	0	4	4	القصير
Ships	23353	17906	32601			13861		48004		77614		26402							سفينة
	23320	30806	18501			18917		37003		71503		66601							
	23364	16306	30601			16956		32003		84700		36303							

Remarks

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

CAIRO
Time of sunrise 06 34
sunset 16 55

Month *November*, 1937 ١٩٣٧ شهر نوفمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	Region	STATION	14h. on 29th Bar. Pressure Reduced to M.S.L. m.b.	14h Wind Dir.	14h Wind Force	14h Temp. °C	14h Humidity %	14h Present Weather	14h Visibility	8h. on Tuesday 30th 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	Normal fr. Oct. 1 to yesterday m
130	MEDITERRANEAN	SALÛM	1015.6	WSW	9	20.7	36	7	3	1017.6	-0.7	NW	4	13.0	21	—	9	—	94	—	3	5	Cb	2	0	8	—
131		MATRÛH	1015.8	WSW	3	21.1	64	3	6	1015.6	-2.5	SSW	4	14.8	22	0	12	0	70	-5	1	6	Cu	1	0	42	38
150		DIKHEILA	1018.3	W	2	20.9	38	0	8	1018.3	—	SW	2	14.9	22	—	12	—	54	—	1	8	Sc	1	0	30	—
132		ALEXANDRIA	1017.5	SW	3	21.4	42	1	9	1018.4	0.0	S	4	16.2	21	-2	13	-1	57	-15	1	8	Cu	0	0	51	37
159		DAMIETTA								1018.2	—	S	2	12.8	24	—	10	—	72	—	0	8	—	1	0	52	25
134		PORT SAÏD	1018.3	SW	2	22.3	42	0	8	1017.5	+0.5	SW	4	15.0	23	+1	13	-2	73	-1	1	8	Cc	2	0	36	14
135		EL 'ARÎSH	1017.6	NNW	2	21.7	54	0	7	1018.0	—	—	0	19.0	25	—	12	—	64	—	3	7	Cu	1	0	44	14
136	LOWER EGYPT	DAMANHÛR								1018.0	-0.3	SSW	2	15.5	23	-1	12	+1	54	-32	1	8	Ac	1	0	44	18
137		MANSÛRA								1018.3	—	SE	1	12.8	22	-2	10	-2	74	-6	0	7	—	1	0	74	8
138		TANTA	1017.6	W	3	23.0	44	0	6	—	—	SW	2	13.0	24	0	10	-1	77	-5	1	6	Cc	1	0	46	6
139		ZAGÂZÎG	1018.3	SW	1	21.6	48	0	8	1018.8	—	SSW	1	15.4	22	-2	8	-3	66	-16	0	8	—	1	0	27	4
141	MIDDLE EGYPT	CAIRO ALMÂZA								1019.0	—	SSE	3	16.0	21	—	10	—	48	—	1	7	Ac	1	0	32	—
		CAIRO EZBEKÎYA	1018.0	WSW	3	22.6	42	0	8	1018.3	-0.2	SSE	1	14.4	24	+1	11	-1	70	-10	1	6	Ac	0	0	14	4
		CAIRO GÎZA	1017.9	SSW	1	23.1	38	0	9	1018.4	-0.6	S	1	13.5	24	+1	9	-1	71	-14	1	6	Sc	1	0	54	4
143		HELWÂN	1018.0	SSW	2	21.1	39	0	9	1018.6	+0.3	E	1	15.1	21	-1	11	-1	50	-20	0	6	—	0	0	24	4
144		SUEZ	1018.0	ESE	1	23.2	43	0	8	1018.4	+0.8	NE	1	13.7	26	+2	10	-4	72	-4	1	6	Cu	1	0	25	8
153	UPPER EGYPT	FAIYÛM	1018.4	W	2	23.0	37	0	8	1019.1	+0.6	SSE	1	14.2	24	0	8	-3	56	-19	0	5	—	0	0	dr.	1
154		MINYA	1018.3	NNW	2	23.3	35	0	8	1019.1	+0.4	N	1	13.4	24	+1	10	-1	67	-12	0	6	—	0	0	dr.	—
155		ASYÛT	1018.6	S	3	22.5	41	0	8	1019.0	+0.2	E	2	13.2	24	0	10	0	62	-10	0	7	—	0	0	0	3
156		QENA	1016.6	WSW	1	26.2	37	0	8	1017.9	+0.3	WNW	1	15.0	27	0	11	0	60	-2	1	7	Ci	1	0	0	—
157		LUXOR	1015.8	NNW	1	28.7	35	0	8	1017.2	—	ESE	1	15.7	30	—	8	—	63	—	1	8	Cu	1	0	dr.	—
158		ASWÂN	1013.6	N	2	29.0	40	1	8	1016.6	-0.7	N	2	19.5	30	+2	16	+3	43	-7	0	8	—	0	0	dr.	—
148	WESTERN DESERT	SÎWA	1017.1	SW	1	23	68	2	8	1017.8	-1.2	—	0	11.2	23	0	7	-1	—	—	0	6	—	0	0	dr.	2
149		BAHARÎYA	1017.0	WSW	1	22.0	26	0	9	1018.4		SW	1	12.1	22	—	6	—	64	—	0	9	—	0	0	0	—
151		KHÂRGA	1017.1	NE	2	24.7	52	0	9	1017.4	-0.5	N	1	19.2	25	-2	11	+1	59	-4	0	9	—	0	0	0	dr.
152		DÂKHLA	1015.8	NNW	1	23.5	25	0	8	1018.4	-0.8	—	0	13.7	25	-1	9	-1	44	-10	0	7	—	0	0	0	—
145	RED SEA	TÔR	1016.6	NW	3	24.0	48	0	6	1017.0	0.0	NE	2	16.8	24	0	12	0	49	-13	0	6	—	0	0	40	5
146		HURGHÂDA								1015.4	-1.5	NW	3	20.1	25	0	13	0	53	-1	1	9	St	1	0	tr.	dr.
147		QUSEIR	1016.2	NNE	3	25.7	61	0	6	1015.5	-0.9	NW	3	23.3	27	+1	18	0	47	-2	0	7	—	0	0	4	4
169		PORT SUDAN								1015.0	+0.5	NW	2	28.4	31	+1	24	+1	80	+12	2	—	—	0	0	38	59
165	NORTH SUDAN	WÂDI HALFA								1016.1	-1.7	N	1	18.1	30	+2	15	+3	40	-10	1	8	Ci,Ac	0	—	—	—
166		KAREIMA								1013.2	-2.3	NE	2	23.8	35	+2	20	+4	46	+10	3	8	Cs	0	0	dr.	1
167		'ATBARA																									1
168		KHARTÛM								1010.7	-2.1	NNE	3	25.7	39	+5	21	+3	36	+1	1	8	Ci	0	0	2	5
170		KASSALA								1008.0	-3.4	ENE	6	29.9	39	+3	21	+1	30	-24	0	7	—	0	0	dr.	11
171	CENTRAL SUDAN	WAD MEDANI								1010.0	-2.2	NNE	2	25.5	38	+2	19	+1	48	+11	1	—	—	0	0	16	13
173		DUEIM								1010.0	-2.2	NW	3	25.6	37	+2	21	+4	37	+3	0	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1009.7	-1.2	W	2	25.2	39	+2	18	+1	45	-4	0	—	—	0	0	38	37
174		EL OBEID								1011.1	-3.0	NNW	5	23.8	35	+3	17	+4	26	-9	4	8	Ci	1	0	8	19
175		EL FÂSHER								—	—	NW	1	20.5	36	+3	16	+5	55	+22	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1010.2	-0.8	W	1	25.5	38	+2	19	+1	68	+29	0	9	—	0	0	47	93
177		WÂU								1010.3	-0.4	N	1	23.8	38	+2	19	0	69	+2	0	—	—	0	0	164	145
178		JÛBA								1011.1	+0.6	SSE	5	23.7	38	+2	19	-1	60	-10	0	7	—	0	0	154	131
179		Geneina																									
180		Gallabat								—	—	E	3	16.0	36	—	13	—	32	—	4	8	Ci,As	1	0	14	—

Upper Wind Observations on 30th
ارصاد الرياح العليا يوم ٣٠

Height metres above M.S.L.	Salum 08h.00m. Dir. E.of N	Kms per hour	Matruh 07h.00m. Dir.	Kms	Cairo 07h.00m. Dir.	Kms	Helwan 08h.45m. Dir.	Kms	Asyut 07h.00m. Dir.	Kms	Aswan 07h.00m. Dir.	Kms	W.Halfa 06h.06m. 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 07h.00m. Dir.	Kms	Salum 29th 13h.00m. Dir.	Kms	Almaza 29th 11h.00m. Dir.	Kms
200	320	25	240	—	190	19	150	6	—	—	—	—	20	13	—	—	—	—	—	—	—	—	—	—	—	—	250	63	230	22
500	290	22	240	41	300	13	220	13	20	11	50	32	60	27	50	43	20	47	—	—	—	—	320	11	—	—	240	66	240	23
1000	270	22			260	14	260	18	270	4	60	26	60	21	70	43	70	66	110	47	40	63	10	14	230	27	240	84	230	17
1500	Ent.Cb.				270	55	260	49	290	27	130	13	150	8	50	31	40	37	120	34	50	50	30	24	190	27	240	48		
2000	Cail.				Cail.		250	54			170	20	240	26	20	24	350	48	120	24	70	31	70	16			Ent.Sc.			
3000															30	5	50	27					60	31						
4000															270	5														
5000																														
6000																														

Forecast for 24 hours from noon on 30th

On the coast fresh southwest winds veering to northwest, strong at times. Inland light to moderate south to southwest winds.
Mainly clear at first; low cloud later, increasing. Rain near the coast; scattered showers inland later. Cooler.
Further outlook: cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣٠ نسيم من الجنوب الغربي على السواحل يتحول الى شمال الغربي وتشتد قوته ورياح ما بين الخفيفة والمعتدلة جنوبية الى جنوبية غربية في الداخل السماء صحو اولا ثم يتكون السحاب المنخفض ويتزايد ويقع المطر قرب السواحل [redacted]

STATION	Mean of day Humidity on 29th	Diff. from normal	Wet bulb temp. on 29th °C	Diff. from normal
Alexandria	53	-12	13.2	-1.0
Ezbekiya	63	-7	12.9	-1.6
Giza	67	-9	12.4	-1.6
Helwan	49	-9	11.8	-0.7

Giza Grass minimum on 30th 6.6 °C

Discharges at Aswan measured by sluices m³ per sec

DATE		1937	1936
30	11	1621	1617

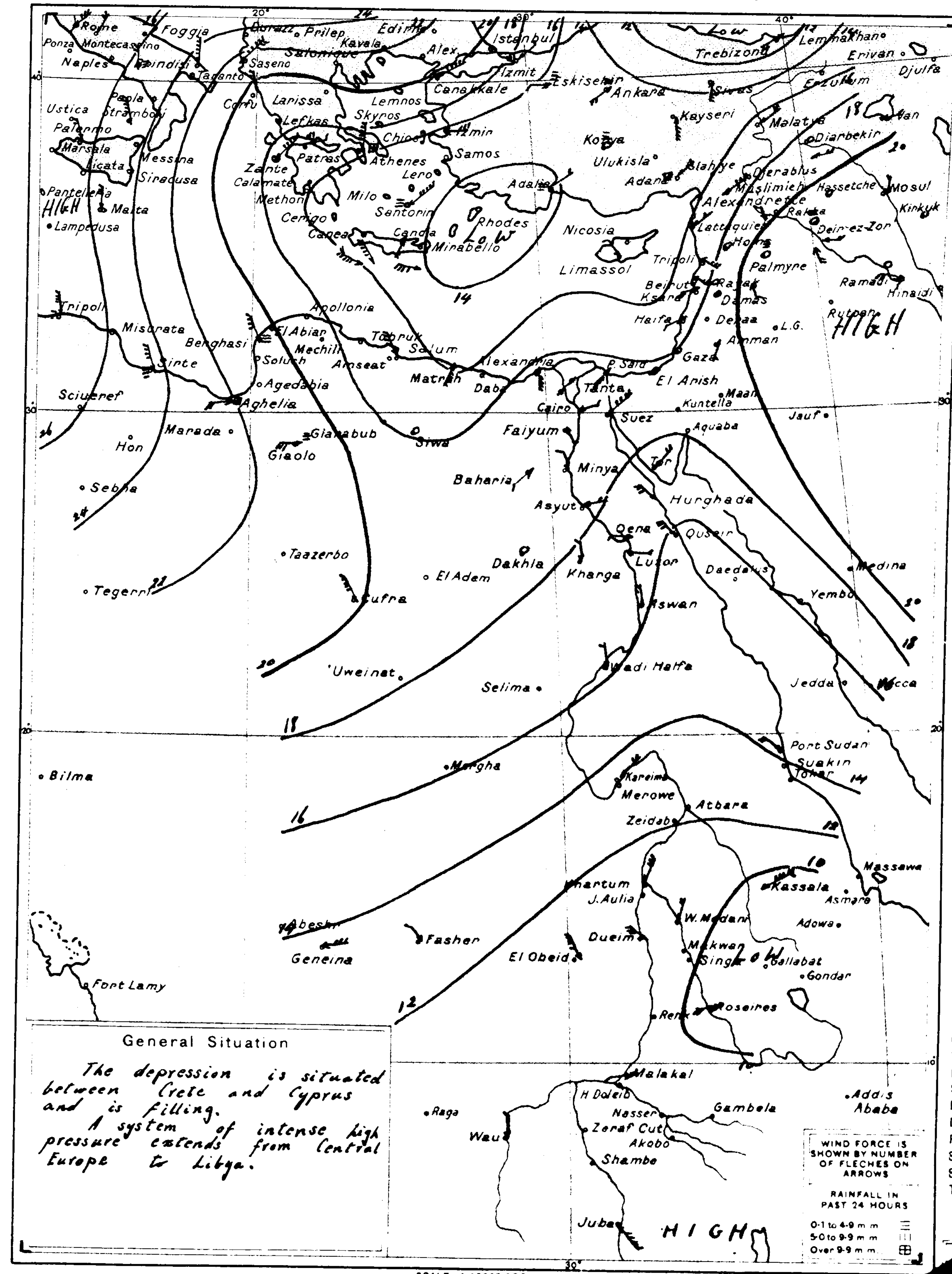
[redacted]

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	30-11	13.82	+0.25	13.81	+0.24
Nâsser	29-11	10.12	+0.10	10.17	+0.10
Malakâl	30-11	12.36	+0.09	12.37	+0.09
Roseires	30-11	13.74	+0.30	13.69	+0.21
Sennâr Res.	29-11	20.57	—	20.49	—
Khartûm	30-11	11.66	-0.14	11.68	-0.14
Kh. el Girba					
'Atbara	29-11	11.11	-0.11	11.14	-0.10
Kajnarti	29-11	134.88	-0.38	134.91	-0.44
Wâdi Halfa					
Aswân Res.	30-11	119.61	—	119.59	—
D. S.	30-11	87.03	+0.28	87.01	+0.43

[redacted]

Printed [redacted] (36/530)

٣٧-١١-٣٠ Pressure and Wind at 8 h. 30-11-37



General Situation

The depression is situated between Crete and Cyprus and is filling.
A system of intense high pressure extends from Central Europe 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

[redacted]

Clear [redacted]
Varia [redacted]
Main [redacted]
Sand [redacted]
Fog, [redacted]
Drizzl [redacted]
Rain [redacted]
Snow, [redacted]
Showe [redacted]
Thunde [redacted]

STATION	8h. on 29th 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	Normal fr. Oct. 1 to yesterday m
Limassol	1017	0	NW	1	16	—	—	—	—	—	—	4	—	—	—	—	—	—
Haifa	1019.4	+3.2	ENE	7	20.9	26	+3	14	+1	55	-8	2	—	—	—	12	233	100
Gaza	1019.6	+3.2	—	0	15.1	25	+2	12	0	80	+8	0	9	—	0	0	137	40
Hurghada	—	—	WNW	3	21.0	29	+3	14	0	35	-19	0	9	—	0	0	tr.	dr.

Ships
33338 24306 28501 17856 37003 88713 27001
33333 25906 26403 16861 35207 12625 26502
33338 [redacted]

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

CAIRO
Time of sunrise h. m. 06 35
sunset h. m. 16 55

Month *December*, 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on 30-11 (الساعة ١٤ يوم ٣٠-١١) — At 8h. on Wednesday 1st (الساعة ٨ يوم الأربعاء ١)

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	1017.5	W	6	18.1	44	3	8	1020.6	+2.4	WNW	6	7.0	19	—	6	—	89	—	1	6	Sc	1	dr.	8	—
131		MATRÛH	1015.5	WNW	4	18.1	85	2	6	1017.0	-1.1	WSW	4	11.5	20	-2	9	-3	82	+7	2	6	Cu	1	0	42	39
150		DIKHEILA	1016.7	W	3	21.9	37	0	8	1017.8	—	W	4	17.7	22	—	14	—	47	—	1	8	Cu	1	0	30	—
132		ALEXANDRIA	1014.6	WSW	6	—	47	0	9	1017.4	-1.0	W	7	17.4	22	-1	15	+1	51	-21	2	9	Cu	2	0	51	38
159		DAMIETTA								1017.1	—	SW	3	14.3	23	—	10	—	74	—	0	8	—	0	0	52	26
134		PORT SAÏD	1016.6	NW	2	23.0	38	0	8	1016.6	-0.4	SW	4	17.1	23	+1	14	0	67	-7	0	8	—	1	0	36	14
135		EL 'ARÎSH	1016.3	NNW	2	22.0	52	1	7	1016.8	—	WSW	2	18.0	24	—	13	—	62	—	0	7	—	0	0	44	15
136	LOWER EGYPT	DAMANHÛR								1018.6	+0.2	SW	3	13.5	24	0	11	0	73	-12	0	8	—	0	0	44	19
137		MANSÛRA								1017.8	—	SW	1	13.9	23	-1	9	-3	79	-2	0	8	—	0	0	74	8
138		TANTA	1016.4	SW	4	23.0	38	0	6	1018.4	-0.1	W	2	14.0	23	-1	9	-2	78	-4	0	6	—	0	0	46	6
139		ZAGÂZÎG	1016.7	SW	1	22.9	41	0	8	1019.0	—	SW	2	15.8	23	-1	9	-2	64	-18	0	8	—	1	0	27	4
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1017.4	SW	3	22.8	33	2	8	1019.1	—	WSW	2	15.1	23	—	10	—	58	—	1	6	Sc	1	0	32	—
	CAIRO	EZBEKÎYA	1016.6	SSW	2	24.0	40	1	9	1018.8	+0.3	S	1	14.0	25	+2	12	+1	75	-6	0	6	—	0	0	14	4
	CAIRO	GÎZA	1016.4	WSW	2	25.1	38	2	9	1019.0	0.0	SE	1	13.5	26	+3	11	+1	73	-12	0	5	—	1	0	54	4
143		HELWÂN	1017.1	WSW	2	22.2	31	2	8	1019.4	+1.1	—	0	13.4	23	+1	11	-1	56	-13	0	6	—	0	0	24	4
144		SUEZ	1016.7	ESE	1	23.2	43	0	8	1018.2	+0.5	NNE	1	13.8	25	+1	10	-4	65	-11	0	6	—	1	0	25	8
153	UPPER EGYPT	FAIYÛM	1013.8	SW	1	24.1	37	2	8	1019.8	+1.2	SSW	1	16.0	26	+2	9	-1	62	-13	0	8	—	0	0	dr.	1
154		MINYA	1017.1	N	2	23.5	35	0	7	1019.9	+1.2	NNW	2	13.9	24	+1	11	+1	61	-18	0	5	—	0	0	dr.	—
155		ASYÛT	1016.6	WSW	3	25.0	36	0	8	1019.9	+1.0	WSW	3	13.2	25	+1	11	+1	64	-8	0	7	—	0	0	0	3
156		QENA	1014.4	WSW	1	28.3	36	1	8	1017.2	-0.4	WNW	1	16.0	30	+3	12	+1	61	-1	1	7	Cu	1	0	0	—
157		LUXOR	1014.3	ESE	2	30.2	36	1	8	1016.7	—	—	0	17.4	31	—	11	—	66	—	1	8	Cu	1	0	dr.	—
158		ASWÂN	1012.0	NNW	2	30.6	38	0	8	1016.2	-1.2	N	3	21.3	31	+3	19	+6	36	-14	2	8	Cu	2	0	dr.	—
148	WESTERN DESERT	SÎWA	1017.1	WNW	1	21.3	79	0	6	1021.4	+2.3	—	0	10.3	22	-1	6	-2	—	—	0	6	—	0	0	dr.	2
149		BAHARÎYA	1016.8	W	2	23.7	31	0	9	—		NW	2	13.2	24	—	11	—	64	—	0	9	—	0	0	0	—
151		KHÂRGA	1015.0	NE	2	28.0	44	0	9	1019.8	+1.9	N	2	17.4	28	+1	12	+3	68	+5	0	9	—	0	0	0	dr.
152		DÂKHLA								1021.4	+2.1	NW	2	15.1	25	-1	12	+3	52	-2	0	7	—	0	0	0	—
145	RED SEA	TÔR	1014.6	NW	5	24.8	61	0	6	1016.0	-1.0	N	4	22.0	26	+2	15	+3	36	-26	0	6	—	0	0	40	5
146		HURGHÂDA								1016.2	-0.8	NNW	3	21.2	26	+1	13	0	36	-18	1	9	Cc	1	0	tr.	dr.
147		QUSEIR	1015.0	NE	3	26.1	54	0	7	1015.6	-0.9	NNW	4	22.9	27	+1	20	+2	75	+26	4	6	Cb	2	0	4	4
169		PORT SUDAN								1013.5	-1.1	NW	3	28.0	31	+1	25	+3	71	+3	2	—	—	0	0	38	61
165	NORTH SUDAN	WÂDI HALFA								1016.3	-1.6	NNE	4	19.4	31	+3	18	+7	38	-12	4	8	Cs, Ac	1	—	—	—
166		KAREIMA								1012.4	-3.2	NE	3	25.3	37	+4	21	+5	48	+12	3	8	Ci	0	0	dr.	1
167		'ATBARA								1011.2	-2.4	NE	3	25.8	37	+4	20	+3	39	+2	0	—	—	0	0	1	1
168		KHARTÛM								1010.0	-2.8	NNW	4	25.1	39	+5	20	+2	40	+5	2	8	Ci	0	0	2	5
170		KASSALA								1007.0	-4.6	ENE	2	29.6	40	+4	20	+1	30	-24	0	8	—	0	0	dr.	11
171	CENTRAL SUDAN	WAD MEDANI								1008.7	-3.6	NNE	2	26.6	38	+3	18	0	44	+7	0	—	—	0	0	16	13
173		DUEIM								1010.0	-2.3	NNW	3	24.8	38	+3	20	+3	36	+3	0	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1008.2	-2.7	WNW	1	25.7	40	+3	18	+1	49	0	0	—	—	0	0	38	37
174		EL OBEID								1010.7	-3.5	N	3	23.0	37	+5	19	+6	44	+9	4	8	Ci	1	0	8	19
175		EL FÂSHER								—	—	N	1	25.0	37	+4	18	+7	58	+25	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1009.0	-2.0	NW	2	27.8	37	+1	19	+1	44	+6	4	7	Cs	1	0	47	93
177		WÂU								1008.3	-2.5	NW	1	25.0	38	+2	19	+1	51	-16	1	—	—	0	0	164	146
178		JÛBA								1011.3	+0.8	SSE	4	23.2	38	+2	18	-2	66	-4	4	7	Cs, As	0	0	154	132
179 / 180		Geneina / Gallabat								—	—	NE	3	18.3	36	—	15	—	28	—	4	8	Ci, Ac	1	0	14	—

Upper Wind Observations on 1st (ارصاد الرياح العليا يوم ١)

Height metres above M.S.L.; Dir. E. of N; Kms per hour

Height	Salum 08h 00m Dir	Kms	Matruh 07h 00m Dir	Kms	Dikheila 07h 30m Dir	Kms	Cairo 08h 15m Dir	Kms	Helwan 08h 45m Dir	Kms	Asyut 07h 00m Dir	Kms	Aswan 07h 00m Dir	Kms
200	300	37	270	59	270	53	300	18	160	11	—	—	—	—
500	310	39	290	85	270	37	300	25	300	25	340	37	10	46
1000	lost		300	48	280	53	280	35	280	25	330	31	50	19
1500					Ent. Cu.		280	31	260	30	310	24	40	14
2000							240	54	240	62			230	32
3000													230	36
4000														
5000														
6000														

Height	W. Halfa 06h 00m Dir	Kms	Kareima 06h 00m Dir	Kms	Khartum 06h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Juba 07h 00m Dir	Kms	Salum 30-11 13h 30m Dir	Kms	Almaza 30-11 11h 30m Dir	Kms
200	—	27	—	—	—	—	—	—	—	—	—	—	270	38	220	17
500	30	46	50	47	20	37	—	—	330	5	—	—	270	50	240	28
1000	30	29	50	40	20	47	100	35	330	6	260	31	270	38	240	18
1500	40	18	40	34	10	27	50	21	0	21	190	39	Ent. Cu.		270	33
2000	170	14	30	29	10	18	0	13	20	31	170	34	lost		260	60
3000	270	16			20	19	170	8	60	18	150	18				
4000	290	29			0	14	120	19								
5000							110	14								
6000							100	13								

Forecast for 24 hours from noon on 1st

On the coast fresh to strong westerly winds veering to northwest or north.
Inland moderate to fresh west to northwest winds.
Some low cloud.
Showers in the north.
Cooler.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١
رياح شديدة غربية تتحول إلى الشمال الغربي أو الشمال على السواحل
ورياح معتدلة إلى شديدة نوعا غربية إلى شمالية غربية في الداخل
يظهر بعض السحاب المنخفض
ومطر في الشمال
وسيبرد الطقس

Station	Mean of day: Humidity % on 30-11	Diff from normal	Wet bulb temp. °C on 30-11	Diff from normal
Alexandria	60	-5	14.2	+0.1
Ezbekiya	62	-8	13.4	-1.0
Giza	70	-6	13.3	-0.6
Helwan	42	-16	11.9	-0.5

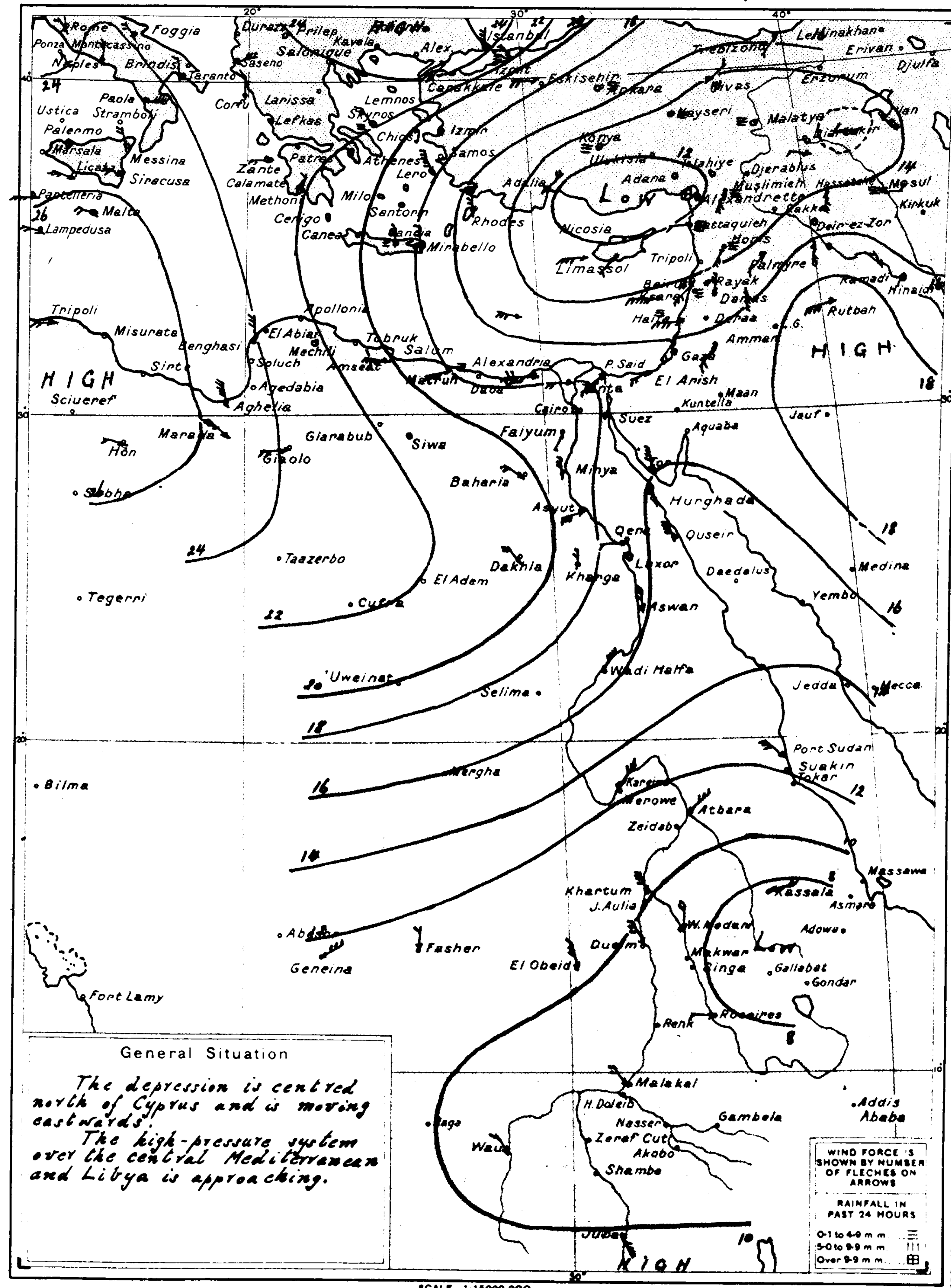
Giza Grass minimum on 1st 6.6 °C

Discharges at Aswân measured by sluices m³ per sec

Date	1937	1936
1-12	1620	1620
30-11	1621	1617

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	1-12	13.80	+0.24	13.82	+0.25
Nâsser	30-11	10.06	+0.09	10.12	+0.10
Malakâl	1-12	12.36	+0.10	12.36	+0.09
Roseires	1-12	13.73	+0.32	13.74	+0.30
Sennâr Res.	30-11	20.66	—	20.57	—
Khartûm	30-11	11.66	-0.14	11.68	-0.14
Kh. el Girba					
Atbara	1-12	11.05	-0.10	11.08	-0.11
Kajnarti	30-11	134.81	-0.41	134.88	-0.38
Wâdi Halfa					
Aswân Res.	1-12	119.63	—	119.61	—
Aswân D. S.	1-12	87.02	+0.09	87.03	+0.28
El Leisi	1-12	18.47	-1.13	18.47	-1.17
Rôda (Cairo)	1-12	15.84	-0.54	15.84	-0.58

١-١٢-٣٧ Pressure and Wind at 8 h. 1-12-37



General Situation

The depression is centred north of Cyprus and is moving eastwards.
The high-pressure system over the central Mediterranean and Libya is approaching.

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 30-11 (الساعة ٨ يوم ٣٠-١١)

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
Limassol	1015	-2	NW	1	17	—	—	—	—	—	—	4	—	—	—	—	—	—	ليماسول
Haifa	1017.2	+1.0	WSW	1	16.2	24	+1	13	0	69	+6	3	—	—	—	0	233	103	حيفا
Gaza	1018.3	+1.9	—	0	12.2	24	+1	11	-1	88	+16	0	9	—	0	0	137	41	غزه

Remarks

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

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CAIRO
Time of sunrise 06h 35m
sunset 16h 55m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

Month *December*, 1937 ١٩٣٧ شهر ديسمبر

DAILY WEATHER REPORT ٢-١٢-٣٧

At 14h. on *1st* الساعة ١٤ يوم ١ — At 8h. on *Thursday 2nd* الساعة ٨ يوم ٢ الخميس

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	1020.4	NNW	5	14.5	79	5	5	1024.4	+6.2	WNW	3	11.0	17	—	7	—	87	—	3	6	Sc	2	dr.	8	—
131	Mediterranean	MATRÛH	1017.5	NNW	3	16.2	88	4	6	1022.4	+4.3	WSW	2	12.6	19	-2	10	-2	91	+16	3	6	Cu	2	tr.	42	40
150	Mediterranean	DIKHEILA	1018.2	W	2	16.3	66	3	—	1022.0	—	WSW	2	15.0	22	—	14	—	81	—	4	—	—	—	tr.	30	—
132	Mediterranean	ALEXANDRIA	1017.5	WNW	5	16.0	78	3	9	1021.9	+3.5	N	4	17.4	19	-3	15	+1	55	-17	4	7	Ac	2	tr.	51	40
159	Mediterranean	DAMIETTA								1021.0	—	SW	2	14.5	21	—	12	—	81	—	2	7	Cu	1	dr.	52	26
134	Mediterranean	PORT SAÎD	1015.6	NW	3	20.3	40	0	7	1020.6	+3.6	NW	4	17.2	21	-1	14	0	69	-5	1	8	Cc	1	0	36	15
135	Mediterranean	EL 'ARÎSH	1016.3	WNW	2	20.1	63	0	7	1021.0	—	WSW	2	16.5	21	—	14	—	71	—	4	6	Cb	2	0	44	15
136	Lower Egypt	DAMANHÛR								1022.4	+4.0	SW	1	14.1	20	-4	13	+2	88	+3	3	7	Cu	6	1	45	19
137	Lower Egypt	MANSÛRA								1025.9	—	W	1	14.2	20	-4	12	0	85	+4	2	5	Cc	1	0	74	8
138	Lower Egypt	TANTA	1017.5	WSW	5	19.0	38	0	6	1022.6	+4.1	W	2	14.5	20	-3	10	-1	84	+2	4	5	As	2	0	46	6
139	Lower Egypt	ZAGÂZÎG	1018.0	SW	1	19.9	43	0	8	1022.7	—	SW	1	13.3	20	-4	9	-1	87	+5	4	6	Sc	2	0	27	4
141	Middle Egypt	CAIRO ALMÂZA	1018.3	W	5	19.3	43	0	8	1022.6	—	WSW	2	14.1	20	—	8	—	75	—	4	5	As	2	0	32	—
	Middle Egypt	CAIRO EZBEKÎYA	1018.0	WNW	3	20.6	45	0	9	1022.6	+4.0	SSE	2	13.0	21	-2	11	0	82	+1	4	5	Sc	1	0	14	4
	Middle Egypt	CAIRO GÎZA	1017.9	WNW	4	20.1	45	1	9	1023.1	+4.0	SSE	3	12.4	22	-1	8	-2	82	-3	8	4	Sc	2	0	54	4
143	Middle Egypt	HELWÂN	1017.9	W	4	18.6	39	1	8	1023.4	+5.1	E	1	12.1	19	-3	9	-3	78	+9	4	7	Sc	2	0	24	4
144	Middle Egypt	SUEZ	1017.1	NNW	2	21.2	36	0	8	1021.9	+4.1	—	0	13.1	22	-2	10	-3	75	-1	2	6	Sc	1	0	25	8
153	Upper Egypt	FAIYÛM	1018.8	NW	3	20.0	35	0	8	1023.1	+4.5	—	0	13.6	22	-2	8	-2	64	-11	3	4	Sc	1	0	dr.	1
154	Upper Egypt	MINYA	1018.7	NW	3	21.3	31	0	6	1023.0	+4.2	N	1	11.6	21	-1	7	-3	68	-11	0	5	—	0	0	dr.	—
155	Upper Egypt	ASYÛT	1018.4	NNW	5	20.3	46	0	8	1022.6	+3.6	WSW	3	10.0	22	-1	7	-3	62	-10	0	6	—	0	0	0	3
156	Upper Egypt	QENA	1014.8	WNW	3	27.2	26	0	8	1019.6	+1.9	WNW	3	12.2	28	+2	9	-2	61	-1	3	7	Cu	1	0	0	—
157	Upper Egypt	LUXOR	1015.2	NNW	3	26.4	38	0	8	1019.4	—	S	1	15.3	27	—	11	—	58	—	4	7	Cu	2	0	dr.	—
158	Upper Egypt	ASWÂN	1013.0	NNW	5	28.0	23	1	8	1019.5	+2.0	N	4	16.0	29	+1	15	+2	41	-9	3	8	Cu	2	0	dr.	—
148	Western Desert	SÎWA	1019.5	NNW	2	18.1	79	0	6	1023.4	+4.3	—	0	10.0	18	-5	5	-3	78	+9	0	6	—	0	0	dr.	2
149	Western Desert	BAHARÎYA	1020.7	NW	2	18.1	44	0	9	1024.7	—	SSW	1	10.0	24	—	4	—	64	—	0	9	—	0	0	0	—
151	Western Desert	KHÂRGA	1017.2	N	4	23.0	46	0	9	1022.2	+4.2	NE	2	10.9	23	-4	8	-1	69	+6	0	9	—	0	0	0	dr.
152	Western Desert	DÂKHLA	1019.2	NNW	3	20.0	32	0	8	1023.0	+3.6	NW	1	9.1	20	-6	6	-3	60	+6	0	7	—	1	0	0	—
145	Red Sea	TÔR	1015.1	NW	5	24.5	42	0	6	1017.9	+0.8	NW	4	18.0	25	+1	11	-1	53	-9	0	6	—	0	0	40	5
146	Red Sea	HURGHÂDA								1019.0	+2.0	NW	5	17.8	26	+1	13	0	60	+6	2	8	Ci	1	0	tr.	dr.
147	Red Sea	QUSEIR	1014.6	NE	3	25.5	89	3	6	1018.2	+1.7	NNW	4	19.4	27	+1	16	-2	43	-6	3	6	Sc	2	0	4	4
169	Red Sea	PORT SUDAN								1014.6	0.0	N	5	27.2	31	+2	24	+2	69	+1	2	—	—	1	—	38	62
165	North Sudan	WÂDI HALFA								1019.1	+1.1	N	5	16.4	29	+1	15	+4	47	-3	4	6	Cs	1	—	—	—
166	North Sudan	KAREIMA								~~1014.8~~	-0.9	NE	4	22.8	36	+4	20	+5	35	-1	2	8	Ci	0	0	dr.	1
167	North Sudan	'ATBARA																									1
168	North Sudan	KHARTÛM								1011.9	-1.0	NW	5	24.9	39	+5	21	+3	47	+12	1	8	Ci	0	0	2	5
170	North Sudan	KASSALA								1009.0	-2.6	ENE	2	25.6	39	+3	19	0	55	0	1	8	Cs	0	0	dr.	11
171	Central Sudan	WAD MEDANI								1010.3	-2.0	NE	2	25.5	38	+3	20	+2	50	+13	1	—	—	0	0	16	13
173	Central Sudan	DUEIM								1011.0	-1.3	NW	4	24.8	38	+3	20	+3	46	+13	0	—	—	0	0	14	12
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1008.6	-2.4	WNW	1	26.8	41	+4	17	0	31	-18	0	—	—	0	0	38	37
174	Central Sudan	EL OBEID								1012.1	-2.2	N	5	21.8	36	+4	19	+6	36	+1	3	8	Ci	1	0	8	19
175	Central Sudan	EL FÂSHER								—	—	N	1	20.0	38	+6	16	+5	64	+31	0	—	—	0	0	32	8
176	S. Sudan	MALAKÂL								1009.1	-1.9	N	3	28.7	38	+2	20	+2	29	-8	1	8	Ci	0	0	47	93
177	S. Sudan	WÂU								1009.9	-0.9	W	2	24.0	39	+3	21	+3	66	-1	2	—	—	0	0	164	146
178	S. Sudan	JÛBA								1011.8	+1.3	ESE	4	23.0	38	+2	18	-2	66	-4	8	4	Cs	2	0	154	132
179		*Geneina*								—	—	ENE	4	18.2	37	—	17	—	28	—	1	6	Ac	4	0	14	—
180		*Gallabat*																									

Upper Wind Observations on *2nd* ارصاد الرياح العليا يوم ٢

Dir. E. of N; Kms per hour

Height metres above M.S.L.	Salum 08h.00m Dir	Kms	Matruh 07h.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 06h.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 07h.00m Dir	Kms	Salum 1st 13h.30m Dir	Kms	Almaza 1st 11h.15m Dir	Kms
200	300	17	290	20	240	11	160	6	—	—	—	—	10	31	—	—	—	—	—	—	—	—	—	—	—	—	0	38	280	37
500	290	36	300	26	320	34	310	17	10	36	10	34	10	53	30	56	10	84	—	—	—	—	20	19	—	—	—	—	270	42
1000	330	28	320	26	10	31	10	6	0	42	10	38	40	48	80	47	50	53	100	8	30	55	30	37	350	13	340	8	280	70
1500	330	26	320	54	Ent. Sc.		0	28	0	27	350	22	50	24	40	23	40	37	40	18	40	40	30	53	160	16	10	20	260	37
2000							340	24			200	13	130	2	20	19	40	27	20	8	60	11	30	29	180	8	320	29	230	42
3000							Ent. Sc.				250	50	250	23	20	34			200	6			70	16	150	32	Ent. Cb.			
4000											240	42							100	39					130	16				
5000																									170	26				
6000																									180	32				

Forecast for 24 hours from noon on *2nd*

On the coast moderate to fresh northwesterly winds.
Inland light to moderate westerly winds, becoming north to northeast tomorrow.
Some low cloud.
Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢
رياح مابين المعتدله والشديده نوعا شماليه غربيه على الساحل
ورياح غربيه بين الخفيفة والمعتدله في الداخل تتحول الى
الشمال والشمال الشرقي غدا
يظهر بعض السحاب المنخفض
ويستمر الطقس باردا

Station	Mean of day: Humidity % on 1st	Diff. from normal	Wet bulb temp. °C on 1st	Diff. from normal
Alexandria	50	-15	13.0	-1.0
Ezbekiya	68	-3	12.8	-1.5
Giza	73	-3	11.6	-2.2
Helwân	50	-9	10.2	-2.0

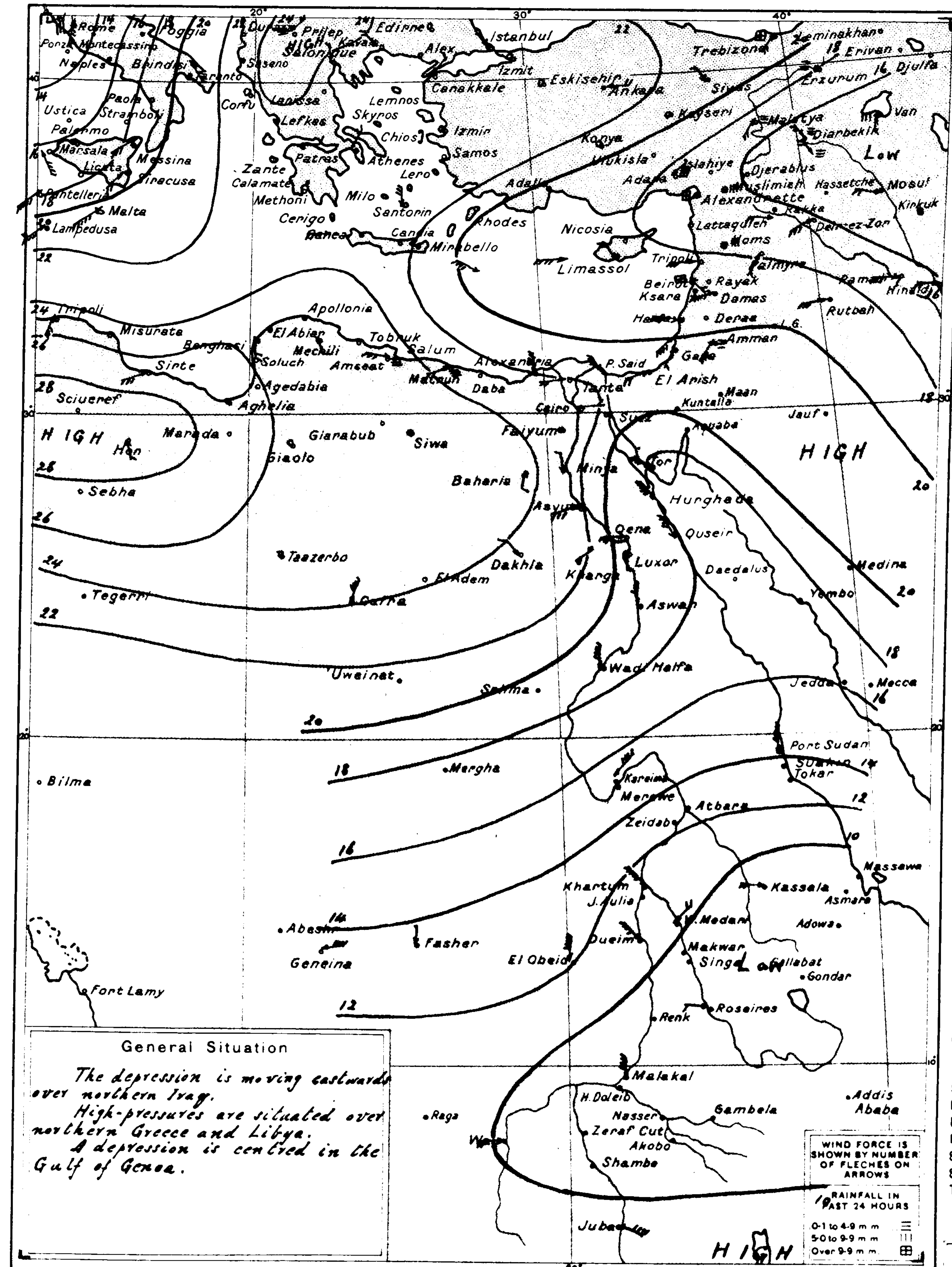
Giza Grass minimum on *2nd* 6.4°C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
2-12	1621	1619
1-12	1620	1620

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	1-12	13.80	+0.24	13.82	+0.25
Nâsser	1-12	10.01	+0.09	10.06	+0.09
Malakâl	2-12	12.35	+0.10	12.36	+0.10
Roseires	2-12	13.64	+0.27	13.73	+0.32
Sennâr Res.	1-12	20.72	—	20.66	—
Khartûm	1-12	11.64	-0.14	11.66	-0.14
Kh. el Girba					
'Atbara	1-12	11.05	-0.10	11.08	-0.11
Kajnarti	1-12	134.73	-0.45	134.81	-0.47
Wâdi Halfa					
Aswân Res.	2-12	119.60	—	119.63	—
D. S.	2-12	87.04	+0.11	87.02	+0.09
El Leisi	2-12	18.47	-1.05	18.47	-1.13
Rôda (Cairo)	2-12	15.86	-0.49	15.84	-0.54

Pressure and Wind at 8h. *2-12-37*



General Situation

The depression is moving eastwards over northern Iraq.
High-pressures are situated over northern Greece and Libya.
A depression is centred in the Gulf of Genoa.

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 *1st* الساعة ٨ يوم ١

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	Total fr. Oct. 1 to yesterday m	Normal fr. Oct. 1 to yesterday m	محطة
Limassol	1013	-4	SW	1	13	—	—	—	—	—	—	4	—	—	—	—	—	—	ليماسول
Haifa	1015.8	-0.4	WNW	3	17.6	23	0	15	+2	69	+6	8	—	—	—	4	237	106	حيفا
Gaza	1017.1	+0.4	—	0	13.6	23	+1	11	-1	79	+7	0	9	—	0	0	137	42	غزه

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

CAIRO

Time of sunrise h. 06 m. 36

sunset h. 16 m. 55

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-١٢-٣

Month *December* 1937 ١٩٣٧ شهر ديسمبر

1417·F.C.

Pressure and Wind at 8 h. 3-12-1937

	STATION	At 14 h. 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
	MEDITERRANEAN							
130	SALÛM	1023.1	WNW	4	17.8	50	3	8
131	MATRÛH	1021.8	WNW	3	17.7	76	4	6
130	DIKHEILA	—	NNW	2	20.0	47	2	—
132	ALEXANDRIA	1021.2	WNW	3	20.2	48	2	9
159	DAMIETTA							
134	PORT SAÏD	1020.4	NW	3	19.3	61	3	8
135	EL 'ARÎSH							
136	LOWER EGYPT — DAMANHÛR							
137	MANSÛRA							
138	TANTA	1021.1	NW	4	18.5	58	4	5
139	ZAGÂZÎG	1021.6	NW	1	19.1	60	2	8
141	MIDDLE EGYPT — CAIRO: ALMÂZA							
	EZBEKÎYA	1021.2	SSW	2	20.4	56	3	8
	GÎZA	1021.1	WNW	1	18.0	52	2	6
	HELWÂN	1021.1	WNW	1	18.0	52	2	6
143	SUEZ	1020.6	NW	2	19.4	49	1	8
153	UPPER EGYPT — FAIYÛM	1020.6	NW	3	18.4	58	4	8
154	MINYA	1021.1	WNW	3	19.6	44	2	7
155	ASYÛT	1020.2	WNW	4	19.2	43	0	8
156	QENA	1017.5	WNW	2	21.3	43	4	7
157	LUXOR	1017.4	NE	3	22.7	43	4	8
158	ASWÂN	1016.6	N	5	21.0	20	3	8
148	WESTERN DESERT — SÎWA	1022.3	NW	1	19.8	74	1	6
149	BAHARÎYA	1021.4	NNE	2	19.1	47	0	9
151	KHÂRGA	1019.4	N	3	20.0	58	0	9
152	DÂKHLA	1021.4	NNW	2	18.2	33	2	7
145	RED SEA — TÔR	1016.8	NW	6	21.7	64	0	6
146	HURGHÂDA							
147	QUSEIR	1016.6	N	4	22.8	41	4	5
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	Gallabat							

	STATION	At 8 h. on Friday 3rd (الساعة ٨ يوم ٣) 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	Total 1 Oct. to yesterday	Normal 1 Oct. to yesterday
	MEDITERRANEAN																		
130	SALÛM	1025.9	+7.8	WNW	4	10.8	19	—	9	—	90	—	1	5	Cu	1	0	8	—
131	MATRÛH	1020.7	+2.5	NW	2	12.7	19	-2	11	-1	92	+17	3	6	Cu	1	tr	42	41
130	DIKHEILA	1023.8	—	SSW	1	15.6	20	—	14	—	81	—	2	—	—	—	0	30	—
132	ALEXANDRIA	1023.9	+5.5	—	0	17.6	21	-1	15	+1	69	-4	3	8	Ac	2	0	51	42
159	DAMIETTA	1023.5	—	SW	2	13.2	22	—	10	—	78	—	0	8	—	1	dr	52	27
134	PORT SAÏD	1023.5	+6.5	SW	3	17.0	21	-1	14	0	72	-3	0	6	—	1	0	36	15
135	EL 'ARÎSH	1023.1	—	WSW	1	18.0	21	—	15	—	75	—	2	7	Cu	1	0	44	16
136	LOWER EGYPT — DAMANHÛR	1024.4	+6.0	SW	1	14.0	21	-3	10	-1	88	+3	1	7	Cu	0	0	45	20
137	MANSÛRA	1027.6	—	S	1	11.0	21	-3	9	-2	87	+6	8	5	—	0	0	74	8
138	TANTA	1024.3	+5.8	—	0	14.0	20	-3	8	-3	84	+2	0	6	—	0	dr	46	6
139	ZAGÂZÎG	1024.2	—	SW	1	13.9	20	-4	8	-2	80	-2	1	6	Ci	1	0	27	4
141	MIDDLE EGYPT — CAIRO: ALMÂZA	1023.5	—	SE	2	12.4	20	—	6	—	74	—	1	5	St	4	0	32	—
	EZBEKÎYA	1023.6	+5.0	—	0	11.6	21	-2	9	-2	94	+13	0	5	—	0	0	14	4
	GÎZA	1023.9	+4.7	—	0	9.9	22	-1	6	-4	95	+10	0	4	—	0	0	54	4
	HELWÂN	1024.0	+5.6	—	0	12.1	19	-3	8	-3	76	+7	0	5	—	0	0	24	4
143	SUEZ	1023.6	+5.7	NNE	2	11.8	20	-4	9	-4	83	+7	0	7	—	1	0	25	8
153	UPPER EGYPT — FAIYÛM	1024.0	+5.4	NNE	1	13.6	21	-3	7	-3	71	-4	0	5	—	0	0	dr	2
154	MINYA	1023.9	+5.1	NNW	3	13.8	20	-2	9	-1	72	-7	0	6	—	0	0	dr	—
155	ASYÛT	1023.4	+4.4	WSW	3	11.2	20	-3	7	-3	75	+3	0	7	—	0	0	0	3
156	QENA	1020.2	+2.4	WNW	2	13.3	22	+4	9	-2	65	+3	1	7	Cu	1	0	0	—
157	LUXOR	1020.0	—	NE	1	13.3	24	—	7	—	71	—	3	8	As	2	0	dr	—
158	ASWÂN	1020.2	+2.6	N	5	17.0	21	-6	15	+2	43	-8	2	8	Cu	2	0	dr	
148	WESTERN DESERT — SÎWA	1022.8	+3.6	—	0	10.3	21	-2	4	-4	63	-6	0	6	—	0	0	dr	2
149	BAHARÎYA	1024.3	—	SW	1	10.1	24	—	4	—	61	—	0	9	—	0	0	0	—
151	KHÂRGA	1022.4	+4.3	N	3	10.7	20	-7	8	-1	69	+5	0	9	—	0	0	0	dr
152	DÂKHLA																		—
145	RED SEA — TÔR	1019.8	+2.7	NE	2	15.0	24	0	13	+1	59	-3	0	6	—	0	0	40	5
146	HURGHÂDA	1019.6	+2.5	NNW	5	19.1	22	-3	13	0	65	+11	2	8	St	1	0	tr	dr
147	QUSEIR	1019.2	+2.6	NNW	5	19.8	23	-3	17	-1	40	-9	3	6	—	2	0	4	4
169	PORT SUDAN	1013.9	-0.8	N	6	25.6	31	+2	23	+1	71	+3	4	—	—	2	0	38	63
165	NORTH SUDAN — WÂDI HALFA	1020.3	+2.2	NNW	5	16.5	24	-3	15	+4	47	-3	4	8	Cu,Ac	1	—	—	—
166	KAREIMA	1016.7	+0.9	NNE	2	21.0	33	+1	18	+3	14	-22	4	8	Cs	1	0	dr	1
167	'ATBARA	1013.4	-0.3	N	3	24.0	34	+1	20	+3	49	+11	0	—	—	0	0	1	1
168	KHARTÛM	1012.8	-0.2	N	4	24.6	35	+1	20	+2	40	+5	4	8	Ci	0	0	2	5
170	KASSALA	1010.2	-1.5	NE	1	26.3	37	+1	19	0	55	0	2	8	Ci	0	0	dr	11
171	CENTRAL SUDAN — WAD MEDANI	1011.6	-0.8	NNE	3	25.0	36	+1	17	-1	49	+11	0	—	—	0	0	16	12
173	DUEIM	1011.5	-0.9	WNW	3	25.0	36	+1	21	+4	56	+23	0	—	—	0	0	14	12
	RENK																		
172	ROSEIRES	1010.3	-0.8	WNW	2	23.9	39	+2	17	0	43	-5	0	—	—	0	0	38	37
174	EL OBEID	1013.1	-1.3	N	4	20.8	34	+2	17	+4	27	-8	4	8	Cs	1	0	8	19
175	EL FÂSHER	—	—	N	1	18.0	35	+3	13	+2	62	+26	0	—	—	0	0	32	8
176	S. SUDAN — MALAKÂL	1010.3	-0.7	ENE	3	24.1	38	+2	19	+1	46	+9	0	8	—	0	0	47	93
177	WÂU	1011.6	+0.8	SW	1	23.0	38	+2	19	+1	66	0	0	—	—	0	0	164	146
178	JÛBA	1012.0	+1.4	SSW	5	24.8	38	+2	19	-1	68	-2	2	7	Cs,Ac	1	0	154	133
179	Geneina	—	—	NE	3	16.0	34	—	14	—	32	—	4	6	Cs	0	0	14	—
180	Gallabat																		

Upper Wind Observations on (ارصاد الرياح العليا يوم)

Height metres above M.S.L.	Wadi Halfa 00 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	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	Malakal 06 h. 00 m. Dir E of N	Kms per hour	Saba 07 h. 00 m. Dir E of N	Kms per hour	Geneina 07 h. 00 m. Dir E of N	Kms per hour	Salima 13 h. 30 m. Dir E of N	Kms per hour	Almaza 10 h. 30 m. Dir E of N	Kms per hour
200	10	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	320	25	260	11
500	20	48	30	50	0	37	—	—	—	—	20	37	—	—	—	—	320	22	280	13
1000	30	34	40	31	60	35	90	18	30	55	20	53	250	35	40	34	300	23	320	5
1500	70	3	20	31	40	24	30	18	40	45	30	31	160	16	50	31	310	28	10	21
2000	330	11	30	29	60	19	350	11	110	11	50	18	150	23	70	23	320	17	320	17
3000	260	26	50	14							60	18	170	24	110	21	Tail			
4000	150	27	300	3											150	27				
5000	270	50																		
6000																				

Forecast for 24 hours from noon on

تغيرات الطقس المتوقعة ٢٤ ساعة من ظهر

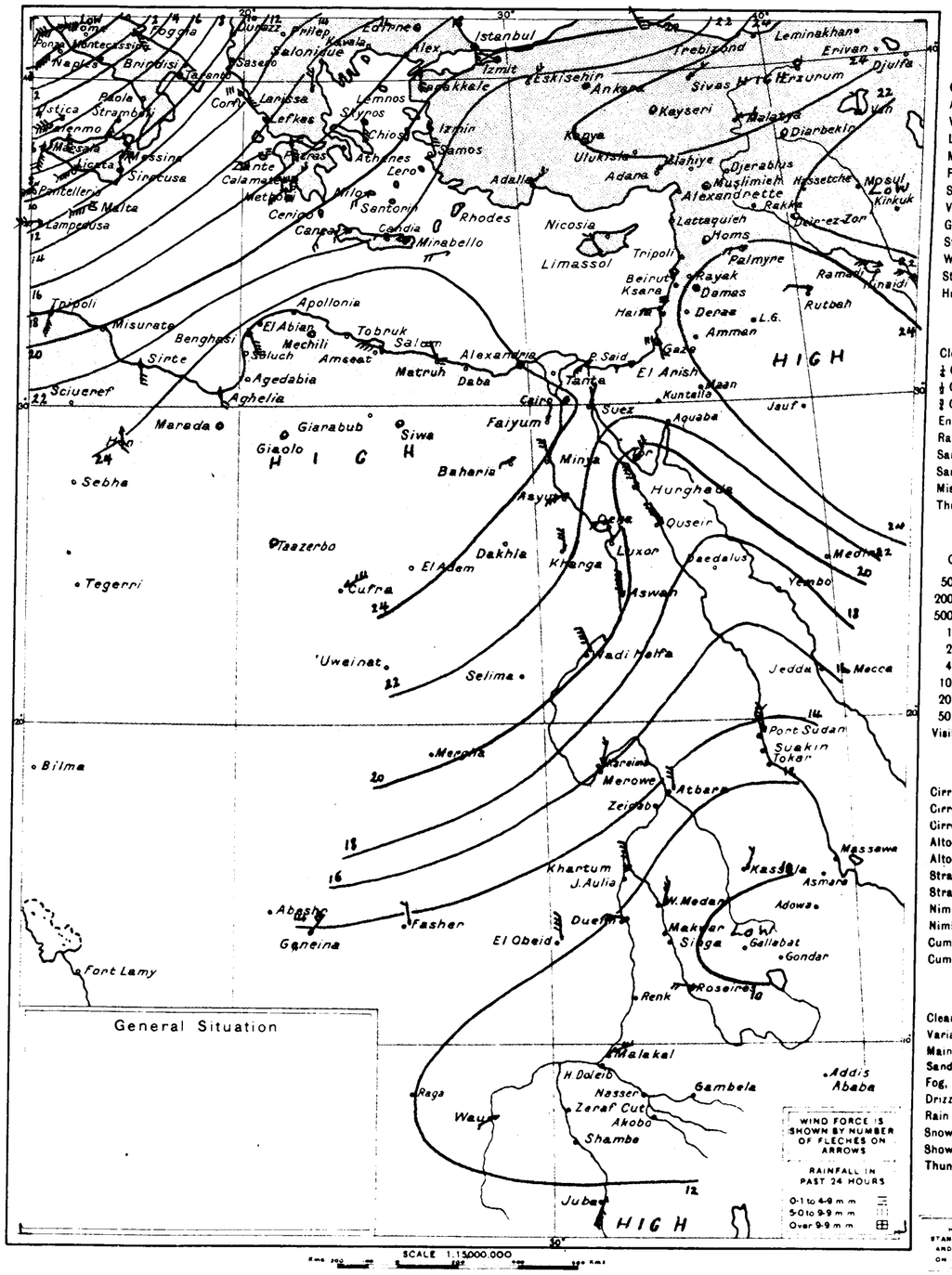
STATION	Mean of day HUMIDITY %	Diff from normal	WET BULB TEMP. °C	Diff from normal
Alexandria	—	—	—	—
Ezbekiya	76	+5	13.1	-0.9
Giza	81	+5	11.9	-1.7
Helwân	67	+8	11.3	-0.7

Giza Grass minimum on 3.9 °C

Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
3-12	1625	1619
2-12	1621	1619

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff from normal m
Jûba	3-12	13.79	+0.24	13.80	+0.24
Nâsser	3-12	9.87	+0.01	9.95	+0.06
Malakâl	3-12	12.35	+0.11	12.35	+0.10
Roseires	3-12	13.56	+0.26	13.64	+0.27
Sennâr Res.	3-12	20.72	—	20.75	—
Khartûm	3-12	11.54	-0.21	11.61	-0.15
Kh. el Girba					
Atbara	3-12	11.00	-0.13	11.02	-0.12
Kajnarti	3-12	134.63	-0.43	134.67	-0.45
Wâdi Halfa					
Aswân Res.	3-12	119.65	—	119.60	—
D. S.	3-12	87.03	+0.10	87.04	+0.11
El Leisi	3-12	18.47	-0.99	18.47	-1.05
Rôda (Cairo)	3-12	15.86	-0.46	15.86	-0.49



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, Dustatorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

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

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

Remarks

STATION	At 8 h. on 2nd (الساعة ٨ يوم ٢) 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	Total 1 Oct. to yesterday	Normal 1 Oct. to yesterday	مرصد
Limassol	1019	+2	NW	2	11	—	—	—	—	—	—	4	—	—	—	—	—	—	ليماسول
Haifa	1018.8	+2.5	WNW	3	18.9	22	-1	12	0	45	-19	1	—	—	—	13	250	113	حيفا
Gaza	1019.6	+3.1	SSW	1	13.9	22	0	11	-1	88	+16	2	5	—	1	4	141	46	غزة

ANNUAL SUBSCRIPTION

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

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CAIRO
Time of sunrise 06 h. 37 m.
sunset 16 h. 55 m.

Month *December* 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٤-١٢-٣٧

At 14h. on 3rd الساعة ١٤ يوم ٣ — At 8h. on *Saturday 4th* الساعة ٨ يوم السبت 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. 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
	MEDITERRANEAN	SALÛM	1023.6	WSW	2	19.6	47	0	8	1023.2	+5.1	WSW	4	11.8	20	—	10	—	78	—	3	5	Ac	1	0	8	—
		MATRÛH	1022.8	NNE	1	18.2	86	2	6	1021.1	+2.9	S	2	12.4	21	0	11	-1	87	+12	4	6	Cu	2	0	42	42
		DIKHEILA														—		—		—							—
132		ALEXANDRIA	1022.8	W	1	20.1	54	2	9	1022.8	+4.3	—	0	21.0	23	+1	15	+1	57	-16	1	8	Cu	2	0	51	44
159		DAMIETTA								1020.8	—	S	1	14.4	24	—	11	—	96	—	0	6	—	1	0	52	27
134		PORT SAÏD	1023.0	NW	2	20.2	55	0	7																		16
135		EL 'ARÎSH														—		—		—							16
136	LOWER EGYPT	DAMANHÛR								1023.4	+5.0	—	0	14.0	23	0	9	-2	84	-1	0	8	—	0	0	45	21
137		MANSÛRA								1022.3	—	NE	1	14.0	22	-2	10	-1	80	-1	1	7	Cs	1	0	74	9
138		TANTA																									7
139		ZAGÂZÎG	1022.4	NW	2	20.2	48	0	8	1022.8	—	NW	1	15.4	20	-4	8	-2	78	-4	1	7	Cc	1	0	27	4
141	MIDDLE EGYPT — CAIRO	ALMÂZA								1022.6	—	ESE	2	12.2	21	—	6	—	73	—	1	7	St	4	0	32	—
		EZBEKÎYA	1021.8	NNE	1	21.9	48	0	9	1022.3	+3.6	—	0	11.2	23	+1	9	-2	93	+12	0	5	—	0	0	14	5
		GÎZA	1021.8	NNE	3	20.6	47	1	9	1022.6	+3.4	N	1	11.3	21	-1	8	-2	87	+2	8	4	—	0	0	54	4
143		HELWÂN	1021.2	N	4	19.6	38	0	7	1022.0	+3.6	NNE	2	13.1	20	-2	7	-2	80	+11	0	6	—	0	0	24	4
144		SUEZ	1021.5	NE	3	19.6	56	1	8	1022.3	+4.3	NW	3	14.3	20	-4	11	-2	78	+2	0	7	—	0	0	25	9
153	UPPER EGYPT	FAIYÛM	1021.1	N	3	21.1	37	0	8	1022.4	+3.7	N	2	13.0	22	-2	7	-3	77	+2	0	8	—	0	0	tr	2
154		MINYA	1021.2	NNE	4	20.3	46	0	5	1022.0	+3.1	N	2	11.8	20	-2	8	-2	78	-1	0	7	—	0	0	tr	—
155		ASYÛT	1019.9	N	3	20.4	39	0	8	1021.6	+2.5	WSW	3	9.6	22	-1	6	-4	82	+10	0	7	—	0	0	0	3
156		QENA	1017.6	WSW	2	23.3	39	1	8	1019.6	+1.7	NNW	2	11.5	25	-1	8	-2	70	+8	0	8	—	0	0	0	—
157		LUXOR	1017.1	NE	2	24.1	32	2	8	1019.4	—	E	1	13.2	24	—	6	—	65	—	0	8	—	0	0	tr	—
158		ASWÂN	1017.0	N	4	23.0	25	3	8	1019.1	+1.4	NNE	3	15.0	23	-4	11	-2	49	-2	0	8	—	0	0	tr	—
148	WESTERN DESERT	SÎWA	1021.9	—	0	21.2	74	0	6	1022.6	+3.4	—	0	7.3	23	+1	3	-5	72	+3	0	6	—	0	0	tr	2
149		BAHARÎYA	1021.4	NE	2	20.1	91	0	9	1022.6		SW	1	10.3	25	—	4		83	—	0	9	—	0	0	0	—
151		KHÂRGA	1020.0	N	4	20.0	58	0	9	1021.9	+3.7	N	2	11.0	21	-5	9	0	90	+26	0	9	—	0	0	0	tr
152		DÂKHLA	1020.7	NNE	2	20.3	30	0	7	1022.4	+2.8	WNW	1	11.0	21	-4	7	-2	58	+3	0	8	—	0	0	0	
145	RED SEA	TÔR	1017.8	NW	5	22.0	59	0	6	1019.6	+2.4	N	2	14.2	23	-1	10	-2	64	+2	0	6	—	0	0	40	6
146		HURGHÂDA								1019.2	+2.1	NW	3	19.5	23	-2	11	-2	59	+5	1	9	Cu	1	0	5	tr
147		QUSEIR	1017.6	N	3	22.9	50	2	6	1018.6	+2.0	NNW	3	21.9	24	-2	16	-1	43	-6	0	7	—	0	0	4	4
169		PORT SUDAN								1015.0	+0.3	N	6	26.2	30	+1	23	+1	69	+1	3	—	—	1	0	38	64
165	NORTH SUDAN	WÂDI HALFA								1019.7	+1.5	NNE	3	13.2	24	-3	11	0	34	-17	1	8	Cs	0	—	—	—
166		KAREIMA								1016.3	+0.4	NE	2	20.9	32	0	19	+4	27	-10	4	8	Cs	1	0	tr	1
167		'ATBARA								1013.4	-0.4	NNE	3	22.5	33	+1	19	+2	52	+14	1	—	—	0	0	1	1
168		KHARTÛM								1013.9	+0.8	N	4	23.7	35	+1	16	-2	39	+3	4	8	Cs	0	0	2	5
170		KASSALA								1010.4	-1.4	ENE	2	25.6	37	+1	20	+1	92	+37	1	8	Cs	0	0	tr	11
171	CENTRAL SUDAN	WAD MEDANI								1012.6	+0.1	NNE	3	25.0	35	0	17	-1	52	+14	1	—	—	0	0	16	13
173		DUEIM								1012.6	+0.1	NW	3	24.8	35	0	20	+3	52	+19	1	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1010.7	-0.4	NNW	2	25.2	39	+2	18	+1	37	-9	0	—	—	0	0	38	37
174		EL OBEID								1014.0	-0.5	NNW	5	20.3	32	0	17	+4	40	+4	4	8	Ci	1	0	8	17
175		EL FÂSHER								—	—	NW	1	15.0	35	+3	10	-1	63	+29	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1011.9	+0.9	ENE	3	24.2	37	+1	17	-1	46	+10	0	8	—	1	0	47	93
177		WÂU								1011.6	+0.7	NE	2	23.5	38	+2	20	+2	71	+5	0	—	—	0	0	164	146
178		JÛBA								1013.1	+2.5	S	3	23.8	36	0	20	0	75	+5	3	6	Cs,Ac	2	9	163	133
179 / 180		*Gezira* *Gallabat*								—	—	NE	3	16.7	33	—	13	—	32	—	4	8	Ci,Ac	1	0	14	—

Upper Wind Observations on 4th ارصاد الرياح العليا يوم ٤

Height metres above M.S.L.	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 06 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	Malakal 05 h. 00 m. Dir E. of N	Kms per hour	Juba 06 h. 00 m. Dir E. of N	Kms per hour	Gezira 07 h. 00 m. Dir E. of N	Kms per hour	Almaza 3rd 11 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
200	10	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	350	15				
500	40	32	40	47	0	45	—	—	—	—	0	40	—	—	—	—	350	18				
1000	30	31	40	34	40	53	90	23	30	55	20	34	270	37	30	42	20	20				
1500	40	6	30	27	110	14	90	14	50	40	50	21	230	13	70	40	30	21				
2000	310	11	30	32	90	18	110	16	10	5	120	14	170	13	70	37						
3000	290	39	10	11	110	18					80	16			30	23						
4000															340	6						
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	58	-7	13.9	+0.1
Ezbekiya	77	+6	13.1	-0.8
Giza	79	+3	12.0	-1.4
Helwan	59	0	11.2	-0.7

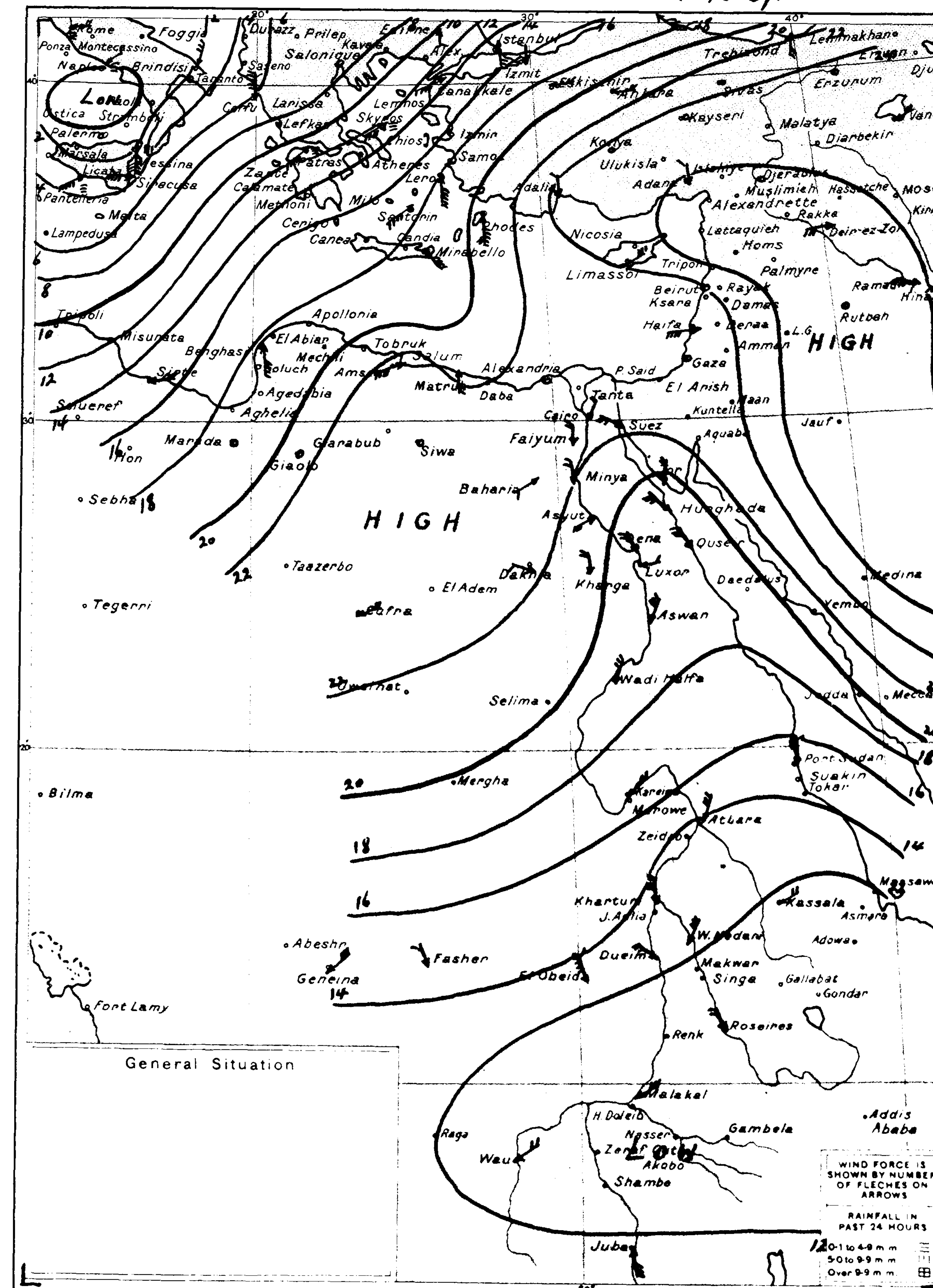
Giza Grass minimum on 4th 6.6 °C

Discharges at Aswan measured by sluices m^3 per sec

DATE	1937	1936
4.12	1621	1619
3.12	1625	1619

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	4.12	13.78	+0.23	13.79	+0.24
Nâsser	4.12	9.80	-0.01	9.87	+0.01
Malakâl	4.12	12.34	+0.11	12.35	+0.11
Roseires	4.12	13.50	+0.22	13.56	+0.26
Sennâr Res.	4.12	20.70	—	20.72	—
Khartûm	4.12	11.54	-0.22	11.54	-0.21
Kh. el Girba					
Atbara	4.12	10.98	-0.13	11.00	-0.13
Kajnarti					
Wâdi Halfa	4.12	124.63	-0.35	124.63	-0.43
Aswân Res.	4.12	119.66	—	119.65	—
D.S.	4.12	87.02	+0.09	87.03	+0.10
El Leisi	4.12	18.47	-0.92	18.47	-0.99
Rôda (Cairo)	4.12	15.91	-0.38	15.86	-0.46

Pressure and Wind at 8h. *4-12-37*.



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

At 8 h. on *3rd* الساعة ٨ يوم ٣

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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	مرصد
Limassol	1023	+6	NW	2	12	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1023.5	+7.2	WSW	2	15.6	21	-1	12	0	78	+14	5	—	—	—	2	252	119	حيفا
Gaza	1022.3	+5.8	SE	1	13.8	19	-3	12	0	94	+22	3	4	—	1	9	150	51	غزة

Remarks

ANNUAL SUBSCRIPTION
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CAIRO
Time of sunrise 06 h. 37 m.
sunset 16 h. 55 m.

Month December 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ١٩٣٧-١٢-٥

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

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 3fr Oct. 1 to yesterday m.m.	Normal 3fr Oct. 1 to yesterday m.m.
	MEDITERRANEAN																									
	SALÛM	1020.6	SSW	5	18.9	34	2	8	1018.2	+0.2	SW	8	13.0	20	—	11	—	52	—	4	5	Ac	2	0	8	—
	MATRÛH	1019.8	—	0	21.8	53	3	6	1017.2	-1.0	S	3	11.4	22	+1	10	-2	84	+10	4	6	As	2	0	42	43
	DIKHEILA	1020.8	—	—	20.0	59	2	—	1019.2	—	SE	1	15.0	20	—	11	—	76	—	2	—	—	—	0	30	—
	ALEXANDRIA	1020.0	ENE	2	23.3	52	1	9	1018.6	+0.1	—	0	15.8	25	+3	13	0	73	0	3	8	Ac	2	0	51	46
157	DAMIETTA								1018.3	—	W	1	13.9	24	—	10	—	79	—	2	6	Cc	1	0	52	28
134	PORT SAÏD								1018.6	+1.5	SW	2	17.4	23	+2	12	-2	65	-10	0	8	—	0	0	36	16
135	EL 'ARÎSH	1019.5	NNE	1	20.0	66	4	7	1018.6	—	ESE	1	15.6	23	—	10	—	80	—	0	7	—	0	0	44	17
	LOWER EGYPT																									
136	DAMANHÛR								1018.7	+0.3	SW	1	10.9	24	+1	9	-2	98	+13	3	6	Ci	1	0	45	22
	MANSÛRA								1017.9	—	E	1	10.8	23	-1	8	-3	90	+9	1	7	Cs	1	0	74	9
	TANTA																									7
	ZAGÂZÎG	1019.8	ENE	1	21.9	46	0	8	1019.0	—	NNE	1	10.4	22	-1	6	-4	94	+12	8	2	As	4	0	27	4
	MIDDLE EGYPT																									
	CAIRO ALMÂZA								1019.1	—	SSW	2	12.2	22	—	6	—	64	—	3	7	Sc	2	0	32	—
	CAIRO EZBEKÎYA	1019.2	NE	3	22.8	52	0	9	1018.2	-0.5	—	0	10.0	24	+2	8	-3	96	+15	2	6	Cc	0	0	14	5
	CAIRO GÎZA	1019.1	NNE	2	22.1	54	1	8	1018.8	-0.5	—	0	7.4	23	+1	5	-4	98	+13	3	3	—	4	0	54	5
143	HELWÂN	1018.8	NNE	4	21.0	42	1	9	1018.3	-0.1	—	0	12.6	21	0	11	0	58	-11	2	5	Ci	1	0	24	5
144	SUEZ	1018.8	NE	2	21.9	35	0	8	1018.2	+0.1	—	0	10.9	22	-1	8	-5	89	+13	2	7	As	1	0	25	9
	UPPER EGYPT																									
153	FAIYÛM	1018.2	NNE	3	22.1	43	0	8	—	—	S	2	13.0	22	-2	8	-2	72	-3	2	8	Cu	0	0	tr	2
154	MINYA	1017.8	N	3	20.5	48	0	6	1019.2	+0.3	NW	2	12.3	21	-1	7	-3	73	-7	0	5	—	1	0	tr	—
155	ASYÛT	1018.3	WSW	3	22.2	43	0	8	1019.4	+0.2	ESE	3	9.8	24	+1	6	-3	66	-6	0	7	—	0	0	0	3
156	QENA	1016.3	W	2	22.5	34	0	8	1019.1	+1.1	N	1	11.3	24	-2	6	-4	49	-13	0	8	—	0	0	0	—
157	LUXOR	1016.8	NW	1	25.4	34	0	8	1018.0	—	ENE	2	12.9	26	—	4	—	69	—	0	8	—	0	0	tr	—
158	ASWÂN	1015.6	N	2	24.9	26	0	8	1017.9	+0.1	—	0	13.6	26	-1	10	-3	50	-1	0	8	—	0	0	tr	—
	WESTERN DESERT																									
148	SÎWA	1019.8	S	1	20.1	80	0	6	1018.0	-1.2	—	0	9.5	21	-1	3	-4	98	+28	0	6	—	0	0	tr	2
149	BAHARÎYA	1019.5	NNW	1	19.7	50	0	9	1019.6		—	0	10.0	21	—	3	—	62	—	0	9	—	0	0	0	—
151	KHÂRGA	1020.0	N	2	20.3	58	0	9	1019.6	+1.4	N	1	12.8	21	-5	4	-5	72	+8	0	9	—	0	0	0	tr
152	DÂKHLA	1019.0	N	1	21.1	25	0	8	1019.8	+0.2	ESE	1	12.0	22	-3	3	-6	51	-4	0	8	—	0	0	0	—
	RED SEA																									
145	TÔR	1016.7	NW	2	22.5	66	0	6	1019.1	+1.9	N	3	14.0	23	-1	10	-1	61	+1	0	6	—	0	0	40	6
146	HURGHÂDA								1018.3	+1.1	NW	3	19.6	24	-1	10	-3	56	+2	2	9	Cu	1	0	5	tr
147	QUSEIR	1017.0	N	3	23.7	60	0	7	1017.4	+0.7	W	1	20.3	24	-2	15	-2	53	+4	0	7	—	0	0	4	5
169	PORT SUDAN								1014.6	-0.2	N	4	26.2	29	0	24	+2	73	+5	5	—	—	—	tr	38	65
	NORTH SUDAN																									
165	WÂDI HALFA								1018.9	+0.6	N	1	12.9	26	-1	9	-2	45	-6	0	8	—	0	—	—	—
166	KAREIMA								1014.3	-1.7	N	2	20.9	33	+1	17	+2	27	-10	1	8	Ci	0	0	tr	1
167	'ATBARA								1012.4	-1.5	NE	3	23.0	32	0	19	+3	58	+20	8	—	—	0	0	1	1
168	KHARTÛM								1013.6	+0.5	NNW	4	24.3	34	0	20	+2	53	+17	2	8	Cs	2	0	2	5
170	KASSALA								1011.0	-0.8	ENE	2	25.1	37	+2	20	+1	61	+5	1	8	Ci	0	0	tr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.8	-0.8	NE	4	25.0	35	0	15	-3	53	+15	0	—	—	0	0	16	13
173	DUEIM								1011.8	-0.8	NW	4	24.6	36	+1	21	+5	57	+24	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1010.4	-0.8	NNW	2	24.9	39	+2	18	+1	40	-8	0	—	—	0	0	38	37
174	EL OBEID								1013.1	-1.5	N	3	21.0	33	+1	15	+2	34	-2	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	NE	1	15.0	35	+3	11	0	63	+29	0	—	—	0	0	32	8
	S. SUDAN																									
176	MALAKÂL								1010.8	-0.2	NNE	3	25.8	37	+1	19	+1	42	+7	0	8	—	1	0	47	93
177	WÂU								1009.9	-1.0	NW	1	23.0	37	+1	19	+1	60	-5	0	—	—	0	0	164	146
178	JÛBA								1012.8	+2.1	S	4	24.0	35	-1	20	0	75	+6	4	7	Cu	2	tr	163	133
179	Geneina								—	—	NE	2	15.1	33	—	11	—	39	—	2	8	Ac	0	0	14	—
180	Gallabat																									

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

Height metres above M.S.L.	W. Halfa 06h.00m. Dir E. of N	W. Halfa Kms per hour	Kareima 06h.00m. Dir	Kareima Kms	Khartum 05h.00m. Dir	Khartum Kms	Kassala 06h.00m. Dir	Kassala Kms	El Obeid 06h.00m. Dir	El Obeid Kms	Malakal 06h.00m. Dir	Malakal Kms	Geneina 07h.00m. Dir	Geneina Kms	Almaza [illegible]h.45m. Dir	Almaza Kms	Abukir 07h.00m. R.A.F. Dir	Abukir Kms	Heliopolis 07h.00m. R.A.F. Dir	Heliopolis Kms	Ramleh 07h.00m. R.A.F. Dir	Ramleh Kms	Amman 07h.00m. R.A.F. Dir	Amman Kms
200	0	10	—	—	—	—	—	—	—	—	—	—	—	—	230	14	120	14	140	10	140	23	—	—
500	40	24	50	45	0	48	—	—	—	—	30	32	—	—	220	19	100	18	130	5	190	10	—	—
1000	70	13	40	34	50	37	110	10	50	63	40	56	40	43	210	21	90	18	220	11	210	11	130	47
1500	110	3	40	35	90	32	120	5	70	39	40	42	70	40	200	17	250	14	200	14	180	14	150	50
2000	270	13	30	34	110	32	110	8	90	16	50	26	80	34					220	24	200	18	200	21
3000	330	11	30	21							80	31	320	10					220	31	250	29		
4000													110	13										
5000																								
6000																								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

STATION	Mean of day Humidity on 4th	Diff. from normal	Wet bulb temp. on 4th	Diff. from normal
Alexandria	55	-10	15.6	+1.9
Ezbekiya	75	+4	13.2	-0.5
Giza	75	-1	12.8	-0.5
Helwan	56	-3	12.2	+0.4

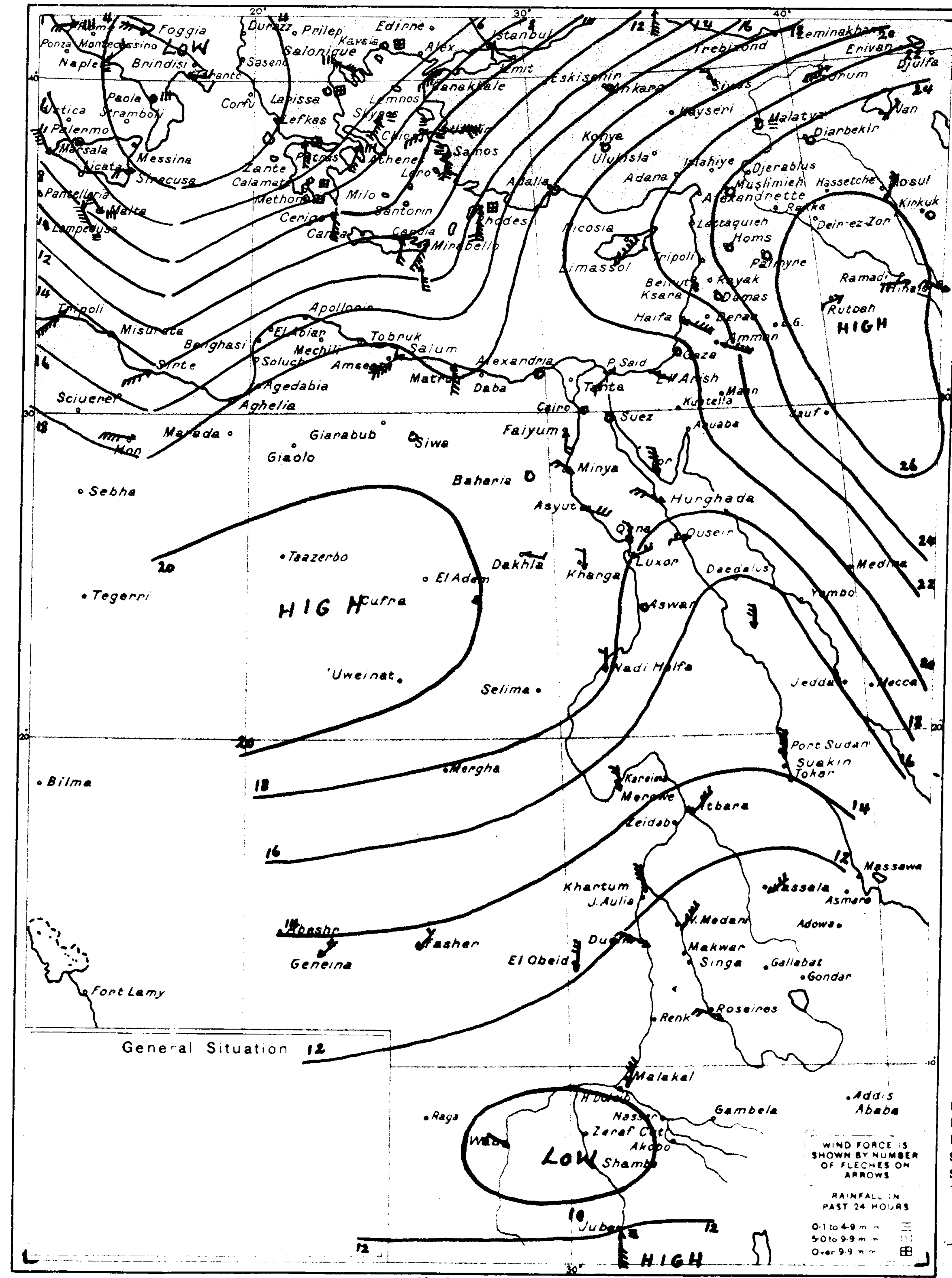
Giza Grass minimum on 5th 4.3 °C

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

DATE	1937	1936
5.12	1623	1619
4.12	1621	1619

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	5.12	13.78	+0.24	13.78	+0.23
Nâsser	5.12	9.71	-0.05	9.80	-0.01
Malakal	5.12	12.34	+0.12	12.34	+0.11
Roseires	5.12	13.45	+0.20	13.50	+0.32
Sennâr Res.	5.12	20.69	—	20.70	—
Khartûm	5.12	11.61	-0.16	11.54	-0.22
Kh. el Girba					
Atbara	5.12	10.96	-0.14	10.98	-0.13
Kajnarti	5.12	134.65	-0.26	134.63	-0.35
Wâdi Halfa					
Aswân Res.	5.12	117.70	—	117.66	—
D. S.	5.12	87.01	+0.08	87.02	+0.09
El Leisi	5.12	18.66	-0.67	18.47	-0.92
Rôda (Cairo)	5.12	16.00	-0.26	15.91	-0.38

Pressure and Wind at 8 h. 5-12-1937



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 4th — الساعة ٨ يوم 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	Total 3fr Oct. 1 to yesterday	Normal 3fr Oct. 1 to yesterday	مرصد
Limassol	1024	+7	NE	3	14	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1023.8	+7.5	WSW	4	15.6	23	+1	12	0	54	-10	0	—	—	—	0	252	126	حيفا
Gaza	1022.0	+5.5	—	0	11.3	22	0	8	-4	84	+12	0	9	—	0	0	150	56	غزة

Remarks

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
[redacted]

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

CAIRO

Time of sunrise 06h 38

sunset 16h 55

Month *December* 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT ١٩٣٧-١٢-٦

At 14h. on 5th — الساعة ١٤ يوم ٥ | At 8h. on Monday 6th — الساعة ٨ يوم ٦ الاثنين

No.	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. 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	1012.6	WSW	9	20.6	24	4	4	1019.4	+1.4	WSW	6	9.0	21	—	6	—	78	—	0	5	—	0	0	8	
131	MATRÛH	1014.8	SSW	3	19.9	57	4	6	1017.5	-0.8	WSW	3	12.2	21	0	11	-1	83	+9	0	6	—	0	0	42	44
150	DIKHEILA	1017.0	WNW	1	20.2	46	4	—	1018.3	—	W	3	18.8	21	—	11	—	67		4	—	—	—	0	30	
132	ALEXANDRIA	1015.6	W	1	20.2	40	3	8	1017.6	-0.9	SSW	5	15.5	23	+1	13	0	76	+2	4	7	Ab	2	0	51	48 X
159	DAMIETTA								1018.2	—	WSW	2	12.2	24	—	10	—	76		4	7	Cc	2	0	52	28
134	PORT SAÏD	1018.2	NE	2	21.0	57	0	8	1019.0	+1.8	SW	3	14.4	24	+3	13	-1	65	-10	3	7	Cu	2	0	36	17
135	EL 'ARÎSH	1016.0	—	0	24.2	53	4	7	1019.4	—	—	0	15.7	25	—	11	—	72	—	4	7	St	4	0	44	17
136	LOWER EGYPT DAMANHÛR								1018.8	+0.4	SW	2	12.0	23	0	10	-1	55	-30	3	8	Cb	1	0	45	22
137	MANSÛRA								1018.3	—	S	1	11.1	23	0	9	-2	73	-8	2	5	Ac	1	0	74	9
138	TANTA																									7
139	ZAGÂZÎG	1016.0	SW	1	21.8	47	2	8	1019.8	—	SW	2	13.8	22	-1	9	-1	66	-16	1	7	Cs	1	0	27	4
141	MIDDLE EGYPT CAIRO ALMÂZA								1019.6	—	SSE	4	15.6	22		9		54		3	7	As	2	0	32	—
	EZBEKÎYA	1015.9	NNE	2	21.3	46	4	8	1019.5	+0.8	ENE	2	13.2	23	+1	9	-2	66	-15	4	6	Sc	1	0	14	5
	GÎZA	1015.8	SSE	2	22.0	46	4	7	1019.5	+0.2	S	4	12.8	24	+2	7	-2	65	-20	4	6	St	2	0	54	5
143	HELWÂN	1015.8	SSW	2	20.4	38	4	8	1019.5	+1.2	SE	1	15.0	21	0	11	0	42	-27	4	6	Cs	2	0	24	5
144	SUEZ	1015.9	SSE	2	21.0	59	2	8	1019.1	+0.9	SE	2	15.0	22	-1	9	-4	67	-8	1	7	As	1	0	25	9
153	UPPER EGYPT FAIYÛM								1020.6	+1.8	S	2	11.2	24	+1	7	-3	61	-14	4	6	Cc	0	0	dr	2
154	MINYA	1017.5	N	2	22.0	43	1	6	1020.7	+1.7	NNW	2	12.5	23	+1	7	-3	65	-15	1	7	Cu	1	0	dr	
155	ASYÛT	1016.7	SE	3	23.2	46	0	8	1020.8	+1.5	ESE	3	12.0	25	+2	7	-2	67	-5	0	7	—	0	0	0	3
156	QENA	—	WSW	1	26.0	—	0	8	1020.0	+2.0	WNW	2	11.5	27	+1	9	-1	64	+1	3	7	Cs	1	0	0	—
157	LUXOR	1015.6	W	1	25.2	45	0	8	1019.4	—	ENE	2	13.2	26		5		74		2	8	As	1	0	dr	—
158	ASWÂN	1014.4	N	1	26.3	31	0	8	1019.8	+1.9	—	0	15.3	28	+1	10	-2	40	-11	0	8	—	0	0	dr	—
148	WESTERN DESERT SÎWA	1014.3	S	1	22.7	66	2	6	1020.0	+0.7	—	0	10.3	25	+3	6	-1	72	+2	0	6	—	0	0	dr	2
149	BAHARÎYA	1016.2	S	1	22.2	42	1	9	1020.3		N	1	13.0	27		5		55		2	9	—	1	0	0	
151	KHÂRGA	1017.6	N	1	20.8	53	0	9	1020.8	+2.5	—	0	10.8	22	-4	3	-6	61	-3	0	9	—	0	0	0	dr
152	DÂKHLA	1017.1	SSE	1	22.0	29	0	8	1021.2	+1.5	—	0	8.8	22	-3	4	-4	45	-10	0	8	—	0	0	0	—
145	RED SEA TÔR	1015.8	NW	2	24.5	55	0	6	1018.6	+1.3	N	2	14.1	26	+2	10	-1	66	+5	0	6	—	0	0	40	6
146	HURGHÂDA								1018.8	+1.6	NNW	3	19.6	25	0	12	-1	53	-2	2	8	Ci	1	0	5	dr
147	QUSEIR	1015.9	N	2	23.3	61	0	7	1017.2	+0.5	W	1	22.9	25	-1	17	0	47	-2	0	7	—	0	0	4	5
169	PORT SUDAN								1015.0	+0.2	N	3	26.8	30	+1	23	+1	82	+14	3	—	—	1	3	41	66
165	NORTH SUDAN WÂDI HALFA								1020.5	+2.1	NNW	1	12.9	28	+1	9	-1	40	-11	0	7	—	0	—	—	—
166	KAREIMA								1016.3	+0.2	NE	2	21.7	34	+2	18	+3	36	-1	0	8	—	0	0	dr	1
167	'ATBARA								1014.6	+0.6	NE	3	24.0	34	+2	19	+3	54	+16	0	—	—	0	0	1	1
168	KHARTÛM								1013.8	+0.6	NNE	4	24.7	35	+1	19	+2	34	-2	0	8	—	0	0	2	5
170	KASSALA								1011.6	-0.3	ENE	2	25.0	38	+3	24	+5	61	+5	0	8	—	0	0	dr	11
171	CENTRAL SUDAN WAD MEDANI								1012.8	+0.1	WNW	4	25.4	36	+1	21	+4	49	+11	0	—	—	0	0	14	13 12
173	DUEIM																									
	RENK																									
172	ROSEIRES								1010.8	-0.4	NW	2	24.5	39	+2	17	0	39	-7	0	—	—	0	0	38	37
174	EL OBEID								1012.5	-1.2	N	4	28.8	34	+2	17	+4	36	0	0	8	—	0	0	8	17
175	EL FÂSHER								—	—	N	2	17.0	35	+3	?7	+2	65	+31	0	—	—	0	0	32	8
176	S. SUDAN MALAKÂL								1011.2	+0.1	N	4	27.0	37	+1	23	+5	37	+2	3	8	Ac	2	0	47	93
177	WÂU								1010.7	-0.2	N	2	23.0	38	+2	19	+1	63	-2	2	—	—	0	0	164	146
178	JÛBA								1011.8	+1.0	SSE	2	24.9	38	+2	20	0	54	-1?	4	8	Ci, Cu	2	dr	163	133
179	Geneina								—	—	NE	1	14.2	35	—	11	—	47	—	0	8	—	0	0	14	—
180	Gallabat																									

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

Height metres above M.S.L.	W. Halfa 06h 00m Dir E. of N	Kms per hour	Kareima 06h 00m Dir	Kms per hour	Khartum 06h 00m Dir	Kms per hour	Kassala 06h 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	Abukir 07h 00m R.A.F. Dir	Kms per hour	Heliopolis 07h 00m R.A.F. Dir	Kms per hour	Almaza 11h 15m Dir	Kms per hour
200	30	6	—	—	—	—	—	—	—	—	—	—	—	—	270	31	190	42	200	24
500	20	43	50	50	10	53	—	—	—	—	40	27	—	—	290	43	240	31	230	26
1000	0	26	30	50	10	47	130	11	30	56	40	53	220	26	280	53	270	37	280	27
1500	10	5	20	42	10	39	60	13	30	39	30	47	170	35	250	53	260	26	260	30
2000	250	5	20	21	130	8	70	11	0	18	40	21	170	55	250	66	260	31	270	39
3000	300	27			170	10	110	10			60	16			tail		240	43		
4000	280	23																		
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. on	Diff. from Normal
Alexandria	63	-2	13.3	-0.3
Ezbekiya	73	+2	12.1	-1.4
Giza	78	+1	11.3	-1.8
Helwan	47	-12	10.8	-0.9

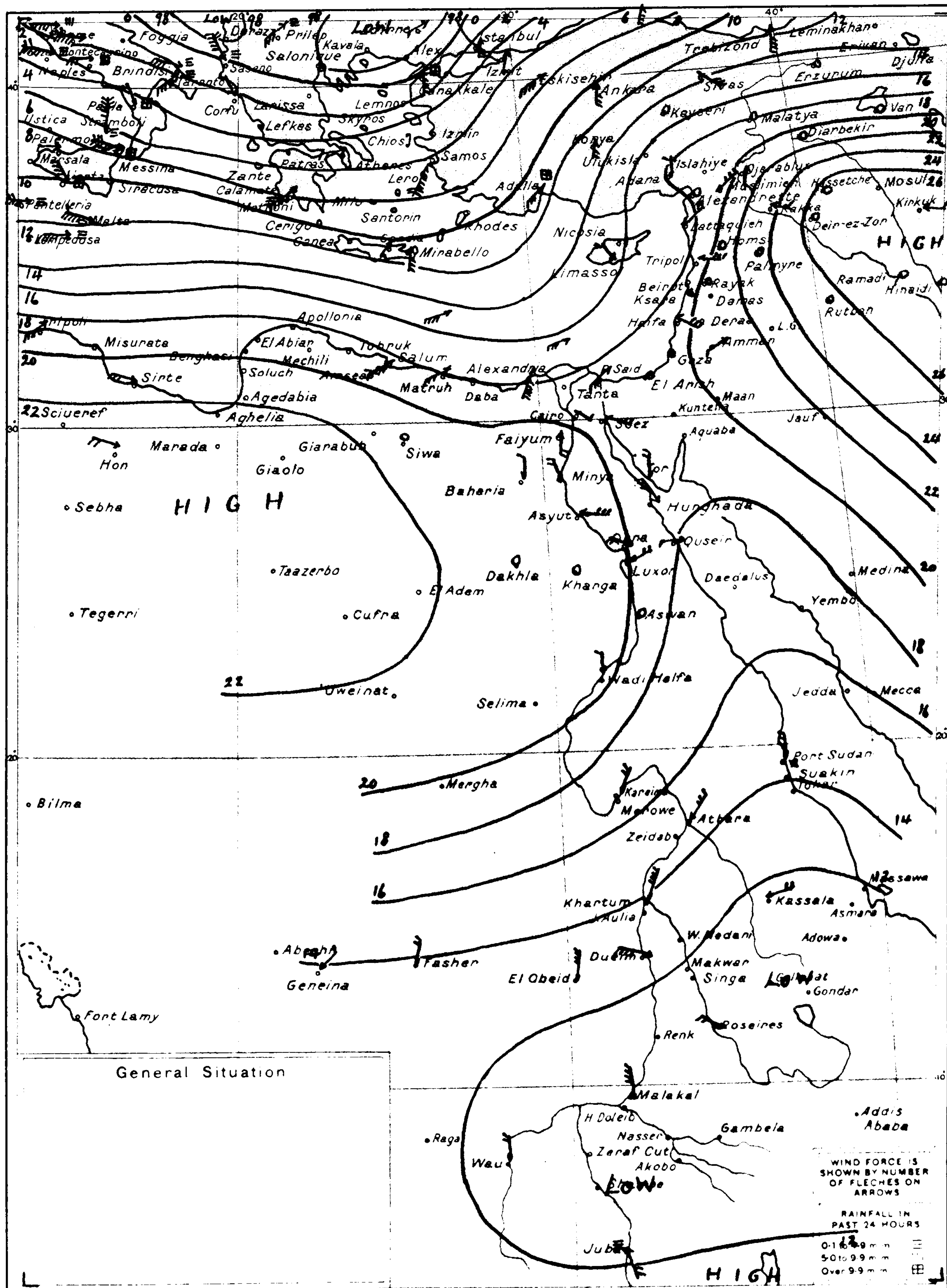
Giza Grass minimum on 6th 9.1 °C

Discharges at Aswan measured by sluices m^3 per sec

DATE	1937	1936
6.12	1623	1620
5.12	1623	1619

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	6.11	13.76	+0.13	13.78	+0.24
Nâsser	6.12	9.61	-0.10	9.71	-0.05
Malakal	6.12	12.34	+0.12	12.34	+0.12
Roseires	6.12	13.40	+0.17	13.45	+0.20
Sennâr Res.	6.12	20.61	—	20.61	—
Khartûm	6.12	11.67	-0.11	11.61	-0.16
Kh. el Girba					
'Atbara	6.12	10.94	-0.15	10.96	-0.14
Kajnarti	6.12	134.67	-0.21	134.65	-0.26
Wâdi Halfa					
Aswân Res.	6.12	117.70	—	117.70	—
D.S.	6.12	87.01	+0.08	87.01	+0.08
El Leisi	6.12	18.72	-0.56	18.66	-0.62
Rôda (Cairo)	6.12	15.95	-0.28	16.00	-0.26

Pressure and Wind at 8h. 6-12-1937



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 5th — الساعة ٨ يوم ٥

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
Limassol	1020	+3	NE	4	17	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1020.3	+4.0	ESE	5	15.0	23	+1	13	+1	53	-12	4	—	—	—	0	252	132	حيفا
Gaza	1018.4	+1.8	—	0	14.0	24	+2	10	-1	74	+2	0	9	—	0	0	150	59	غزة

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

Printed by the Survey of Egypt 1936 (36/500)

CAIRO
Time of sunrise 06 h. 39 m.
sunset 16 h. 55 m.

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

Month December, 1937 — ١٩٣٧ شهر ديسمبر

DAILY WEATHER REPORT ١٩٣٧-١٢-٧

At 14h. on 6th — الساعة ١٤ يوم ٦ | At 8h. on Tuesday 7th — الساعة ٨ يوم الثلاثاء 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	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	Rainfall Total fr. Oct. 1 to yesterday	Rainfall Normal fr. Oct. 1 to yesterday
130	Mediterranean	SALÛM	1019.4	WSW	6	19.8	45	0	8	1023.8	+5.8	WSW	5	8.0	20	—	7	—	68	—	0	7	—	1	0	8	—
131	Mediterranean	MATRÛH	1019.0	WNW	4	19.3	57	0	6	1021.4	+3.1	WSW	2	12.4	20	-1	11	0	88	+14	0	6	—	1	0	42	45
150	Mediterranean	DIKHEILA	1019.4	W	2	20.0	66	2	—	1022.6	—	WSW	2	14.1	21	—	11	—	74	—	2	—	—	—	0	30	—
132	Mediterranean	ALEXANDRIA	1019.0	W	4	20.8	62	2	9	1022.3	+3.8	—	0	17.2	22	0	13	0	72	+2	3	8	Ci	2	0	51	50
159	Mediterranean	DAMIETTA								1022.2	—	WSW	2	13.9	23	—	10	—	85	—	0	6	Ci	1	0	52	29
134	Mediterranean	PORT SAÏD	1018.8	NW	4	20.5	64	1	8	1022.4	+5.2	SW	2	15.4	22	+1	14	0	69	-6	0	8	—	1	0	36	17
135	Mediterranean	EL ʿARÎSH	1018.6	—	0	21.2	64	4	7	1021.4	—	—	0	15.0	22	—	11	—	86	—	0	7	—	0	0	44	18
136	Lower Egypt	DAMANHÛR								1023.0	+4.6	SW	1	12.2	19?	-4	10	-1	78	-7	0	7	—	0	0	45	23
137	Lower Egypt	MANSÛRA								1022.2	—	NW	1	13.1	23	0	10	-1	78	-3	0	8	Ci	1	0	74	9
138	Lower Egypt	TANTA								1022.7	+4.1	—	0	11.0	21	-2	8	-2	94	+12	0	6	—	0	0	46	7
139	Lower Egypt	ZAGÂZÎG	1019.2	SW	1	21.8	53	0	8	1023.4	—	SW	1	15.4	22	-1	8	-2	76	-6	0	8	—	1	0	27	5
141	Middle Egypt, Cairo	ALMÂZA	1019.8	S	3	21.0	27	1	8	1023.0	—	ESE	2	13.7	21	—	7	—	77	—	0	7	—	0	0	32	—
	Middle Egypt, Cairo	EZBEKÎYA	1019.5	SW	3	22.7	38	1	9	1023.2	+4.5	—	0	12.5	24	+2	9	-1	96	+15	6	4	—	1	0	14	5
	Middle Egypt, Cairo	GÎZA	1019.0	SSW	1	22.7	35	2	9	1023.2	+3.8	—	0	10.1	23	+1	6	-3	95	+10	8	4	—	0	0	54	5
143	Middle Egypt	HELWÂN	1019.4	SSW	2	20.2	39	1	8	1023.1	+4.7	—	0	11.0	21	0	10	-1	87	+18	0	5	—	0	0	24	5
144	Middle Egypt	SUEZ	1018.7	SSE	2	22.4	47	1	8	1021.6	+3.3	NNE	2	12.4	23	0	10	-2	88	+13	0	6	—	1	0	25	9
153	Upper Egypt	FAIYÛM	1019.4	NW	1	22.2	36	1	8	1023.2	+4.4	—	0	12.8	25	+2	6	-4	65	-10	0	5	—	0	0	dr	2
154	Upper Egypt	MINYA	1019.0	SW	2	22.7	36	0	6	1023.2	+4.2	NNW	1	11.0	24	+2	8	-2	63	-17	0	5	—	0	0	dr	—
155	Upper Egypt	ASYÛT	1020.2	WSW	3	21.2	44	0	8	1023.0	+3.6	WSW	3	10.0	23	+1	7	-2	68	-4	0	7	—	0	0	0	3
156	Upper Egypt	QENA	1017.9	WSW	1	26.0	33	2	8	1020.4	+2.3	W	1	13.8	27	+2	8	-2	55	-8	3	7	Ci	2	0	0	—
157	Upper Egypt	LUXOR	1017.1	NE	3	25.1	26	2	8	—	—	ESE	1	11.7	27	—	6	—	64	—	2	7	Ci	1	0	dr	—
158	Upper Egypt	ASWÂN	1016.8	NNW	2	25.5	15	0	8	1019.9	+1.9	N	2	13.3	26	-1	10	-2	52	+1	1	8	Ci	2	0	dr	—
148	Western Desert	SÎWA	1020.3	NW	1	20.1	74	0	6	1024.6	+5.3	—	0	8.1	20	-2	3	-4	77	+7	0	6	—	0	0	dr	2
149	Western Desert	BAHARÎYA	1019.8	NW	2	20.0	33	0	9	1022.4		—	0	12.1	26	—	4	—	60	—	0	9	—	1	0	0	
151	Western Desert	KHÂRGA	1019.5	N	1	21.2	51	0	9	1022.0	+3.7	N	3	14.2	21?	-5	9	0	65	+1	0	9	—	0	0	0	dr
152	Western Desert	DÂKHLA	1019.5	NNW	1	22.5	20	0	8																		
145	Red Sea	TOR	1015.8	NW	4	24.0	56	0	6	1019.2	+1.9	N	3	14.2	25	+1	10	-1	60	-1	0	6	—	0	0	40	6
146	Red Sea	HURGHÂDA								1019.4	+2.2	NW	3	18.1	25	0	13	0	59	+4	3	7	Cc	1	0	tr	dr
147	Red Sea	QUSEIR	1016.0	NNE	2	24.1	66	0	7	1019.2	+2.4	NW	3	20.8	26	0	18	+1	37	-12	1	7	Ci	1	0	4	5
169	Red Sea	PORT SUDAN								1015.1	+0.2	NE	2	28.0	31	+2	24	+2	79	+11	3	—	—	1	dr	41	67
165	North Sudan	WÂDI HALFA								1020.4	+1.9	N	4	12.7	29	+2	11	+1	34	-17	2	8	Ci	0	—	—	
166	North Sudan	KAREIMA								1014.8	-1.3	NE	4	20.9	33	+1	17	+2	20	-17	0	8	—	0	0	dr	1
167	North Sudan	ʿATBARA								1013.8	-0.2	N	3	23.7	33	+1	19	+3	55	+17	0	—	—	0	0	1	1
168	North Sudan	KHARTÛM								1013.8	+0.5	NW	4	23.4	34	0	18	+1	31	-5	0	7	—	0	0	2	5
170	North Sudan	KASSALA								1010.6	-1.4	ESE	2	24.2	36	+1	18	0	60	+4	0	8	—	0	0	dr	11
171	Central Sudan	WAD MEDANI								1012.2	-0.5	NNE	3	24.0	36	+1	18	+1	39	0	0	—	—	0	0	16	13
173	Central Sudan	DUEIM								1011.8	-0.9	W	4	25.2	36	+1	20	+4	51	+18	0	—	—	0	0	14	12
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1010.3	-1.0	NNW	2	24.8	39	+2	17	+1	35	-12	0	—	—	0	0	38	37
174	Central Sudan	EL OBEID								1013.5	-1.3	N	3	20.9	34	+2	17	+4	27	-9	0	8	—	0	0	8	19
175	Central Sudan	EL FÂSHER								—	—	NW	1	17.5	36	+4	13	+3	61	+27	0	—	—	0	0	32	8
176	S. Sudan	MALAKÂL								1010.6	-0.5	ENE	3	25.0	37	+1	17	-1	34	-1	0	8	—	1	0	47	93
177	S. Sudan	WÂU								1011.1	+0.2	N	3	23.0	38	+3	19	+1	56	-9	0	—	—	0	0	164	146
178	S. Sudan	JÛBA								1011.7	+0.9	E	2	23.8	38	+2	19	-1	53	-16	0	7	—	0	0	163	134
179		Geneina								—	—	NE	3	17.8	35	—	14	—	20	—	4	8	Cs	1	0	14	—
180		Gallabet																									

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

Dir. E. of N / Kms per hour

Height metres above M.S.L.	Salum 06h.30m Dir	Kms	Matruh 07h00m Dir	Kms	Cairo 08h15m Dir	Kms	Helwan 09h00m Dir	Kms	Asyut 07h00m Dir	Kms	Aswan 07h00m Dir	Kms	W.Halfa 06h00m Dir	Kms	Kareima 06h00m Dir	Kms	Khartum 05h00m Dir	Kms	Kassala 06h00m Dir	Kms	El Obeid 06h00m Dir	Kms	Malakal 06h00m Dir	Kms	Juba 06h00m Dir	Kms	Geneina 07h00m Dir	Kms	Heliopolis 07h00m RAF Dir	Kms
200	270	21	280	48	20	11	0	20	—	—	—	—	10	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	340	14
500	260	34	280	43	0	19	60	24	0	37	190	40	30	48	30	47	10	40	—	—	—	—	20	43	—	—	—	—	0	18
1000	250	18	260	18	50	16	60	25	350	39	250	—	20	32	40	32	30	37	100	13	30	72	30	60	140	10	40	47	40	16
1500	260	19			60	23	310	17	0	27	220	31	50	18	40	27	100	16	70	26	50	37	30	51	150	35	70	60	20	11
2000	250	31					270	32	320	33	160	6	30	19	30	19	100	31	340	3	110	19	40	34	150	29	70	69	310	21
3000													220	21			170	16	190	8					180	40	60	34	280	34
4000																			90	26										
5000																			100	11										
6000																														

Forecast for 24 hours from noon on 7th.

On the coast moderate to fresh west to southwest winds. Inland light north to northeast winds becoming moderate later.
Clear or occasional low cloud.
Temperature about normal.

تنبؤات الطقس لمدة ٢٤ ساعة من ظهر يوم ٧
رياح بين غربية وجنوبية غربية معتدلة والشديدة على الساحل.
رياح خفيفة بين شمالية وشمالية شرقية تصير معتدلة في الداخل.
السماء صحو او يظهر بها بعض السحب المنخفضة احيانا.
ودرجة الحرارة حول المعدل.

Station	Mean of day Humidity % 6th	Diff from normal	Wet bulb temp °C on 6th	Diff from normal
Alexandria	62	-3	14.6	+1.2
Ezbekiya	63	-8	12.5	-0.8
Giza	66	-11	12.1	-0.9
Helwan	38	-22	10.6	-1.0

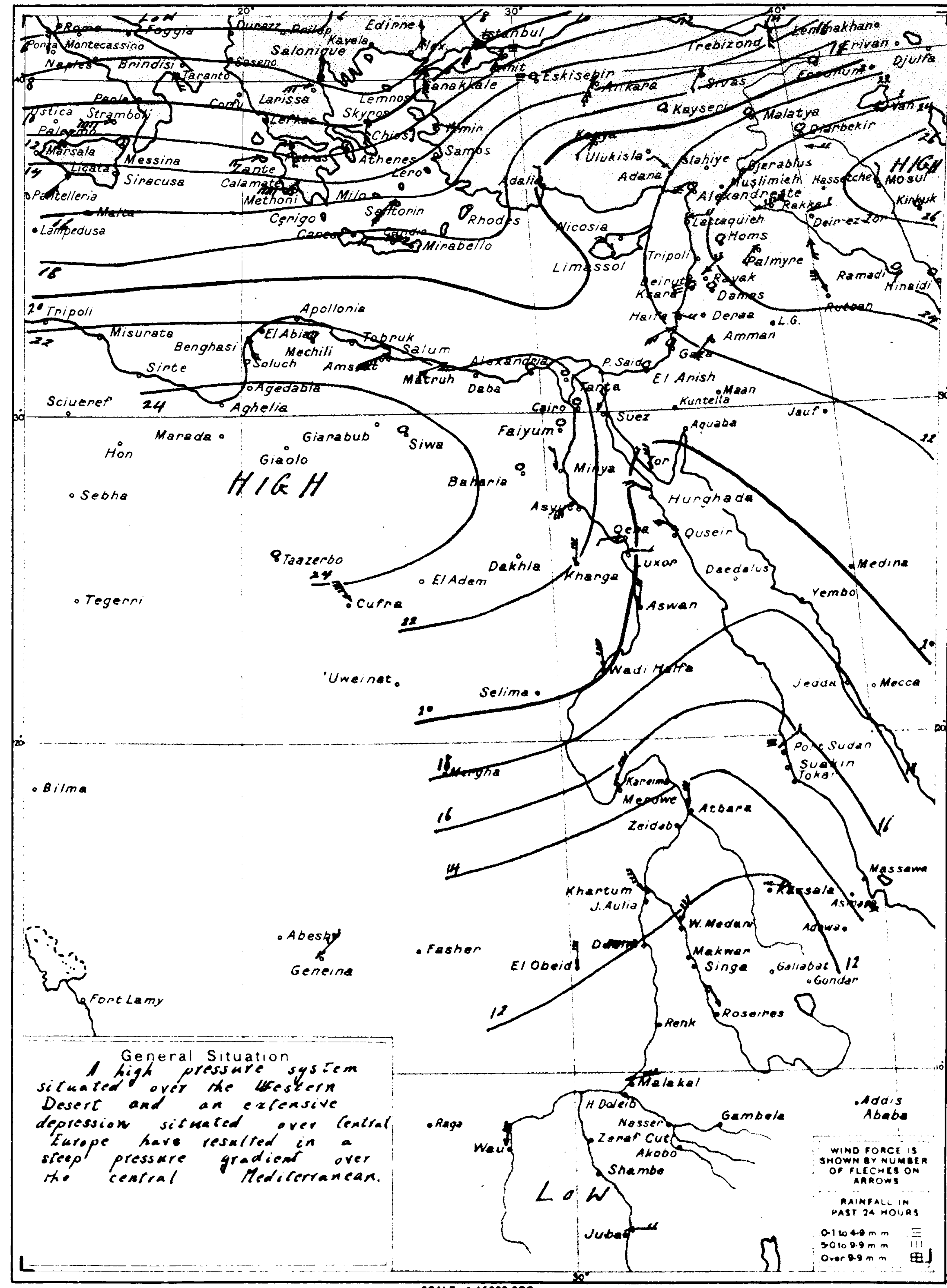
Giza Grass minimum on 7th 3.8 °C

Discharges at Aswân measured by sluices m³ per sec.

Date	1937	1936
7-12	1622	1619
6-12	1623	1620

Gauge	Date 1937	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Jûba	6-12	13.76	+0.22	13.78	+0.24
Nâsser	6-12	9.61	-0.10	9.71	-0.05
Malakâl	7-12	12.32	+0.12	12.34	+0.13
Roseires	7-12	13.36	+0.18	13.40	+0.17
Sennâr Res.	6-12	20.68	—	20.69	—
Khartûm	6-12	11.67	-0.11	11.61	-0.16
Kh. el Girba	—	—	—	—	—
Atbara	6-12	10.94	-0.15	10.96	-0.14
Kajnarti	7-12	134.67	-0.18	134.67	-0.21
Wâdi Halfa	—	—	—	—	—
Aswân Res.	7-12	119.69	—	119.70	—
D.S.	7-12	87.01	+0.08	87.01	+0.08
El Leisi	7-12	18.76	-0.44	18.72	-0.56
Rôda (Cairo)	7-12	15.95	-0.25	15.95	-0.28

Pressure and Wind at 8h. 7-12-1937



SCALE 1:15,000,000

General Situation

A high pressure system situated over the Western Desert and an extensive depression situated over Central Europe have resulted in a steep pressure gradient 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

At 8h. on 6th — الساعة ٨ يوم

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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	مرصد
Limassol	1016	-1	NW	1	16	—	—	—	—	—	—	3	—	—	—	—	—	—	ليماسول
Haifa	1019.1	+2.8	ESE	3	15.9	24	+2	13	+1	58	-7	3	—	—	—	0	252	139	حيفا
Gaza	1019.0	+2.4	—	0	13.8	25	+3	11	0	67	-5	2	5	—	1	0	150	63	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. 40 m.

sunset 16 h. 55 m.

Month **December** 1937 ١٩٣٧ ديسمبر شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	Region	Station	At 14h. on 7th: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Wednesday 8th: 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	1022.7	WSW	6	18.3	31	0	9	1026.0	+8.1	WNW	5	7.8	19	—	6	—	56	—	2	7	Ci	1	0	8	—
131	Mediterranean	MATRÛH	1022.4	NW	2	19.0	—	1	6	1025.0	+6.7	SSW	1	12.2	21	0	9	−2	—	—	1	6	—	1	0	42	46
150	Mediterranean	DIKHEILA	1022.6	WNW	2	20.9	61	1	8	1024.4	—	SSE	2	15.1	21	—	13	—	73	—	4	6	Sc	1	0	30	—
132	Mediterranean	ALEXANDRIA	1022.4	W	2	20.9	51	2	9	1024.8	+6.2	—	0	16.0	23	+2	15	+2	80	+6	4	6	Cb	2	dr	51	52
159	Mediterranean	DAMIETTA								1024.3	—	—	0	15.8	24	—	10	—	94	—	1	6	Cu	1	0	52	30
134	Mediterranean	PORT SAÏD	1021.6	SW	2	22.2	61	0	8	1023.8	+6.5	SW	2	18.2	23	+2	15	+2	80	+5	2	6	Cu	2	0	36	18
135	Mediterranean	EL 'ARÎSH	1021.0	WNW	1	20.5	81	1	7	1024.0	—	—	0	17.2	22	—	11	—	72	—	0	7	—	0	0	44	18
136	Lower Egypt	DAMANHÛR								1025.1	+6.7	W	1	12.9	25	+2	11	+1	93	+8	1	6	Ci	0	0	45	24
137	Lower Egypt	MANSÛRA								1024.0	—	NW	1	14.5	23	0	13	+3	86	+5	0	8	—	0	0	74	10
138	Lower Egypt	TANTA	1021.8	NNW	2	23.0	52	2	6	1024.4	+5.8	—	0	13.0	24	+2	9	−1	95	+13	0	6	—	0	0	46	8
139	Lower Egypt	ZAGÂZÎG	1022.2	NW	1	21.0	56	4	8	1024.4	—	NNW	1	14.9	21	−2	10	+1	88	+6	0	8	—	0	0	27	5
141	Middle Egypt (Cairo)	ALMÂZA	1021.6	NE	3	21.6	46	3	8	1023.8	—	ESE	2	12.9	22	—	7	—	87	—	2	7	St	4	0	32	—
	Middle Egypt (Cairo)	EZBEKÎYA	1021.6	NE	3	22.5	56	2	8	1024.0	+5.2	NNW	1	12.2	23	+1	11	+1	98	+17	8	4	—	4	0	14	6
	Middle Egypt (Cairo)	GÎZA	1021.0	N	1	22.1	56	2	8	1024.3	+4.9	NNW	1	11.3	22	0	9	0	99	+15	8	3	St	4	0	54	5
143	Middle Egypt	HELWÂN	1021.6	N	3	21.0	44	2	7	1023.5	+5.0	NNE	3	14.4	21	0	11	0	90	+21	0	5	—	0	0	24	5
144	Middle Egypt	SUEZ	1021.0	N	3	20.6	58	0	7	1023.9	+5.4	NW	2	15.1	21	−2	11	−1	84	+9	0	6	—	1	0	25	10
153	Upper Egypt	FAIYÛM	1021.5	N	2	21.5	46	1	8	1024.0	+5.1	NNE	1	14.2	23	0	9	0	77	+2	0	7	—	0	0	dr	2
154	Upper Egypt	MINYA	1020.6	NNW	3	20.3	49	0	6	1022.4	+3.3	N	3	13.0	21	0	8	−1	80	0	0	5	—	0	0	dr	—
155	Upper Egypt	ASYÛT	1020.4	NSW	4	20.8	35	0	8	1022.8	+3.4	WNW	3	11.0	23	+1	8	−1	81	+9	0	6	—	0	0	0	3
156	Upper Egypt	QENA	1018.2	WSW	1	25.0	30	1	8	1020.8	+2.6	WNW	3	11.0	26	+1	8	−2	87	+24	0	8	—	0	0	0	—
157	Upper Egypt	LUXOR	1017.8	NNE	2	27.0	31	1	8	1019.9	—	ESE	3	13.3	28	—	5	—	70	—	0	7	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1016.4	N	2	25.0	25	1	8	1020.0	+2.0	N	1	14.0	25	−1	11	−1	57	+6	0	8	—	0	0	dr	—
148	Western Desert	SÎWA	1022.2	WSW	1	20.0	72	0	6	1023.9	+4.5	—	0	6.8	21	−1	1	−6	59	−11	0	6	—	0	0	dr	2
149	Western Desert	BAHARIYA	1022.2	N	1	20.5	76	0	9	1025.1		—	0	10.9	25	—	4	—	55	—	0	9	—	0	0	0	—
151	Western Desert	KHÂRGA	1020.0	N	3	22.0	53	0	9	1022.3	+3.9	—	0	14.0	22	−4	9	+1	76	+12	0	9	—	0	0	0	dr
152	Western Desert	DÂKHLA	1021.6	NNW	1	20.9	22	0	8																		
145	Red Sea	TOR	1017.6	NW	6	22.5	78	0	5	1019.8	+2.4	N	2	14.5	24	0	14	+3	64	+3	0	6	—	0	0	40	6
146	Red Sea	HURGHADA								1020.4	+3.1	WNW	3	18.5	24	−1	13	+1	70	+15	0	9	—	0	0	tr	dr
147	Red Sea	QUSEIR	1017.5	NNW	4	24.0	45	2	7	1019.0	+2.2	WNW	2	20.9	25	0	17	0	38	−11	0	7	—	0	0	4	5
169	Red Sea	PORT SUDAN								1015.1	+0.2	E	4	28.5	31	+2	25	+3	69	+1	4	—	—	2	0	41	68
165	North Sudan	WADI HALFA								1019.7	+1.2	NE	4	13.4	26	0	11	+1	42	−9	0	8	—	0	—	—	
166	North Sudan	KAREIMA								1014.7	−1.5	NNE	3	21.6	32	0	19	+5	36	−1	0	8	—	0	0	dr	1
167	North Sudan	'ATBARA																									1
168	North Sudan	KHARTÛM								1013.5	+0.1	NW	4	23.0	35	+1	19	+2	44	+8	2	7	Cs	0	0	2	5
170	North Sudan	KASSALA								1011.0	−1.0	ENE	1	23.5	38	+3	18	0	59	+3	0	8	—	0	0	dr	11
171	Central Sudan	WAD MEDANI								1011.1	−1.6	NNW	2	22.0	35	0	18	+1	42	+3	1	—	—	0	0	16	13
173	Central Sudan	DUEIM								1011.1	−1.7	W	2	24.0	35	0	19	+3	48	+15	0	—	—	0	0	14	12
182	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1009.5	−1.8	WNW	1	22.7	39	+2	18	+2	48	+1	0	—	—	1	0	38	37
174	Central Sudan	EL OBEID								1013.3	−1.5	NNW	4	19.0	33	+1	16	+4	30	−6	3	8	Ci	1	0	8	19
175	Central Sudan	EL FÂSHER								—	—	N	2	15.0	35	+3	9	−1	53	+19	0	—	—	0	0	32	8
176	S. Sudan	MALAKAL								1010.4	−0.7	NE	3	25.0	37	+1	19	+1	40	+6	2	8	Ac	1	0	47	93
177	S. Sudan	WAU								1010.8	−0.2	NW	1	23.5	38	+3	20	+2	43	−21	0	—	—	0	0	164	146
178	S. Sudan	JÛBA								1010.9	+0.1	SSE	4	24.1	38	+2	19	−1	67	−1	8	4	Sc, Ci	1	0	163	134
179		Geneina								—	—	N	4	14.8	33	—	13	—	13		4	8	As	1	0	14	
180		Gallabat																									

الساعة ١٤ يوم ٧ — الساعة ٨ يوم الاربعاء ٨

Upper Wind Observations on 8th

ارصاد الرياح العليا يوم ٨

Height metres above M.S.L.	Salum 08h 00m Dir E of N	Kms per hour	Matruh 07h 00m Dir	Kms	Dikheila 07h 30m Dir	Kms	Cairo 08h 30m Dir	Kms	Helwan 08h 30m Dir	Kms	Asyut 07h 00m Dir	Kms	Aswan 07h 00m Dir	Kms	W. Halfa 06h 00m Dir	Kms	Kareima 06h 00m Dir	Kms	Khartum 05h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Juba 06h 00m Dir	Kms	Salum 7th 13h 15m Dir	Kms	Almaza 7th 11h 15m Dir	Kms
200	300	28	270	10	310	12	30	27	40	16	—	—	—	—	10	21	—	—	—	—	—	—	—	—	—	—	250	35	350	11
500	300	1	300	18	300	15	40	37	40	36	0	43	20	36	30	37	40	39	350	35	—	—	10	43	—	—	250	31	340	13
1000	270	7	330	7	290	14	50	30	40	43	10	38	60	28	60	35	20	35	40	50	100	31	20	56	270	18	250	27		
1500	270	4	280	14			50	43	60	49			40	13	50	24	50	21	40	45	60	19	30	45	190	34	260	17		
2000	10	9	290	9					30	28			0	22	70	13	40	18	40	31	60	14	60	32	180	48	230	38		
3000	Tail.								210	4.			20	12	50	10			0	14					140	40	Tail.			
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 8th

On the coast light to moderate winds chiefly northwesterly.

Inland light northeasterly winds freshening later.

Occasional low cloud.

Temperature remaining about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٨

رياح بين الخفيفة والمعتدلة غالبها شمالية غربية على الساحل ورياح خفيفة

شمالية شرقية ثم تشتد بعد ذلك بالداخل.

يظهر سحاب منخفض أحياناً.

تستمر درجة الحرارة حوالي المعدل.

Station	Mean of day: Humidity 7th	Diff. from normal	Wet bulb temp. 7th	Diff. from normal
Alexandria	63	−2	14.4	+1.1
Ezbekiya	78	+7	14.3	+1.1
Giza	87	+10	12.8	−0.1
Helwan	67	+7	12.4	+0.9
Giza Grass minimum 8th			6.7 °C	

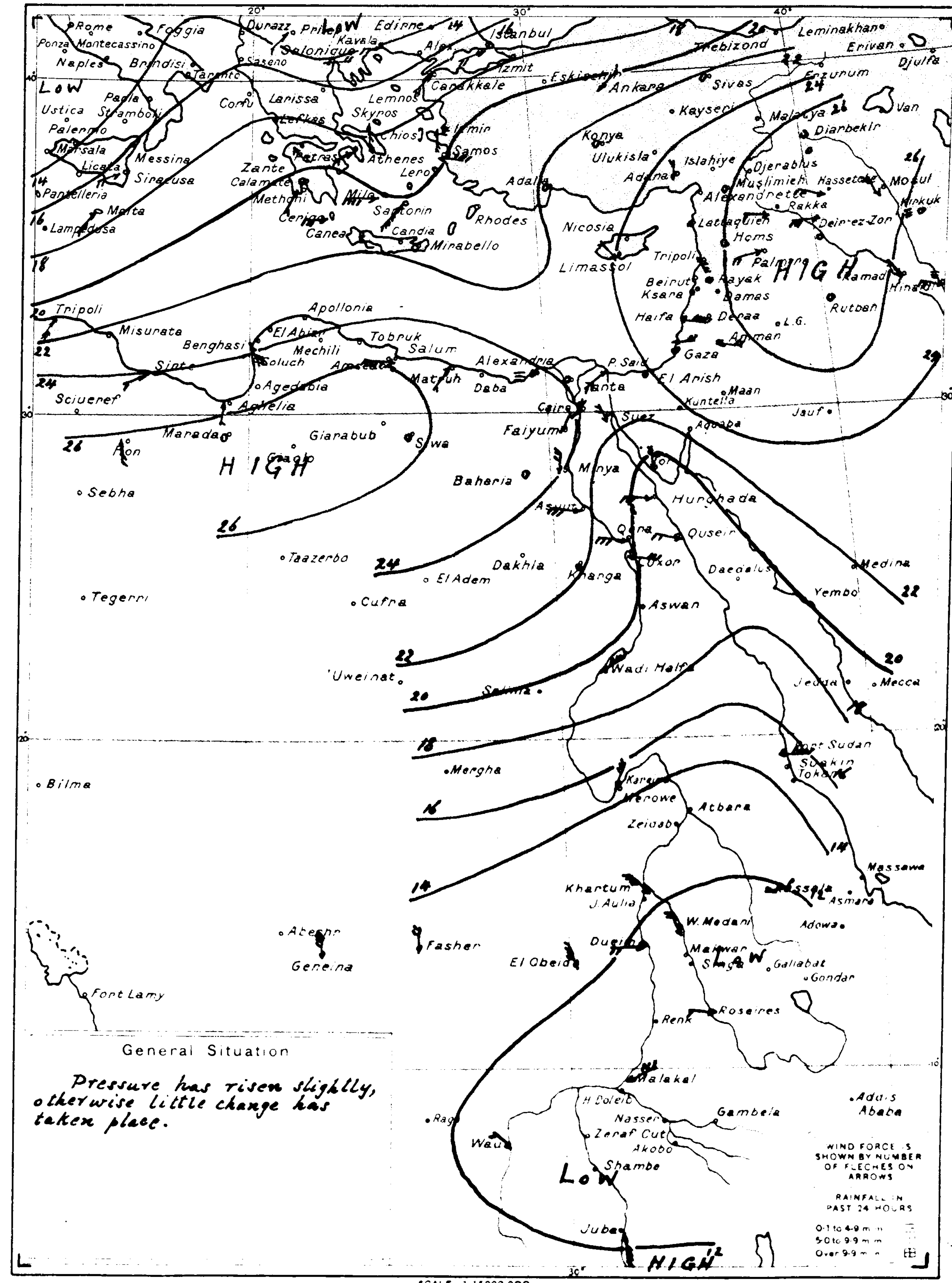
Discharges at Aswan measured by sluices m.³ per sec.

Date	1937	1936
8-12	1622	1619
7-12	1622	1619

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Jûba	7-12	13.67	+0.15	13.76	+0.23
Nasser	7-12	9.52	−0.13	9.61	−0.10
Malakal	8-12	12.32	+0.13	12.32	+0.12
Roseires	8-12	13.33	+0.20	13.36	+0.18
Sennar Res	7-12	20.70	—	20.68	—
Khartûm	7-12	11.70	−0.09	11.67	−0.11
Khashm el Girba	—	—	—	—	—
'Atbara	7-12	10.94	−0.15	10.94	−0.15
Kajnarti	7-12	134.67	−0.18	134.67	−0.21
Wadi Halfa	—	—	—	—	—
Aswan Res	8-12	119.69	—	119.69	—
D.S.	8-12	87.60	+0.07	87.61	+0.08
El Leisi	8-12	18.78	−0.38	18.76	−0.44
Rôda (Cairo)	8-12	15.95	−0.22	15.98	−0.25

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

Pressure and Wind at 8h. 8-12-1937 ١٩٣٧-١٢-٨



General Situation

Pressure has risen slightly, otherwise little change has taken place.

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 7th — الساعة ٨ يوم ٧

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
Dakhla	1023.2	+3.4	NW	1	11.0	23	−2	7	−1	50	−5	0	8	—	0	0	0	—	الداخلة
Limassol	1021	+4	NW	2	15	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1022.3	+5.9	ESE	2	15.8	23	+1	12	0	66	0	1	—	—	—	0	252	145	حيفا
Gaza	1021.4	+4.8	—	0	13.3	22	0	10	−1	73	+1	2	6	—	1	0	150	68	غزة

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

CAIRO
Time of sunrise 06h. 41m.
sunset 16h. 53m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month December 1937 ١٩٣٧ ديسمبر شهر

No.	Region	Station	At 14h. on 8th ٨ 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 Thursday 9th الساعة ٨ يوم الخميس ٩: 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	1024.6	WSW	4	19.4	34	0	8							—		—									—
131	Mediterranean	MATRÛH	1023.5	NW	2	19.4	—	0	6	1023.9	+5.6	SSW	2	12.6	20	•	11	0	—	—	0	6	—	0	0	42	46
150	Mediterranean	DIKHEILA	1023.1	NNW	2	19.8	65	0	8	1022.4	—	N	3	19.4	20	—	15	—	70	—	2	8	Cu	1	0	30	—
132	Mediterranean	ALEXANDRIA	1023.0	NNE	4	22.0	56	1	9	1022.6	+4.0	NE	3	20.2	23	+2	16	+3	67	-7	2	8	Cu	2	tr	51	54
159	Mediterranean	DAMIETTA								1021.8	—	NE	2	18.1	24	—	16	—	77	—	0	8	—	0	dr	52	30
134	Mediterranean	PORT SAÏD	1022.2	NE	2	22.2	65	0	8	1021.2	+3.9	NE	5	20.5	22	+1	18	+5	62	-13	0	8	—	1	0	36	19
135	Mediterranean	EL 'ARÎSH	1021.5	NNE	2	19.9	73	0	7	1020.7	—	—	0	15.0	21	—	10	—	76	—	0	7	—	0	0	44	19
136	Lower Egypt	DAMANHÛR								1022.6	+4.2	NNE	1	15.3	24	+1	13	+3	87	+2	0	7	—	0	0	45	25
137	Lower Egypt	MANSÛRA								1020.3	—	NNE	1	16.5	24	+1	14	+4	74	-7	0	7	—	1	0	74	10
138	Lower Egypt	TANTA	1022.0	NE	3	24.0	53	2	6	1021.9	+3.3	—	0	15.0	24	+2	10	0	94	+12	2	5	Cu	1	0	46	8
139	Lower Egypt	ZAGÂZÎG	1021.8	NE	3	21.9	53	1	8	1022.0	—	NW	1	15.8	22	-1	11	+2	82	0	0	8	—	0	0	27	5
141	Middle Egypt	CAIRO ALMÂZA	1021.4	NE	4	22.3	43	1	7	1021.5	—	N	1	12.9	22	—	8	—	86	—	0	5	—	4	0	32	—
	Middle Egypt	CAIRO EZBEKÎYA	1021.1	NNE	3	23.5	52	0	9	1021.4	+2.6	NNE	1	11.6	24	+2	10	0	98	+17	8	4	—	4	0	14	6
	Middle Egypt	CAIRO GÎZA	1021.0	NNE	3	23.0	53	1	7	1021.5	+2.0	NNW	1	9.7	23	+1	8	-1	100	+16	8	2	St	4	0	54	5
143	Middle Egypt	HELWÂN	1020.7	N	4	22.0	42	0	7	1020.4	+1.9	NNE	3	17.0	22	+1	12	+2	68	-1	0	4	—	0	0	24	5
144	Middle Egypt	SUEZ	1020.3	NNE	2	21.9	46	0	8	1020.6	+2.0	NW	2	15.7	22	-1	13	+1	81	+6	0	6	—	1	0	25	10
153	Upper Egypt	FAIYÛM	1020.6	N	4	22.0	50	0	7	1020.8	+1.9	N	2	15.0	23	0	10	+1	76	+1	0	8	—	0	0	dr	3
154	Upper Egypt	MINYA	1018.8	NNW	4	22.0	52	0	7	1019.6	+0.4	NNE	2	13.3	22	+1	12	+3	83	+3	0	5	—	0	0	dr	—
155	Upper Egypt	ASYÛT	1018.7	NNW	3	22.0	43	0	8	1019.5	0.0	WSW	3	10.5	24	+2	8	-1	81	+9	0	6	—	0	0	0	3
156	Upper Egypt	QENA	1017.5	W	4	23.0	38	0	8	1018.6	+0.3	NNW	1	12.0	23	-2	9	-1	76	+13	0	8	—	0	0	0	—
157	Upper Egypt	LUXOR	1017.0	WSW	1	26.4	41	0	8	1017.8	—	ENE	2	13.5	27	—	6	—	73	—	0	8	—	0	0	dr	—
158	Upper Egypt	ASWÂN	1015.8	N	3	25.5	23	0	8	1016.6	-1.5	NNE	2	16.3	26	0	14	+2	53	+2	0	8	—	0	0	dr	—
148	Western Desert	SÎWA	1022.8	—	0	21.1	72	0	6	1024.6	+5.2	—	0	7.9	23	+1	1	-6	71	+1	0	6	—	0	0	dr	2
149	Western Desert	BAHARÎYA	1021.4	N	2	22.0	47	0	9	1022.4	—	NNE	1	12.2	26	—	4	—	88	—	0	9	—	0	0	0	—
151	Western Desert	KHÂRGA	1018.8	N	3	22.0	59	0	9	1018.8	+0.3	—	0	12.2	23	-3	9	+1	83	+19	0	9	—	0	0	0	dr
152	Western Desert	DÂKHLA								1020.6	+0.7	—	0	15.1	23	-1	11	+3	43	-13	0	7	—	0	0	0	—
145	Red Sea	TÔR	1017.8	NW	3	23.0	66	0	6	1017.4	0.0	N	2	14.5	24	+1	11	0	62	+1	0	6	—	0	0	40	6
146	Red Sea	HURGHÂDA								1017.6	+0.3	NW	4	18.8	25	+1	13	+1	60	+5	0	9	—	0	0	tr	dr
147	Red Sea	QUSEIR	1017.6	NNW	5	24.0	54	0	7	1016.8	-0.1	WNW	3	22.2	25	0	19	+2	42	-7	0	7	—	0	0	4	5
169	Red Sea	PORT SUDAN								1013.6	-1.3	N	4	26.3	31	+2	23	+1	80	+12	3	7	—	1	0	41	69
165	North Sudan	WÂDI HALFA								1017.9	-0.7	N	4	13.4	27	+1	12	+2	42	-9	0	8	—	0	—	—	—
166	North Sudan	KAREIMA								1013.6	-2.7	NE	3	22.2	32	0	19	+5	29	-8	0	8	—	0	0	dr	1
167	North Sudan	'ATBARA								1011.8	-2.3	NNE	3	23.7	34	+2	20	+4	53	+14	0	—	—	0	0	1	1
168	North Sudan	KHARTÛM								1010.9	-2.5	N	4	23.5	36	+2	19	+2	52	+16	0	7	—	0	0	2	5
170	North Sudan	KASSALA								1009.3	-2.8	ENE	3	22.1	37	+2	16	-2	50	-7	0	7	—	0	0	dr	11
171	Central Sudan	WAD MEDANI								1009.9	-2.9	NNW	2	23.0	35	0	14	-3	41	+2	0	—	—	0	0	16	13
173	Central Sudan	DUEIM								1010.2	-2.7	NW	3	24.6	34	0	18	+2	52	+19	0	—	—	0	0	14	12
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1009.4	-1.9	WNW	1	23.9	38	+1	17	+1	39	-8	0	—	—	0	0	38	37
174	Central Sudan	EL OBEID								1012.5	-2.4	NW	4	20.2	32	0	15	+3	43	+7	2	7	Cs	1	0	8	19
175	Central Sudan	EL FÂSHER								—	—	NW	1	15.0	34	+2	9	-1	68	+34	0	—	—	0	0	32	8
176	S. Sudan	MALAKÂL								1009.9	-1.2	NE	3	23.1	35	-1	18	0	38	+4	2	8	Ci	1	0	47	93
177	S. Sudan	WÂU								1010.2	-0.8	N	2	28.0	37	+2	19	+1	52	-12	0	—	—	0	0	164	146
178	S. Sudan	JÛBA								1010.8	-0.1	NE	3	22.2	38	+2	18	-2	58	-10	8	4	Cs	2	0	163	134
179		Geneina								—	—	N	3	12.2	28	—	11	—	22	—	4	8	AcCs	0	0	14	—
180		Gallabat																									

Upper Wind Observations on 9th ارصاد الرياح العليا يوم ٩

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

Height	Salum 07h.00m Dir	Kms	Matruh 07h.00m Dir	Kms	Dikheila 07h.30m Dir	Kms	Cairo 08h.15m 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 05h.00m Dir	Kms	Kassala 06h.00m Dir	Kms	Malakal 06h.00m Dir	Kms	Juba 07h.00m Dir	Kms	Salam 13h.15m Dir	Kms	Almaza 11h.45m Dir	Kms
200	270	28	280	2	340	32	40	32	30	19	—	—	—	—	0	23	—	—	—	—	—	—	—	—	—	—	250	14	30	14
500	190	5			340	31	50	50	40	36	50	23	40	37	20	31	30	48	320	31	—	—	10	27	—	—	230	15	40	24
1000	90	4			10	21	40	55	40	58	30	17	80	14	40	34	30	40	20	24	100	14	20	45	180	27	250	5	50	39
1500	Tail.				Ent. Cu.						0	18	100	12	50	18	40	31	0	27	20	11	50	21	170	45	270	13	Ext. Sc.	
2000											50	8	50	26	350	5	40	24			300	11	60	14	170	58	310	14		
3000															calm		50	21					120	14			340	29		
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 9th
On the coast moderate winds between west and southwest.
Inland fresh northeasterly winds strong at times.
Some low cloud.
Temperature slightly above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٩
رياح معتدلة بين غربية وجنوبية غربية على الساحل .
ورياح نسيمية شمالية شرقية وتكون شديدة احيانا فى الداخل .
يظهر بعض السحاب المنخفض .
ودرجة الحرارة فوق المعدل قليلا .

Station	Mean of day: Humidity % 8th	Diff from normal	Wet bulb temp. °C 8th	Diff from normal
Alexandria	71	+6	15.4	+2.2
Ezbekiya	87	+16	14.7	+1.7
Giza	83	+6	14.4	+1.7
Helwan	72	+12	13.9	+2.5

Giza Grass minimum on 9th 6.4°C

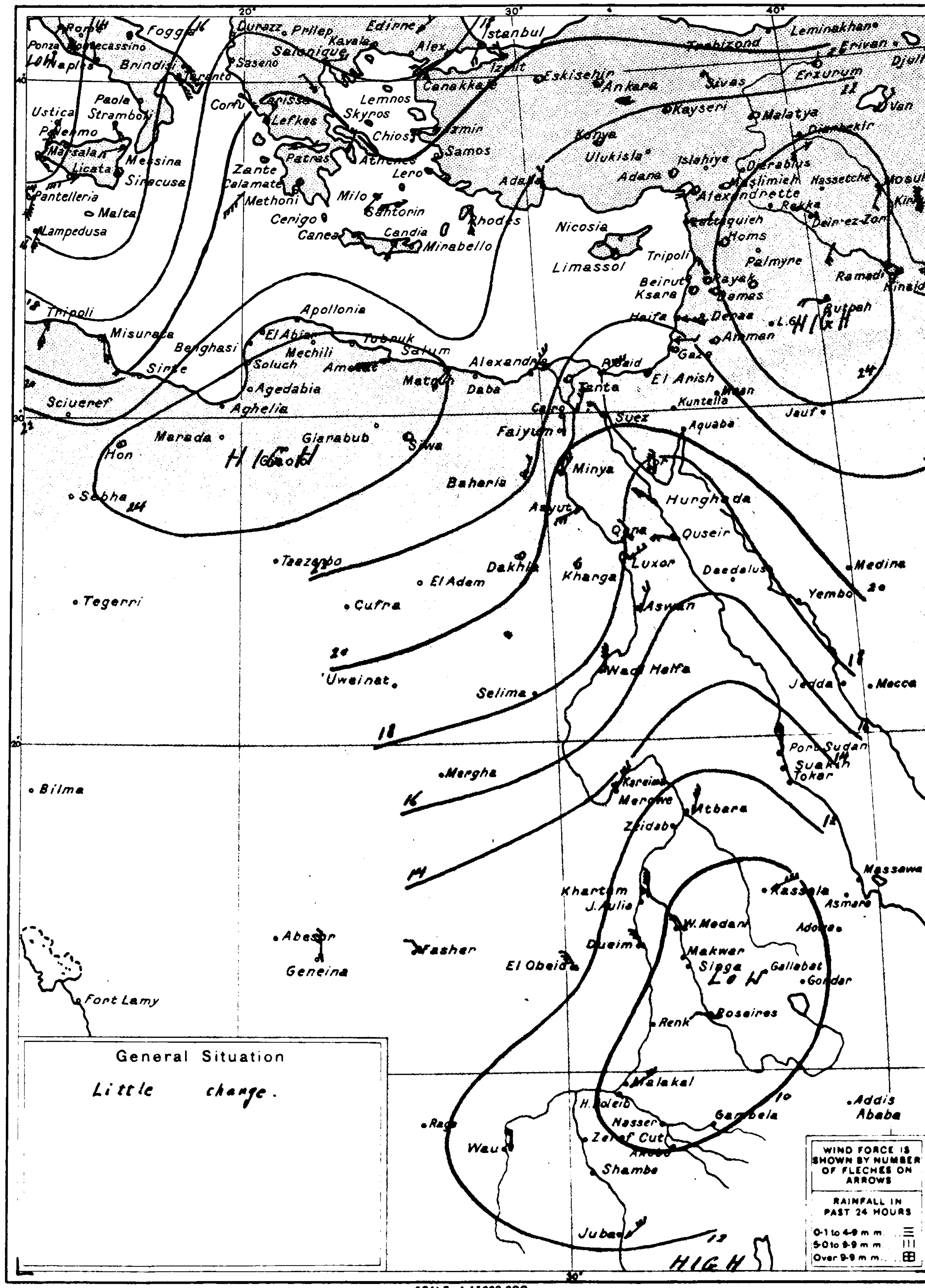
Discharges at Aswan measured by sluices m.³ per sec

Date	1937	1936
9-12	1623	1620
8-12	1622	1619

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	8-12	13.76	+0.25	13.67	+0.15
Nâsser	8-12	9.42	-0.19	9.52	-0.13
Malakâl	9-12	12.30	+0.12	12.33	+0.13
Roseires	9-12	13.19	+0.08	13.33	+0.20
Sennâr Res.	8-12	20.71	—	20.70	—
Khartûm	8-12	11.68	-0.10	11.70	-0.09
Kh. el Girba	—	—	—	—	—
'Atbara	8-12	10.94	-0.15	10.94	-0.15
Kajnarti	8-12	134.62	-0.21	134.67	-0.18
Wâdi Halfa	—	—	—	—	—
Aswân Res.	9-12	119.71	—	119.69	—
D. S.	9-12	87.00	+0.07	87.06	+0.07
El Leisi	9-12	18.78	-0.31	18.78	-0.38
Rôda (Cairo)	9-12	16.00	-0.15	15.95	-0.22

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

١٩٣٧-١٢-٩ Pressure and Wind at 8 h. 9-12-1937



Station	At 8 h. on 9th الساعة ٨ يوم ٩: 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	مرصد
Dakhla	1023.2	+3.3	SSW	1	12.9	21	-4	9	+1	46	-10	0	8	—	0	0	0	—	الداخلة
Limassol	1024	+7	NW	1	14	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1026.6	+10.2	ESE	5	15.8	23	+1	12	+1	60	-6	0	—	—	—	0	252	152	حيفا
Gaza	1023.5	+6.9	—	0	11.8	23	+2	9	-2	87	+15	0	9	—	0	0	150	72	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. 41

sunset h. 16 m. 55

Month *December* 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

No.	Region	Station	14h. on 9th: Bar. Pressure reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h. on Friday 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.m.	Total fr. Oct. 1 to yesterday m.m.	Normal fr. Oct. 1 to yesterday m.m.
130	Mediterranean	SALÛM	1022.6	NNW	3	20.5	33	2	9	1023.0	+5.1	NNW	4	8.5	22	—	6	—	67	—	1	7	Cu	1	0	8	—
131	Mediterranean	MATRÛH	1021.6	NNW	2	18.9	—	0	6	1021.4	+3.1	SW	1	13.2	20	0	11	0	—	—	3	6	Cu	2	0	42	47
150	Mediterranean	DIKHEILA	1020.8	NNE	1	20.5	67	2	8	1020.7	—	NE	1	19.6	21	—	16	—	67	—	3	6	Sc	1	0	30	—
132	Mediterranean	ALEXANDRIA	1020.6	NE	4	25.1	51	2	9	1020.4	+1.8	E	1	20.1	26	+5	17	+4	66	-9	3	8	Cu	2	[illegible]	51	56
159	Mediterranean	DAMIETTA								1020.0	—	N	1	18.8	24	—	16	—	85	—	3	8	Cu	1	0	52	31
134	Mediterranean	PORT SAÏD	1021.4	NE	5	22.5	59	0	8	1019.6	+2.3	NE	3	20.0	24	+3	18	+5	71	-4	0	8	—	1	0	36	19
135	Mediterranean	EL 'ARÎSH	1018.6	NNW	2	20.0	63	0	7	1019.2	—	—	0	15.0	23	—	10	—	84	—	0	7	—	0	0	44	19
136	Lower Egypt	DAMANHÛR								1020.6	+2.2	NNE	1	15.5	23	0	11	+1	80	-4	0	6	—	0	0	45	25
137	Lower Egypt	MANSÛRA								1019.4	—	NE	1	16.0	23	0	14	+4	79	-2	0	7	—	1	0	74	10
	Lower Egypt	TANTA	1019.2	NE	3	22.0	58	3	6	1020.0	+1.4	—	0	16.0	25	+3	10	0	84	+2	0	6	—	0	0	46	8
	Lower Egypt	ZAGÂZÎG	1020.4	NE	3	21.9	52	2	8	1020.0	—	NNW	1	16.3	22	-1	10	+1	85	+3	1	8	Ci	1	0	27	5
	Middle Egypt	CAIRO ALMÂZA	1018.7	NE	4	22.8	40	1	7	1020.0	—	NNE	2	11.8	23	—	10	—	84	—	1	7	St	1	0	32	—
	Middle Egypt	CAIRO EZBEKÎYA								1019.6	+0.8	N	2	11.7	25	+3	10	0	98	+17	0	5	—	0	0	14	6
	Middle Egypt	CAIRO GÎZA								1019.6	+0.1	—	0	10.1	23	+2	8	-1	99	+15	8	1	—	4	0	54	5
143	Middle Egypt	HELWÂN	1017.9	NNE	5	22.8	33	0	6	1018.8	+0.3	NNW	2	16.9	23	+2	13	+3	65	-4	0	6	—	0	0	24	5
144	Middle Egypt	SUEZ	1017.8	N	4	21.8	43	0	8	1019.1	+0.4	NW	1	15.2	22	0	12	0	77	+2	0	6	—	1	0	25	10
153	Upper Egypt	FAIYÛM	1017.9	NNE	5	23.1	40	0	7	1018.7	-0.3	N	3	15.0	24	+1	11	+2	78	+3	0	8	—	0	0	[illegible]	3
154	Upper Egypt	MINYA	1017.0	NNW	3	22.5	49	0	6	1018.0	-1.2	N	3	13.2	23	+2	11	+2	75	-5	0	7	—	0	0	[illegible]	—
155	Upper Egypt	ASYÛT	1018.7	NSW	4	23.2	36	0	8	1017.6	-2.0	NSW	3	10.6	23	+1	7	-2	85	+13	0	7	—	0	0	0	3
156	Upper Egypt	QENA	1014.8	NNW	2	24.3	32	0	8	1016.0	-2.4	NNW	2	13.4	25	0	10	0	71	+8	0	7	—	0	0	0	—
157	Upper Egypt	LUXOR	1014.3	NNW	1	26.7	34	0	8	1015.1	—	ENE	1	16.3	28	—	9	—	68	—	0	8	—	0	0	[illegible]	—
158	Upper Egypt	ASWÂN	1012.2	N	4	27.3	27	0	8	1016.2	-3.0	N	1	17.8	28	+2	15	+3	46	-6	0	8	—	0	0	[illegible]	
148	Western Desert	SÎWA	1021.0	W	1	21	74	0	6	1021.2	+1.8	—	0	9.1	22	+1	3	-4	77	+7	0	6	—	0	0	[illegible]	2
149	Western Desert	BAHARÎYA	1018.3	N	2	22.3	63	0	9	1019.4	—	NNE	1	14.1	27	—	4	—	86	—	0	9	—	0	0	0	—
151	Western Desert	KHÂRGA	1015.8	N	2	23.8	54	0	9	1017.5	-1.0	—	0	11.0	24	-1	6	-2	83	+19	0	9	—	0	0	0	[illegible]
152	Western Desert	DÂKHLA	1017.4	NNW	2	22.0	36	0	7																		
145	Red Sea	TÔR	1015.0	NW	6	23.2	78	0	6	1015.6	-1.8	N	2	17.3	24	+1	12	+1	58	-3	0	6	—	0	0	40	6
146	Red Sea	HURGHÂDA								1016.0	-1.3	NNW	4	20.6	25	+1	14	+2	63	+8	0	9	—	1	0	5	[illegible]
147	Red Sea	QUSEIR	1014.8	NNW	4	25.0	48	2	7	1015.5	-1.4	NW	3	19.0	26	+1	19	+2	74	+25	0	7	—	0	0	4	5
169	Red Sea	PORT SUDAN								1012.0	-3.0	N	2	24.5	28	-1	21	-1	75	+7	3	—	—	0	7	48	70
165	North Sudan	WÂDI HALFA								1015.5	-3.2	N	3	15.2	27	+1	14	+4	39	-12	0	8	—	0	—	—	—
166	North Sudan	KAREIMA								1012.9	-3.4	N	3	21.7	32	+1	18	+4	36	-2	0	8	—	0	0	[illegible]	1
167	North Sudan	'ATBARA								1011.2	-3.0	NNE	2	23.0	32	0	19	+3	59	+20	0	—	—	0	0	1	1
168	North Sudan	KHARTÛM								1010.6	-2.9	NNE	3	22.7	35	+2	19	+2	44	+7	1	8	Ci	0	0	2	5
170	North Sudan	KASSALA								1009.1	-3.0	SE	1	22.9	37	+2	17	-1	66	+9	0	8	—	0	0	[illegible]	11
171	Central Sudan	WAD MEDANI								1009.6	-3.2	N	2	23.0	34	-1	15	-2	38	-1	0	—	—	0	0	16	13
173	Central Sudan	DUEIM								1010.4	-2.5	NNW	3	23.8	34	0	19	+3	37	+4	0	—	—	0	0	14	12
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1009.1	-2.8	NNW	1	23.2	39	+3	17	+1	39	-8	0	—	—	0	0	38	37
174	Central Sudan	EL OBEID								1011.9	-3.1	NNW	5	19.2	33	+1	16	+4	46	+10	3	8	Ci	1	0	8	19
175	Central Sudan	EL FÂSHER								—	—	N	1	16.5	33	+1	11	+1	65	+31	0	—	—	0	0	32	8
176	S. Sudan	MALAKÂL								1009.3	-1.8	NNE	2	23.2	34	-2	16	-2	44	+11	0	8	—	0	0	47	93
177	S. Sudan	WÂU								1008.4	-2.6	N	2	23.0	37	+2	19	+1	47	-16	0	—	—	0	0	164	146
178	S. Sudan	JÛBA								1009.9	-1.0	—	0	22.9	38	+2	19	-1	60	-7	4	4	Ci, As	1	0	163	135
179 180		Geneina Gallabat								—	—	NNE	3	14.5	29	—	10	—	39	—	1	8	Ci	0	0	14	—

الساعة ١٤ يوم ٩ — الساعة ٨ يوم الجمعة ١٠

Upper Wind Observations on 10th

ارصـاد الرياح العليا يوم ١٠

Height metres above M.S.L.	Dikheila 06h.00m. Dir. E.of N.	Kms per hour	W. Halfa 06h.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	Ismailia 07h.00m. R.A.F. Dir.	Kms	Abukir 07h.00m. R.A.F. Dir.	Kms	Heliopolis 07h.00m. R.A.F. Dir.	Kms	Ramleh 07h.00m. R.A.F. Dir.	Kms	Salum 9th 13h.30m. Dir.	Kms	[illegible] 9th 11h.45m. Dir.	Kms
200	30	21	10	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40	19	50	19	50	24	80	11	300	16	40	23
500	20	23	20	32	40	43	0	51	—	—	—	—	10	34	—	—	—	—	40	32	30	14	50	48	90	8	270	23	50	24
1000	10	21	30	32	70	24	10	50	60	3	30	6	20	43	140	29	40	45	50	10	40	21	40	37	70	8	290	5	50	37
1500	End Sc		50	21	50	14	40	18	50	2	50	40	40	21	160	16	80	47	50	40	Tail		50	24	70	6	280	5		
2000			90	13	50	16	330	23			120	5	60	16	180	32	150	8	40	—			40	24	50	8				
3000			50	16	30	37	310	8			220	18	100	18	200	26	240	34	Tail				350	14	10	6				
4000			20	18							230	27											Tail							
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	65	0	17.2	+4.1
Ezbekiya	87	+16	14.7	+1.9
Giza	86	+9	13.6	+1.0
Helwân	59	-1	13.7	+2.5

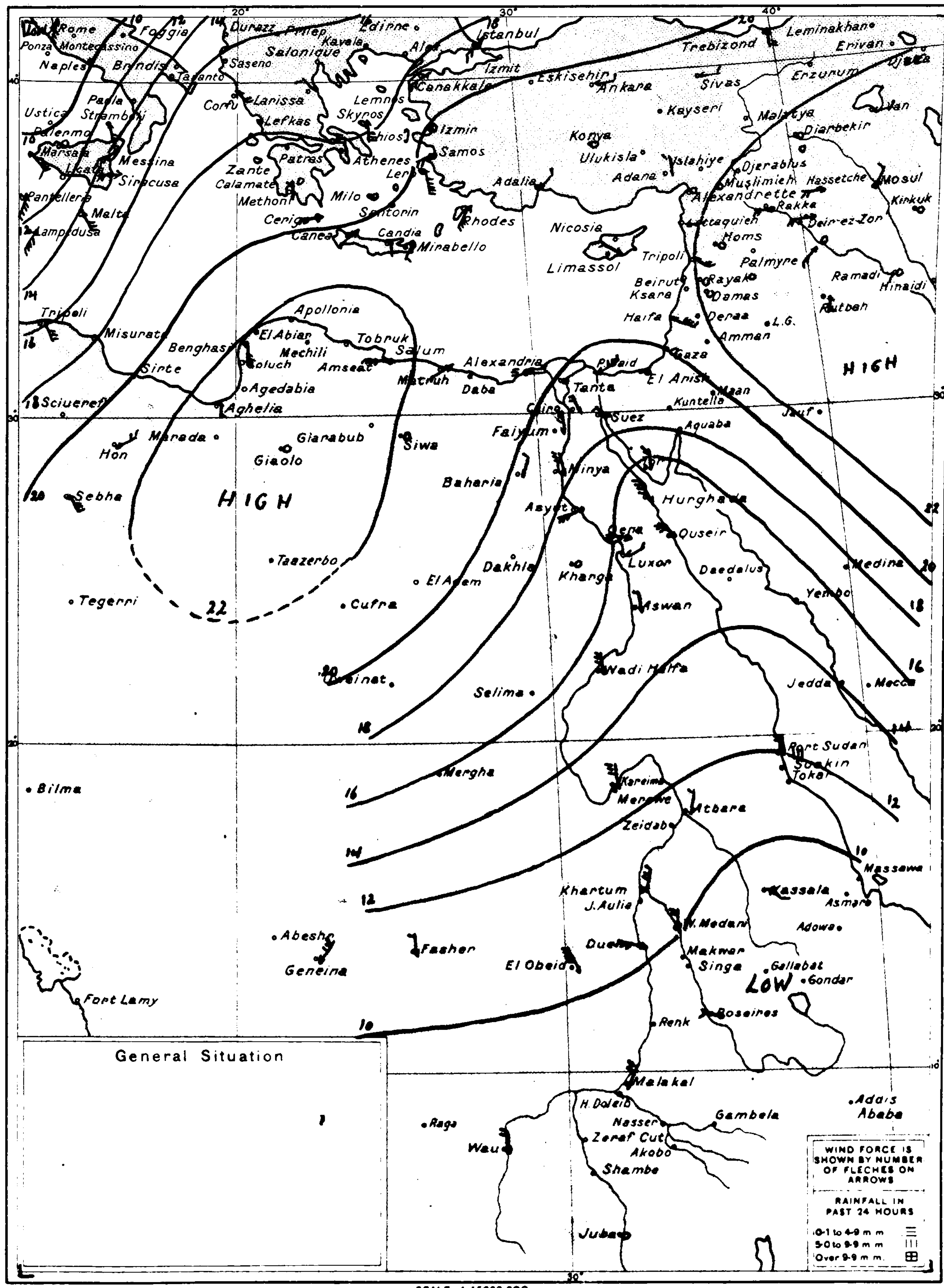
Giza Grass minimum on 9th 5.8 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
10.12	1620	1619
9.12	1623	1620

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	10.12	13.74	+0.24	13.73	+0.22
Nâsser	10.12	9.36	-0.33	9.31	-0.34
Malakâl	10.12	12.29	+0.13	12.30	+0.12
Roseires	10.12	12.25	+0.19	12.19	+0.08
Sennâr Res.	10.12	20.73	—	20.72	—
Khartûm	10.12	11.60	-0.14	11.65	-0.11
Kh. el Girba					
'Atbara	10.12	10.98	-0.10	10.96	-0.12
Kajnarti	10.12	134.48	-0.26	134.54	-0.23
Wâdi Halfa					
Aswân Res	10.12	119.71	—	119.71	—
D. S.	10.12	86.99	+0.06	87.00	+0.07
El Leisi	10.12	18.78	-0.24	18.78	-0.31
Roda (Cairo)	10.12	16.02	-0.12	16.00	-0.16

١٠-١٢-١٩٣٧ Pressure and Wind at 8 h. 10-12-1937



General Situation

At 8 h. on 9th 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
Salum	1024.6	+6.7	W	5	8.4	20	—	6	—	55	—	0	7	—	1	0	8	—	السلوم
Limassol	1023	+6	NW	2	14	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1022.3	+5.9	ESE	5	17.6	26	+5	14	+3	62	-24	0	—	—	—	0	252	158	حيفا
Gaza	1020.4	+3.8	—	0	11.6	23	+2	8	-3	80	+8	0	9	—	0	0	150	76	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 06h. 42m.
sunset 16h. 56m.

Month December 1937 ١٩٣٧ ديسمبر شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-١٢-١١

1417 F.C.

No.	Region	Station	At 14h. on 10th (الساعة ١٤ يوم ١٠): Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Saturday 11th (الساعة ٨ يوم ١١ السبت): 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	1021.5	WSW	2	20.7	54	0	9	1023.4	+5.6	SSE	2	13.1	21	—	9	—	86	—	2	7	Ac	2	0	8	—
131		MATRÛH	1020.0	N	1	19.3	—	1	6	1021.5	+3.1	E	1	16.4	21	+1	12	+1	—	—	4	6	Sc	2	0	42	48
150		DIKHEILA	1020.0	NE	1	21.0	60	3	8	1021.0	—	NE	2	19.6	21	—	16	—	76	—	2	7	Cu	1	0	30	—
132		ALEXANDRIA	1019.2	NE	4	25.3	50	2	9	1021.0	+2.4	NE	4	20.4	26	+5	17	+4	69	-6	3	8	Cu	2	0	51	58
159		DAMIETTA								1020.2	—	NNE	2	18.4	24	—	16	—	84	—	0	8	—	1	0	52	31
134		PORT SAÏD	1018.7	NE	3	20.8	75	1	8	1020.0	+2.7	NE	3	21.2	25	+4	18	+5	73	-3	0	8	—	1	0	36	20
135		EL 'ARÎSH	1017.9	—	0	21.0	61	0	7	1020.2	—	—	0	15.0	22	—	10	—	81	—	0	7	—	0	0	44	20
136	LOWER EGYPT	DAMANHÛR								1021.0	+2.6	NE	1	14.8	23	+1	13	+3	84	0	0	5	—	0	0	45	26
137		MANSÛRA								1020.0	—	NNE	1	16.2	23	0	14	+4	82	+1	0	8	—	0	0	74	10
138		TANTA	1018.3	NNE	3	23.0	59	3	7	1020.4	+1.4	—	0	15.0	24	+2	11	+1	92	+10	0	8	—	0	0	46	8
139		ZAGÂZÎG	1018.3	NNE	4	22.1	56	1	8	1020.6	—	NNW	1	13.4	22	-1	9	0	97	+15	0	6	—	1	0	27	5
141	MIDDLE EGYPT	CAIRO ALMÂZA	1017.8	NNE	4	23.3	44	3	8	1020.7	—	E	1	11.7	23	—	6	—	89	—	2	7	St	4	0	32	—
		CAIRO EZBEKÎYA	1017.1	NNE	4	24.0	54	2	9	1020.4	+1.6	N	2	10.8	25	+3	10	0	98	+17	8	4	—	4	0	14	6
		CAIRO GÎZA	1017.1	NNE	5	23.6	53	2	8	1020.2	+0.7	NNW	1	11.7	24	+3	10	+1	100	+16	8	1	St	4	0	54	6
143		HELWÂN	1016.6	NNE	5	22.5	40	1	8	1018.8	+0.8	NNE	6	16.7	23	+3	14	+4	75	+7	0	6	—	0	0	24	6
144		SUEZ	1016.7	N	3	21.8	50	0	8	1019.2	+0.4	N	1	15.3	22	0	13	+1	85	+10	0	7	—	1	0	25	10
153	UPPER EGYPT	FAIYÛM	1016.7	N	3	22.4	43	2	8	1019.5	+0.5	NNE	2	15.3	24	+1	12	+3	78	+3	0	7	—	0	0	dr	3
154		MINYA	1015.6	N	4	23.0	48	0	8	1018.6	-0.6	NNW	2	12.7	23	+2	9	0	81	+1	0	6	—	0	0	dr	—
155		ASYÛT	1015.4	NW	3	22.0	43	0	8	1018.3	-1.4	WNW	3	12.0	24	+2	9	+1	85	+13	0	6	—	0	0	0	3
156		QENA	1013.4	W	1	26.0	33	0	8	1017.4	-1.1	WNW	1	15.2	27	+2	10	0	68	+5	0	7	—	0	0	0	—
157		LUXOR	1013.1	NE	1	28.3	34	0	8	1017.4		ENE	2	15.3	29	—	9	—	64	—	0	8	—	0	0	dr	—
158		ASWÂN	1011.1	—	0	28.4	34	0	8	1016.7	-1.5	NNE	1	18.0	28	+2	16	+4	49	-3	0	8	—	0	0	dr	—
148	WESTERN DESERT	SÎWA	1018.2	—	0	20.1	82	0	6	1019.8	+0.3	—	0	9.3	23	+2	7	+1	75	+5	0	6	—	0	0	dr	2
149		BAHARÎYA	1018.3	NE	3	23.3	50	0	9	1019.2	—	NNE	1	15.0	23	—	11	—	89	—	0	9	—	0	0	0	—
151		KHÂRGA	1013.8	N	2	24.2	51	0	9	1017.5	-1.1	—	0	17.0	25	0	10	+2	70	+5	0	9	—	0	0	0	dr
152		DÂKHLA								1019.0	-1.1	WNW	1	11.8	23	-1	8	+1	46	-10	0	7	—	0	0	0	—
145	RED SEA	TÔR	1014.2	NW	5	23.5	75	0	6	1016.7	-0.8	N	2	17.3	25	+2	13	+2	75	+14	0	6	—	0	0	40	6
146		HURGHÂDA								1017.6	+0.3	NW	3	20.0	25	+1	14	+2	55	0	1	9	St	1	0	tr	dr
147		QUSEIR	1013.9	NNW	5	25.1	46	0	7	1017.1	+0.2	WNW	2	22.2	26	+1	18	+1	48	-2	0	7	—	0	0	4	5
169		PORT SUDAN								1014.0	-1.0	N	2	24.3	28	-1	19	-3	87	+19	3	—	—	1	26	74	71
165	NORTH SUDAN	WÂDI HALFA								1016.3	-2.5	—	0	16.4	29	+3	13	+3	47	-5	0	7	—	0	—	—	—
166		KAREIMA								1013.7	-2.7	E	1	23.0	33	+2	19	+5	52	+14	0	8	—	0	0	dr	1
167		'ATBARA								1012.7	-1.6	E	3	23.3	32	0	18	+2	56	+17	0	—	—	0	0	1	1
168		KHARTÛM								1011.4	-2.2	NNE	3	23.1	35	+2	18	+1	44	+7	3	7	Ci	0	0	2	5
170		KASSALA								1010.2	-2.0	ESE	1	23.6	35	0	18	0	60	+2	2	7	Ci	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI								1009.5	-3.4	N	2	23.3	34	-1	15	-2	40	+1	1	—	—	0	0	16	13
173		DUEIM								1011.4	-1.6	WNW	3	23.4	34	0	18	+2	38	+5	0	—	—	0	0	14	12
182		RENK														—		—		—							
172		ROSEIRES								1009.3	-2.1	NW	1	24.2	37	+1	17	+1	35	-12	0	—	—	0	0	38	37
174		EL OBEID								1011.9	-3.1	NW	3	20.0	32	+1	16	+4	40	+4	4	8	Cs	1	0	8	19
175		EL FÂSHER								—	—	NW	1	17.0	31	-1	13	+3	70	+35	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1009.5	-1.6	NE	4	24.1	35	-1	19	+1	39	+6	2	8	Ci	1	0	47	93
177		WÂU								1008.0	-3.0	NW	2	23.5	37	+2	19	+1	52	-11	0	—	—	0	0	164	146
178		JÛBA								1009.3	-1.7	NE	3	25.7	38	+2	20	0	48	-19	4	6	Cs	2	0	163	135
179 180		Geneina. Gallabat.								—	—	NE	3	14.5	31		11		39		0	8	—	0	0	14	—

Upper Wind Observations on 11th — ارصاد الرياح العليا يوم ١١

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

Height	Salum 08h.00m. Dir.	Kms	Matruh 07h.00m. Dir.	Kms	Dikheila 07h.30m. Dir.	Kms	Cairo 08h.30m. Dir.	Kms	Helwan 08h.30m. 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	El Obeid 06h.00m. Dir.	Kms	Malakal 06h.00m. Dir.	Kms	Juba 07h.00m. Dir.	Kms	Almaza 11h.15m. Dir.	Kms
200	160	8	90	21	340	35	40	32	10	8	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	40	37
500	110	—	70	18	340	36	50	51	50	36	20	2	60	36	40	21	60	35	30	43	—	—	—	—	10	43	—	—	40	29
1000	110	16	60	29	340	32	70	30	70	14	160	11	90	23	60	19	80	34	20	27	60	14	30	45	30	37	170	16	60	41
1500	80	7			Ent. Cu				60	14	180	18	110	19	80	27	70	19	10	11	50	23	50	21	30	34	220	11	40	27
2000	110	8							80	13	190	21	90	49	100	14	60	14	250	18	340	8	160	6	50	21			40	24
3000	180	13							70	18			100	45	100	11	290	19					220	16					40	27
4000									0	22																				
5000									10	33																				
6000																														

Forecast for 24 hours from noon on 11th
Inland moderate to fresh northeast winds.
On the coast moderate northeast to east winds.
Mainly clear by day.
Temperature remaining above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١١
رياح معتدلة الى شديدة نوعا شمالية شرقية فى الداخل .
ورياح معتدلة شمالية شرقية تتحول الى الشرقية على السواحل .
السماء صحو أثناء النهار وتستمر درجة الحرارة فوق المتوسط

Station	Mean of day: Humidity % on 10th	Diff. from normal	Wet Bulb Temp. °C on 10th	Diff. from normal
Alexandria	62	-3	16.7	+3.7
Ezbekiya	85	+14	14.9	+2.2
Gîza	87	+10	14.3	+1.8
Helwân	57	-3	13.9	+2.7

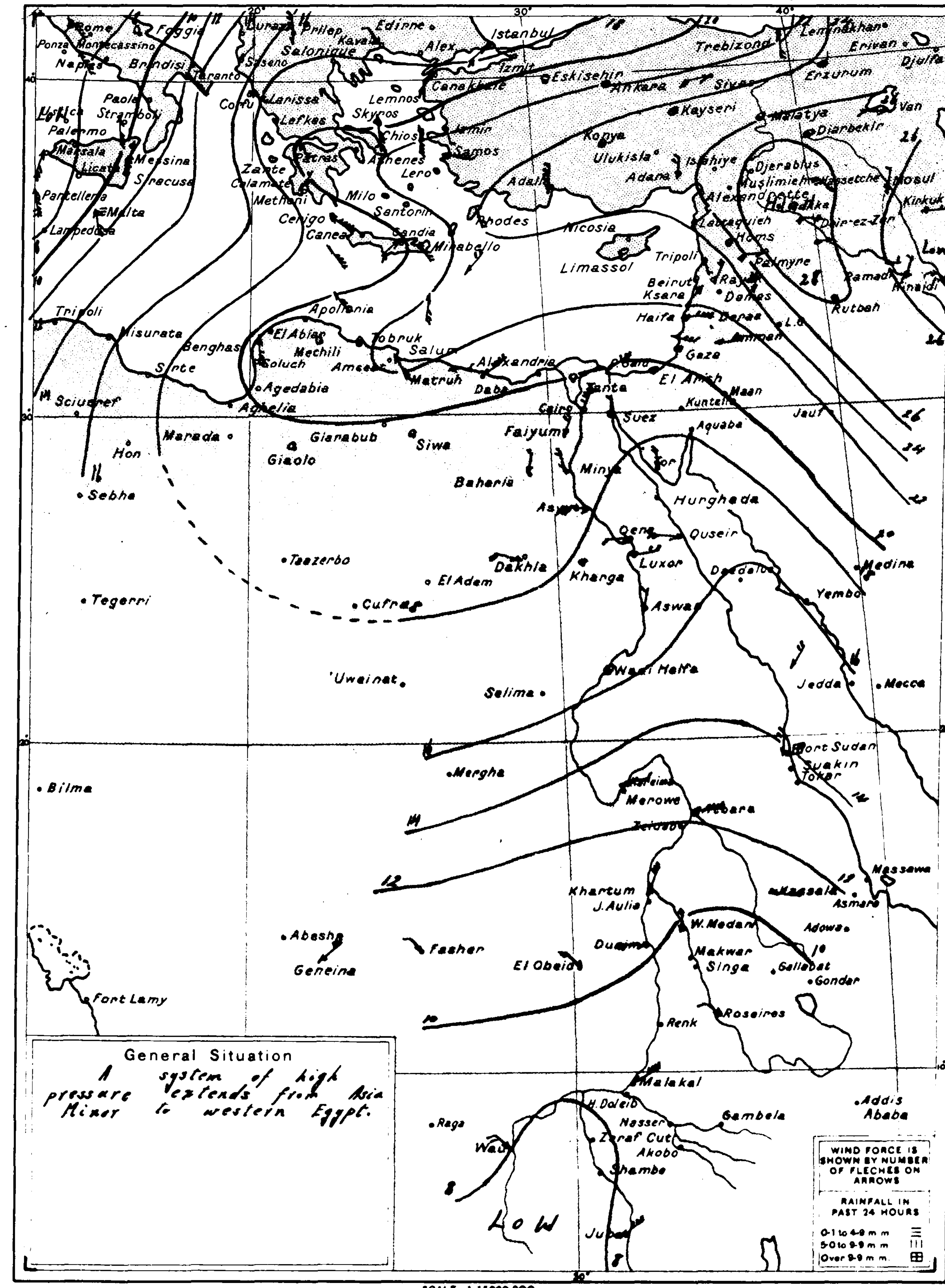
Gîza Grass minimum on 11th 7.8°C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
11-12	1565	1449
10-12	1620	1619

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	10-12	13.74	+0.24	13.73	+0.22
Nâsser	10-12	9.26	-0.22	9.31	-0.34
Malakâl	11-12	12.27	+0.12	12.29	+0.13
Roseires	11-12	13.22	+0.19	13.25	+0.19
Sennâr Res.	10-12	20.73	—	20.72	—
Khartûm	10-12	11.60	-0.14	11.65	-0.11
Kh. el Girba	—	—	—	—	—
'Atbara	10-12	10.98	-0.10	10.96	-0.12
Kajnarti	10-12	134.48	-0.26	134.54	-0.23
Wâdi Halfa	—	—	—	—	—
Aswân Res.	11-12	49.71	—	49.71	—
Aswân D. S.	11-12	56.93	+0.13	56.99	+0.06
El Leisi	11-12	18.77	-0.21	18.78	-0.24
Rôda (Cairo)	11-12	15.97	-0.15	16.02	-0.12

Pressure and Wind at 8h. 11-12-1937



General Situation
A system of high pressure extends from Asia Minor to western Egypt.

Station	At 8h 10th (الساعة ٨ يوم ١٠): 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	1020	+3	NW	2	14	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1020.2	+3.8	ESE	4	16.0	24	+3	13	+2	52	-14	0	—	—	—	0	252	165	حيفا
Gaza	1019.2	+2.6	—	0	11.2	23	+2	9	-2	78	+6	0	9	—	0	0	150	81	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. 43 m.

sunset 16 h. 36 m.

Month **December** 1937 ١٩٣٧ شهر ديسمبر

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

DAILY WEATHER REPORT ١٢-١٢-٣٧

No.	Station	At 14h. on 11th Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Sunday 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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
	MEDITERRANEAN																									
130	SALÛM	1021.5	SE	3	18.6	66	•	9	1020.7	+2.9	SE	2	14.2	19	—	12	—	86	—	2	6	Cu	4	•	8	—
131	MATRÛH	1020.4	NE	2	20.0	—	2	6	1019.0	+0.6	—	•	14.4	21	+1	13	+3	—	—	3	6	Sc	2	•	42	49
150	DIKHEILA	1020.4	NE	1	21.2	66	•	7	1020.0	—	E	1	20.0	21	—	16	—	72	—	1	5	As	1	•	30	—
132	ALEXANDRIA	1019.4	NE	5	24.5	56	1	9	1019.1	+0.4	E	1	21.0	26	+5	17	+5	68	-7	1	8	Cu	2	•	51	60
159	DAMIETTA								1018.2	—	ENE	1	18.1	24	—	15	—	94	—	•	5	—	4	•	52	32
134	PORT SAÏD	1018.4	NE	2	24.0	67	•	8	1018.6	+1.2	NE	2	19.8	26	+5	14	+1	81	+5	•	6	—	•	•	36	20
135	EL 'ARÎSH	1018.0	NNE	1	21.0	65	•	7	1018.8	—	—	•	15.5	23	—	11	—	75	—	•	7	—	•	•	44	20
	LOWER EGYPT																									
136	DAMANHÛR								1019.1	+0.7	N	1	13.8	24	+2	12	+2	99	+15	•	6	—	4	•	45	27
137	MANSÛRA								1018.3	—	NE	1	16.5	24	+2	13	+3	92	+11	•	8	—	4	•	74	10
138	TANTA	1018.4	N	2	23.4	58	•	8	1019.2	+0.5	—	•	11.6	25	+3	8	-1	99	+17	•	8	—	4	•	46	8
139	ZAGÂZÎG	1018.3	NNE	3	22.6	56	•	8	1019.0	—	SW	1	11.9	23	0	9	0	97	+15	8	2	St	4	•	27	5
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1017.9	NE	1	24.5	45	•	8	1019.1	—	—	•	10.3	25	—	6	—	65	—	•	5	—	4	•	32	—
	CAIRO EZBEKÎYA	1017.5	N	2	25.0	56	•	8	1018.7	-0.1	N	1	11.0	26	+5	10	•	100	+19	8	2	—	4	•	14	6
	CAIRO GÎZA	1017.2	NNE	2	24.4	55	•	8	1018.7	-0.9	N	1	11.9	25	+4	9	•	100	+16	8	•	—	4	•	54	6
143	HELWÂN	1017.0	NNE	5	23.9	36	•	8	1018.7	+0.2	—	•	12.0	24	+4	9	-1	73	+5	•	4	—	•	•	24	6
144	SUEZ	1017.4	NNW	2	23.8	42	•	8	1018.2	-0.6	N	2	13.8	25	+3	11	-1	84	+9	•	7	—	1	•	25	10
	UPPER EGYPT																									
153	FAIYÛM	1016.6	NNE	3	23.9	48	•	8	1019.0	0.0	N	1	14.4	25	+2	8	-1	80	+5	•	7	—	•	•	dr	3
154	MINYA	1015.9	NNW	2	24.0	42	•	8	1017.9	-1.4	N	1	12.5	24	+3	10	+1	83	+3	•	5	—	•	•	dr	—
155	ASYÛT	1016.4	WNW	2	23.2	43	•	8	1018.7	-1.0	WSW	4	13.2	25	+3	10	+2	85	+13	•	6	—	•	•	•	3
156	QENA	1015.4	W	1	27.3	42	•	8	1017.6	-0.9	NNW	1	14.4	27	+3	10	+1	58	-6	•	7	—	•	•	•	—
157	LUXOR	1014.6	NNE	3	28.4	39	•	8	1016.7	—	—	•	14.7	30	—	8	—	70	—	•	8	—	•	•	dr	—
158	ASWÂN	1012.4	N	1	30.6	28	1	8	1016.0	-2.3	—	•	18.5	33	+7	16	+4	54	+2	•	8	—	•	•	dr	—
	WESTERN DESERT																									
148	SÎWA	1019.1	ESE	1	22.8	76	•	6	1020.2	+0.7	—	•	12.8	24	+3	4	-2	—	—	•	6	—	•	•	dr	2
149	BAHARÎYA	1017.0	SW	2	24.1	41	•	9	1019.6	—	—	•	10.1	24	—	6	—	92	—	•	9	—	•	•	•	—
151	KHÂRGA	1015.4	N	2	27.2	48	•	9	1017.4	-1.2	—	•	14.6	27	+2	11	+3	69	+4	•	9	—	•	•	•	dr
152	DÂKHLA	1015.9	NNW	2	25.6	25	•	8	1018.8	-1.3	—	•	13.5	26	+2	10	+3	62	+5	•	8	—	•	•	•	—
	RED SEA																									
145	TÔR	1015.4	NW	3	24.5	76	•	6	1017.0	-0.5	N	3	15.8	25	+2	12	+2	71	+10	•	6	—	•	•	40	7
146	HURGHÂDA								1017.4	0.0	NW	2	20.0	26	+2	13	+1	59	+3	•	9	—	•	•	tr	dr
147	QUSEIR	1015.8	NW	3	26.0	56	•	7	1016.4	-0.6	WNW	2	22.3	27	+2	18	+2	47	-3	•	7	—	•	•	4	5
169	PORT SUDAN								1013.6	-1.5	NW	3	24.3	30	+2	21	-1	80	+12	3	—	—	1	5	79	72
	NORTH SUDAN																									
165	WÂDI HALFA								1016.3	-2.5	NNE	2	17.3	29	+3	15	+5	50	-2	•	8	—	•	—	—	—
166	KAREIMA								1013.9	-2.5	NNE	3	22.7	33	+2	19	+5	52	+14	•	8	—	•	•	dr	1
167	'ATBARA								1012.7	-1.7	N	3	23.0	33	+1	19	+3	62	+23	•	—	—	•	•	1	1
168	KHARTÛM								1012.8	-0.9	N	3	22.4	35	+2	18	+1	50	+13	3	7	Ci	•	•	2	5
170	KASSALA								1010.0	-2.2	ESE	2	23.7	36	+1	18	•	60	+2	1	8	Ci	•	•	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.0	-1.9	NNE	2	24.2	35	+1	16	-1	32	-7	•	—	—	•	•	16	13
173	DUEIM								1011.5	-1.5	NW	3	24.2	34	0	20	+4	36	+3	•	—	—	•	•	14	12
	RENK														—											
172	ROSEIRES																									37
174	EL OBEID								1012.4	-2.7	NNW	3	20.7	31	•	16	+4	34	-[illegible]	3	8	Ci	1	•	8	19
175	EL FÂSHER								—	—	NW	1	17.0	33	+1	14	+4	65	+[illegible]	•	—	—	•	•	32	8
	S. SUDAN																									
176	MALAKÂL								1009.9	-1.3	NNE	3	24.2	36	0	18	•	39	+[illegible]	4	8	Ci, Ac	1	•	47	93
177	WÂU								1009.5	-1.5	NW	2	22.8	37	+2	21	+3	72	+[illegible]	2	—	—	•	•	164	146
178	JÛBA								1009.2	-1.8	—	•	26.8	37	+1	22	+2	49	[illegible]	3	7	Sc	2	•	163	135
179	Geneina								—	—	ENE	2	14.1	35	—	11	—	47	—	2	8	Cs	•	•	14	—
180	Gallabat																									

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

Dir. = direction in degrees E. of N.; Kms = speed in kilometres per hour.

Height metres above M.S.L.	Salum 07h 45m Dir.	Salum Kms	Matruh 07h 00m Dir.	Matruh Kms	Dikheila 07h 45m Dir.	Dikheila Kms	Cairo 08h 30m Dir.	Cairo Kms	Helwan 08h 45m 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 06h 00m Dir.	Khartum Kms	Kassala 06h 00m Dir.	Kassala Kms	Malakal 06h 00m Dir.	Malakal Kms	Juba 06h 00m Dir.	Juba Kms	Salam Vt 13h 15m Dir.	Salam Vt Kms	Almaza 11h 30m Dir.	Almaza Kms
200	160	10	90	7	30	21	50	21	150	5	—	—	—	—	10	13	—	—	—	—	—	—	—	—	—	—	110	16	50	32
500	140	37	80	16	20	22	60	18	70	10	0	28	20	14	60	24	50	40	20	34	—	—	30	43	—	—	—	—	40	37
1000	130	36	90	20	20	7	200	9	220	11	10	19	70	28	40	21	50	32	30	34	30	31	30	56	230	18	140	17	60	36
1500	160	23			120	9	230	9	230	16	50	4	60	22	30	27	30	27	10	18	30	23	40	40	200	40	90	12	60	21
2000	180	18			100	3	—	•	250	5	190	6	50	17	40	27	30	29	10	18	330	24	60	27	190	51	90	13	60	18
3000					320	24	340	7	320	6					340	10	20	19	280	8	340	8	70	24	170	23	140	10		
4000							350	39	340	28					350	31			340	10										
5000									350	45					310	37														
6000																														

Forecast for 24 hours from noon on 12th

Light variable winds, becoming southeasterly and freshening on the coast tomorrow.
Clear or occasional low cloud at first, some high cloud tomorrow.
Milder by day.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٢

رياح متغيرة الاتجاه تتحول الى الجنوب الشرقي وتشتد نوعا على السواحل غدا

السماء صحو أو يظهر بها قليل من السحب المنخفضة في الابتداء ثم يظهر بعض

السحب العالية باكر - ويدفأ الطقس قليلا أثناء النهار

Station	Mean of day: Humidity % on 11th	Diff. from normal	Wet bulb temp. °C on 11th	Diff. from normal
Alexandria	68	+3	17.3	+4.4
Ezbekiya	86	+14	15.1	+2.6
Giza	89	+12	14.9	+2.6
Helwan	53	-7	14.0	+2.9

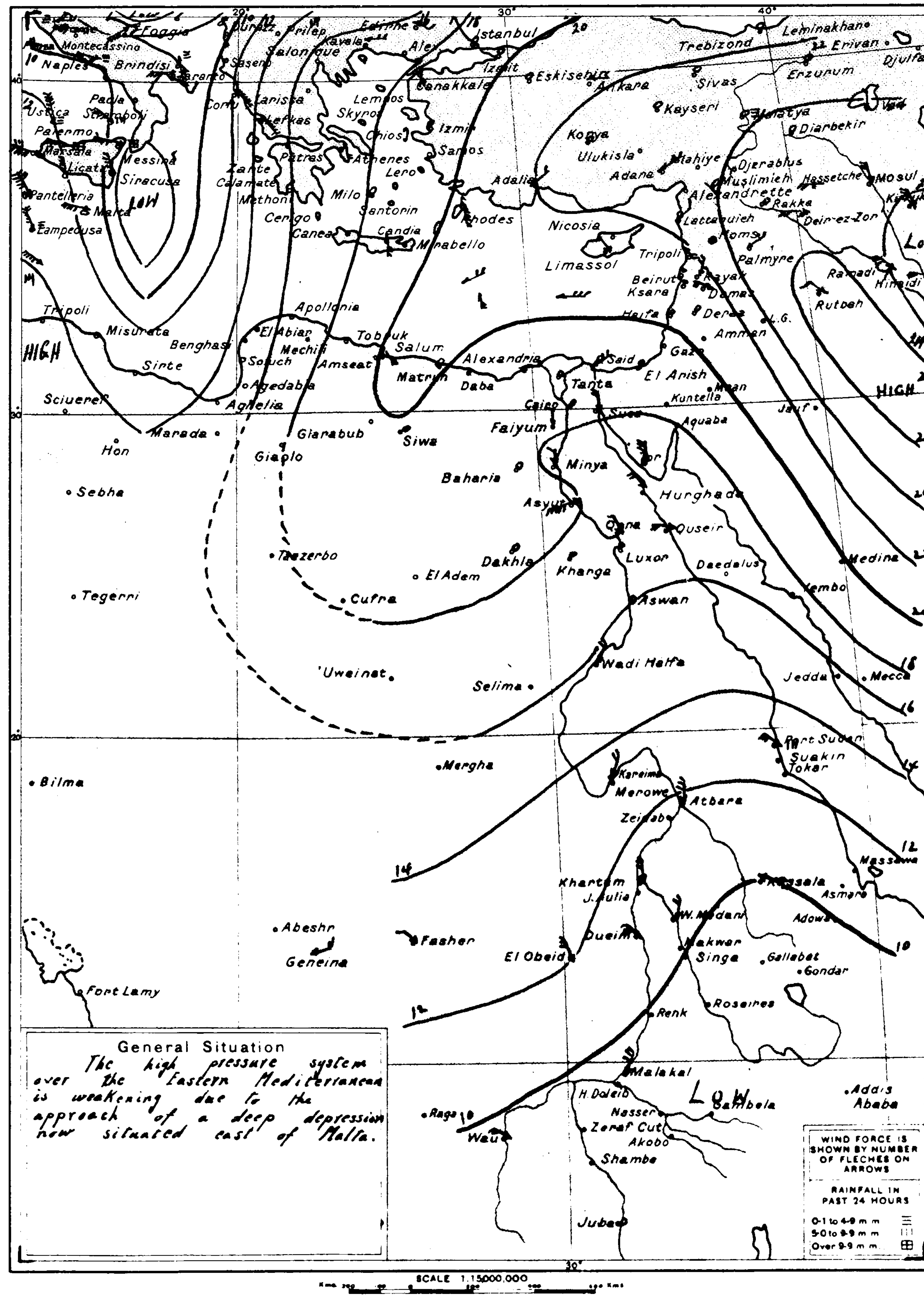
Giza Grass minimum on 12th 7.6 °C

Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
12-12	1450	1332
11-12	1565	1449

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	12-12	13.72	+0.24	13.73	+0.24
Nâsser	11-12	9.16	-0.26	9.26	-0.22
Malakâl	12-12	12.26	+0.12	12.27	+0.12
Roseires	12-12	13.18	+0.19	13.22	+0.19
Sennâr Res.	11-12	20.72	—	20.73	—
Khartûm	11-12	11.56	-0.16	11.60	-0.14
Kh. el Girba	—	—	—	—	—
'Atbara	12-12	10.97	-0.11	10.99	-0.09
Kajnarti	11-12	134.44	-0.26	134.48	-0.26
Wâdi Halfa	—	—	—	—	—
Aswân Res.	12-12	119.73	—	119.71	—
D. S.	12-12	86.77	+0.19	86.93	+0.13
El Leis	12-12	18.72	-0.21	18.77	-0.21
Roda (Cairo)	12-12	15.91	-0.19	15.97	-0.15

Pressure and Wind at 8 h. 12-12-37



General Situation

The high pressure system over the Eastern Mediterranean is weakening due to the approach of a deep depression now situated east of Malta.

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 8h. on 11th (الساعة ٨ يوم ١١) 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
Limassol (ليماسول)	1021	+4	—	•	13	—	—	—	—	—	—	•	—	—	—	—	—	—
Haifa (حيفا)	1021.6	+5.2	E	4	16.6	23	+2	13	+2	48	-18	•	—	—	—	•	252	171
Gaza (غزة)	1019.6	+3.0	—	•	11.3	22	+1	7	-3	85	+18	•	9	—	•	•	150	85

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 6h 43
sunset 16h 36

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month December 1937 ١٩٣٧ شهر ديسمبر

١٣-١٢-٣٧ Pressure and Wind at 8 h. 13-12-37

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
	MEDITERRANEAN							
130	SALÛM	1019.0	S	4	20.4	61	0	9
131	MATRÛH	1017.9	NE	2	21.0	68	2	6
150	DIKHEILA	1018.3	NNE	2	21.3	74	0	8
152	ALEXANDRIA	1017.5	NE	2	24.0	66	0	9
159	DAMIETTA							
134	PORT SAÏD	1016.8	NW	2	21.2	74	0	8
135	EL 'ARÎSH	1016.6	NNE	1	24.0	53	0	7
136	**LOWER EGYPT** DAMANHÛR							
137	MANSÛRA							
138	TANTA	1017.0	NNE	1	24.6	62	0	6
139	ZAGÂZÎG	1016.8	NNW	1	21.8	69	0	8
141	**MIDDLE EGYPT** CAIRO ALMÂZA	1017.2	NNE	2	22.5	61	0	7
	CAIRO EZBEKÎYA	1016.6	N	2	22.7	66	0	9
	CAIRO GÎZA	1016.4	NNE	2	21.6	70	0	6
143	HELWÂN	1015.8	WNW	2	21.9	62	8	3
144	SUEZ	1016.2	N	2	22.8	46	0	8
133	**UPPER EGYPT** FAIYÛM	1016.7	NNW	1	25.6	46	0	8
154	MINYA	1015.8	NNW	2	23.3	52	0	7
155	ASYÛT	1015.6	WNW	4	26.0	42	0	7
156	QENA	1014.6	WNW	1	28.0	33	0	8
157	LUXOR	1014.0	NE	2	29.2	32	0	8
158	ASWÂN	1013.1	N	2	29.6	23	0	8
148	**WESTERN DESERT** SÎWA	1017.4	ESE	1	22.4	79	0	6
149	BAHARÎYA	1016.8	NW	1	23.7	40	0	9
151	KHÂRGA	1014.8	N	2	27.7	47	0	9
152	DÂKHLA							
145	**RED SEA** TÛR	1014.2	NW	5	24.0	83	0	6
146	HURGHÂDA							
147	QUSEIR	1013.5	NW	3	27.1	42	0	7
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	Gallabat							

	STATION	At 8h. on Monday 13th الساعة ٨ يوم الاثنين 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.
	MEDITERRANEAN																		
130	SALÛM	1019.0	+1.2	SW	3	13.7	22	—	13	—	81	—	4	6	Cs	2	0	8	—
131	MATRÛH	1018.2	-0.2	SSE	1	12.8	21	+1	12	+2	90	+16	3	6	St	2	0	42	50
150	DIKHEILA	1019.0	—	—	0	15.4	22	—	12	—	93	—	1	6	As	1	0	30	—
152	ALEXANDRIA	1018.6	-0.1	—	0	18.4	27	+6	16	+4	85	+10	1	6	St	4	0	51	62
159	DAMIETTA	1018.3	—	—	0	14.1	25	—	10	—	99	—	8	3	—	4	0	52	33
134	PORT SAÏD	1017.8	+0.4	SW	2	15.2	24	+4	15	+3	100	+24	8	0	—	4	0	36	21
135	EL 'ARÎSH	1018.0	—	—	0	15.0	24	—	11	—	89	—	0	7	—	0	0	44	21
136	**LOWER EGYPT** DAMANHÛR	1018.8	+0.4	—	0	13.0	22	0	11	+1	100	+16	8	1	—	4	0	45	28
137	MANSÛRA	1018.0	—	N	2	11.8	26	+4	10	0	95	+14	8	2	—	4	0	74	11
138	TANTA	1018.7	0.0	—	0	13.0	26	+4	9	0	99	+17	8	2	—	4	0	46	9
139	ZAGÂZÎG	1019.4	—	WNW	1	10.8	22	-1	9	0	98	+16	8	2	—	4	0	27	5
141	**MIDDLE EGYPT** CAIRO ALMÂZA	1019.1	—	—	0	11.4	24	—	6	—	93	—	8	1	—	4	0	32	—
	CAIRO EZBEKÎYA	1018.2	-0.7	N	1	12.5	25	+4	10	0	100	+19	8	1	—	4	0	14	7
	CAIRO GÎZA	1018.4	-1.2	NNW	1	12.6	23	+2	9	+1	100	+16	8	1	—	4	0	54	6
143	HELWÂN	1017.9	-0.6	—	0	11.6	23	+3	10	0	63	-5	0	4	—	0	0	24	6
144	SUEZ	1018.0	-0.9	NNE	2	11.4	23	+1	9	-3	83	+8	0	7	—	1	0	25	11
133	**UPPER EGYPT** FAIYÛM	1018.7	-0.4	NE	1	11.8	28	+5	7	-2	78	+3	1	5	Ac	0	0	dr	3
154	MINYA	1018.4	-0.9	NNW	1	12.3	24	+3	8	-1	77	-3	0	5	—	0	0	dr	—
155	ASYÛT	1018.2	-1.6	NNW	3	12.8	27	+5	10	+2	82	+10	0	6	—	0	0	0	3
156	QENA	1017.4	-1.2	WNW	2	14.8	29	+5	12	+3	65	+1	0	7	—	0	0	0	—
157	LUXOR	1017.2	—	ENE	2	16.3	31	—	8	—	67	—	0	8	—	0	0	dr	—
158	ASWÂN	1017.0	-1.4	N	1	17.2	30	+4	15	+4	56	+4	0	8	—	0	0	dr	—
148	**WESTERN DESERT** SÎWA	1018.0	-1.5	—	0	10.7	24	+3	4	-2	63	-7	0	6	—	0	0	dr	2
149	BAHARÎYA	1019.0	—	SSW	1	10.0	24	—	4	—	68	—	0	9	—	0	0	0	—
151	KHÂRGA	1017.6	-1.1	N	1	17.2	29	+4	14	+6	68	+3	0	9	—	0	0	0	dr
152	DÂKHLA	1018.4	-1.8	—	0	14.6	29	+5	10	+3	56	-1	0	8	—	0	0	0	—
145	**RED SEA** TÛR	1016.0	-1.6	N	2	16.1	25	+2	13	+3	70	+10	0	6	—	0	0	40	7
146	HURGHÂDA	1016.3	-1.1	NW	3	20.5	26	+2	13	+1	52	-4	0	9	—	0	0	tr	dr
147	QUSEIR	1016.3	-0.8	WNW	2	23.1	28	+3	19	+3	31	-19	0	7	—	0	0	4	5
169	PORT SUDAN	1014.2	-0.9	N	3	24.1	28	0	21	-1	79	+11	2	—	—	0	43	122	73
165	**NORTH SUDAN** WÂDI HALFA	1016.9	-2.0	ENE	1	15.3	30	+4	13	+3	46	-6	0	8	—	0	—	—	—
166	KAREIMA	1014.8	-1.7	ENE	2	21.5	32	+1	19	+5	46	+8	1	8	Ci	0	0	dr	1
167	'ATBARA	1013.3	-1.1	NNE	3	23.5	32	0	18	+3	60	+21	0	—	—	0	0	1	1
168	KHARTÛM	1013.1	-0.6	N	3	25.0	35	+2	17	0	34	-3	2	8	Ci	0	0	2	5
170	KASSALA	1010.8	-1.5	ESE	2	21.7	35	0	15	-3	43	-15	0	8	—	0	0	dr	11
171	**CENTRAL SUDAN** WAD MEDANI	1011.5	-1.5	NNE	2	23.2	34	0	14	-3	36	-4	3	—	—	1	0	16	13
173	DUEIM	1011.8	-1.3	NW	3	24.6	35	+1	18	+2	37	+4	2	—	—	0	0	14	12
	RENK																		
172	ROSEIRES	1010.4	-1.1	NW	1	22.3	37	+1	16	0	45	-1	2	—	—	0	0	38	37
174	EL OBEID	1012.7	-2.5	N	3	19.8	33	+2	16	+4	40	+3	4	8	Cs	1	0	8	19
175	EL FÂSHER	—	—	N	1	17.0	32	0	12	+2	65	+30	0	—	—	0	0	32	8
176	**S. SUDAN** MALAKÂL	—	—	N	3	24.1	34	-2	18	+1	33	+1	4	8	Ci	1	0	47	93
177	WÂU	1009.6	-1.5	NW	2	22.0	37	+2	20	+2	87	+25	3	—	—	0	0	164	146
178	JÛBA	1010.3	-0.7	—	0	27.7	39	+3	23	+3	39	-27	1	5	Sc	2	0	163	135
179	Geneina	—	—	ENE	2	14.8	32	—	11	—	49	—	3	7	Cs Ac	1	0	14	—
180	Gallabat																		

Upper Wind Observations on 13th ارصاد الرياح العليا يوم ١٣

Height metres above M.S.L.	Salum 07h 45m Dir. E of N	Salum Kms per hour	Matruh 07h 00m Dir. E of N	Matruh Kms per hour	Dikheila 07h 30m Dir. E of N	Dikheila 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	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	Juba 06h 00m Dir. E of N	Juba Kms per hour	Salum 13h 30m Dir. E of N	Salum Kms per hour	Almaza 12h 30m Dir. E of N	Almaza Kms per hour
200	180	13	80	5	—	—	330	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	230	20	20	7
500	—	—	70	7	—	0	30	15	350	10	30	18	50	29	40	42	0	39	—	—	—	—	10	43	—	—	—	—	80	16
1000	150	10			300	13	20	9	310	3	50	24	50	34	50	60	10	31	30	44	30	51	20	43	170	32	210	17	210	10
1500	210	18			220	13	230	11	210	14	50	23	50	27	40	27	20	14	—	—	30	32	40	32	200	18	200	23	260	6
2000	240	29			250	18	230	5	30	6	70	26	50	18	10	26	30	11	260	24	310	27	70	29	210	14	Tail		270	5
3000	240	43			210	25	320	15			30	54	20	40	300	16	40	11	350	47	260	31							330	17
4000															0	29	120	18	120	23									350	26
5000																													340	35
6000																													340	51

Forecast for 24 hours from noon on 13th

Light variable winds, chiefly northerly inland.
Day temperature remaining above normal.
Little change.

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم ١٣
رياح خفيفة متغيرة بوجه عام شمالية في الداخل.
وتستمر درجة الحرارة بالنهار فوق المتوسط.
وليس هناك تغير يذكر في الحالة الجوية

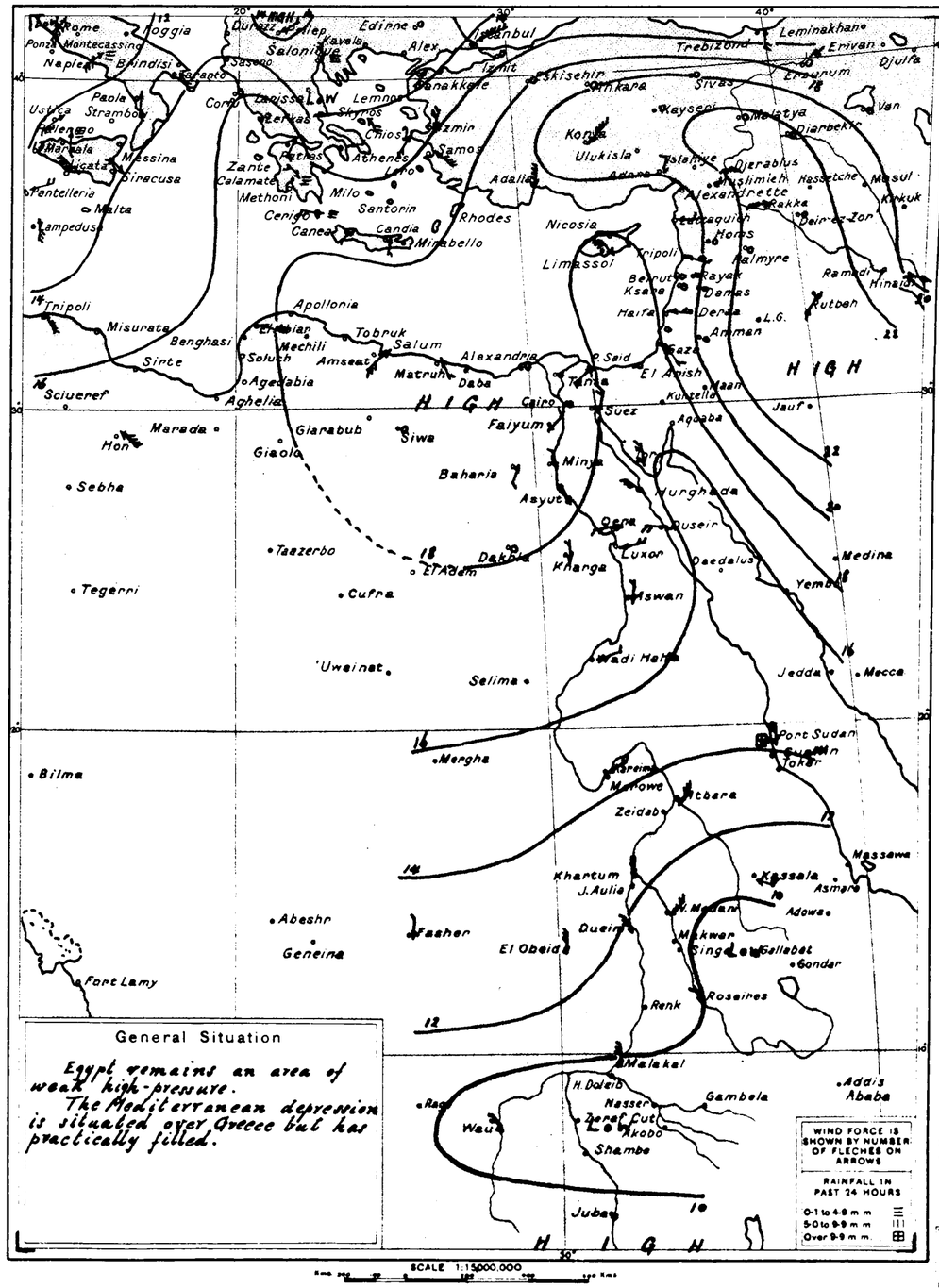
STATION	Mean of day on 12th Humidity %	Diff. from normal	Wet Bulb Temp. °C on 12th	Diff. from normal
Alexandria	71	+6	18.1	+5.3
Ezbekiya	91	+19	14.9	+2.5
Giza	93	+16	14.3	+2.1
Helwân	67	+7	13.8	+2.7

Giza Grass minimum on 13th 7.5°C

Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
13-12	1332	1214
12-12	1450	1332

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	13-12	13.71	+0.22	13.72	+0.24
Nâsser	12-12	9.05	-0.22	9.16	-0.26
Malakâl	13-12	12.34	+0.11	12.36	+0.12
Roseires	13-12	13.15	+0.20	13.18	+0.19
Sennâr Res.	13-12	20.72	—	20.72	—
Khartûm	12-12	11.53	-0.17	11.55	-0.16
Kh. el Girba	—	—	—	—	—
Atbara	12-12	10.97	-0.11	10.99	-0.09
Kajnarti	12-12	134.40	+0.28	134.44	+0.26
Wâdi Halfa	—	—	—	—	—
Aswân Res	13-12	119.73	—	119.73	—
D.S.	13-12	86.60	+0.22	86.77	+0.19
El Leisi	13-12	18.66	+0.22	18.73	+0.21
Roda (Cairo)	13-12	16.86	+0.21	16.91	+0.19



General Situation

Egypt remains an area of weak high-pressure.
The Mediterranean depression is situated over Greece but has practically filled.

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 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

STATION	At 8h on 12th الساعة ٨ يوم 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 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	1020	+3	NW	1	21	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1020.6	+4.2	—	0	18.6	25	+4	15	+4	49	-17	0	—	—	—	0	252	178	حيفا
Gaza	1018.7	+2.0	—	0	13.8	23	+2	9	-1	91	+19	0	9	—	0	0	150	89	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. 43 m.
sunset 16 h. 56 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month December 1937 ١٩٣٧ شهر ديسمبر

At 14h. on 13th — الساعة ١٤ يوم ١٣

No.	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
130	MEDITERRANEAN: SALÛM	1017.4	SSE	4	20.0	59	2	8
131	MATRÛH	1017.1	—	0	22.4	59	4	6
150	DIKHEILA	1019.1	NNW	2	21.2	70	2	8
132	ALEXANDRIA	1017.6	NNW	1	21.9	66	1	9
159	DAMIETTA							
134	PORT SAÏD	1017.2	NW	2	20.8	82	1	5
135	EL 'ARÎSH	1016.4	—	0	22.0	74	0	7
136	LOWER EGYPT: DAMANHÛR							
137	MANSÛRA							
[illegible]	TANTA	1017.4	—	0	23.5	58	1	6
[illegible]	ZAGÂZÎG	1017.8	NW	1	18.8	84	0	8
[illegible]	MIDDLE EGYPT: CAIRO ALMÂZA							
[illegible]	CAIRO EZBEKÎYA	1017.2	NNE	1	20.5	74	0	8
[illegible]	CAIRO GÎZA	1017.2	N	1	20.1	66	2	6
143	HELWÂN	1016.8	WNW	4	20.2	55	8	3
144	SUEZ	1016.8	NNE	2	21.3	46	0	8
153	UPPER EGYPT: FAIYÛM	1017.4	ENE	1	21.2	59	1	8
154	MINYA	1016.3	NNW	1	23.1	49	0	8
155	ASYÛT	1017.0	W	3	24.0	39	0	8
156	QENA	1015.5	NNW	2	28.0	35	0	8
157	LUXOR	1015.1	NNW	2	30.0	32	0	8
158	ASWÂN	1013.4	N	3	29.3	19	0	8
148	WESTERN DESERT: SÎWA	1017.0	—	0	22	77	0	6
149	BAHARÎYA	1016.8	—	0	24.9	40	0	9
151	KHÂRGA	1015.9	N	1	27.8	52	0	9
152	DÂKHLA	1016.6	NNW	1	26.1	25	0	8
145	RED SEA: TÔR	1015.0	NW	3	24.5	64	0	6
146	HURGHÂDA							
147	QUSEIR	1015.5	N	3	26.9	45	0	7
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	Gallabat							

At 8h. on Tuesday 14th — الساعة ٨ يوم الثلاثاء ١٤

No.	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.
130	SALÛM	1016.7	-1.1	SW	6	15.8	22	—	12	—	62	—	3	6	Cc	2	0	8	—
131	MATRÛH	1018.0	-0.5	ESE	2	11.3	23	+3	10	0	88	+14	3	6	St	2	0	42	51
150	DIKHEILA	1019.9	—	SW	1	12.0	22	—	10	—	90	—	0	5	—	1	0	30	—
132	ALEXANDRIA	1019.1	+0.4	SE	1	15.4	24	+3	14	+2	85	+10	2	3	Cs	4	0	51	64
159	DAMIETTA	1019.4	—	—	0	12.6	25	—	10	—	99	—	8	4	—	4	0	52	33
134	PORT SAÏD	1019.6	+2.2	SE	2	15.5	22	+2	13	+1	98	+22	8	0	—	4	0	36	22
135	EL 'ARÎSH	1019.4	—	SSE	1	14.0	23	—	12	—	91	—	8	4	—	4	0	44	21
136	DAMANHÛR	1019.1	+0.7	SE	1	12.4	25	+3	12	+2	98	+14	8	3	—	4	0	45	28
137	MANSÛRA	1019.2	—	W	1	11.5	24	+2	9	-1	96	+15	8	1	—	4	0	74	11
[illegible]	TANTA	1019.5	+0.8	—	0	11.0	25	+4	9	0	100	+18	8	2	—	4	0	46	9
[illegible]	ZAGÂZÎG	1020.2	—	NE	1	12.3	20	-2	7	-1	95	+13	8	2	St	4	0	27	5
[illegible]	CAIRO ALMÂZA	1019.8	—	ESE	1	12.6	21	—	7	—	74	—	2	5	Ci	—	0	32	—
[illegible]	CAIRO EZBEKÎYA	1019.4	+0.5	SW	1	10.7	23	+2	9	0	98	+17	8	3	—	4	0	14	7
[illegible]	CAIRO GÎZA	1019.6	0.0	—	0	7.3	21	0	5	-3	99	+15	8	4	St	4	0	54	6
143	HELWÂN	1019.1	+0.6	—	0	13.4	22	+2	10	6	57	-11	0	6	—	0	0	24	6
144	SUEZ	1019.1	+0.2	NE	1	10.4	22	0	10	-2	98	+23	8	0	—	4	0	25	11
153	FAIYÛM	1019.5	+0.4	—	0	9.2	24	+2	6	-3	89	+14	8	1	—	4	0	tr	3
154	MINYA	1019.2	-0.1	N	1	11.5	24	+3	8	0	78	-2	0	5	—	0	0	tr	—
155	ASYÛT	1019.6	-0.3	S	2	12.8	26	+5	8	0	68	-4	0	6	—	0	0	0	3
156	QENA	1019.6	+1.0	NNW	1	13.1	30	+6	9	0	45	-19	0	7	—	0	0	0	—
157	LUXOR	1019.0	—	ENE	2	13.8	30	—	7	—	73	—	0	8	—	0	0	tr	—
158	ASWÂN	1018.0	-0.5	N	1	16.5	30	+4	13	+2	42	-10	0	8	—	0	0	tr	—
148	SÎWA	1019.1	-0.4	—	0	11.3	23	+2	4	-2	65	-5	0	6	—	0	0	tr	2
149	BAHARÎYA	1019.1	—	—	0	10.0	25	—	4	—	64	—	0	7	—	0	0	0	—
151	KHÂRGA	1019.0	+0.3	N	1	16.8	28	+3	13	+5	65	0	0	9	—	0	0	0	tr
152	DÂKHLA																		—
145	TÔR	1018.3	+0.7	N	1	17.8	26	+3	11	+1	48	-12	0	6	—	0	0	40	7
146	HURGHÂDA	1018.8	+1.3	NNW	3	18.6	26	+2	12	0	55	-1	0	9	—	0	0	tr	tr
147	QUSEIR	1017.8	+0.7	NNW	1	22.1	28	+3	18	+2	31	-19	0	7	—	0	0	4	5
169	PORT SUDAN	1015.0	-0.1	—	0	22.6	28	0	20	-1	76	+8	5	—	—	8	tr	122	74
165	WÂDI HALFA	1017.1	-1.8	N	2	17.3	29	+3	14	+5	33	-19	0	8	—	0	—	—	—
166	KAREIMA	1015.2	-1.3	NE	3	21.3	31	0	19	+5	57	+19	1	8	Ci	0	0	tr	1
167	'ATBARA	1013.6	-0.9	ENE	3	22.7	32	0	17	+2	46	+8	0	—	—	0	0	1	1
168	KHARTÛM	1012.3	-1.5	NE	4	21.6	34	+1	17	0	43	+6	2	8	Ci	0	0	2	5
170	KASSALA	1010.3	-2.0	NE	4	25.0	35	0	20	+3	54	-5	2	8	Ci	0	0	tr	11
171	WAD MEDANI	1011.2	-1.8	NE	2	22.0	33	-1	14	-3	65	+15	0	—	—	0	0	16	13
173	DUEIM	1011.5	-1.7	N	3	23.6	34	0	19	+4	42	+9	0	—	—	0	0	14	12
	RENK																		
172	ROSEIRES	1009.6	-1.9	NNW	1	23.2	35	-1	15	-1	41	-5	0	—	—	0	0	38	37
174	EL OBEID	1012.1	-3.1	NNE	4	20.0	32	+1	15	+3	43	+6	2	7	Cs	1	0	8	17
175	EL FÂSHER	—	—	N	1	26.0	33	+1	11	+1	64	+29	0	—	—	0	0	32	8
176	MALAKÂL	1009.0	-2.2	N	4	23.6	35	-1	19	+2	33	+1	1	8	Ci	1	0	47	93
177	WÂU	1009.0	-2.1	NW	1	23.0	37	+2	19	+1	66	+5	0	—	—	0	0	164	146
178	JÛBA	1009.8	-1.2	SW	3	25.2	37	+1	21	+1	54	-12	0	4	—	0	0	163	136
179	Geneina																		
180	Gallabat	—	—	NE	3	16.4	33	—	11	—	32	—	2	8	Cs, Ac	0	0	14	—

Upper Wind Observations on 14th — ارصاد الرياح العليا يوم ١٤

Height metres above M.S.L.	Salum 07h00m Dir. E.of N.	Kms. per hour	Matruh 07h00m Dir.	Kms.	Dikheila 08h15m Dir.	Kms.	Cairo 08h40m Dir.	Kms.	Helwan 08h45m Dir.	Kms.	Asyut 07h00m Dir.	Kms.	Aswan 07h00m Dir.	Kms.	W.Halfa 06h00m Dir.	Kms.	Kareima 06h00m Dir.	Kms.	Khartum 06h00m Dir.	Kms.	Kassala 06h00m Dir.	Kms.	Malakal 06h00m Dir.	Kms.	Juba 07h00m Dir.	Kms.	Salum 13th 13h30m Dir.	Kms.	Almaza 12h15m Dir.	Kms.
200	230	40	170	38	130	28	120	4	240	2	—	—	—	—	50	16	—	—	—	—	—	—	—	—	—	—	160	20	10	6
500	220	48	220	28	120	17	80	13	150	8	10	5	60	29	70	35	70	40	40	27	—	—	20	45	—	—	150	18	40	13
1000	210	36	190	8	140	7	130	5	220	9	80	7	90	26	70	34	80	47	40	24	80	11	30	43	150	8	170	19	100	4
1500	210	39	210	28	220	12	200	8	200	15			90	26	80	27	70	40	20	43	250	5	50	37	180	21	220	27	60	10
2000	220	36	210	39	160	17			240	20			60	34	70	21	80	19	350	48	220	8	70	27	220	24	230	24	50	11
3000	tail				240	21			320	14					50	34	70	14	350	27	210	24	90	5	190	13			270	14
4000									330	15							50	13			260	5							300	23
5000									340	39							80	37			350	5							300	33
6000									300	14																				
7000									340	21																				

Forecast for 24 hours from noon on 14th

On the coast light southeast winds, becoming fresh to strong southerly.
Inland light variable winds, becoming moderate southeast. Rain on the coast in the west tomorrow. Mainly clear at first, high cloud developing. Warmer.
Further outlook: changeable.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٤
رياح خفيفة شرقية جنوبية على الساحل تشتد
وتتحول الى الجنوب
ورياح خفيفة متقلبة الاتجاه في الداخل تصير جنوبية
شرقية ومعتدلة فيما بعد
ومطر على الساحل في الغرب غدا
والسماء صحو أولا ثم تظهر السحب العالية ويدفأ
الطقس وسيتغير الطقس فيما بعد

Station	Mean of day: Humidity % on 13th	Diff from normal	Wet bulb temp. °C on 13th	Diff from normal
Alexandria	79	+14	16.9	+4.2
Ezbekiya	91	+19	14.7	+2.5
Giza	93	+16	13.6	+1.5
Helwân	52	-8	11.9	+1.1

Giza Grass minimum on 14th 4.2 °c

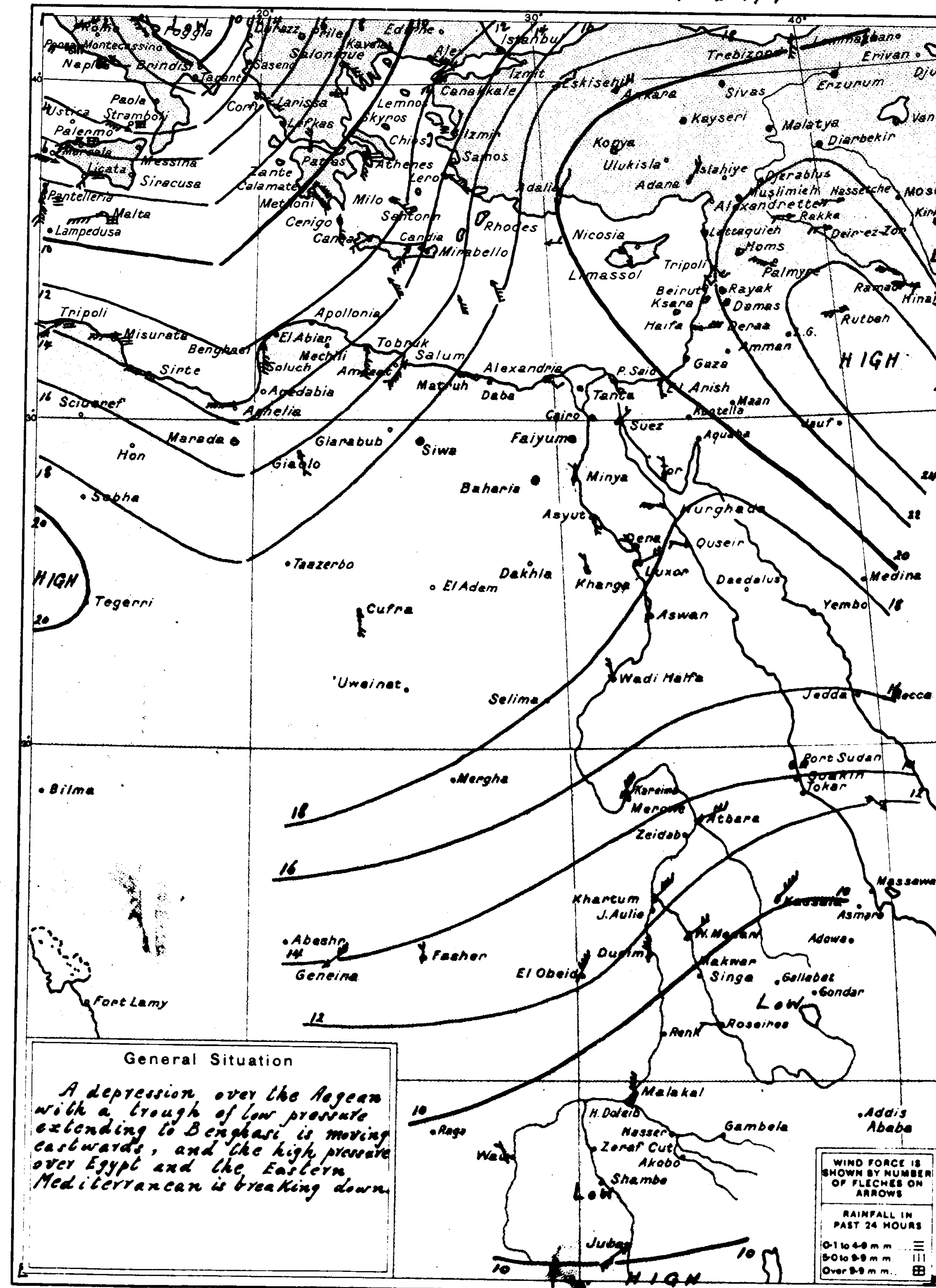
Discharges at Aswân measured by sluices m.³ per sec.

Date	1937	1936
14.12	1216	1193
13.12	1332	1214

Gauge	Date 1937	Reading m	Diff. from Normal m	Previous day Reading m	Previous day Diff. from Normal m
Jûba	13.12	13.71	+0.23	13.72	+0.24
Nâsser	13.12	8.93	-0.38	9.05	-0.32
Malakâl	14.12	12.23	+0.12	12.24	+0.11
Roseires	14.12	12.13	+0.20	12.15	+0.20
Sennâr Res.	13.12	20.70	—	20.72	—
Khartûm	14.12	11.51	-0.15	11.52	-0.16
Kh. el Girba					
'Atbara	14.12	10.92	-0.15	10.94	-0.14
Kajnarti	13.12	134.36	-0.29	134.40	-0.28
Wâdi Halfa					
Aswân Res.	14.12	119.84	—	119.78	—
Aswân D. S.	14.12	86.43	+0.24	86.60	+0.22
El Leisi	14.12	18.62	-0.22	18.66	-0.22
Rôda (Cairo)	14.12	15.91	-0.13	15.86	-0.21

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

Pressure and Wind at 8h. 14-12-1937 ١٤-١٢-١٩٣٧



General Situation

A depression over the Aegean with a trough of low pressure extending to Benghasi 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 8h on 13th — الساعة ٨ يوم ١٣

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
Limassol	1017	-1	NW	3	13	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1018.2	+1.8	E	2	16.8	25	+4	13	+3	50	-17	0	—	—	—	0	252	185	حيفا
Gaza	1017.9	+1.2	SE	1	12.9	25	+4	9	-1	—	—	0	9	—	0	0	150	93	غزة
Ship	33340		28306		14402		13865			61515		46617							سفينة

Remarks

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

CAIRO
Time of sunrise 06 h 44 m
sunset 16 h 57 m

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

DAILY WEATHER REPORT

Month December 1937 ١٩٣٧ شهر ديسمبر

At 14h. on 14th الساعة ١٤ يوم ١٤ — At 8h. on Wednesday 15th الساعة ٨ يوم الأربعاء ١٥

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	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
	MEDITERRANEAN SALÛM	1014.4	SSW	8	25.0	37	3	5	1019.4	+1.6	N	4	16.5	25	—	13	—	93	—	3	5	Ac	4	0	8	—
	MATRÛH	1016.0	SSE	3	24.4	41	4	6	1017.9	-0.6	SW	2	14.6	24	+4	11	+1	65	-9	4	6	St	2	0	42	52
	DIKHEILA	1018.6	—	0	23.0	53	1	7	1018.7	—	S	1	13.5	23	—	10	—	70	—	2	6	Ci	1	0	30	—
132	ALEXANDRIA	1017.8	SE	2	22.4	49	3	9	1019.2	+0.5	SSE	2	14.8	23	+3	14	+2	63	-12	3	7	Cs	0	0	51	66
159	DAMIETTA								1020.3	—	—	0	12.2	21	—	10	—	100	—	4	5	Ac	4	0	52	34
134	PORT SAÏD	1018.4	NE	3	20.5	75	0	8	1020.4	+3.0	SE	2	18.1	21	+1	11	-1	79	+3	1	5	Cc	1	0	36	22
135	EL 'ARÎSH	1017.8	NNE	1	20.5	65	0	7	1020.4	—	—	0	18.0	21	—	12	—	67	—	0	7	—	0	0	44	22
136	**LOWER EGYPT** DAMANHÛR								1020.2	+1.8	ESE	1	12.9	24	+2	12	+2	74	-10	3	5	Cu	1	0	45	29
137	MANSÛRA								1019.2	—	E	1	10.5	23	+1	9	-1	96	+15	1	5	Cs	1	0	74	11
	TANTA	1018.2	SSE	2	22.5	63	2	6	1020.0	+1.3	—	0	11.0	24	+3	8	-1	87	+5	3	5	Cc	1	0	46	9
	ZAGÂZÎG	1018.7	SE	1	21.3	65	0	8	1022.2	—	ENE	1	14.8	21	-1	8	0	80	-2	1	6	Cs	1	0	27	5
	MIDDLE EGYPT CAIRO ALMÂZA	1018.4	WNW	2	23.2	28	0	7	1020.4	—	SSW	1	16.9	26	—	8	—	37	—	4	7	Cs	2	0	32	—
	CAIRO EZBEKÎYA	1018.0	NE	1	24.8	40	0	9	1020.6	+1.7	—	0	13.0	26	+5	9	0	62	-19	4	6	Cs	0	0	14	7
	CAIRO GÎZA	1017.8	SSE	1	24.7	45	1	7	1020.4	+0.8	SSE	1	13.6	26	+5	7	-1	70	-14	3	6	As	2	0	54	6
143	HELWÂN	1017.9	S	1	22.3	38	1	7	1020.2	+1.6	E	2	15.6	23	+3	10	0	27	-41	2	6	Ci	0	0	24	6
144	SUEZ	1016.3	NE	1	22.3	47	0	8	1020.6	+1.6	NNW	1	12.2	23	+1	9	-3	71	-4	1	6	As	1	0	25	11
153	**UPPER EGYPT** FAIYÛM	1018.2	WNW	1	23.0	46	1	8	1020.3	+1.2	SSE	1	12.0	26	+4	7	-1	71	-4	2	5	Ac	0	0	dr.	3
154	MINYA	1017.4	NNW	1	23.7	40	0	7	1020.0	+0.6	N	1	13.5	25	+4	9	+1	70	-10	0	5	—	0	0	dr.	—
155	ASYÛT	1017.5	NNW	3	23.2	50	0	8	1019.6	-0.4	ESE	3	13.2	25	+4	9	+1	45	-27	0	7	—	0	0	0	3
156	QENA	1016.4	WSW	1	29.4	38	0	8	1019.4	+0.7	NNE	1	14.8	31	+7	10	+1	44	-20	0	7	—	0	0	0	—
157	LUXOR	1015.9	NNE	3	28.8	32	0	8	1018.8	—	E	3	13.1	30	—	7	—	69	—	0	8	—	1	0	dr.	—
158	ASWÂN	1013.9	NE	2	32.0	20	0	8	1018.4	-0.6	N	1	16.5	33	+8	14	+3	65	+13	0	8	—	0	0	dr	—
148	**WESTERN DESERT** SÎWA	1015.1	ESE	1	26.8	64	2	6	1017.9	-1.7	—	0	12.	28	+7	5	-1	73	+3	2	6	Cs	1	0	dr.	2
149	BAHARÎYA	1017.1	SW	1	26.4	30	2	9	1019.9	—	—	0	11.1	27	—	5	—	62	—	0	9	—	0	0	0	—
151	KHÂRGA	1016.4	N	1	27.2	45	0	9	1019.1	+0.3	N	1	15.0	28	+3	10	+2	62	-3	0	9	—	0	0	0	dr.
152	DÂKHLA	1016.7	—	0	28.6	20	0	8	1019.8	-0.4	—	0	11.0	30	+7	6	-1	43	-14	0	8	—	0	0	0	—
145	**RED SEA** TÔR	1017.0	NW	2	25.5	58	0	6	1019.0	+1.3	N	3	15.2	27	+4	11	+1	42	-18	0	6	—	0	0	40	7
146	HURGHÂDA								1019.2	+1.7	WSW	3	20.5	25	+1	11	-1	56	0	2	9	St	1	0	tr.	dr.
147	QUSEIR	1016.8	NE	2	24.9	64	0	7	1018.7	+1.5	W	2	21.0	27	+2	18	+2	55	+5	0	7	—	0	0	4	5
169	PORT SUDAN								1016.6	+1.4	NW	2	23.5	29	+1	18	-3	59	-9	2	—	—	0	1	123	75
165	**NORTH SUDAN** WÂDI HALFA								1017.8	-1.2	NE	1	16.2	30	+5	13	+4	54	+2	0	8	—	0	—	—	—
166	KAREIMA								1015.5	-1.1	ENE	2	20.3	31	0	18	+4	47	+9	1	8	—	0	0	dr.	1
167	'ATBARA								1013.9	-0.6	ENE	3	21.8	32	+1	16	+1	36	-2	0	—	—	0	0	1	1
168	KHARTÛM								1012.5	-1.4	N	4	22.1	34	+1	17	+1	50	+13	1	8	Ci	0	0	2	5
170	KASSALA								1010.0	-2.3	NE	2	24.1	36	+1	18	+1	53	-6	1	8	Ci	0	0	dr.	11
171	**CENTRAL SUDAN** WAD MEDANI								1010.8	-2.3	NE	3	23.0	34	0	14	-2	53	+13	0	—	—	0	0	16	13
173	DUEIM								1011.0	-2.3	N	3	24.0	34	0	19	+4	51	+18	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1009.5	-2.1	N	1	22.6	37	+1	16	0	43	-3	0	—	—	0	0	38	37
174	EL OBEID								1012.0	-3.3	NE	3	20.4	33	+2	15	+3	40	+3	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	N	1	15.0	32	+1	11	+1	68	+33	0	—	—	0	0	32	8
176	**S. SUDAN** MALAKÂL								1009.5	-1.9	N	3	23.1	35	-1	20	+3	38	+7	3	8	Ac	1	0	47	93
177	WÂU								1009.6	-1.5	N	2	23.5	37	+2	20	+2	38	-23	1	—	—	0	0	164	146
178	JÛBA								1009.9	-1.2	W	3	26.8	37	+1	24	+4	56	-9	4	3	Cu Sc	2	0	163	136
179 / 180	Geneina / Gallabat								—	—	ENE	3	15.6	33	—	9	—	32	—	4	8	As	1	0	14	—

Upper Wind Observations on 15th ارصاد الرياح العليا يوم ١٥

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

Height metres above M.S.L.	Salum 07h45m Dir	Kms	Matruh 07h00m Dir	Kms	Dikheila 07h45m Dir	Kms	Cairo 08h30m Dir	Kms	Helwan 08h45m Dir	Kms	Asyut 07h00m Dir	Kms	Aswan 07h00m Dir	Kms	Wadi Halfa 06h00m Dir	Kms
200	0	30	260	24	200	14	200	17	120	4	—	—	—	—	30	16
500	30	23	230	18	230	23	280	13	240	12	70	13	70	30	80	40
1000	80	11	230	23	30	29	270	16	260	16	140	19	90	37	110	35
1500	250	14			250	18	230	13	240	10	140	16	110	39	100	26
2000	Ent. Cb.				250	32	280	12	270	9	90	13			80	53
3000					250	34	240	14	240	10					80	40
4000									260	12						
5000									290	10						
6000									300	21						
7000									260	47						

Height metres above M.S.L.	Kareima 06h00m Dir	Kms	Khartum 05h00m Dir	Kms	Kassala 06h00m Dir	Kms	Malakal 06h00m Dir	Kms	Juba 07h00m Dir	Kms	Salum 14th 13h30m Dir	Kms	Almaza 14th 12h45m Dir	Kms
200	—	—	—	—	—	—	—	—	—	—	230	60	260	5
500	70	37	50	37	—	—	30	47	—	—	220	66	190	7
1000	70	47	50	43	90	13	30	60	90	6	220	48	190	8
1500	50	31	20	21	80	10	30	34	220	3			240	13
2000	90	27	10	29	200	6	50	26	260	21			250	18
3000	100	21			240	37			190	26			300	1
4000	80	23			170	18								
5000					50	10								
6000					130	2								
7000														

Forecast for 24 hours from noon on 15th

On the coast moderate southwest winds, veering to west or northwest.
Inland light southeast winds, becoming moderate westerly.
Much high cloud; low cloud later.
Possibly light rain near the coast.
Somewhat cooler tomorrow.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر ١٥

رياح معتدلة جنوبية غربية تتحول الى الغرب أو الشمال الغربي على الساحل. ورياح خفيفة جنوبية شرقية تتحول الى غربية معتدلة فى الداخل. يكثر السحاب العالى ثم تتكون بعض السحاب المنخفض. ويمكن ان يمطر خفيفا على الساحل. الطقس اميل للبرودة قليلا غدا

STATION	Mean of day: Humidity % on 14th	Diff from Normal	Wet Bulb Temp. °C on 14th	Diff from Normal
Alexandria	70	+5	15.2	+2.6
Ezbekiya	82	+10	13.1	+1.1
Gîza	90	+13	11.8	-0.2
Helwân	44	-16	11.7	+1.0

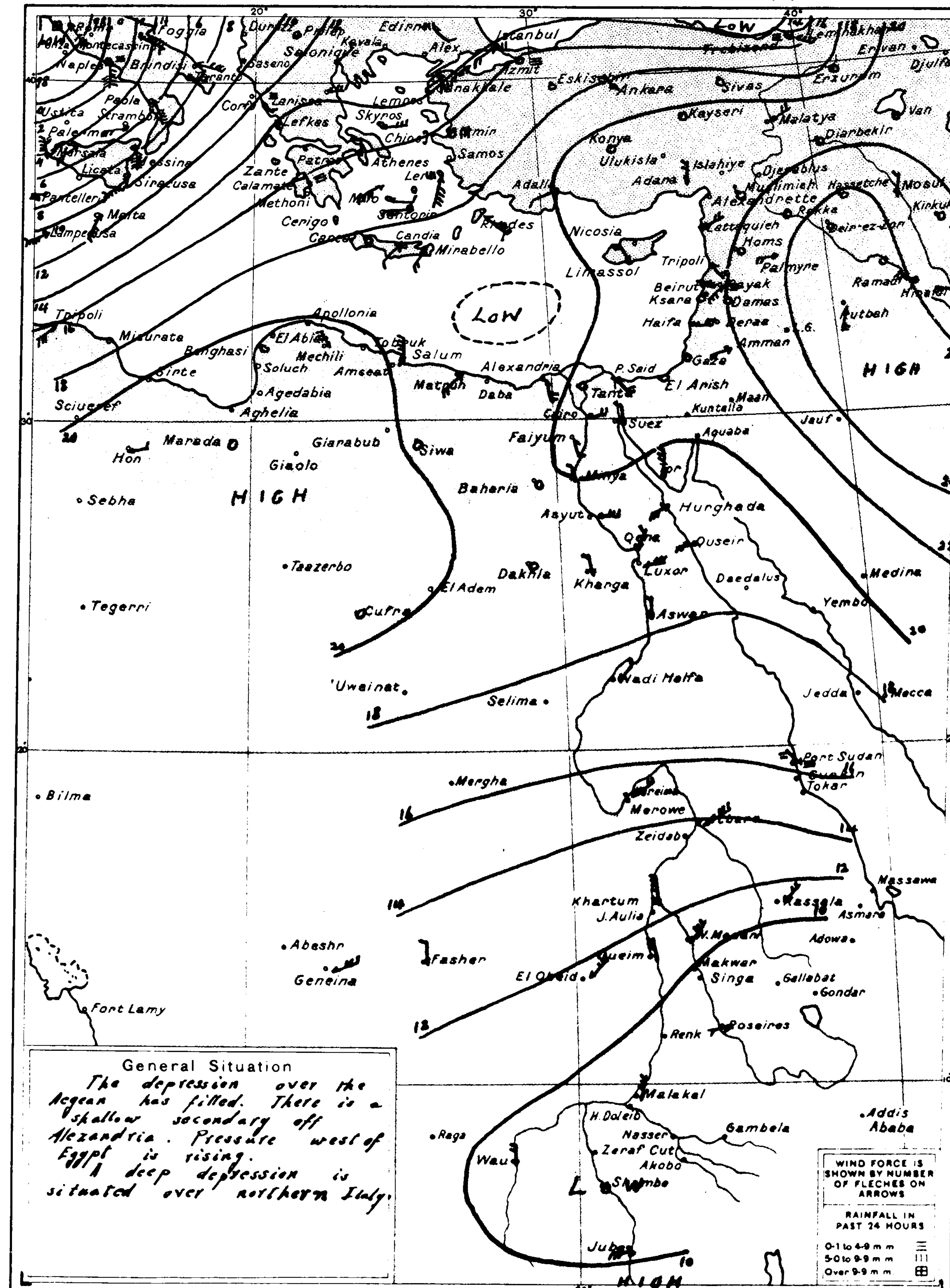
Gîza Grass minimum on 15th 4.8°C

Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
15-12	1158	1471
14-12	1216	1193

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	15-12	13.71	+0.23	13.72	+0.24
Nâsser	14-12	8.81	-0.42	8.93	-0.38
Malakâl	15-12	12.21	+0.12	12.23	+0.12
Roseires	15-12	13.10	+0.21	13.13	+0.20
Sennâr Res.	14-12	20.70	—	20.70	—
Khartûm	14-12	11.51	-0.15	11.52	-0.16
Kh. el Girba					
'Atbara	15-12	10.90	-0.16	10.92	-0.15
Kajnarti	14-12	134.33	-0.28	134.36	-0.29
Wâdi Halfa					
Aswân Res.	15-12	119.90	—	119.84	—
D.S.	15-12	86.35	+0.16	86.43	+0.24
El Leisi	15-12	18.60	-0.21	18.62	-0.22
Rôda (Cairo)	15-12	15.91	-0.10	15.91	-0.13

١٩٣٧-١٢-١٥ Pressure and Wind at 8 h. 15-12-1937.



General Situation

The depression over the Aegean has filled. There is a shallow secondary off Alexandria. Pressure west of Egypt is rising.
A deep depression is situated over northern 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 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	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	Total fr Oct 1 to yesterday m	Normal fr Oct 1 to yesterday m	مرصد
Limassol	1020	+2	NW	2	13	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1020.3	+3.9	E	3	17.0	27	+7	12	+2	52	-15	0	—	—	—	0	252	191	حيفا
Gaza	1019.4	+2.7	—	0	11.1	24	+4	8	-2	78	+6	0	9	—	0	0	150	98	غزة
Dakhla	1020.2	0.0	—	0	11.6	28	+5	7	0	46	-11	0	8	—	0	0	0	—	الداخله
Ship	43147 - 42306 - 16402 - 16880																		سفينة

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 45 m
sunset 16 h 57 m

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

DAILY WEATHER REPORT

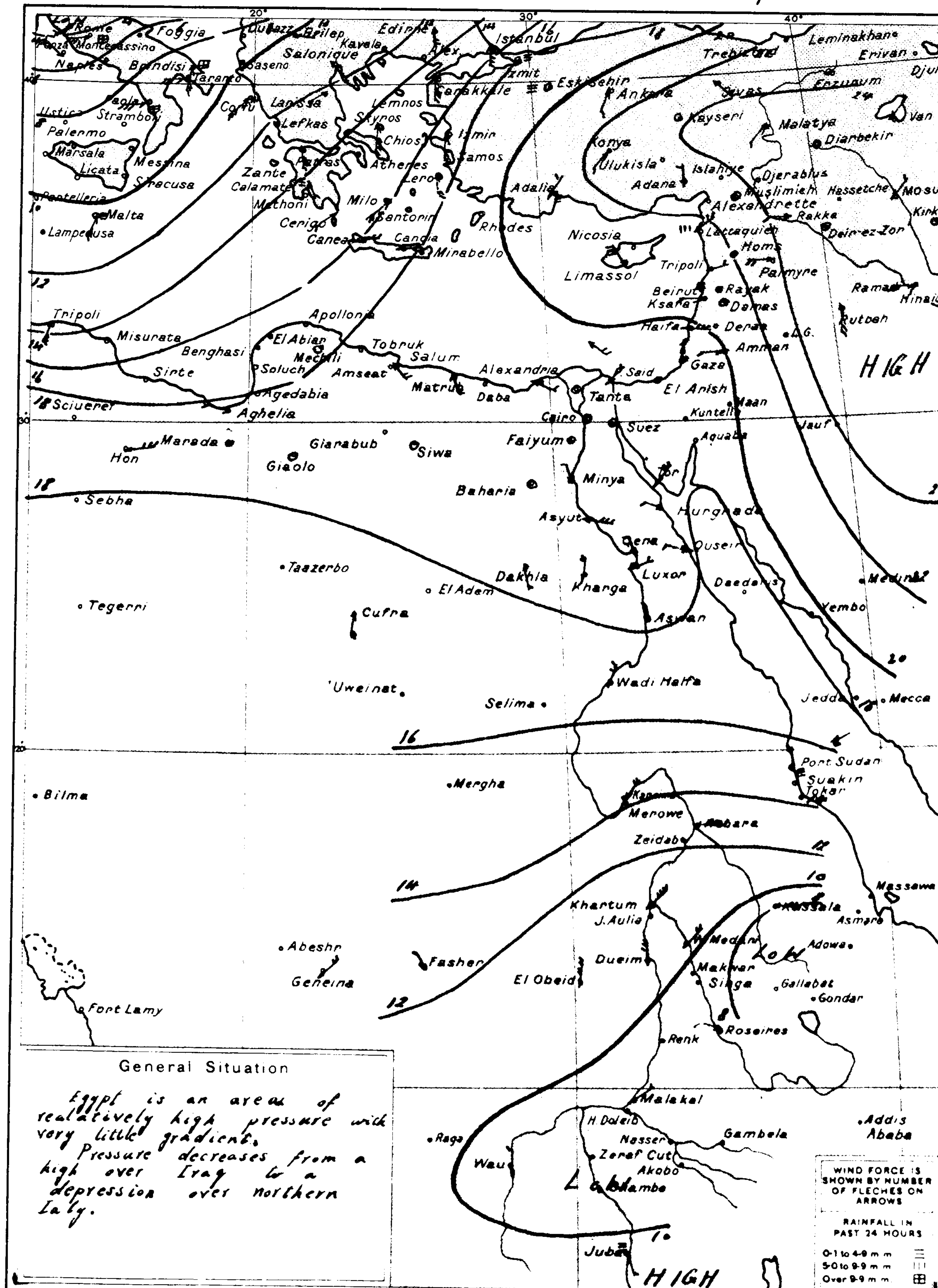
Month December 1937 ١٩٣٧ شهر ديسمبر — ١٦-١٢-٣٧

At 14h. on 15th (الساعة ١٤ يوم ١٥) — At 8h. on Thursday 16th (الساعة ٨ يوم الخميس ١٦)

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	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	1019.5	ENE	2	19.0	85	4	7	1020.3	+2.6	SE	2	15.5	21	—	15	—	97	—	3	5	Sc	4	0	8	—
131	MATRÛH	1017.6	NW	1	20.7	92	4	6	1019.1	+0.6	SSE	2	15.2	21	+1	13	+3	99	+15	8	4	—	0	0	42	53
150	DIKHEILA	1019.5	N	1	21.9	65	4	7	1020.0	—	—	0	15.9	26	—	13	—	76	—	3	6	As	1	0	30	—
132	ALEXANDRIA	1019.0	—	0	26.0	36	3	8	1019.8	+1.1	SE	1	17.0	26	+6	14	+2	61	-14	1	7	Cu	0	0	51	68
159	DAMIETTA								1019.6	—	—	0	16.5	25	—	12	—	100	—	8	5	Ac	2	0	52	34
134	PORT SAÏD	1019.4	SE	2	21.2	59	1	6	1020.0	+2.5	NE	1	18.8	25	+5	15	+3	85	+9	1	8	Cs	2	0	36	23
135	EL ʿARÎSH	1019.0	NNW	1	21.5	62	4	7	1019.5	—	—	0	15.0	23	—	11	—	60	—	2	7	St	1	0	44	22
136	LOWER EGYPT — DAMANHÛR								1020.7	+2.3	—	0	13.0	26	+4	12	+3	85	+1	2	5	Cu	1	0	45	30
137	MANSÛRA								1019.9	—	N	1	13.2	25	+3	10	+1	97	+16	8	2	—	4	0	74	11
	TANTA	1018.4	—	0	24.0	46	3	7	1020.3	+1.6	—	0	11.4	25	+4	11	+2	96	+14	2	7	Cc	1	0	46	9
	ZAGÂZÎG	1019.1	SSW	1	24.3	39	0	8	1020.2	—	ESE	1	12.4	24	+2	9	+1	71	-11	1	7	Cs	1	0	27	5
	MIDDLE EGYPT — CAIRO ALMÂZA	1019.2	WNW	1	24.0	32	4	6	1019.2	—	SE	1	15.1	25	—	8	—	39	—	4	6	As	2	0	32	—
	CAIRO EZBEKÎYA	1019.0	NNW	1	24.8	38	4	8	1019.2	+0.3	—	0	12.3	25	+4	9	0	94	+13	4	6	Sc	1	0	14	7
	CAIRO GÎZA	1018.6	—	0	25.4	43	4	8	1018.6	-1.1	—	0	10.3	26	+5	6	-2	97	+13	8	4	St	2	0	54	6
143	HELWÂN	1018.8	—	0	24.5	31	4	8	1018.8	+0.2	—	0	14.1	25	+5	10	0	46	-22	4	4	As	2	0	24	6
144	SUEZ	1019.0	NE	2	23.7	25	3	7	1019.1	+0.1	—	0	11.4	24	+2	9	-2	63	-12	3	6	As	2	0	25	11
153	UPPER EGYPT — FAIYÛM	1019.2	S	1	24.0	47	4	6	1019.4	+0.2	—	0	10.7	25	+3	—	—	79	+4	3	5	Ac	1	0	dr	4
154	MINYA	1018.0	NNW	1	25.5	38	2	7	1018.8	-0.7	NNW	1	11.5	26	+5	8	0	74	-6	2	5	Cu	1	0	dr	—
155	ASYÛT	1018.4	WSW	3	27.2	31	0	7	1019.1	-0.9	ESE	3	14.0	30	+9	9	+1	47	-25	0	6	—	0	0	0	4
156	QENA	1016.8	NW	1	28.6	27	0	8	1019.0	+0.3	NNW	1	14.6	31	+7	10	+1	53	-11	0	7	—	0	0	0	—
157	LUXOR	1016.0	NNW	2	29.2	30	0	8	1018.8	—	ENE	1	16.0	30	—	8	—	64	—	1	8	—	1	0	dr	—
158	ASWÂN	1014.6	NNE	1	31.3	26	0	8	1018.3	-0.3	N	1	16.6	33	+8	14	+3	66	+14	0	8	—	0	0	dr	—
148	WESTERN DESERT — SÎWA	1017.4	—	0	22.5	76	1	6	1018.3	-1.3	—	0	9.0	24	+3	-1	-7	99	+29	0	6	—	0	0	dr	2
149	BAHARÎYA	1017.6	NNW	1	22.0	44	3	9	1019.4	—	—	0	10.5	28	—	6	—	51	—	3	9	—	2	0	0	—
151	KHÂRGA	1016.7	NE	1	29.0	50	0	9	1018.2	-0.6	N	2	17.2	30	+5	12	+5	59	-6	0	9	—	0	0	0	dr
152	DÂKHLA	1016.6	SSE	1	29.3	18	2	8	1018.3	-1.9	SSE	1	11.8	30	+7	7	0	35	-22	0	8	—	0	0	0	—
145	RED SEA — TOR	1017.8	NW	2	24.2	66	0	6	1018.8	+1.1	NE	2	14.8	25	+3	11	+1	58	-2	0	6	—	0	0	40	7
146	HURGHÂDA								1019.4	+1.8	WNW	3	19.1	22	-1	11	-1	51	-5	1	9	St	1	0	tr	dr
147	QUSEIR	1017.6	ENE	3	25.1	74	0	7	1020.0	+2.8	WNW	1	22.6	27	+2	19	+3	44	-6	0	7	—	0	0	4	6
169	PORT SUDAN								1015.6	+0.4	N	2	25.0	30	+2	22	+1	80	+12	3	—	—	1	2	125	76
165	NORTH SUDAN — WÂDI HALFA								1016.8	-2.2	NNE	2	16.8	30	+5	14	+5	44	-8	1	8	Cs	0	—	—	—
166	KAREIMA								1014.1	-2.5	NE	2	22.2	30	0	18	+5	58	+20	2	8	Cs	0	0	dr	1
167	ʿATBARA								1012.7	-1.9	E	5	23.5	32	+1	18	+3	46	+8	1	—	—	0	0	1	1
168	KHARTÛM								1011.6	-2.3	NE	4	21.6	35	+2	17	+1	59	+22	3	7	Cs	0	0	2	5
170	KASSALA								1007.6	-4.8	E	3	27.0	36	+2	18	+1	49	-10	1	8	Cs	0	0	dr	11
171	CENTRAL SUDAN — WAD MEDANI								1010.6	-2.5	NE	2	23.0	35	+1	16	0	52	+12	3	—	—	0	0	16	13
173	DUEIM								1010.8	-2.5	N	3	23.6	35	+1	19	+4	44	+11	2	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1009.6	-2.0	NW	1	22.2	38	+2	16	0	48	+2	0	—	—	0	0	38	37
174	EL OBEID								1012.0	-3.4	N	4	20.3	31	0	16	+4	40	+3	2	8	Ci	0	0	8	19
175	EL FÂSHER								—	—	NW	1	19.0	33	+2	15	+5	63	+28	0	—	—	0	0	32	8
176	S. SUDAN — MALAKÂL								1009.9	-1.4	NE	1	22.8	35	-1	19	+2	46	+15	4	8	Ac As	1	0	47	93
177	WÂU								1009.5	-1.6	N	1	22.8	36	+1	21	+3	62	+2	2	—	—	0	0	164	146
178	JÛBA								1010.1	-1.0	SSE	1	25.8	36	0	23	+3	76	+11	4	7	Sc	2	dr	163	136
179	Geneina								—	—	NE	2	14.8	33	—	11	—	30	—	3	8	Ac	1	0	14	—
180	Gallabat																									

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

Height metres above M.S.L.	Salum 10h 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	W. Halfa 06h 00m Dir.	Kms	Kareima 06h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Kassala 06h 00m Dir.	Kms	Malakal 06h 00m Dir.	Kms	Juba 07h 00m Dir.	Kms	Salum 15th 13h 30m Dir.	Kms	Almaza 15th 11h 45m Dir.	Kms
200	160	12	140	16	110	19	140	11	10	8	—	—	—	—	10	14	—	—	—	—	—	—	—	—	—	—	50	12	320	7
500	110	29	180	10	60	21	130	4	110	27	150	24	60	28	100	21	70	43	60	32	—	—	50	24	—	—	40	3	160	9
1000	190	29					120	19	130	16	150	20	90	38	120	42	100	50	60	21	100	29	40	47	180	21	250	9	250	7
1500	210	30					120	15	120	12	110	24	130	44	110	27	110	31	120	11	50	5	50	37	210	31	240	23	260	10
2000							120	22	140	24	130	34	120	63	100	29	120	23	320	8	290	11	60	32	200	39	240	31	260	7
3000							130	13					120	51	80	16	90	19					90	27	200	71	220	67	220	14
4000													160	35	90	21														
5000																														
6000																														



General Situation

Egypt is an area of relatively high pressure with very little gradient.
Pressure decreases from a high over Iraq to a depression over northern 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

Forecast for 24 hours from noon on 16th

On the coast moderate southerly winds.
Inland light variable winds, becoming southeast.
Some high cloud.
Slightly warmer tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٦
رياح معتدلة جنوبية على الساحل.
ورياح خفيفة متقلبة الاتجاه تتحول الى الجنوب في الداخل.
يظهر بعض السحاب العالي.
ويدفأ الطقس نوعا غدا.

Station	Mean of day: Humidity % on 15th	Diff from normal	Wet bulb temp. °C on 15th	Diff from normal
Alexandria	49	-16	14.3	+1.8
Ezbekiya	61	-11	12.9	+1.0
Giza	77	0	13.3	+1.5
Helwan	26	-34	11.5	+0.9

Giza Grass minimum on 16th 4.5 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1937	1936
16-12	1160	1146
15-12	1158	1171

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	16-12	13.70	+0.23	13.71	+0.23
Nâsser	15-12	8.72	-0.44	8.81	-0.42
Malakâl	16-12	12.19	+0.12	12.21	+0.12
Roseires	16-12	13.08	+0.21	13.10	+0.21
Sennâr Res.	15-12	20.70	—	20.70	—
Khartûm	15-12	11.51	-0.13	11.51	-0.15
Kh. el Girba	—	—	—	—	—
ʿAtbara	15-12	10.9	-0.16	10.92	-0.15
Kajnarti	15-12	134.29	-0.29	134.33	-0.28
Wâdi Halfa	—	—	—	—	—
Aswân Res.	16-12	119.97	—	119.90	—
D. S.	16-12	86.34	+0.15	86.35	+0.16
El Leisi	16-12	18.60	-0.18	18.60	-0.21
Rôda (Cairo)	16-12	15.88	-0.10	15.91	-0.10

At 8h on 15th (الساعة ٨ يوم ١٥)

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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	محطة
Limassol	1020	+2	NW	2	14	—	—	—	—	—	—	3	—	—	—	—	—	—	ليماسول
Haifa	1019.1	+2.7	E	3	16.9	24	+4	13	+3	50	-17	0	—	—	—	0	252	198	حيفا
Gaza	1019.9	+3.2	—	0	13.8	25	+5	10	0	57	-15	0	9	—	0	0	150	102	غزه
SHIPS	53284 - 33106 - 28201 - 19868																		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. 45
sunset h. 16 m. 57

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

Month *December* 1937 ١٩٣٧ شهر ديسمبر

DAILY WEATHER REPORT

١٩٣٧-١٢-١٧

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 Friday 17th — 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	1018.6	ENE	2	19.2	86	0	9	1015.5	-2.2	SSW	5	18.0	20	—	15	—	36	—	0	6	—	0	0	8	—
131	MATRÛH	1017.2	ENE	2	22.0	82	0	6	1015.4	-3.1	SSE	1	11.4	23	+3	10	0	82	+8	0	6	—	0	0	42	54
130	DIKHEILA	1019.2	N	1	21.3	65	1	8	1017.1	—	SE	2	12.3	24	—	11	—	89	—	8	1	St	4	dr	30	—
132	ALEXANDRIA	1018.2	NE	2	25.9	52	1	9	1016.4	-2.3	SE	1	13.0	27	+7	12	0	98	+23	8	1	—	4	0	51	70
159	DAMIETTA								1016.4	—	SE	2	17.8	24	—	14	—	100	—	0	5	—	4	0	52	35
134	PORT SAÏD	1018.6	NE	2	19.2	73	0	8	1016.7	-0.8	SE	2	18.2	24	+4	15	+3	75	-1	0	8	—	0	0	36	23
135	EL ʿARÎSH	1018.6	NNE	2	22.0	66	2	7	1017.0	—	—	0	16.0	22	—	11	—	63	—	0	7	—	0	0	44	23
136	LOWER EGYPT — DAMANHÛR								1016.7	-1.7	—	0	12.0	26	+4	12	+3	100	+16	8	1	—	4	0	45	31
137	MANSÛRA								1016.2	—	E	1	11.6	25	+3	11	+2	97	+16	0	8	—	0	0	74	12
[illegible]	TANTA	1018.4	—	0	24.1	43	2	7	1016.2	-2.5	—	0	11.4	25	+4	10	+1	99	+17	0	7	—	0	0	46	10
	ZAGÂZÎG	1018.6	NNE	1	21.6	67	2	8	1016.6	—	SSW	1	16.4	22	0	8	0	58	-24	0	7	—	0	0	27	6
141	MIDDLE EGYPT — CAIRO ALMÂZA	1018.0	NE	3	24.1	27	3	7	1016.4	—	S	1	13.9	25	—	7	—	36	—	2	7	Sc	1	0	32	—
	CAIRO EZBEKÎYA	1017.8	NE	2	24.4	44	4	9	1016.4	-2.6	NW	1	10.6	26	+5	9	0	100	+19	8	4	—	4	0	14	8
	CAIRO GÎZA	1017.4	NNW	1	23.8	44	3	6	1016.2	-3.5	—	0	7.8	24	+4	6	-2	100	+16	8	0	—	4	0	54	7
143	HELWÂN	1017.0	N	4	25.8	22	2	6	1016.0	-2.6	SE	3	16.9	26	+6	12	+2	24	-44	0	5	—	0	0	24	7
144	SUEZ	1017.5	NNE	3	23.3	18	2	8	1016.8	-2.2	ESE	2	17.2	26	+4	9	-2	62	-13	0	7	—	0	0	25	12
153	UPPER EGYPT — FAIYÛM	1017.5	NW	1	25.0	45	2	7	1016.6	-2.6	—	0	14.0	28	+6	8	0	57	-18	0	5	—	0	0	dr	4
154	MINYA	1016.7	N	1	26.5	27	1	8	1016.4	-3.1	N	1	15.5	27	+7	9	+1	52	-28	1	6	Ci	1	0	dr	—
155	ASYÛT	1016.2	WSW	2	29.0	29	0	8	1016.4	-3.7	ESE	3	14.3	31	+10	9	+1	47	-25	0	7	—	0	0	0	4
156	QENA	1014.4	SSW	1	31.2	35	2	8	1017.0	-1.8	ENE	1	14.2	32	+8	9	0	45	-19	0	7	—	0	0	0	—
157	LUXOR	1014.2	NNW	2	30.1	31	2	8	1015.9	—	NNE	1	13.1	30	—	10	—	77	—	0	8	—	0	0	dr.	—
158	ASWÂN	1012.7	E	2	32.7	23	0	8	1016.0	-2.7	—	0	19.0	34	+9	16	+5	60	+8	0	8	—	0	0	dr.	—
148	WESTERN DESERT — SÎWA	1018.0	SE	1	26	68	0	6	1016.3	-3.3	—	0	9.1	27	+7	4	-2	70	0	0	6	—	0	0	dr	3
149	BAHARÎYA	1016.7	NNE	1	26.3	25	0	9	1017.0	—	—	0	11.0	27	—	6	—	41	—	0	9	—	0	0	0	—
151	KHÂRGA	1014.0	NE	2	29.6	36	0	9	1015.4	-3.5	—	0	17.7	30	+6	12	+5	53	-12	0	9	—	0	0	0	dr
152	DÂKHLA	1014.7	ESE	2	29.2	18	2	7	1015.6	-4.6	—	0	13.0	30	+7	7	0	45	-12	0	8	—	0	0	0	—
145	RED SEA — TÔR	1016.4	NW	2	27.2	44	0	6	1016.6	-1.1	N	3	15.9	27	+5	10	0	52	-8	0	6	—	0	0	40	7
146	HURGHÂDA								—	—	WSW	2	18.6	27	+3	10	-2	57	+1	1	9	Sc	1	0	tr	dr.
147	QUSEIR	1016.6	ENE	1	25.6	63	0	7	1016.6	-0.6	WNW	3	22.1	27	+3	20	+4	70	+20	0	7	—	0	0	4	6
169	PORT SUDAN								1014.3	-0.9	SE	3	27.5	29	+1	22	+1	70	+2	3	—	—	1	2	127	76
165	NORTH SUDAN — WÂDI HALFA								1014.5	-4.5	NW	2	20.2	32	+7	18	+9	44	-8	0	7	—	0	—	—	—
166	KAREIMA								1012.3	-4.3	ENE	3	23.2	34	+4	20	+7	59	+21	0	8	—	0	0	dr	1
167	ʿATBARA								1011.6	-3.1	E	4	24.3	35	+4	19	+4	55	+17	0	—	—	0	0	1	1
168	KHARTÛM								1009.7	-4.2	N	4	22.3	35	+2	18	+2	58	+21	1	7	Cs	0	0	2	5
170	KASSALA								1009.1	-3.3	NE	1	23.1	37	+3	17	0	66	+7	2	8	Ci	0	0	dr	11
171	CENTRAL SUDAN — WAD MEDANI								1008.8	-4.3	NNE	2	23.8	35	+1	17	+1	52	+12	1	—	—	0	0	16	13
173	DUEIM								1009.5	-3.8	NW	3	23.4	36	+2	20	+5	40	+7	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1008.3	-3.3	—	0	22.4	37	+1	18	+2	48	+2	2	—	—	1	0	38	37
174	EL OBEID								1010.7	-4.7	N	4	21.3	33	+2	18	+6	27	-10	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	NW	1	17.0	33	+2	12	+2	65	+30	0	—	—	0	0	32	8
176	S. SUDAN — MALAKÂL								1007.9	-3.4	N	3	26.2	35	-1	21	+4	36	+5	3	8	AC	1	0	47	93
177	WÂU								—	—	NE	1	25.2	37	+2	22	+4	69	+9	1	—	—	0	0	164	146
178	JÛBA								1009.3	-1.8	NW	3	24.8	36	0	23	+3	68	+3	4	7	Ac,Sc	2	0	163	137
179 / 180	Geneina / Gallabat								—	—	NE	1	13.9	34	—	11	—	55	—	3	8	Cs,Ac	0	0	14	—

At 14h. on 16th — ١٧ يوم الساعة ١٤ ; At 8h. on Friday 17th — الساعة ٨ يوم جمعة ١٧

Upper Wind Observations on 17th

ارصاد الرياح العليا يوم ١٧

Height metres above M.S.L.	Dikheila 06h 40m Dir E. of N	Kms per hour	W. Halfa 06h 00m Dir	Kms	Kareima 06h 00m Dir	Kms	Khartum 05h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	El Obeid 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Juba 07h 00m Dir	Kms	Geneina 07h 00m Dir	Kms	Salum 16th 13h 15m Dir	Kms	Almaza 16th 11h 30m Dir	Kms
200	200	8	10	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	70	15	30	6
500	190	17	90	24	70	35	50	24	—	—	—	—	10	18	—	—	—	—	130	20	60	6
1000	200	13	100	21	80	26	70	14	130	21	30	48	20	42	170	21	40	34	150	26	90	10
1500			110	8	100	19	330	8	320	16	30	24	3	40	190	24	170	8	200	46	140	11
2000			150	6			290	16	280	8	20	16	40	32	190	32	200	8	—		160	14
3000			110	23							130	11	80	24	190	27					150	30
4000			180	13																		
5000																						
6000																						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر

STATION	Mean of day — Humidity % on 16th	Diff from normal	Wet bulb temp °C on 16th	Diff from normal
Alexandria	71	+6	16.5	+4.1
Ezbekiya	75	+3	13.7	+1.9
Giza	91	+14	12.8	+1.0
Helwan	28	-32	11.5	+1.0

Giza grass minimum 17th 4.8 °C

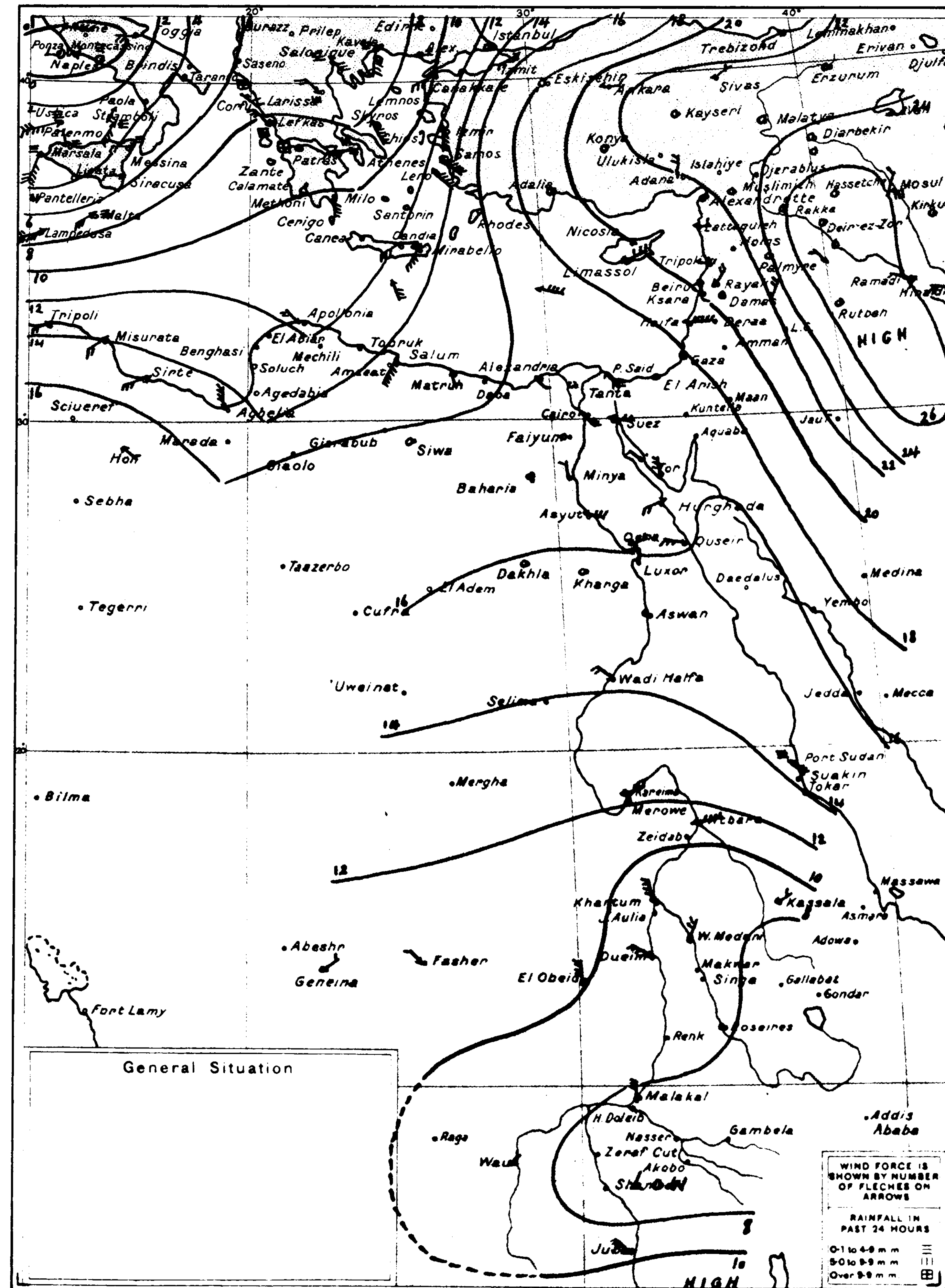
Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
17-12	1158	1134
16-12	1160	1146

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	17-12	13.71	+0.24	13.70	+0.23
Nasser	16-12	8.56	-0.53	8.72	-0.44
Malakâl	17-12	12.16	+0.10	12.19	+0.12
Roseires	17-12	13.06	+0.22	13.08	+0.21
Sennâr Res	17-12	20.70	—	20.70	—
Khartûm	17-12	11.50	-0.10	11.51	-0.11
Kh. el Girba					
ʿAtbara	17-12	10.88	-0.15	10.89	-0.15
Kajnarti	17-12	134.28	-0.28	134.27	-0.30
Wâdi Halfa					
Aswân Res	17-12	120.06	—	119.97	—
D. S.	17-12	86.33	+0.14	86.34	+0.15
El Leisi	17-12	18.58	-0.17	18.60	-0.18
Roda (Cairo)	17-12	15.91	-0.02	15.88	-0.10

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

Pressure and Wind at 8h. 17-12-1937



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 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	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 3 fr. Oct. 1 to yesterday m.m.	Normal 3 fr. Oct. 1 to yesterday m.m.	مرصد
Limassol	1021	+3	NW	3	14	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1020.2	+3.8	E	3	19.0	24	+4	13	+3	40	-27	2	—	—	—	0	252	204	حيفا
Gaza	1019.2	+2.5	—	0	12.9	25	+5	9	-1	60	-12	2	6	—	1	0	150	106	غزة

Remarks

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

CAIRO
Time of sunrise 06h 45m
sunset 16h 57m

Month *December* 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.	Region	STATION	At 14h. on 17th — Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Saturday 18th — 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	1013.1	WSW	7	25.2	27	0	7	1015.6	-2.2	WNW	6	11.7	25	—	11	—	47	—	4	5	Cu	2	0	8	—
131		MATRÛH	1013.5	ENE	2	24.0	67	0	6	1015.0	-3.5	E	1	12.6	28	+9	11	+1	67	-7	4	6	St	2	0	42	55
150		DIKHEILA	1015.6	—	0	21.7	62	0	8	1016.4	—	SW	1	14.8	22	—	12	—	64	—	4	5	Ci	1	0	30	—
132		ALEXANDRIA	1014.8	ENE	1	25.8	53	0	8	1015.6	-3.2	S	2	16.4	27	+7	12	0	65	-10	4	5	As	4	0	51	71
159		DAMIETTA								1015.9	—	ESE	1	15.2	26	—	—	—	91	—	3	6	Cc	1	0	52	35
134		PORT SAÏD	1015.2	SE	2	25.4	42	0	8	1016.4	-1.1	SE	2	18.2	26	+6	14	+2	52	-24	0	8	—	0	0	36	24
135		EL 'ARÎSH								1017.0	—	—	0	17.7	26	—	11	—	43	—	0	7	—	0	0	44	23
136	LOWER EGYPT	DAMANHÛR								1015.9	-2.5	S	1	15.5	29	+7	11	+2	56	-28	4	6	Ci	1	0	45	31
137		MANSÛRA								1015.8	—	SW	1	13.0	26	+4	10	+1	68	-13	1	7	Cs	1	0	74	12
		TANTA	1015.6	—	0	26.5	40	0	6	1016.2	-2.5	—	0	14.0	27	+6	10	+1	62	-20	3	6	Cs	1	0	46	10
		ZAGÂZÎG	1014.6	SW	1	25.8	39	0	8	1016.6	—	SE	1	15.8	26	+4	11	+3	59	-23	1	7	Ci	1	0	27	6
	MIDDLE EGYPT	CAIRO ALMÂZA	1015.1	S	4	28.3	12	0	7	1016.3	—	SW	1	17.0	28	—	10	—	37	—	3	8	Ci	1	0	32	—
		CAIRO EZBEKÎYA	1014.4	NNE	1	28.4	28	0	9	1016.2	-2.8	SSE	1	13.4	29	+8	10	+1	68	-23	3	6	Ac	1	0	14	8
		CAIRO GÎZA	1014.2	SSE	2	28.6	37	0	8	1016.2	-3.5	SSE	2	18.9	29	+9	7	-1	61	-23	4	6	As	2	0	54	7
143		HELWÂN	1014.3	S	2	26.6	22	0	7	1015.9	-2.7	ESE	1	19.0	28	+8	16	+7	18	-50	4	8	Cc	2	0	24	7
144		SUEZ	1015.5	S	1	24.2	45	0	8	1016.6	-2.4	—	0	12.8	24	+3	9	-2	68	-7	0	6	As	0	0	25	12
153	UPPER EGYPT	FAIYÛM	1014.6	—	0	28.5	28	0	8	1016.7	-2.5	—	0	12.0	31	+9	8	0	74	-1	3	4	Ac	1	0	dr	4
154		MINYA	1014.2	WNW	2	28.6	31	0	7	1016.0	-3.5	NNE	1	16.4	29	+9	10	+2	58	-22	2	5	Ci	1	0	dr	—
155		ASYÛT	1013.9	ESE	2	29.0	34	0	8	1016.3	-3.9	ESE	3	14.2	31	+10	11	+4	60	-12	0	8	—	0	0	0	4
156		QENA	1013.6	WSW	1	32.0	33	0	8	1016.8	-2.0	E	2	14.5	33	+9	9	0	62	-2	0	7	—	0	0	0	—
157		LUXOR	1012.7	SW	1	31.7	32	0	8	1015.9	—	ENE	3	14.5	32	—	9	—	80	—	0	8	—	0	0	dr	—
158		ASWÂN	1011.6	—	0	33.4	30	0	8	1015.4	-3.3	—	0	17.5	35	+10	16	+5	75	+23	0	8	—	0	0	dr	—
148	WESTERN DESERT	SÎWA	1013.0	—	0	25.0	71	0	6	1015.2	-4.4	—	0	10.3	27	+7	5	0	71	+1	2	6	—	1	0	dr	3
149		BAHARÎYA	1014.7	—	0	27.7	27	0	9	1016.0	—	—	0	16.0	30	—	9	—	42	—	2	9	—	1	0	0	—
151		KHÂRGA	1011.4	N	1	28.9	33	0	9	1016.7	-2.2	NE	1	18.4	30	+6	13	+6	70	+5	0	9	—	0	0	0	dr
152		DÂKHLA	1012.6	ENE	1	28.3	24	0	8	1015.5	-4.7	—	0	14.0	30	+7	9	+2	47	-10	0	8	—	0	0	0	—
145	RED SEA	TÔR	1015.1	NW	2	26.0	56	0	6	1017.0	-0.8	N	3	16.1	26	+4	12	+2	68	+8	0	6	—	0	0	40	7
146		HURGHÂDA								1016.7	-1.0	SW	2	22.3	28	+5	12	0	44	-13	0	9	—	0	0	tr	dr
147		QUSEIR	1015.4	NNE	3	24.7	72	0	7	1017.1	-0.2	W	2	21.2	26	+2	21	+5	77	+22	0	7	—	0	0	4	6
169		PORT SUDAN								1013.5	-1.8	ESE	3	27.4	30	+2	22	+1	70	+2	3	—	—	0	0	127	77
165	NORTH SUDAN	WÂDI HALFA								1014.3	-4.7	ENE	1	18.9	33	+8	16	+7	62	+10	0	7	—	0	—	—	—
166		KAREIMA								1011.5	-5.2	NE	3	22.3	33	+3	20	+7	58	+20	1	8	Cs	0	0	dr	1
167		'ATBARA								1010.4	-4.3	E	2	23.0	35	+4	20	+5	53	+15	0	—	—	0	0	1	1
168		KHARTÛM								1009.3	-4.7	NE	1	23.0	36	+3	19	+3	52	+15	2	6	Ci, Cc	3	0	2	5
170		KASSALA								1007.6	-4.8	ENE	3	26.2	36	+2	18	+1	48	-12	0	8	—	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI								1008.4	-4.7	ENE	2	24.0	36	+2	20	+4	51	+11	1	—	—	0	0	16	13
173		DUEIM								1009.0	-4.8	N	3	25.4	36	+2	21	+6	49	+16	0	—	—	0	0	14	12
182		RENK																									
172		ROSEIRES								1008.2	-3.5	WSW	1	22.3	39	+3	18	+2	45	-1	2	—	—	1	0	38	37
174		EL OBEID								1010.1	-5.4	N	4	21.1	35	+4	18	+6	37	0	1	8	Ci	0	0	8	19
175		EL FÂSHER								—	—	NW	1	18.0	36	+5	15	+5	71	+36	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1008.0	-3.3	N	2	24.6	37	+1	20	+3	40	+10	4	8	Ac, Ci	1	0	47	93
177		WÂU								1007.8	-3.4	SW	1	24.0	36	+1	22	+4	73	+14	1	—	—	0	0	164	146
178		JÛBA								1008.7	-2.4	SE	3	24.6	37	+1	21	+1	68	+3	4	—	Cu, Ac, Cs	2	3	166	137
179		Geneina																									
180		Gallabat								—	—	E	2	14.9	34	—	12	—	39	—	2	8	Ci	0	0	14	—

Upper Wind Observations on 18th
ارصاد الرياح العليا يوم ١٨

Height metres above M.S.L.	Salum 07h.45m Dir. E. of N.	Kms per hour	Matruh 07h.00m Dir.	Kms per hour	Dikheila 07h.30m Dir.	Kms per hour	Cairo 08h.30m 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	W. Halfa 06h.00m Dir.	Kms per hour
200	270	40	170	11	150	27	210	13	130	10	—	—	—	—	20	6
500	—	—	190	7	180	36	190	30	180	26	140	31	90	35	80	18
1000	190	8	170	18	180	37	200	26	190	34	160	37	100	48	90	26
1500	170	14	180	29	180	37	200	42	190	45	150	30	120	39	90	13
2000	210	14			190	39	200	44	180	30			130	39	90	13
3000	210	36							160	33					90	10
4000									180	26					50	18
5000									210	18						
6000																

Height metres above M.S.L.	Kareima 06h.00m Dir. E. of N.	Kms per hour	Khartum 06h.00m Dir.	Kms per hour	Kassala 06h.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	Almaza 11h.30m Dir.	Kms per hour
200	—	—	—	—	—	—	—	—	—	—	—	—	200	23
500	90	31	70	31	—	—	—	—	30	21	—	—	210	35
1000	110	34	70	35	110	26	40	40	30	69	320	23	210	39
1500	110	10	70	60	40	26	30	39	40	56	260	16	210	31
2000	210	10	60	51	20	34	30	14	20	18	180	34	210	28
3000					130	5			80	10	170	31		
4000					120	6								
5000														
6000														

Forecast for 24 hours from noon on 18th.

Light southerly winds, becoming moderate to fresh.
High cloud.
Remaining warm.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ١٨
رياح جنوبية خفيفة ثم تصير معتدلة او شديدة نوعا.
يظهر السحاب العالي.
يستمر الطقس مائلا للدفء.

STATION	Mean of day Humidity % on 17th	Diff from normal	Wet bulb temp. °C on 17th	Diff from normal
Alexandria	87	+22	16.5	+4.0
Ezbekiya	75	+3	13.4	+1.7
Giza	83	+6	12.9	+1.2
Helwân	19	-41	11.5	+1.1

Giza
Grass minimum on 18th 4.4°C

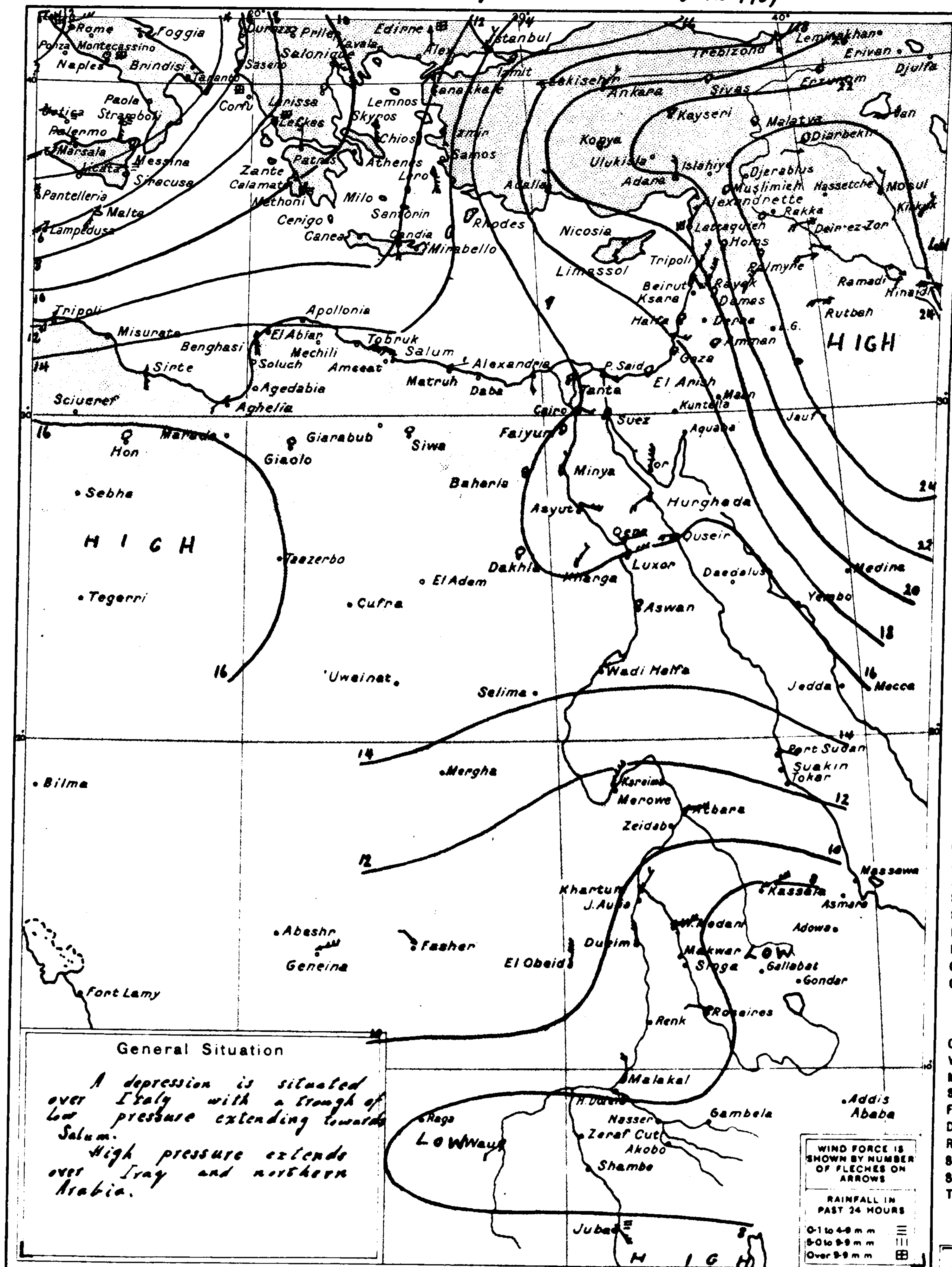
Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
18-12	1156	1122
17-12	1158	1134

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Jûba	17-12	13.71	+0.26	13.70	+0.23
Nâsser	18-12	8.56	-0.53	8.72	-0.44
Malakâl	17-12	12.16	+0.10	12.19	+0.13
Roseires	18-12	13.04	+0.23	13.06	+0.22
Sennâr Res.	17-12	20.70	—	20.70	—
Khartûm	17-12	11.50	-0.10	11.51	-0.11
Kh. el Girba	—	—	—	—	—
Atbara	17-12	10.88	-0.15	10.89	-0.15
Kajnarti	17-12	134.28	-0.28	134.27	-0.30
Wâdi Halfa	—	—	—	—	—
Aswân Res.	18-12	120.12	—	120.06	—
Aswân Res. D.S.	18-12	86.33	+0.14	86.33	+0.14
El Leisi	18-12	18.56	-0.13	18.58	-0.17
Rôda (Cairo)	18-12	15.88	0.00	15.91	+0.02

Pressure and Wind at 8 h. 18-12-1937

١٨-١٢-١٩٣٧



General Situation

A depression is situated over Italy with a trough of low pressure extending towards Salum.
High pressure extends over Iraq and 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 8h. on 17th — 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.	الساعة ٨ يوم ١٧ محطة
Limassol	1019	+1	NE	3	13	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1018.6	+2.2	E	5	20.4	26	+6	16	+6	30	-37	0	—	—	—	0	252	211	حيفا
Gaza	1017.5	+0.8	—	0	11.8	23	+3	8	-2	75	+3	0	9	—	0	0	150	111	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 06h 46m
sunset 16h 58m

Month **December** 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٣٧-١٢-١٩

At 14h. on 18th — الساعة ١٤ يوم ١٨

No.	Region	Station	Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility
30	Mediterranean	SALÛM	1014.4	WSW	2	22.0	32	3	8
31	Mediterranean	MATRÛH	1013.5	ENE	1	22.8	66	4	6
50	Mediterranean	DIKHEILA	1015.5	SSW	1	21.8	66	4	8
132	Mediterranean	ALEXANDRIA	1015.1	—	0	25.0	42	4	8
159	Mediterranean	DAMIETTA							
134	Mediterranean	PORT SAÎD	1015.2	SE	2	25.2	51	0	8
135	Mediterranean	EL 'ARÎSH	1014.8	—	0	25.6	43	2	7
136	Lower Egypt	DAMANHÛR							
137	Lower Egypt	MANSÛRA							
138	Lower Egypt	TANTA	1014.4	—	0	27.0	40	4	6
139	Lower Egypt	ZAGÂZÎG	1014.7	SW	1	26.8	43	0	8
141	Middle Egypt	CAIRO: ALMÂZA	1014.4	SSW	2	29.7	16	3	8
	Middle Egypt	CAIRO: EZBEKÎYA	1014.0	N	1	29.4	24	3	9
	Middle Egypt	CAIRO: GÎZA	1013.6	—	0	31.6	33	2	8
143	Middle Egypt	HELWÂN	1013.5	—	0	28.2	21	2	8
144	Middle Egypt	SUEZ	1014.8	S	1	23.3	62	2	8
153	Upper Egypt	FAIYÛM	1014.6	NW	1	26.6	44	1	7
154	Upper Egypt	MINYA	1013.3	NW	2	28.7	32	0	8
155	Upper Egypt	ASYÛT	1013.1	ESE	3	27.2	33	0	8
156	Upper Egypt	QENA	1013.3	ESE	1	31.8	39	0	8
157	Upper Egypt	LUXOR	1012.2	NNE	3	30.3	38	0	8
158	Upper Egypt	ASWÂN	1010.0	E	3	33.2	24	0	8
148	Western Desert	SÎWA	1012.6	—	0	24.0	60	3	6
149	Western Desert	BAHARÎYA	1013.6	—	0	30.3	20	2	9
151	Western Desert	KHÂRGA	1012.2	—	0	30.8	45	0	9
152	Western Desert	DÂKHLA	1012.4	SSE	1	30.0	28	0	8
145	Red Sea	TÔR	1014.4	SW	2	25.8	71	0	6
146	Red Sea	HURGHÂDA							
147	Red Sea	QUSEIR	1015.4	NNE	2	26.6	66	0	7
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		Geneina							
180		Gallabat							

At 8h. on Sunday 19th — الساعة ٨ يوم الاحد 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	1013.5	-4.3	SSW	6	18.0	24	—	11	—	44	—	0	6	—	0	0	8	—
MATRÛH	1013.0	-5.5	SSE	3	16.7	24	+5	13	+3	62	-12	0	6	—	0	0	42	56
DIKHEILA	1014.7	—	S	1	16.2	22	—	12	—	51	—	0	8	—	1	0	30	—
ALEXANDRIA	1013.9	-4.9	—	0	18.0	26	+6	15	+3	53	-22	0	8	—	0	0	51	73
DAMIETTA	1013.4	—	S	2	18.0	24	—	15	—	78	—	2	8	Cu	2	0	52	36
PORT SAÎD	1015.2	-2.3	SE	3	19.5	27	+7	17	+5	81	+5	1	8	Cc	1	0	36	24
EL 'ARÎSH	1015.9	—	SSE	1	22.0	27	—	15	—	35	—	0	7	—	0	0	44	24
DAMANHÛR	1014.6	-3.8	SSE	1	15.0	26	+4	12	+3	69	-15	0	5	—	1	0	45	32
MANSÛRA	1014.2	—	W	1	14.9	28	+6	11	+2	67	-14	1	7	Cs	1	0	74	12
TANTA	1014.6	-4.1	SW	2	16.0	28	+7	10	+1	59	-23	1	6	Ac	1	0	46	10
ZAGÂZÎG	1015.0	—	SSE	1	19.8	27	+5	14	+6	54	-28	0	8	—	1	0	27	6
ALMÂZA	1015.2	—	SE	3	20.7	30	—	14	—	26	—	2	7	Ac	1	0	32	—
EZBEKÎYA	1015.4	-3.6	SSE	1	15.8	31	+11	12	+3	58	-23	1	6	Ac	1	0	14	8
GÎZA	1015.0	-4.7	SSE	3	14.9	33	+13	10	+3	66	-18	1	7	Ac	1	0	54	7
HELWÂN	1015.0	-3.6	SE	1	19.9	30	+10	18	+9	31	-37	0	8	—	0	0	24	7
SUEZ	1016.0	-3.0	—	0	19.6	24	+3	12	+1	69	-6	1	7	Ac	1	0	25	12
FAIYÛM	1015.1	-4.2	NW	1	13.6	31	+9	9	+1	71	-4	0	6	—	0	0	dr	4
MINYA	1015.4	-4.2	NW	2	18.6	29	+9	12	+4	44	-36	0	6	—	0	0	dr	—
ASYÛT	1015.5	-4.8	SE	3	15.8	29	+8	11	+4	61	-11	0	8	—	0	0	0	4
QENA	1015.9	-3.0	ENE	1	16.0	33	+9	11	+2	71	+6	0	7	—	0	0	0	—
LUXOR	1014.8	—	NNE	2	20.2	31	—	14	—	72	—	0	8	—	0	0	dr	—
ASWÂN																		—
SÎWA	1014.2	-5.5	—	0	10.1	26	+6	5	0	65	-5	0	6	—	0	0	dr	3
BAHARÎYA	1016.6	—	—	0	15.1	30	—	8	—	50	—	0	9	—	0	0	0	—
KHÂRGA	1014.6	-4.4	N	2	19.2	32	+8	14	+7	66	+1	0	9	—	0	0	0	dr
DÂKHLA	1015.0	-5.2	—	0	14.0	31	+8	9	+2	48	-9	0	8	—	0	0	0	—
TÔR	1017.6	-0.2	N	3	15.5	27	+5	11	+1	59	-1	0	6	—	0	0	40	7
HURGHÂDA	1016.3	-1.4	SW	1	21.5	28	+5	13	+1	53	-4	0	9	—	0	0	tr	dr
QUSEIR	1016.3	-1.0	WNW	2	22.5	27	+3	21	+5	75	+25	0	7	—	0	0	4	6
PORT SUDAN	1014.6	-0.7	SW	1	26.2	30	+2	22	+1	75	+7	3	—	—	1	0	127	78
WÂDI HALFA	1013.9	-5.2	NE	1	18.6	32	+7	15	+6	52	0	0	8	—	0	—	—	—
KAREIMA	1011.6	-5.1	NE	3	22.5	34	+4	19	+6	47	+9	0	8	—	0	0	dr	1
'ATBARA	1011.0	-3.8	E	3	23.8	35	+4	19	+4	49	+11	0	—	—	0	0	1	1
KHARTÛM	1009.8	-4.2	N	3	22.6	37	+4	19	+3	52	+15	0	6	—	0	0	2	5
KASSALA	1007.2	-5.2	ENE	2	26.3	37	+3	19	+2	42	-18	0	8	—	0	0	dr	11
WAD MEDANI	1008.8	-4.4	NE	2	24.2	37	+3	16	0	45	+5	0	—	—	0	0	16	13
DUEIM	1009.6	-3.8	NW	3	24.8	39	+5	19	+4	32	-1	0	—	—	0	0	14	12
RENK																		
ROSEIRES	1008.2	-3.5	WNW	1	23.7	38	+2	17	+1	39	-7	0	—	—	0	0	38	37
EL OBEID	1010.5	-5.0	NW	3	21.6	35	+4	17	+5	29	-8	0	8	—	0	0	8	19
EL FÂSHER	—	—	NW	1	17.5	36	+5	14	+4	66	+31	0	—	—	0	0	32	8
MALAKÂL																		93
WÂU	1009.3	-1.9	SE	1	22.2	35	0	20	+2	72	+13	2	—	—	0	0	164	146
JÛBA	1010.7	-0.4	NE	3	24.0	37	+1	20	0	60	-5	4	7	Sc,Cs	2	0	166	137
Geneina	—	—	N	2	14.8	36	—	21	—	58	—	1	8	—	0	0	14	—
Gallabat																		

Upper Wind Observations on 19th — ارصاد الرياح العليا يوم ١٩

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

Height	Salum 08h.15m. Dir	Kms	Matruh 07h.00m. Dir	Kms	Dikheila 07h.45m. Dir	Kms	Cairo 08h.15m. Dir	Kms	Helwan 08h.45m. Dir	Kms	Asyut 07h.00m. Dir	Kms	W.Halfa 06h.00m. Dir	Kms	Kareima 06h.00m. Dir	Kms
200	300	50	190	19	190	31	190	44	140	18	—	—	20	11	—	—
500	200	36	200	30	200	28	210	54	180	22	150	42	90	18	70	37
1000	200	25	200	53	200	30	210	54	190	53	160	51	140	37	50	27
1500	Tail.				190	44			180	42	160	48	130	16	50	8
2000									170	63			160	10	310	8
3000													60	31		
4000													50	29		
5000																
6000																

Height	Khartum 06h.00m. Dir	Kms	Kassala 07h.00m. Dir	Kms	El Obeid 06h.00m. Dir	Kms	Geneina 07h.00m. Dir	Kms	Juba 07h.00m. Dir	Kms	Ismailia 07h.00m. Dir	Kms	Almaza 11h.15m. Dir	Kms
200	—	—	—	—	—	—	—	—	—	—	160	43	320	7
500	20	24	—	—	—	—	—	—	—	—	190	43	200	21
1000	10	24	110	14	30	35	40	13	280	14	210	29		
1500	20	11	60	13	10	26	200	37	270	21	180	35		
2000	0	24	40	19	340	42	230	24	190	37	180	43		
3000	240	27	70	14			350	10			170	40		
4000	200	16					330	8			Tail			
5000														
6000														

Forecast for 24 hours from noon on 19th

On the coast moderate southwest winds, veering to west and becoming fresh to strong. Inland moderate south winds, freshening and veering to southwest or west.
Mainly clear at first; some medium cloud later.
Possibly light rain on the coast in the west.
Cooler tomorrow, but temperature still above normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ١٩

رياح معتدلة جنوبية غربية تتحول الى غربية وتكون نشيطة الى شديدة على السواحل.
ورياح معتدلة جنوبية ثم تنشط وتتحول الى جنوبية غربية او غربية فى الداخل
السماء صافية فى اول الامر ثم تظهر سحب متوسطة الارتفاع فيما بعد
يحتمل سقوط مطر خفيف بالجهة الغربية من السواحل.
تميل الحرارة الى الانخفاض غداً ولكنها تستمر فوق المعتاد

Mean of day

Station	Humidity % on 18th	Diff. from normal	Wet Bulb Temp. °C on 18th	Diff. from normal
Alexandria	55	-10	15.0	+2.7
Ezbekiya	53	-19	13.9	+2.3
Giza	65	-12	15.2	+3.6
Helwan	13	-47	12.5	+2.2

Giza Grass minimum on 19th 7.2 °C

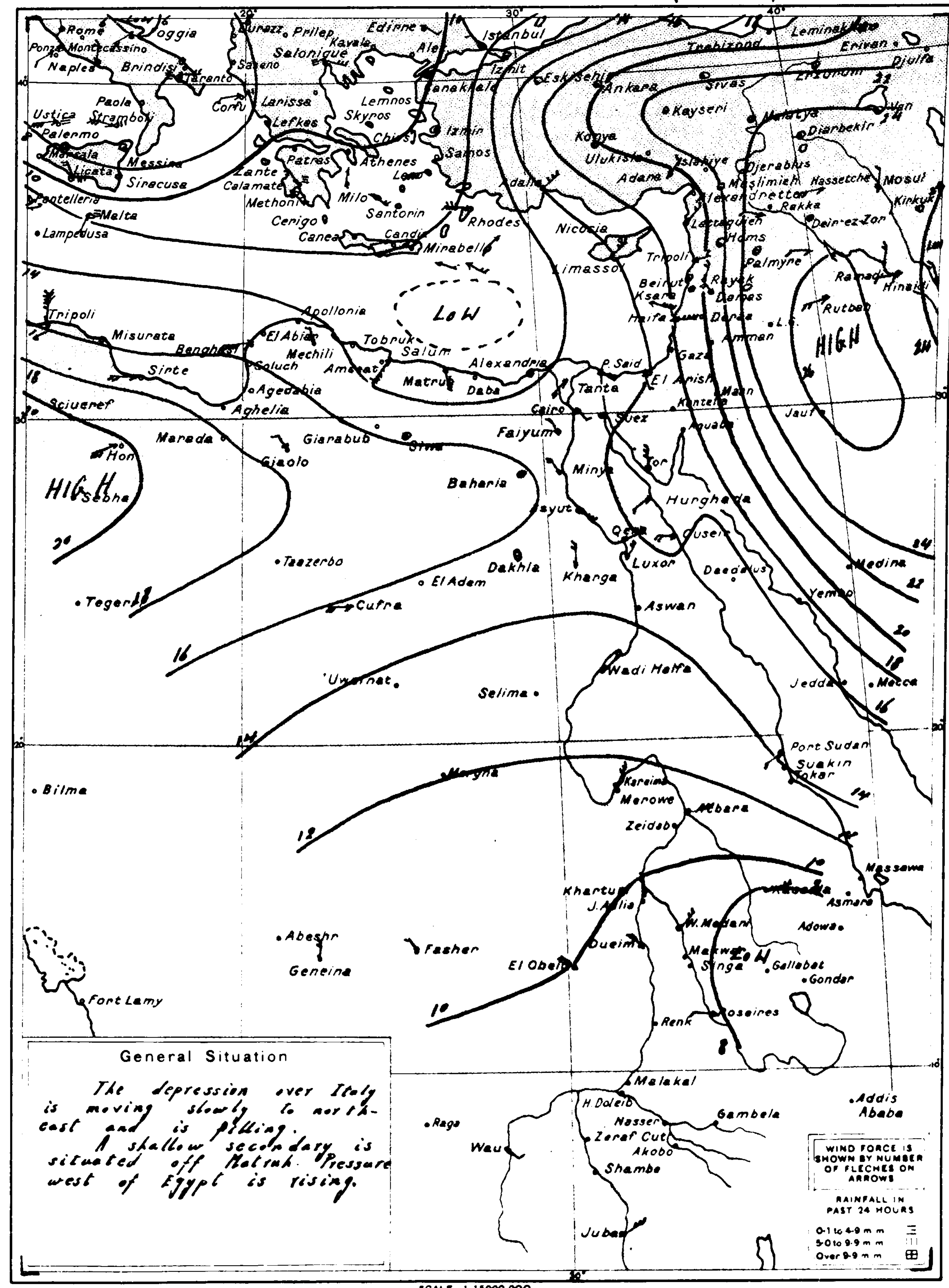
Discharges at Aswân measured by sluices m^3 per sec

Date	1937	1936
19-12	1158	1124
18-12	1156	1122

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	19-12	13.70	+0.23	13.70	+0.23
Nâsser	18-12	8.37	-0.59	8.49	-0.53
Malakâl	19-12	12.16	+0.08	12.14	+0.09
Roseires	19-12	13.02	+0.24	13.04	+0.23
Sennâr Res.	18-12	20.70	—	20.70	—
Khartûm	19-12	11.47	-0.09	11.49	-0.09
Kh. el Girba	—	—	—	—	—
'Atbara	19-12	10.88	-0.13	10.88	-0.14
Kajnarti	18-12	134.32	-0.23	134.28	-0.28
Wâdi Halfa	—	—	—	—	—
Aswân Res.	19-12	120.20	—	120.12	—
D. S.	19-12	86.32	+0.13	86.33	+0.14
El Leisi	19-12	18.52	-0.14	18.56	-0.13
Rôda (Cairo)	~~19-12~~	~~15.86~~	[illegible]	~~15.88~~	[illegible]

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

Pressure and Wind at 8h. 19-12-37.



General Situation

The depression over Italy is moving slowly to northeast and is filling.
A shallow secondary is situated off Matruh. Pressure west of Egypt is rising.

At 8h. on 18th — الساعة ٨ يوم ١٨

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.	محطة
Limassol	1019	+1	NE	2	18	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1018.8	+2.4	—	0	20.5	29	+9	13	+3	42	-25	0	—	—	—	0	252	217	حيفا
Gaza	1017.5	+0.8	—	0	13.6	31	+11	10	0	58	-15	0	9	—	0	0	150	115	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 h 47 m

sunset 16 h 39 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month December 1937 ١٩٣٧ شهر ديسمبر

1417 F.C.

At 14h. on 19th — الساعة ١٤ يوم ١٩

At 8h. on Monday 20th — الساعة ٨ يوم الاثنين

	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	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																										
132	SALŪM	1013.0	NW	6	20.9	62	2	8	1019.6	+1.8	WNW	7	7.5	24	—	7	—	64	—	0	6	—	0	0	8	—	
133	MATRŪH	1011.0	SSW	3	27.8	52	0	6	1018.4	-0.1	WSW	3	10.3	28	+9	9	0	83	+8	0	6	—	0	0	42	57	
134	DIKHEILA	1012.8	—	0	29.8	51	0	8	1018.0	—	NW	4	19.0	30	—	16	—	61	—	2	7	Cu	1	0	30	—	
135	ALEXANDRIA	—	—	0	28.7	26	2	9	1017.2	-1.6	NW	5	18.8	31	+11	17	+6	60	-13	2	8	Cu	2	0	57	75	
136	DAMIETTA								1016.6	—	N	3	19.3	28	—	15	—	79	—	3	8	Cu	2	0	52	37	
137	PORT SAÏD	1013.4	SE	3	29.2	29	0	8	1017.0	-0.5	NW	3	20.5	30	+10	17	+5	86	+14	2	6	Sc	1	0	36	25	
138	EL 'ARÎSH	1013.4	—	0	33.0	25	0	7	1015.0	—	SSW	1	20.0	33	—	15	—	55	—	0	7	—	0	0	44	24	
	LOWER EGYPT																										
139	DAMANHŪR								1017.4	-1.0	—	0	14.7	30	+8	13	+4	85	+1	1	7	Cu	1	0	45	33	
140	MANSŪRA								1016.2	—	N	1	16.5	28	+6	14	+5	82	+1	0	8	—	0	0	74	12	X
141	TANTA	1012.7	SW	4	29.0	34	0	6	1017.4	-1.4	—	0	15.0	29	+8	12	+3	89	+7	0	6	—	0	0	46	10	
	ZAGÂZIG	1013.0	SW	1	27.2	32	0	8	1017.8	—	SW	1	17.4	28	+6	12	+4	84	+2	2	8	Cc	1	0	27	6	
	MIDDLE EGYPT																										
	CAIRO ALMĀZA	1013.8	WSW	4	29.1	24	0	8	1018.2	—	WSW	3	16.8	29	—	13	—	84	—	4	7	Ac	2	0	32	—	
	CAIRO EZBEKĪYA	1012.8	SSW	3	29.2	26	0	9	1018.0	-1.0	—	0	16.8	30	+10	10	+2	88	+7	2	6	Sc	0	0	14	8	
	CAIRO GĪZA	1012.4	SSW	1	29.1	33	0	8	1017.4	-2.3	NNW	2	16.2	30	+10	12	+3	89	+5	2	6	Sc	2	0	54	7	
142	HELWĀN	1012.4	SSW	3	28.4	18	0	8	1017.1	-1.5	NNW	4	16.2	29	+10	15	+6	86	+7	2	4	Cu	2	0	24	7	
143	SUEZ	1013.8	SSW	1	24.2	61	0	8	1016.7	-2.3	NW	3	19.0	25	+4	16	+5	80	+5	0	6	—	1	0	25	12	
	UPPER EGYPT																										
144	FAIYŪM	1013.3	S	1	29.0	29	0	8	1018.0	-1.3	NNE	1	16.2	30	+8	12	+4	82	+7	0	5	—	0	0	dr	4	
145	MINYA	1012.6	SW	2	28.9	35	0	7	1017.8	-1.8	NW	2	14.7	29	+9	12	+4	70	-10	0	7	—	1	0	dr	—	
146	ASYŪT	1012.8	SE	4	29.0	34	0	8	1017.5	-2.8	WSW	3	15.8	30	+9	12	+5	59	-13	0	6	—	0	0	0	4	
147	QENA	1012.6	ESE	1	31.5	40	0	8	1015.9	-3.0	ENE	2	17.5	33	+9	13	+5	59	-6	0	7	—	0	0	0	—	
148	LUXOR	1011.6	W	1	32.7	34	0	8	1015.1	—	NNE	1	16.3	33	—	12	—	70	—	0	8	—	0	0	dr	—	
149	ASWĀN	1010.3	—	0	32.2	30	0	8	1014.7	-4.1	NNE	2	20.0	35	+10	18	+7	64	+11	0	8	—	0	0	dr	—	
	WESTERN DESERT																										
150	SĪWA	1011.6	W	1	23.7	70	0	6	1021.6	+1.9	—	0	6.9	25	+6	3	-2	73	+3	0	6	—	0	0	dr	3	
151	BAHARĪYA	1012.7	—	0	30.6	27	0	7	1019.2	—	NW	3	13.2	31	—	11	—	48	—	0	9	—	0	0	0	—	
152	KHĀRGA	1012.2	N	1	30.8	41	0	9	1016.8	-2.2	N	1	19.0	31	+7	14	+7	56	-9	0	9	—	0	0	0	dr	
153	DĀKHLA	1012.2	—	0	29.2	34	0	9																		—	
	RED SEA																										
154	TŌR	1014.8	S	6	29.5	31	7	3	1015.4	-2.3	N	3	15.0	30	+8	12	+2	58	-2	0	6	—	0	0	40	8	
155	HURGHĀDA								1015.9	-1.8	WNW	2	21.6	28	+3	13	+2	56	-1	1	9	St	1	0	tr	dr	
156	QUSEIR	1014.4	NNE	2	25.1	76	0	7	1015.6	-1.8	NW	2	23.4	27	+3	22	+6	63	+13	0	7	—	0	0	4	6	
157	PORT SUDAN								1014.2	-1.1	NW	2	25.2	30	+2	22	+1	77	+7	3	—	—	1	0	127	79	
158	WĀDI HALFA								1015.2	-3.9	NNE	2	19.9	31	+6	19	+10	55	+3	1	8	Cs	1	—	—	—	
	NORTH SUDAN																										
159	KAREIMA																										
160	'ATBARA								1011.6	-3.2	NE	3	23.6	35	+4	19	+4	48	+10	0	—	—	0	0	1	1	
161	KHARTŪM								1010.3	-3.7	NNW	3	24.1	36	+3	17	+1	46	+9	2	7	Cs	0	0	2	5	
162	KASSALA								1009.6	-2.9	ESE	1	21.9	38	+4	16	-1	50	-10	0	6	—	0	0	dr	11	
163	WAD MEDANI								1009.6	-3.6	N	1	22.9	36	+2	15	-1	40	0	0	—	—	0	0	16	13	
164	DUEIM								1010.0	-3.4	W	3	25.2	36	+2	20	+5	35	+2	0	—	—	0	0	14	12	
165	RENK																										
166	ROSEIRES								1009.6	-2.1	WNW	1	24.7	38	+2	17	+1	34	-1	0	—	—	0	0	38	37	
167	EL OBEID								1011.9	-3.7	NNW	4	20.9	35	+4	16	+4	41	+4	0	8	—	0	0	8	19	
168	EL FÂSHER								—	—	NE	1	18.0	35	+4	14	+4	71	+3	0	—	—	0	0	32	8	
169	CENTRAL SUDAN																										
170	MALAKĀL								1010.3	-1.1	ENE	1	23.2	37	+1	19	+2	52	+22	2	8	Ac	1	0	47	93	
171	WĀU								1010.0	-1.2	W	1	24.0	38	+3	22	+4	72	+14	0	—	—	0	0	164	146	
172	JŪBA								1010.4	-0.7	W	3	27.7	38	+2	21	+1	57	-7	2	7	Sc	1	0	166	138	
173	S. SUDAN								—	—	NE	3	20.0	36	—	13	—	25	—	1	8	Cu	0	0	14	—	
174	Geneina																										
175	Gallabat																										
176																											
177																											
178																											
179																											
180																											

Upper Wind Observations on 20th

ارصاد الرياح العليا يوم ٢٠

Height metres above M.S.L.	Salum 08h15m Dir E of N	Salum Kms per hour	Matruh 07h00m Dir E of N	Matruh Kms per hour	Dikheila 07h30m Dir E of N	Dikheila Kms per hour	Cairo 08h15m Dir E of N	Cairo Kms per hour	Helwan 08h30m Dir E of N	Helwan Kms per hour	Asyut 07h00m Dir E of N	Asyut Kms per hour	Aswan 07h00m Dir E of N	Aswan Kms per hour	W. Halfa 06h00m Dir E of N	W. Halfa Kms per hour	Khartum 06h00m Dir E of N	Khartum Kms per hour	Kassala 06h00m Dir E of N	Kassala Kms per hour	El Obeid 06h00m Dir E of N	El Obeid Kms per hour	Malakal 06h00m Dir E of N	Malakal Kms per hour	Geneina 07h00m Dir E of N	Geneina Kms per hour	Juba 07h00m Dir E of N	Juba Kms per hour	Almaza 19h15m Dir E of N	Almaza Kms per hour
200	270	50	280	47	320	20	10	21	330	17	—	—	—	—	350	16	—	—	—	—	—	—	—	—	—	—	—	—	200	21
500	280	30	300	46	310	28	0	21	350	—	340	12	60	23	20	27	0	45	—	—	—	—	90	2	—	—	—	—	200	34
1000	330	24	300	50	300	34	40	19	320	19	310	10	20	20	30	34	10	56	90	13	10	47	350	21	50	21	290	43	180	54
1500	300	30			280	36	270	5	230	11	290	20	110	14	350	11	10	31	30	16	30	29	0	27	30	18	290	18	190	60
2000	270	36			Ent. Cb				Ent. Cu		270	30	290	23	190	11	50	2	30	21	90	6	0	32	10	14	80	24	190	54
3000															350	27			10	13	260	27	80	21	90	8				
4000															340	24			10	11										
5000																														
6000																														

Forecast for 24 hours from noon on 20th

On the coast fresh west to northwest winds.
Inland moderate northwest to north winds.
At times much low cloud.
Possibly light rain near the coast.
Much cooler.

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم ٢٠

رياح شرقية نوعا غربية الى شمالية غربية على الساحل.
رياح معتدلة شمالية غربية الى شمالية في الداخل.
يكثر السحاب المنخفض احيانا وربما قطر خفيفا بالقرب من الساحل.
وتزداد برودة الجو

STATION	Mean of day HUMIDITY % on 19th	Diff. from normal	WET BULB TEMP. °C on 19th	Diff. from normal
Alexandria	43	-22	15.0	+2.8
Ezbekiya	56	-16	14.6	+3.1
Giza	59	-18	15.2	+3.8
Helwan	27	-33	13.9	+3.7

Grass minimum 20th 9.1 °C

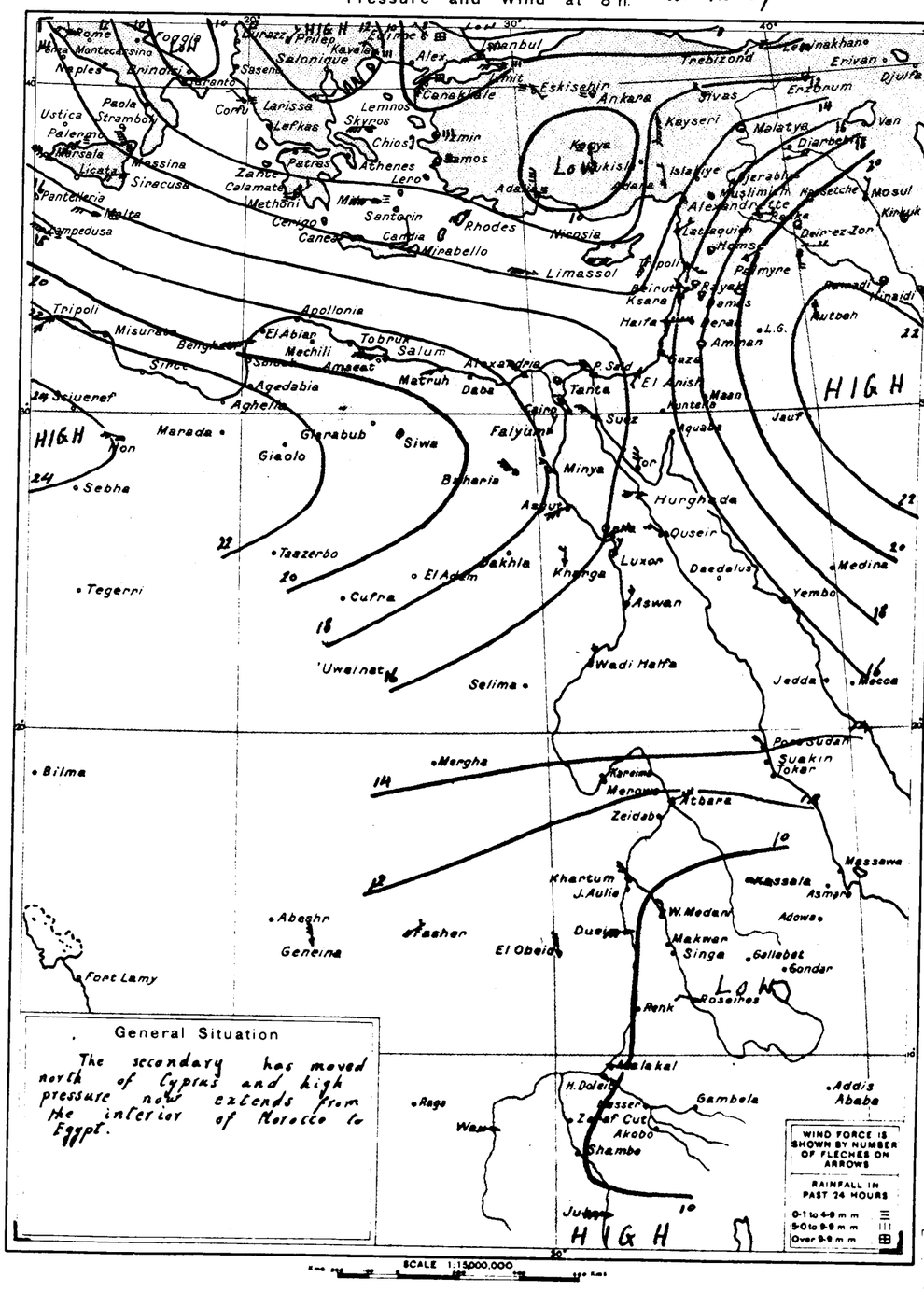
Discharges at Aswān measured by sluices m³ per sec

DATE	1937	1936
20-12	1157	1127
19-12	1158	1124

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jūba	20-12	13.70	+0.24	13.70	+0.23
Nāsser	19-12	8.25	-0.68	8.37	-0.69
Malakāl	20-12	12.07	+0.08	12.16	+0.07
Roseires	20-12	13.02	+0.27	13.02	+0.24
Sennār Res	19-12	20.70	—	20.70	—
Khartūm	19-12	11.47	-0.09	11.49	-0.09
Kh. el Girba	—	—	—	—	—
Atbara	20-12	10.86	-0.13	10.88	-0.13
Kajnarti	19-12	134.36	-0.17	134.32	-0.23
Wādi Halfa	—	—	—	—	—
Aswān Res	20-12	120.29	—	120.20	—
D.S.	20-12	86.32	+0.13	86.32	+0.13
El Lisi	20-12	18.49	-0.14	18.52	-0.14
Roda (Cairo)	20-12	15.86	+0.19	15.86	+0.16

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

Pressure and Wind at 8 h. 20-12-37



General Situation

The secondary has moved north of Cyprus and high pressure now extends from the interior of Morocco to Egypt.

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 19th — الساعة ٨ يوم ١٩

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	محطة
Limassol	1016	-2	NE	3	19	—	—	—	—	—	—	2	—	—	—	—	—	—	ليماسول
Haifa	1018.0	+1.6	E	4	21.7	29	+9	19	+9	51	-16	3	—	—	—	0	252	224	حيفا
Gaza	1016.6	-0.1	SSE	1	18.3	32	+12	12	+3	34	-39	2	5	—	1	0	150	119	غزة
Aswan	1014.7	-4.1	—	0	21.7	34	+9	17	+6	60	+7	0	8	—	0	0	dr	—	اسوان

ANNUAL SUBSCRIPTION

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

CAIRO
Time of sunrise h 06 m 47
sunset h 16 m 59

Month *December* 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ١٩٣٧-١٢-٢١

1417 F.C.

At 14h. on 20th الساعة ١٤ يوم ٢٠ — At 8h. on Tuesday 21st الساعة ٨ يوم الثلاثاء 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	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	SALÛM	1019.1	W	6	17.2	52	0	8	1022.8	+5.0	W	5	7.8	18	—	7	—	90	—	2	5	Cu	1	0	8	—
	Mediterranean	MATRÛH	1018.6	WNW	4	17.2	76	0	6	1021.2	+2.6	WSW	3	10.2	19	0	9	0	87	+12	0	6	—	1	0	42	58
	Mediterranean	DIKHEILA	1019.4	NW	3	19.8	49	1	8	1022.0	—	SW	3	11.8	20	—	10	—	64	—	2	6	Sc	2	0	30	—
13[illegible]	Mediterranean	ALEXANDRIA	1018.0	NW	4	19.8	46	2	9	1021.4	+2.6	SW	5	15.5	22	+2	12	+1	76	+1	2	8	Cb	2	0	51	77
159	Mediterranean	DAMIETTA								1021.5	—	S	2	11.6	23	—	9	—	71	—	0	8	—	0	0	52	37
134	Mediterranean	PORT SAÏD	1017.0	NW	4	17.5	62	2	8	1021.8	+4.3	SW	5	16.2	23	+3	14	+2	67	-9	0	8	—	1	0	36	26
135	Mediterranean	EL 'ARÎSH	1016.0	NNW	2	21.0	78	4	6	1021.9	—	WSW	1	15.0	23	—	13	—	81	—	0	7	—	0	0	44	25
136	Lower Egypt	DAMANHÛR								1022.0	+3.5	SW	2	9.8	22	0	9	0	66	-18	0	7	—	0	0	45	34
137	Lower Egypt	MANSÛRA								1021.5	—	SE	1	9.8	22	+1	8	-1	73	-8	0	8	—	0	0	74	13
	Lower Egypt	TANTA	1017.5	NW	4	21.5	54	2	6	1022.4	+3.6	SW	2	9.0	22	+1	6	-2	80	-2	0	6	—	0	0	46	11
	Lower Egypt	ZAGÂZÎG	1017.8	NNW	1	22.3	54	2	8	1023.0	—	SW	1	12.8	22	0	7	0	67	-15	0	7	—	0	0	27	6
1	Middle Egypt (Cairo)	ALMÂZA	1018.0	WNW	2	21.0	50	2	8	1022.6	—	SSE	1	11.4	21	—	6	—	57	—	0	7	—	0	0	32	—
	Middle Egypt (Cairo)	EZBEKÎYA	1017.8	NNW	1	22.4	58	2	9	1022.7	+3.7	SSE	1	11.5	23	+3	9	+1	72	-9	0	6	—	0	0	14	9
	Middle Egypt (Cairo)	GÎZA	1017.4	NNW	2	21.6	61	2	8	1022.7	+3.0	SSE	2	10.1	22	+2	6	-1	78	-6	0	5	—	0	0	54	7
143	Middle Egypt	HELWÂN	1017.4	NW	4	20.6	53	2	7	1023.1	+4.6	NNE	2	10.8	23	+4	9	0	55	-13	0	6	—	0	0	24	7
144	Middle Egypt	SUEZ	1016.4	NW	2	22.2	54	3	7	1022.4	+3.4	NE	2	11.8	23	+2	10	-1	76	+1	0	6	—	1	0	25	13
153	Upper Egypt	FAIYÛM	1017.8	N	3	21.6	53	0	8	1023.0	+3.7	—	0	12.7	23	+1	6	-2	68	-7	0	5	—	0	0	dr.	4
154	Upper Egypt	MINYA	1017.0	NNW	3	21.8	58	0	6	1023.1	+3.4	NNW	1	10.5	22	+2	7	-1	65	-15	0	5	—	0	0	dr.	—
155	Upper Egypt	ASYÛT	1016.0	WSW	3	24.2	49	0	8	1022.6	+2.2	WSW	3	9.5	25	+5	7	0	65	-7	0	6	—	0	0	0	4
156	Upper Egypt	QENA	1014.2	WSW	1	29.0	37	1	8	1019.4	+0.4	W	3	14.3	33	+9	11	+3	64	-1	0	7	—	0	0	0	—
157	Upper Egypt	LUXOR	1013.4	WSW	1	31.1	39	3	8	1018.6	—	ENE	2	13.2	32	—	10	—	82	—	0	8	—	0	0	dr.	—
158	Upper Egypt	ASWÂN	1011.5	NNW	2	29.4	60	1	8	1018.0	-0.9	N	4	18.0	30	+5	16	+5	59	+6	1	8	Cu	2	0	dr.	—
148	Western Desert	SÎWA	1020.7	W	1	17.1	83	0	6	1023.1	+3.4	—	0	6.9	18	-2	1	-4	72	+2	0	6	—	0	0	dr.	3
149	Western Desert	BAHARÎYA	1018.8	NNW	3	18.6	23	0	9	1023.9		—	0	7.0	19	—	5	—	71	—	0	9	—	0	0	0	—
151	Western Desert	KHÂRGA	1015.6	N	5	25.2	56	0	9	1021.0	+1.9	N	4	14.4	25	+1	12	+5	63	-2	0	9	—	0	0	0	dr.
152	Western Desert	DÂKHLA	1018.0	NNW	4	22.0	39	0	6																		
145	Red Sea	TÔR	1014.0	NW	3	24.5	76	0	6	1017.9	0.0	N	2	18.2	27	+5	14	+4	74	+14	0	6	—	0	0	40	8
146	Red Sea	HURGHÂDA								1019.2	+1.4	NW	4	19.3	29	+6	17	+6	69	+12	0	9	—	1	0	tr.	dr.
147	Red Sea	QUSEIR	1014.2	E	3	25.4	72	3	6	1017.8	+0.4	NNW	4	22.3	27	+3	20	+4	55	+5	0	7	—	0	0	4	6
169	Red Sea	PORT SUDAN								1014.7	-0.7	NW	2	24.3	30	+2	21	0	81	+15	3	—	—	1	0	127	80
165	North Sudan	WÂDI HALFA								1017.7	-1.4	NNE	5	16.6	31	+6	16	+7	46	-6	0	7	—	0	—		—
166	North Sudan	KAREIMA								1014.1	-2.6	NE	5	22.3	32	+2	20	+7	50	+12	0	8	—	0	0	dr.	1
167	North Sudan	'ATBARA								1012.4	-2.4	N	3	23.0	33	+2	19	+4	53	+15	0	—	—	0	0	1	1
168	North Sudan	KHARTÛM								1011.4	-2.7	NNW	4	23.5	36	+3	19	+3	52	+15	0	8	—	0	0	2	5
170	North Sudan	KASSALA								1009.8	-2.7	SE	1	21.6	38	+4	15	-2	50	-10	0	6	—	0	0	dr.	11
171	Central Sudan	WAD MEDANI								1010.2	-3.0	NNW	2	23.6	35	+1	15	-1	33	-7	0	—	—	0	0	16	13
173	Central Sudan	DUEIM																									12
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1009.1	-2.6	WSW	1	24.8	39	+3	18	+2	44	-1	0	—	—	0	0	38	37
174	Central Sudan	EL OBEID								1011.6	-4.0	NW	3	21.0	34	+3	18	+6	45	+8	0	8	—	0	0	8	19
175	Central Sudan	EL FÂSHER								—	—	NNE	1	16.5	34	+3	11	+1	74	+39	0	—	—	0	0	32	8
176	S. Sudan	MALAKÂL								1010.2	-1.2	NE	2	24.2	36	0	18	+1	46	+16	0	8	—	0	0	47	93
177	S. Sudan	WÂU								1010.6	-0.6	SE	1	22.0	38	+2	19	+1	62	+5	0	—	—	0	0	164	146
178	S. Sudan	JÛBA								1011.2	+0.1	E	3	25.0	37	+1	21	+1	61	-3	2	6	Sc	0	0	166	138
179		Geneina								—	—	NE	3	16.8	34	—	14	—	26	—	2	8	Ac	0	0	14	—
180		Gallabat																									

Upper Wind Observations on 21-12-1937 ارصاد الرياح العليا يوم ٢١-١٢-١٩٣٧

Height metres above M.S.L.	Salum 07h45m Dir	Kms/h	Matruh 07h00m Dir	Kms/h	Dikheila 07h45m Dir	Kms/h	Cairo 08h00m Dir	Kms/h	Helwan 08h15m Dir	Kms/h	Asyut 07h00m Dir	Kms/h	Aswan 07h00m Dir	Kms/h	W. Halfa 05h00m Dir	Kms/h	Kareima 06h00m Dir	Kms/h	Khartum 06h00m Dir	Kms/h	Kassala 06h00m Dir	Kms/h	El Obeid 06h00m Dir	Kms/h	Malakal 04h00m Dir	Kms/h	Geneina 07h00m Dir	Kms/h	Almaza 11h45m Dir	Kms/h
200	250	24	280	39	250	31	50	5	330	8	—	—	—	—	0	29	—	—	—	—	—	—	—	—	—	—	—	—	340	21
500	—	—	290	22	280	29	20	8	350	17	10	51	0	45	20	43	30	43	350	47	—	—	—	—	0	13	—	—	320	16
1000	60	18	290	20	320	18	280	4	10	12	350	30	40	32	20	47	50	50	10	77	30	23	30	55	350	21	40	40	Ent. Cu.	
1500	10	5	300	17			290	7	310	10	350	27	60	14	20	43	40	37	50	23	30	14	30	43	350	14	60	56		
2000	310	19					240	19	300	25			330	6	10	31	20	19	120	21	20	11	80	14	10	5	40	37		
3000									300	24					300	31	10	21	90	24	280	10			80	18	180	14		
4000																			150	14	260	13					290	19		
5000																					350	24								
6000																					30	18								

Forecast for 24 hours from noon on 21st

On the coast moderate to fresh westerly winds, backing to southwest.
Inland light to moderate west or northwest winds.
Occasional low cloud.
Temperature about normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر ٢١

رياح غربية بين المعتدلة والشديدة نوعا ثم تتحول الى جنوبية غربية على الساحل. ورياح بين الخفيفة والمعتدلة وبين غربية وشمالية غربية في الداخل. يظهر السحاب المنخفض أحيانا. ودرجة الحرارة حوالى المعدل.

Station	Mean of day Humidity % on 20th	Diff. from normal	Wet bulb temp °C on 20th	Diff. from normal
Alexandria	54	-11	13.3	+1.2
Ezbekiya	75	+3	15.5	+4.1
Giza	83	+6	14.8	+3.4
Helwan	67	+7	14.2	+4.1

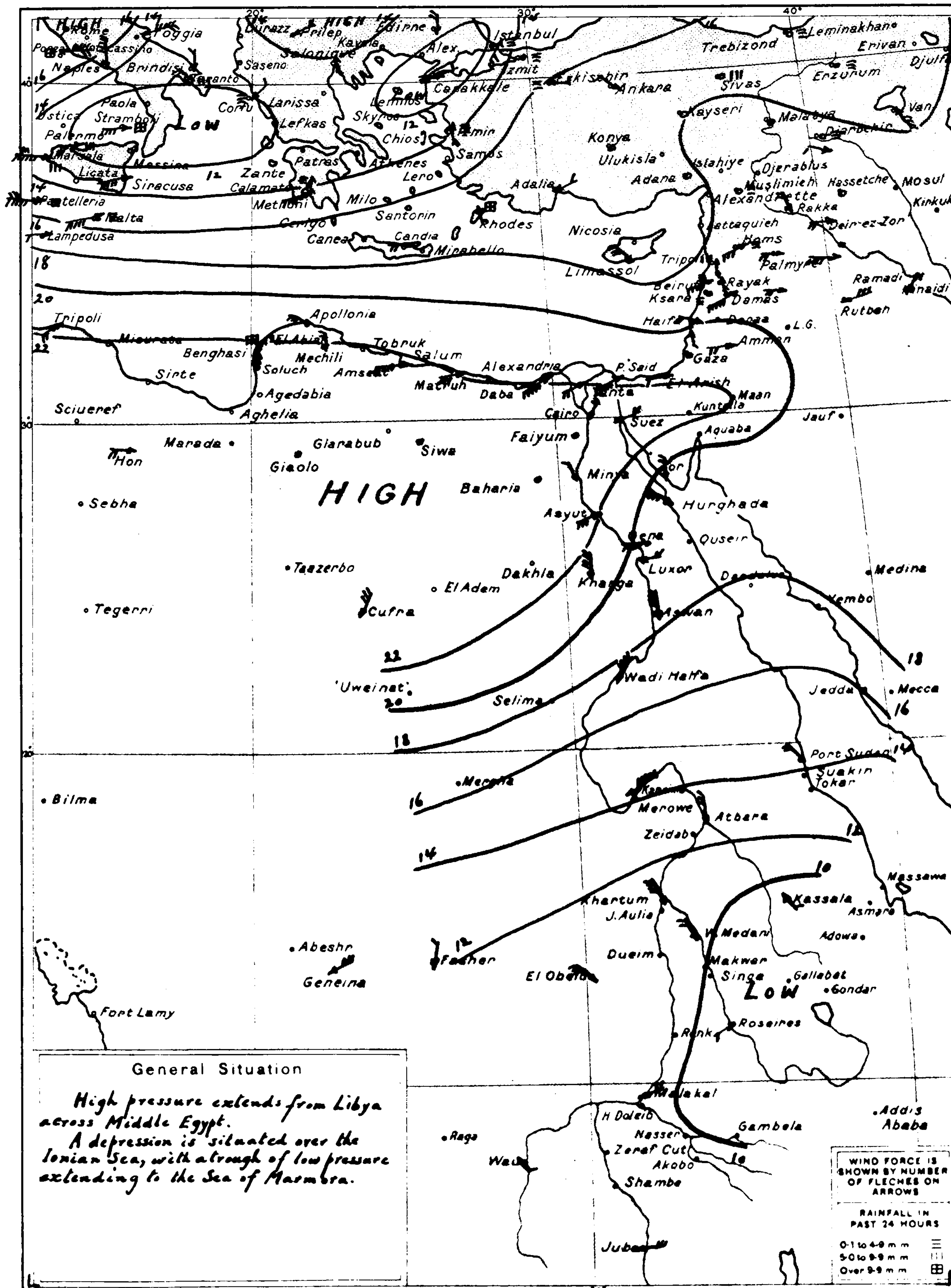
[illegible] 21st 3.2 °c

Discharges at Aswan measured by sluices m³ per sec

DATE	1937	1936
21-12	1157	1123
20-12	1157	1127

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	20-12	13.70	+0.24	13.70	+0.23
Nâsser	20-12	8.14	-0.64	8.25	-0.58
Malakâl	21-12	12.03	+0.05	12.07	+0.08
Roseires	21-12	13.02	+0.29	13.02	+0.27
Sennar Res	20-12	20.71	—	20.70	—
Khartûm	20-12	11.44	-0.09	11.07	-0.09
Khashm el Girba					
Atbara	20-12	10.06	-0.13	10.08	-0.13
Kajnarti	20-12	134.39	-0.11	134.36	-0.17
Wâdi Halfa					
Aswân Res	21-12	120.29	—	120.29	—
D S	21-12	86.33	+0.14	86.32	+0.13
E Les	21-12	18.44	-0.17	18.49	-0.14
Roda (Cairo)	21-12	15.73	+0.15	15.66	+0.19

Pressure and Wind at 8 h. 21-12-1937



General Situation

High pressure extends from Libya across Middle Egypt.
A depression is situated over the Ionian Sea, with a trough of low pressure extending to the Sea of Marmora.

At 8 h. on 20th الساعة ٨ يوم ٢٠

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	-6	W	2	16	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1015.2	-1.2	E	5	15.9	29	+9	16	+7	87	+20	4	—	—	—	0	252	230	حيفا
Gaza	1008.2	-8.6	SE	1	16.4	33	+13	14	+5	89	+34	1	6	—	1	0	150	124	غزة
Dakhla	1019.0	-1.2	NNW	3	15.8	31	+8	12	+6	40	-17	0	7	—	0	0	0	—	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

Cirrus · Cirro-cumulus · Cirro-stratus · Alto-stratus · Alto-cumulus · Strato-cumulus · Stratus · Nimbus · Nimbo-stratus · 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. 00 m.

Month December 1937 ١٩٣٧ ديسمبر شهر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٢٢-١٢-٣٧

No.	Region	Station	14h on 21st: Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h on Wednesday 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	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	SALÛM	1021.1	WSW	5	17.0	58	2	8	1021.6	+3.8	WSW	6	5.0	17	—	3	—	61	—	2	5	Ac	2	•	8	—
		MATRÛH	1020.3	WNW	2	17.4	82	0	6	1020.3	+1.7	WSW	2	7.0	18	-1	6	-3	71	-4	•	6	—	0	•	42	59
		DIKHEILA	1020.5	WSW	3	18.8	66	3	7	1020.3	—	WSW	3	12.7	20	—	9	—	67	—	•	6	—	1	dr	30	—
132		ALEXANDRIA	1020.4	SW	4	17.5	75	3	8	1019.5	+0.7	SW	2	14.7	19	0	11	0	67	-8	1	7	Cu	2	1	52	79
159		DAMIETTA								1019.1	—	SW	2	12.0	22	—	9	—	91	—	0	8	—	2	•	52	38
134		PORT SAÏD	1020.4	SW	4	20.2	41	0	8	1019.2	+1.7	SW	4	15.6	21	+1	12	0	81	+5	•	8	—	•	0	36	26
135		EL ʿARÎSH	1019.9	NNW	2	19.0	63	0	7							—		—		—							25
136	Lower Egypt	DAMANHÛR								1020.2	+1.7	SW	2	10.0	21	•	9	0	79	-5	0	7	—	0	•	45	34
137		MANSÛRA								1019.5	—	W	1	9.5	21	0	8	-1	91	+10	0	5	—	•	0	74	13
		TANTA	1020.4	W	2	21.0	49	0	6	1019.8	+1.0	SW	2	9.0	22	+1	7	-1	93	+11	0	6	—	•	•	46	11
		ZAGÂZÎG	1021.2	NW	1	19.4	47	•	8	1020.6	—	SW	1	12.8	21	0	6	-1	75	-7	0	7	—	•	•	27	6
	Middle Egypt (Cairo)	ALMÂZA	1020.8	NW	3	18.5	32	•	8	1021.0	—	S	1	10.0	19	—	4	—	72	—	1	6	Ci	1	•	32	—
		EZBEKÎYA	1020.6	NNE	2	19.0	44	•	9	1020.4	+1.4	—	•	9.8	21	+1	8	•	84	+3	0	5	Cu	0	•	14	9
		GÎZA	1020.4	NNW	2	18.7	51	0	9	1020.4	+0.6	—	0	7.6	21	+1	4	-3	86	+2	1	5	Sc	1	•	54	7
143		HELWÂN	1020.4	WNW	3	17.6	31	0	7	1020.8	+2.2	—	•	8.6	18	-1	7	-2	79	+11	0	5	—	•	0	24	7
144		SUEZ	1018.8	NNE	3	18.7	38	0	8	1017.9	-1.1	N	2	11.8	19	-2	10	-1	65	-10	0	6	—	•	•	25	13
153	Upper Egypt	FAIYÛM	1020.7	NNW	3	18.4	35	0	8	1020.6	+1.3	—	•	10.6	21	-1	5	-3	60	-15	1	5	Ac	0	•	dr	5
154		MINYA	1020.2	NNW	2	18.2	34	•	7	1021.2	+1.5	N	1	10.6	18	-2	6	-2	56	-24	2	6	Ac	1	•	dr	—
155		ASYÛT	1019.2	NNW	4	19.4	30	•	8	1021.1	+0.7	WSW	3	7.8	21	+1	5	-2	64	-8	•	6	—	0	•	0	4
156		QENA	1016.3	W	4	24.0	39	•	8	1018.3	-0.8	NNW	2	10.5	24	0	7	-1	64	-1	3	7	Cu	1	•	0	—
157		LUXOR	1015.9	NE	3	24.6	40	0	8	1018.0	—	E	1	10.1	26	—	7	—	79	—	4	7	Cb	2	•	dr	—
158		ASWÂN	1014.0	N	4	26.3	43	0	8	1017.8	-1.1	N	3	16.6	27	+2	15	+4	40	-13	2	8	Ci	2	•	dr	—
148	Western Desert	SÎWA	1021.0	W	1	17.8	75	0	6	1021.1	+1.4	—	0	3.9	18	-2	•	-5	28	-42	0	6	—	0	•	dr	3
149		BAHARÎYA	1021.0	NNE	1	18.0	37	•	9	1022.0	—	—	•	9.6	18	—	3	—	55	—	0	9	—	0	•	•	—
151		KHÂRGA	1018.0	N	3	19.6	52	•	9	1020.6	+1.5	N	2	10.0	21	-3	7	•	67	+2	0	7	—	•	•	•	dr
152		DÂKHLA	1019.8	NNE	1	19.6	30	•	8	1021.8	+1.5	W	1	9.2	20	-3	5	-1	52	-6	•	8	—	•	•	0	—
145	Red Sea	TÔR	1016.4	NW	6	21.5	74	0	8	1016.7	-1.2	N	2	14.1	22	0	10	+1	68	+9	0	6	—	•	•	40	8
146		HURGHÂDA								1017.6	-0.2	WNW	4	16.5	24	+1	11	0	55	-2	3	8	Ci	1	•	tr	dr
147		QUSEIR	1016.7	NNE	4	23.6	44	•	7	1016.8	-0.6	NW	4	19.9	25	+1	17	+2	44	-6	4	6	Sc	2	•	4	6
169		PORT SUDAN								1014.4	-1.0	N	2	24.0	29	+1	22	+1	87	+19	4	—	—	2	•	127	81
165	North Sudan	WÂDI HALFA								1017.6	-1.5	N	4	15.0	27	+2	13	+5	40	-12	2	8	Cs	•	—	—	—
166		KAREIMA								1014.1	-2.6	NE	3	21.3	32	+2	18	+5	49	+11	0	8	—	•	•	dr	1
167		ʿATBARA								1012.3	-2.5	NE	3	23.0	32	+1	19	+4	56	+18	•	—	—	0	•	1	1
168		KHARTÛM								1011.6	-2.5	N	4	22.3	34	+1	19	+3	58	+21	0	7	—	•	0	2	5
170		KASSALA								1008.7	-3.8	ENE	2	22.9	37	+3	15	-1	59	-1	0	7	—	•	•	dr	11
171	Central Sudan	WAD MEDANI								1010.0	-3.3	NNE	2	23.0	35	+1	15	-1	44	+4	0	—	—	0	0	16	13
173		DUEIM								1010.3	-3.1	W	4	23.8	35	+1	21	+6	43	+10	•	—	—	•	•	14	12
		RENK														—		—		—							
172		ROSEIRES								1009.0	-2.8	NNW	1	23.6	38	+2	17	+1	43	-2	•	—	—	•	•	38	37
174		EL OBEID								1012.1	-3.5	N	3	20.8	32	+1	17	+5	49	+12	0	8	—	•	•	8	19
175		EL FÂSHER								—	—	NE	1	15.5	33	+2	13	+3	79	+44	0	—	—	0	•	32	8
176	S. Sudan	MALAKÂL								1009.1	-2.3	NE	3	24.8	36	•	18	+1	40	+10	•	8	—	•	0	47	93
177		WÂU								1009.8	-1.4	N	2	22.8	38	+2	19	+1	42	-14	•	—	—	•	0	164	146
178		JÛBA								1010.9	-0.2	SSW	4	22.7	38	+2	20	0	53	-11	1	6	Sc	1	0	166	138
179		Geneina																									
180		Gallabat																									

Upper Wind Observations on 22nd ارصاد الرياح العليا يوم ٢٢

Height metres above M.S.L.	Salum 08h 00m Dir. E. of N.	Kms per hour	Matruh 07h 00m Dir.	Kms	Dikheila 08h 00m Dir.	Kms	Cairo 08h 30m Dir.	Kms	Helwan 08h 30m 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	Malakal 03h 00m Dir.	Kms	Juba 06h 00m Dir.	Kms	Almaza 21st 11h 30m Dir.	Kms	Abukir 07h 00m Dir.	Kms
200	250	42	270	50	240	34	310	13	310	9	—	—	—	—	•	11	—	—	—	—	—	—	—	—	—	—	320	9	260	24
500	—	—	270	56	260	32	340	12	350	13	340	43	30	28	20	31	40	43	0	45	—	—	0	34	—	—	50	2	260	23
1000	340	42	260	50	240	13	60	5	50	12	340	33	50	7	20	32	70	47	30	29	100	24	30	43	180	11	340	11	240	13
1500	330	54			150	14	60	4	40	8			30	4	70	21	50	23	70	23	50	23	40	14			310	11	160	14
2000					220	29	280	19	270	14			110	17	40	8	—	10	80	18	350	14	20	3			300	15		
3000							280	31	290	40					•	11	330	10	290	14	30	11	100	16			270	21	Tail.	
4000																					30	21								
5000																														
6000																														

Forecast for 24 hours from noon on 22nd

On the coast moderate to fresh southwest winds, veering to northwest, strong at times.

Inland moderate northwest to north winds freshening.

Low cloud developing. Showers probable in the north. Cooler!

Further outlook: Cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٢

رياح جنوبية غربية بين المعتدلة والنسيمية ونشاط تتحول الى شمالية غربية على الساحل وتكون شديدة احيانا. ورياح معتدلة بين شمالية غربية وشمالية ثم تشتد نوعا. تتكون سحب منخفضة. ويحتمل تساقط رذاذ في الشمال. تكون درجة الحرارة اكثر ميلا الى البرودة.

وفيما بعد يستمر الطقس باردا

Station	Mean of day: Humidity % on 21st	Diff. from normal	Wet bulb temp. °C on 21st	Diff. from normal
Alexandria	69	+4	14.1	+2.1
Ezbekiya	67	-5	10.8	-0.5
Giza	80	+4	10.1	-1.2
Helwan	48	-12	8.5	-1.5

Giza Grass minimum on 22nd 1.2°C

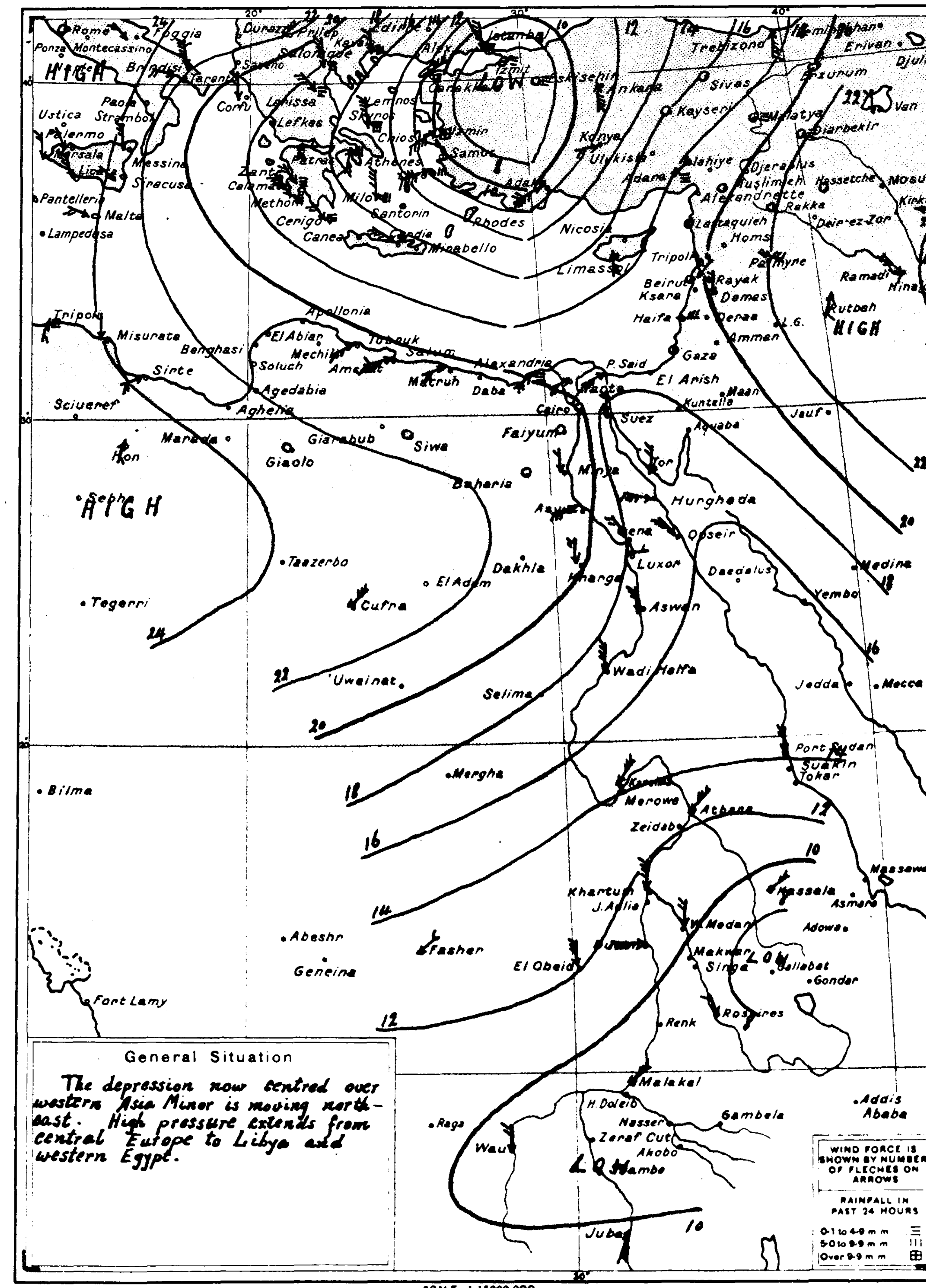
Discharges at Aswân measured by sluices m^3 per sec.

Date	1937	1936
22-12	1156	1122
21-12	1157	1123

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day: Reading m	Diff. from normal m
Jûba	21-12	12.69	+0.33	12.70	+0.24
Nâsser	21-12	8.03	-0.69	8.14	-0.64
Malakâl	22-12	11.99	+0.03	12.03	+0.05
Roseires	22-12	13.00	+0.30	13.02	+0.29
Sennâr Res.	21-12	20.72	—	20.71	—
Khartûm	21-12	11.42	-0.09	11.44	-0.09
Kh el Girba	—	—	—	—	—
ʿAtbara	21-12	10.86	-0.12	10.86	-0.13
Kajnarti	21-12	134.37	-0.13	134.39	-0.11
Wâdi Halfa	—	—	—	—	—
Aswân Res.	22-12	120.41	—	120.29	—
D. S.	22-12	86.33	+0.14	86.33	+0.14
El Leisi	22-12	18.37	-0.23	18.44	-0.17
Rôda (Cairo)	22-12	15.46	-0.03	15.78	+0.15

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

Pressure and Wind at 8 h. 22-12-37



General Situation

The depression now centred over western Asia Minor is moving north-east. High pressure extends from central Europe to Libya and western Egypt.

Station	At 8 h on 21st: Bar. Pressure 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	Rainfall Past 24 hours m	Total fr Oct 1 to yesterday m	Normal fr Oct 1 to yesterday m	
Limassol	1017	-1	NW	3	13	—	—	—	—	—	—	•	—	—	—	—	—	—	ليماسول
Haifa	1020.0	+3.6	WNW	2	18.7	25	+6	12	+3	86	+19	4	—	—	—	•	252	237	حيفا
Gaza	1020.8	+4.0	—	•	15.0	23	+3	14	+5	86	+12	•	9	—	•	•	150	128	غزة
Dakhla	1023.1	+2.8	NW	1	10.5	22	-1	9	+3	49	-8	•	8	—	•	•	•	—	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 06 h. 48 m.
sunset 17 h. 00 m.

Month December 1937 . ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT ٢٣-١٢-٣٧

No.	STATION	At 14h. on 22nd (الساعة ١٤ يوم ٢٢) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Thursday 23rd (الساعة ٨ يوم الخميس ٢٣) 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	1020.0	NNW	7	16.8	61	2	8	1022.7	+4.8	WNW	5	7.6	17	—	5	—	80	—	2	6	Cc	1	dr	8	—
131	MATRÛH	1017.9	WNW	4	16.9	81	2	6	1019.5	+0.9	NNW	4	16.7	18	-1	7	-2	81	+5	4	6	Sc	1	dr	42	60
150	DIKHEILA	1019.2	WNW	5	16.7	39	0	8	1019.1	—	NW	2	17.4	20	—	8	—	68	—	3	6	Sc	1	0	30	—
132	ALEXANDRIA	1018.3	W	5	17.0	45	0	9	1018.8	-0.1	N	4	17.5	18	-1	14	+3	63	-12	2	8	Cb	2	tr	52	81
159	DAMIETTA								1018.3	—	SSW	1	12.9	23	—	8	—	93	—	4	7	Cu	6	tr	52	38
134	PORT SAÏD	1017.4	SW	3	19.6	58	0	8	1018.6	+1.1	SW	3	13.2	20	+1	12	+1	91	+15	4	5	Cb	2	dr	36	27
135	EL 'ARÎSH	1016.0	—	0	19.4	90	0	6	1018.4	—	—	0	13.2	21	—	10	—	61	—	0	6	—	0	0	44	26
	LOWER EGYPT																									
136	DAMANHÛR																									35
137	MANSÛRA								1018.7	—	SW	1	10.9	20	-1	7	-2	87	+6	2	4	As	2	0	74	13
138	TANTA	1017.8	SW	4	19.5	51	0	6	1019.1	+0.2	—	0	10.0	20	-1	7	-1	87	+6	2	6	Ci	2	0	46	11
139	ZAGÂZÎG	1017.8	WNW	3	18.9	48	0	8	1019.5	—	SW	1	11.9	19	-2	6	-1	75	-7	2	7	As	1	0	27	6
	MIDDLE EGYPT																									
141	CAIRO ALMÂZA	1019.1	NW	3	17.4	35	0	8	1019.9	—	SSW	2	12.0	20	—	6	—	39	—	3	7	Sc	2	0	32	—
	CAIRO EZBEKÎYA	1018.2	NW	2	19.0	42	0	9	1020.0	+1.0	S	1	12.0	20	0	8	0	56	-25	2	6	Sc	1	0	14	9
	CAIRO GÎZA	1018.0	WNW	2	18.7	46	0	9	1019.6	-0.2	SSE	1	10.1	21	+1	5	-2	69	-15	2	6	Sc	2	0	54	8
143	HELWÂN	1018.7	W	4	17.2	37	0	8	1019.9	+1.3	E	2	9.0	17	-2	7	-2	46	-22	2	7	Cu	1	0	24	8
144	SUEZ	1017.2	NW	3	19.4	65	0	8	1019.2	+0.2	NE	1	8.2	20	-1	6	-5	69	-6	0	7	—	1	0	25	13
	UPPER EGYPT																									
153	FAIYÛM	1018.7	NNW	2	18.6	41	0	8	1020.3	+0.9	—	0	9.8	20	-2	5	-3	52	-23	1	5	Ac	0	0	dr	5
154	MINYA	1018.6	NW	3	19.2	36	0	8	1020.6	+0.8	NNE	2	8.6	20	0	4	-3	51	-29	0	5	—	0	0	dr	—
155	ASYÛT	1018.4	NNW	4	17.2	41	0	8	1020.6	+0.2	WSW	3	5.5	19	-1	3	-4	55	-17	0	6	—	0	0	0	4
156	QENA	1016.2	W	4	20.2	35	3	7	1018.4	-0.7	NNW	3	10.5	21	-2	6	-2	57	-8	0	7	—	0	0	0	—
157	LUXOR	1015.6	NNE	1	22.7	35	4	7	1017.5	—	NNE	2	10.3	24	—	6	—	63	—	0	8	—	0	0	dr	—
158	ASWÂN	1014.3	N	5	23.5	30	3	8	1017.1	-1.8	N	4	12.7	24	0	11	0	58	+5	1	8	Ci	2	0	dr	—
	WESTERN DESERT																									
148	SÎWA	1021.0	—	0	16.8	95	0	6	1021.4	+1.7	—	0	10.8	17	-3	2	-3	83	+13	0	6	—	1	0	dr	3
149	BAHARÎYA	1019.5	NW	2	16.2	32	0	9	1019.8	—	—	0	9.0	17	—	2	—	61	—	0	9	—	0	0	0	—
151	KHÂRGA	1017.8	N	2	19.0	59	0	9	1019.9	+0.8	—	0	10.0	19	-5	4	-3	67	+2	0	9	—	0	0	0	dr
152	DÂKHLA	1019.0	N	1	17.7	40	0	7	1021.0	+0.7	WNW	1	7.0	18	-6	3	-3	45	-12	0	8	—	0	0	0	—
	RED SEA																									
145	TÔR	1014.7	NW	5	21.2	62	0	6	1015.8	-2.2	N	2	13.8	23	+1	11	+2	69	+10	0	6	—	0	0	40	8
146	HURGHÂDA								1016.6	-1.3	WNW	4	15.1	23	0	11	0	56	-1	0	9	—	1	0	tr	dr
147	QUSEIR	1014.7	NNE	1	22.4	53	3	6	1015.9	-1.5	W	3	18.8	24	0	17	+2	33	-17	0	7	—	0	0	4	6
169	PORT SUDAN								1013.0	-2.4	N	3	24.6	29	+1	22	+1	79	11	3	—	—	8	dr	127	82
	NORTH SUDAN																									
165	WÂDI HALFA								1018.0	-1.1	NNE	4	11.9	26	+2	11	+3	43	-9	3	8	Cs	1	—	—	—
166	KAREIMA								1013.9	-2.9	NNE	4	20.0	32	+2	18	+5	68	+30	0	8	—	0	0	dr	1
167	'ATBARA								1011.6	-3.3	NE	3	22.8	33	+2	18	+4	60	+22	0	—	—	0	0	1	1
168	KHARTÛM								1010.3	-3.9	N	4	24.8	35	+2	20	+4	47	+10	0	7	—	0	0	2	5
170	KASSALA								1008.2	-4.4	SE	2	22.7	36	+2	16	0	66	+6	0	8	—	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1008.8	-4.5	N	2	22.0	35	+1	16	0	50	+10	0	—	—	0	0	16	13
173	DUEIM								1009.6	-3.8	W	3	24.2	34	0	19	+4	41	+8	0	—	—	0	0	14	12
	RENK														—		—		—							
172	ROSEIRES								1007.9	-3.9	NNW	1	23.5	38	+2	17	+1	42	-3	0	—	—	0	0	38	37
174	EL OBEID								1011.3	-4.4	N	4	20.0	32	+1	16	+5	40	+3	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	NW	1	15.0	32	+1	11	+1	73	+3[illegible]	0	—	—	0	0	32	8
	S. SUDAN																									
176	MALAKÂL								1006.0	-3.5	ENE	4	24.8	36	0	19	+2	40	+11	0	8	—	0	0	47	93
177	WÂU								1007.9	-3.3	NW	2	23.8	37	+1	20	+3	43	-12	0	—	—	0	0	164	146
178	JÛBA								1008.6	-2.5	S	3	26.0	37	+1	22	+2	62	-2	8	3	—	1	0	166	138
179	Geneina								—	—	NNE	3	15.2	32	—	11	—	21	—	0	8	—	0	0	14	—
180	Gallabat																									

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

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 30m Dir.	Kms	Helwan 08h 30m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Aswan 07h 00m Dir.	Kms	W.Halfa 06h 00m Dir.	Kms	Kareima 06h 00m Dir.	Kms	Khartum 05h 00m Dir.	Kms	Kassala 06h 00m Dir.	Kms	El Obeid 06h 00m Dir.	Kms	Malakal 05h 00m Dir.	Kms	Juba 07h 00m Dir.	Kms	Almaza 23rd 11h 30m Dir.	Kms
200	340	28	330	18	330	24	250	9	160	11	—	—	—	—	10	29	—	—	—	—	—	—	—	—	—	—	—	—	280	16
500	330	42	330	44	320	26	0	20	340	12	350	33	10	31	20	39	50	50	10	47	—	—	30	51	10	34	—	—	290	33
1000	340	36	320	39	320	25	350	31	350	30	0	60	50	7	10	37	60	56	40	43	100	6	60	32	30	40	60	2	290	14
1500	320	42			End. Sc		330	16	350	24	20	33	290	11	60	18	50	27	40	23	290	2	140	8	60	13	150	21	250	4
2000	330	30					10	16	350	24			330	17	30	16	290	5	160	14					100	6	150	26	270	21
3000							Ext. Cu						300	23	330	18	30	11									150	27		
4000															230	16											160	29		
5000															250	24														
6000																														

Forecast for 24 hours from noon on 23rd

On the coast fresh northwest winds, veering to north. Inland light to moderate southwest winds veering to northwest or north.

Much low cloud.

Further showers in the north, possibly light showers inland.

Remaining cool.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٣

رياح شديدة نوعا شمالية غربية ثم تتحول الى شمالية على الساحل. ورياح جنوبية غربية بين خفيفة والمعتدلة ثم تتحول الى شمالية غربية او شمالية في الداخل - يكثر السحاب المنخفض - يتساقط رذاذ آخر في الشمال ويحتمل تساقط في الداخل ايضا - يستمر الطقس مائلا للبرودة

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet Bulb Temp °C on 22nd	Diff. from normal
Alexandria	68	+3	12.3	+0.3
Ezbekiya	59	-13	9.2	-2.0
Giza	72	-4	8.2	-3.0
Helwan	44	-16	7.6	-2.3

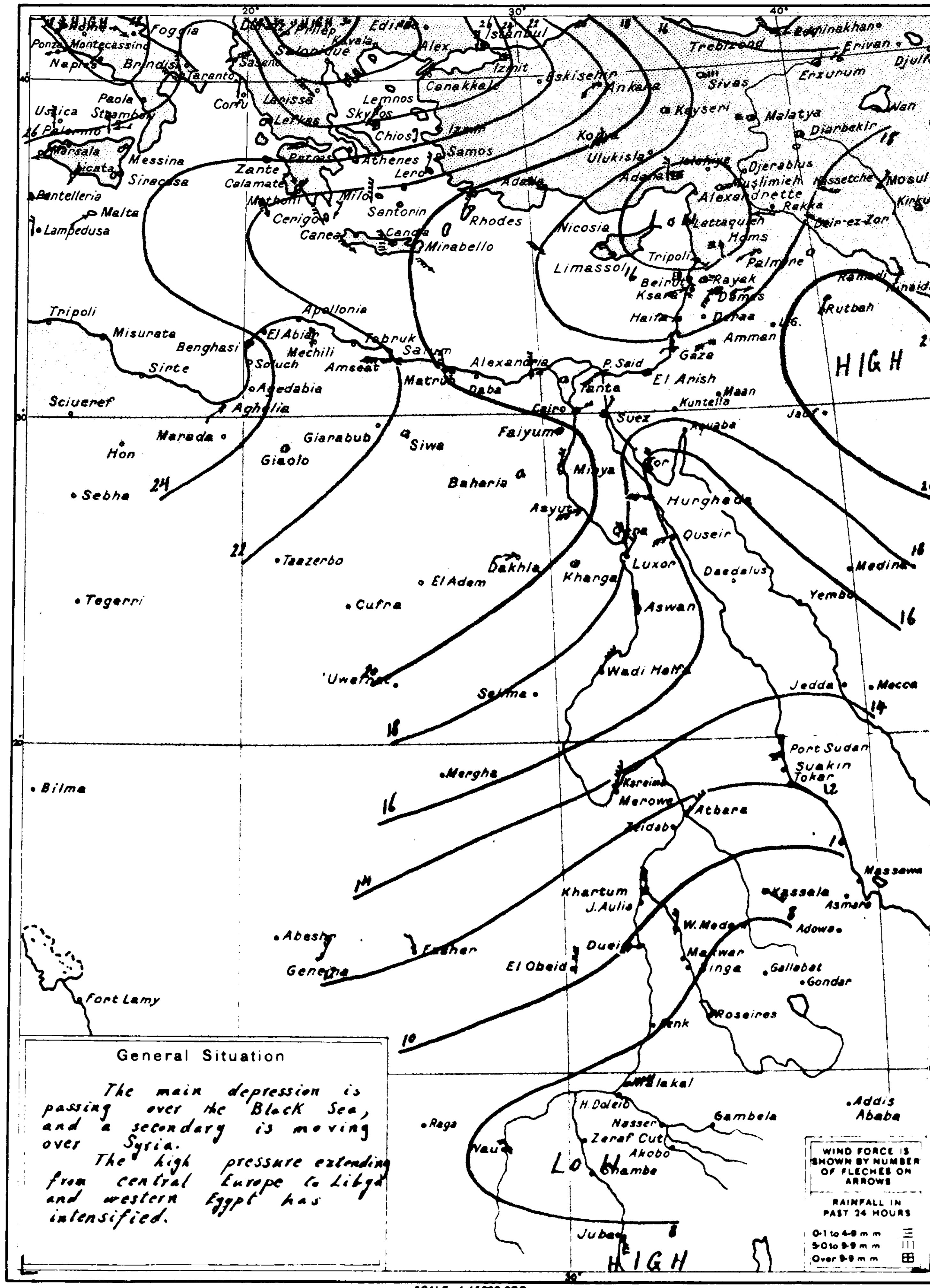
Giza Grass minimum on 23rd 1.6°

Discharges at Aswân measured by sluices m^3 per sec

DATE	1937	1936
23-12	1159	1099
22-12	1156	1122

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Jûba	23-12	13.69	+0.24	13.68	+0.22
Nâsser	22-12	7.90	-0.70	8.03	-0.67
Malakâl	23-12	11.95	-0.01	11.99	+0.03
Roseires	23-12	12.96	+0.28	13.00	+0.30
Sennâr Res.	22-12	20.72	—	20.72	—
Khartûm	22-12	11.39	-0.10	11.42	-0.09
Kh. el Girba	—	—	—	—	—
Atbara	23-12	10.82	-0.14	10.84	-0.13
Kajnarti	23-12	134.29	-0.20	134.39	-0.13
Wâdi Halfa	—	—	—	—	—
Aswân Res	23-12	130.46	—	130.41	—
D.S.	23-12	86.33	+0.14	86.33	+0.14
El Leisi	23-12	15.42	-0.16	15.37	-0.23
Rôda (Cairo)	23-12	15.11	-0.29	15.46	[illegible]

Pressure and Wind at 8 h. 23-12-37



General Situation

The main depression is passing over the Black Sea, and a secondary is moving over Syria.

The high pressure extending from central Europe to Libya and western Egypt has intensified.

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 23rd (الساعة ٨ يوم ٢٣) 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	1017	-1	S	3	14	—	—	—	—	—	—	4	—	—	—	—	—	—	ليماسول
Haifa	1019.4	+3.0	E	3	15.9	22	+3	13	+4	60	-7	0	—	—	—	0	252	244	حيفا
Gaza	1018.3	+1.5	—	0	12.1	22	+2	8	-1	83	+10	0	9	—	0	0	150	132	غزة

Remarks

* El Roseires River Gauge Reading for 9.12.37 published on 9th 10.12.37 should read 13.29 instead of 13.19 m.

ANNUAL SUBSCRIPTION
Inland Post P.T. 100
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CAIRO
Time of sunrise 06 h 49 m
sunset 17 h 01 m

Month *December* 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14h. on *23rd* الساعة ١٤ يوم ٢٣ — At 8h. on *Friday 24th* الساعة ٨ يوم الجمعة 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. 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.	Normal fr. Oct. 1 to yesterday m.
	SALÛM	1021.6	NNW	6	15.7	59	2	8	1021.9	+4.0	NW	4	9.1	17	—	7	—	80	—	3	5	Sc	2	0	8	—
	MATRÛH	1019.6	NNW	4	16.8	89	4	6	1019.9	+1.3	NW	3	15.6	18	-1	13	+4	79	+3	4	6	Sc	2	0	42	61
	DIKHEILA	1019.2	WNW	5	12.7	39	0	8	1019.8	—	E	2	13.7	18	—	12	—	80	—	4	5	Sc	2	7	37	—
	ALEXANDRIA	1018.3	NE	1	22.0	59	3	9	1019.4	+0.5	—	0	13.2	23	+4	12	+1	83	+8	4	6	Cb	6	10	62	83
159	DAMIETTA								1018.6	—	SW	1	13.8	21	—	12	—	90	—	4	7	Cu	5	dr	52	39
134	FORT SAÏD	1017.9	SW	3	19.0	58	2	8	1018.8	+1.3	NW	3	14.5	19	0	14	+3	86	+10	4	6	Cb	2	tr	36	27
135	EL 'ARÎSH	1017.1	—	0	17.4	68	4	6	1018.6	—	—	0	13.3	18	—	11	—	95	—	4	5	Cb	5	1	45	26
136	DAMANHÛR								1019.5	+1.0	NNE	1	13.2	21	0	10	+1	85	+1	4	6	Ns	2	dr	45	36
137	MANSÛRA								1019.4	—	NNE	1	13.7	20	-1	11	+2	80	-1	2	4	As	2	0	74	13
[illegible]	TANTA	1017.6	NW	1	18.8	62	4	5	1020.2	+1.3	—	0	10.0	23	+2	9	+1	80	-3	4	5	As	2	0	46	11
	ZAGÂZÎG	1018.3	NW	1	18.3	67	2	8	1019.4	—	NNW	1	12.9	19	-2	10	+3	95	+13	3	8	Sc	1	0	27	6
	CAIRO ALMÂZA	1018.6	NW	2	17.8	61	4	7	1019.8	—	ENE	1	12.1	19	—	7	—	89	—	4	7	Ac	2	0	32	—
	CAIRO EZBEKÎYA	1017.9	NNW	1	18.8	68	4	8	1019.0	0.0	NNE	1	12.0	20	0	10	+2	98	+17	4	5	Sc	2	0	14	9
	CAIRO GÎZA	1017.8	NNW	2	18.2	65	4	7	1019.1	-0.7	—	0	11.2	21	+1	9	+2	97	+13	8	4	Sc	4	0	54	8
143	HELWÂN	1017.9	WNW	2	17.0	54	6	4	1019.2	+0.6	NE	4	12.0	18	-1	10?	+1	89	+21	4	6	Ac	2	0	24	8
144	SUEZ	1017.2	NNE	3	17.3	—	3	8	1018.3	-0.7	NNW	2	13.0	18	-3	8	-3	90	+15	3	6	Sc	1	0	25	13
153	FAIYÛM	1019.1	WNW	3	18.4	53	3	8	1019.1	-0.3	NNW	2	11.2	20	-1	9	+2	87	+12	4	6	Ac	1	0	dr	5
154	MINYA	1017.6	N	3	18.9	44	1	6	1019.0	-0.8	NNW	2	10.1	19	-1	8	+1	84	+4	1	5	Ci	1	0	dr	—
155	ASYÛT	1017.1	NNW	4	19.4	37	0	8	1018.0	-2.4	WSW	3	9.4	20	0	5	-2	84	+12	2	6	Ns	1	0	0	4
156	QENA	1015.2	W	3	19.5	28	0	8	1016.3	-2.8	WNW	2	10.3	20	-3	7	-1	76	+11	0	7	—	0	0	0	—
157	LUXOR	1015.1	NE	2	22.8	26	0	8	1015.5	—	ESE	1	8.1	23	—	4	—	86	—	0	8	—	0	0	dr	—
158	ASWÂN	1014.4	N	3	21.4	33	1	8	1015.9	-3.1	N	3	13.0	22	-2	8	-2	66	+13	0	8	—	0	0	dr	
148	SÎWA	1020.0	NE	1	19.3	78	0	6	1021.6	+1.9	—	0	10.8	21	+1	4	-1	90	+20	4	6	Cb	2	0	dr	3
149	BAHARÎYA	1018.2	N	1	18.8	56	0	9	1019.8	—	N	1	10.1	19	—	4	—	86	—	4	9	—	2	0	0	—
151	KHÂRGA	1016.6	N	2	19.4	66	0	9	1018.0	-1.2	N	1	11.9	20	-4	6	-1	80	+15	0	9	—	0	0	0	dr
152	DÂKHLA	1018.0	NNE	1	18.8	47	0	8	1019.4	-0.9	WSW	1	9.0	19	-3	6	0	67	+10	0	8	—	0	0	0	—
145	TÔR	1014.0	NW	5	20.5	69	0	6	1015.1	-2.9	N	2	14.5	21	0	10	+1	73	+14	0	6	—	0	0	40	8
146	HURGHÂDA								1016.4	-1.5	WNW	4	15.0	22	-1	12	+1	81	+23	0	9	—	0	0	tr	dr
147	QUSEIR	1014.7	N	3	21.2	43	0	7	1015.1	-2.4	NW	3	19.2	22	-2	17	+2	39	-11	0	7	—	0	0	4	6
169	PORT SUDAN								1012.6	-2.8	NNW	3	24.2	29	+1	22	+1	88	+20	3	—	—	1	5	132	83
165	WÂDI HALFA								1017.1	-2.0	NNE	3	10.4	23	-1	9	+1	57	+5	0	8	—	0	—	—	—
166	KAREIMA								1013.1	-3.7	NE	2	19.3	—	—	17	+4	81	+43	0	8	—	0	0	dr	1
167	'ATBARA								1011.1	-3.8	NE	3	22.0	32	+1	17	+3	50	+12	0	—	—	0	0	1	1
168	KHARTÛM								1008.6	-5.6	—	—	21.3	34	+1	18	+2	57	+20	0	8	—	—	0	2	5
170	KASSALA								1009.0	-3.6	SE	1	21.1	36	+2	16	0	65	+4	1	7	Cc	0	0	dr	11
171	WAD MEDANI								1008.6	-4.7	NNE	2	22.2	34	0	18	+2	46	+6	0	—	—	0	0	16	13
173	DUEIM								1009.5	-4.0	W	3	23.0	34	0	20	+5	41	+8	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1007.9	-3.9	NNW	1	23.4	38	+2	16	0	89	-6	0	—	—	0	0	38	37
174	EL OBEID								1011.6	-4.1	NNW	5	19.0	32	+1	16	+5	46	+9	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	NW	1	14.5	31	0	11	+1	79	+44	0	—	—	0	0	32	8
176	MALAKÂL								1006.2	-5.3	NE	4	25.6	36	0	20	+3	62	+33	0	8	—	1	0	47	93
177	WÂU								1007.9	-3.3	N	2	23.0	37	+1	21	+4	44	-10	0	—	—	0	0	164	146
178	JÛBA								1009.1	-2.0	SW	4	24.3	37	+1	21	+1	75	+12	8	3	Sc	4	0	166	139
179 180	Geneina Gallabat								—	—	E	2	12.2	31	—	8	—	54	—	2	8	Cs	0	0	14	—

Upper Wind Observations on *24th* ارصاد الرياح العليا يوم ٢٤

Height metres above M.S.L.	Dikheila 08h 15m Dir. E. of N.	Kms per hour	W. Halfa 05h 00m Dir.	Kms per hour	Kareima 05h 00m Dir.	Kms per hour	Khartum 06h 00m Dir.	Kms per hour	Kassala 06h 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	Geneina — h — m Dir.	Kms per hour	Almaza 11h 00m Dir.	Kms per hour
200	90	19	20	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	260	8
500	50	20	30	40	40	39	10	40	—	—	—	—	30	43	—	—	—	—	20	12
1000	30	22	30	21	60	47	40	43	30	21	30	51	30	56	70	13	30	42	350	20
1500	0	14	50	13	60	26	50	24	250	13	60	34	40	32	110	19	70	35		
2000	ent. Sc		20	6	40	16	90	14	280	31	70	5	40	23	150	29	30	11		
3000			280	6	300	42			290	29			70	23			350	14		
4000			280	19					230	21										
5000									170	21										
6000																				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر

STATION	Mean of day Humidity on 23rd	Diff. from normal	Wet bulb temp on 23rd	Diff. from normal
Alexandria	67	+2	14.6	+2.7
Ezbekiya	64	-8	12.1	+1.0
Giza	73	-3	11.4	+0.3
Helwan	53	-7	9.5	-0.4

Giza Grass minimum on *24th* *6.6*°C

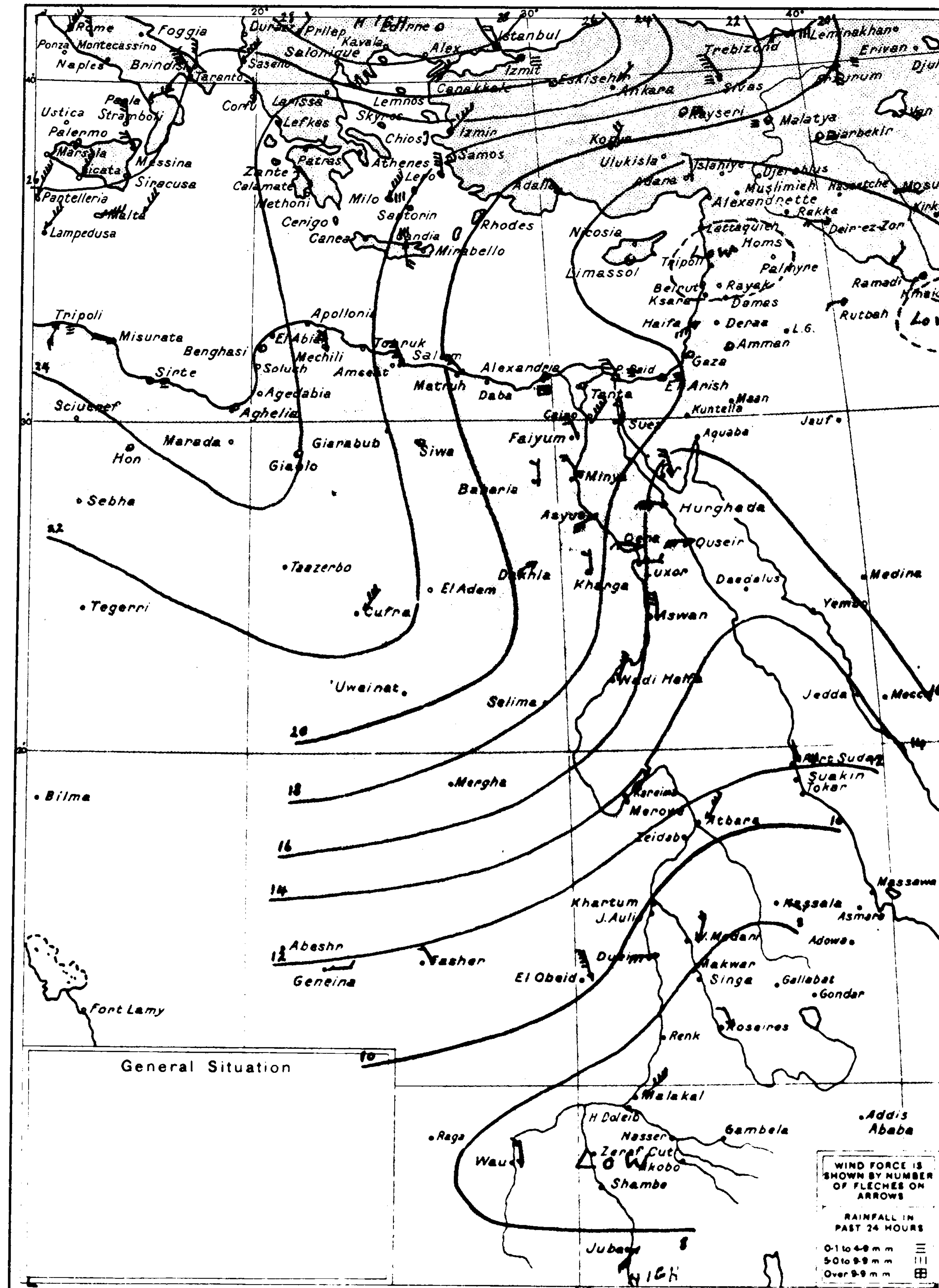
Discharges at Aswân measured by sluices m^3 per sec

DATE	1937	1936
24-12	1157	1101

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	24-12	13.68	+0.23	13.69	+0.24
Nâsser	24-12	7.64	-0.76	7.82	-0.71
Malakâl	24-12	11.91	-0.02	11.95	-0.01
Roseires	24-12	12.94	+0.29	12.96	+0.28
Sennâr Res.	24-12	20.71	—	20.72	—
Khartûm	24-12	11.37	-0.09	11.38	-0.10
Kh. el Girba					
'Atbara	24-12	10.80	-0.16	10.82	-0.14
Kajnarti	24-12	134.20	-0.25	134.25	-0.23
Wâdi Halfa					
Aswân Res	24-12	120.54	—	120.46	—
D.S.	24-12	86.31	+0.12	86.33	+0.14

[redacted]

Pressure and Wind at 8 h. *24-12-1937* ١٩٣٧-١٢-٢٤



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 8h. on *23rd* الساعة ٨ يوم ٢٣

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.	Normal fr. Oct. 1 to yesterday m.	محطة
Damanhur	1019.2	+0.7	WSW	1	10.5	20	-1	9	0	81	-3	2	5	Cu	1	0	45	35	دمنهور
Limassol	1016	-2	NW	2	19	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1017.1	+0.7	WNW	1	18.3	24	+5	15	+6	70	+3	6	—	—	—	0	252	250	حيفا
Gaza	1017.9	+1.1	W	1	12.7	22	+2	10	+1	65	-9	2	6	—	1	0	150	136	غزة

ANNUAL SUBSCRIPTION

[redacted]

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

CAIRO

Time of sunrise 06 h. 49 m.
sunset 17 h. 01 m.

Month December 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

No.		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 Saturday 25th (الساعة ٨ يوم ٢٥ السبت) 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	1021.0	N	5	13.4	71	4	7	1021.2	+3.3	NW	5	6.2	15	—	6	—	97	—	2	5	Cu	1	0	8	—
131		MATRÛH	1019.0	NW	4	15.4	80	4	6	1018.6	0.0	SW	2	9.6	16	-3	9	0	98	+22	1	6	Cu	1	0	.42	61
150		DIKHEILA	1019.1	N	2	15.2	71	4	6	1017.6	—	NNW	5	16.8	17	—	11	—	50	—	3	6	Sc	6	8	45	—
132		ALEXANDRIA	1018.0	NNE	1	16.0	69	4	8	1017.6	-1.3	N	3	13.9	17	-2	12	+1	76	+1	4	8	Cb	6	2	64	85
159		DAMIETTA								1016.4	—	SW	2	12.3	24	—	11	—	95	—	2	8	Cu	8	16	68	40
134		PORT SAÏD	1017.6	NW	3	16.8	74	3	8	1017.2	-0.3	NW	3	14.2	17	-2	13	+2	90	+13	1	8	Cc	6	1	37	28
135		EL 'ARÎSH	1016.4	—	0	16.7	65	4	6	1015.8	—	—	0	13.3	17	—	12	—	97	—	4	5	Cb	8	6	51	27
136	LOWER EGYPT	DAMANHÛR								1017.9	-0.6	WSW	1	11.3	18	-3	10	+1	96	+12	5	6	Ns	5	dr	45	37
137		MANSÛRA								1018.7	—	NW	1	12.5	17	-4	11	+2	88	+7	0	7	—	1	0	74	13
		TANTA	1018.6	—	0	17.0	70	4	5	1017.8	-1.1	—	0	11.0	18	-3	9	+1	97	+14	0	6	—	0	1	47	11
		ZAGÂZÎG	1017.5	NNE	2	16.8	69	3	8	1017.5	—	SW	1	12.4	17	-4	10	+3	98	+16	1	8	Cs	1	0	27	6
	MIDDLE EGYPT — CAIRO	ALMÂZA	1017.8	N	3	16.4	64	4	7	1018.2	—	SW	1	12.1	17	—	8	—	88	—	3	6	Cu	2	0	32	—
		EZBEKÎYA	1017.1	NE	2	16.8	75	4	8	1018.0	-1.0	SW	1	12.0	17	-3	11	+3	98	+17	1	5	Sc	1	0	14	9
		GÎZA	1017.1	NNE	2	16.8	74	4	6	1017.8	-2.0	N	1	11.2	17	-3	8	+1	99	+15	8	4	Sc	2	0	54	8
143		HELWÂN	1016.6	NNW	3	16.7	55	4	6	1018.3	-0.3	NW	2	11.2	17	-2	10	+2	95	+27	4	4	Sc	2	0	24	8
144		SUEZ	1016.2	N	3	17.2	67	3	8	1017.4	-1.5	NW	2	13.6	17	-4	11	+1	83	+8	3	6	Sc	1	0	25	13
153	UPPER EGYPT	FAIYÛM	1016.4	NW	1	17.8	63	4	6	1020.7	+1.3	NNW	1	11.5	18	-3	9	+2	88	+13	1	7	Cu	1	0	dr	5
154		MINYA	1015.6	NNW	3	17.6	59	3	6	1018.6	-1.2	NNW	2	11.0	18	-2	9	+2	87	+7	2	5	Cu	1	0	dr	—
155		ASYÛT	1015.0	NNW	4	14.6	42	4	8	1017.8	-2.6	WSW	3	10.8	21	+1	9	+2	89	+17	4	5	Sc	2	0	0	4
156		QENA	1013.6	W	1	20.5	43	0	8	1015.9	-3.3	WSW	5	12.5	22	-1	11	+3	77	+12	3	8	Ac	1	0	0	—
157		LUXOR	1013.3	E	1	23.0	45	0	8	1014.6	—	—	0	10.8	24	—	6	—	90	—	3	8	Sc	1	0	dr	—
158		ASWÂN	1012.4	NNE	2	22.3	42	0	8	1016.2	-2.8	N	1	12.3	24	0	9	-1	73	+20	1	8	Cu	2	0	dr	—
148	WESTERN DESERT	SÎWA	1019.2	W	1	16.4	82	3	6	1020.7	+1.0	WSW	1	8.1	17	-3	3	-2	81	+11	0	6	—	0	0	dr	3
149		BAHARÎYA	1017.8	N	1	17.0	61	4	9	1019.9	—	—	0	9.4	17	—	8	—	82	—	3	9	—	2	0	0	—
151		KHÂRGA	1015.9	N	1	19.2	63	0	9	1018.0	-1.2	N	1	13.6	20	-4	9	+2	82	+17	0	9	—	0	0	0	dr
152		DÂKHLA	1016.4	NNE	1	19.0	46	1	7	1019.1	-1.2	WNW	2	9.3	20	-2	8	+2	56	-1	4	6	Cc	2	0	0	—
145	RED SEA	TÔR	1012.4	NW	3	21.5	71	0	6	1013.8	-4.2	N	3	14.8	23	+2	10	+1	75	+16	0	6	—	0	0	40	8
146		HURGHÂDA								1014.3	-3.6	WNW	4	16.8	22	-1	13	+2	74	+16	3	7	Ac	1	0	tr	dr
147		QUSEIR	1013.4	NNE	3	21.7	51	0	7	1013.4	-4.1	WNW	2	19.8	23	-1	18	+3	36	-14	1	7	Ci	1	0	4	6
169		PORT SUDAN								1012.2	-3.3	N	3	25.0	27	-1	21	0	76	+8	2	—	—	0	0	132	84
165	NORTH SUDAN	WÂDI HALFA								1017.1	-2.1	N	3	11.2	23	-1	10	+2	62	+10	1	8	Cs	0	—	—	—
166		KAREIMA								1014.4	-2.4	NE	3	18.8	32	+2	13	+2	23	-15	0	8	—	0	0	dr	1
167		'ATBARA								1011.9	-3.0	NNW	3	22.0	31	0	17	+3	37	-1	0	—	—	0	0	1	1
168		KHARTÛM								1011.4	-2.8	N	3	21.2	34	+1	18	+2	49	+12	0	8	—	0	0	2	5
170		KASSALA								1008.3	-4.3	E	3	24.0	35	+1	17	+1	60	-1	0	8	—	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI								1009.9	-3.4	N	2	20.5	35	+1	15	-1	48	+8	0	—	—	0	0	16	13
173		DUEIM								1010.3	-3.2	W	3	23.4	34	0	20	+5	35	+2	1	—	—	0	0	14	12
182		RENK									—					—		—		—							
172		ROSEIRES								1008.4	-3.4	W	1	22.7	38	+2	17	+1	44	-1	0	—	—	0	0	38	37
174		EL OBEID								1011.9	-3.8	NW	4	19.1	31	0	16	+5	46	+9	0	8	—	0	0	8	19
175		EL FÂSHER								—	—	NE	2	13.0	31	0	9	-1	83	+48	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1008.0	-3.5	NE	4	25.0	36	0	17	0	28	-1	2	8	—	1	0	47	93
177		WÂU								1008.3	-2.9	NW	3	23.4	37	+1	20	+3	38	-15	0	—	—	0	0	164	146
178		JÛBA								1008.8	-2.3	SSW	4	24.8	37	+1	22	+2	61	-2	8	3	Cu Sc	4	0	166	139
179 / 180		Geneina / Gallabat								—	—	NNE (NW)	1	11.1	32	—	9	—	41	—	2	8	Ci	0	0	14	—

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

Height metres above M.S.L.	Salum 08.00 Dir.	Kms per hour	Matruh 07.00 Dir.	Kms	Dikheila 08.00 Dir.	Kms	Cairo 08.30 Dir.	Kms	Helwan 09.30 Dir.	Kms	Asyut 07.00 Dir.	Kms	Aswan 07.00 Dir.	Kms	W.Halfa 06.00 Dir.	Kms	Kareima 06.00 Dir.	Kms	Khartum 05.00 Dir.	Kms	Kassala 06.40 Dir.	Kms	El Obeid 06.00 Dir.	Kms	Malakal 05.00 Dir.	Kms	Juba 06.00 Dir.	Kms	Almaza 11.30 Dir.	Kms
200	320	30	300	22	340	27	310	14	310	10	—	—	—	—	10	11	—	—	—	—	—	—	—	—	—	—	—	—	60	15
500	320	43	300	31	340	23	320	19	320	16	350	42	20	23	30	26	30	40	340	53	—	—	—	—	10	37	—	—	20	24
1000	330	33	310	38	320	23	330	22	Ent. Cu		340	45	10	35	20	24	50	40	20	61	40	27	30	47	30	40	50	21	30	16
1500	330	39	290	31	Ent. Sc		320	22			350	27	320	22	350	21	40	31	20	24	0	11	50	29	30	27	120	34	50	21
2000	310	43					290	46			260	10	20	25	340	18	50	24	150	5	20	11	90	2	0	14	140	26	300	15
3000															280	19					40	11	250	21	70	8	150	35	270	24
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 25th

On the coast, fresh westerly winds, strong at times. Inland moderate winds between south west and northwest.
Much low cloud at intervals.
Further showers in northern Egypt.
Weather remaining cool.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٥

رياح غربية شديدة نوعا على السواحل ورياح معتدلة ما بين الجنوب الغربى والشمال الغربى فى الداخل - تكثر الغيوم المنخفضة فى فترة واخرى ويقطر ثانية على شمال مصر. ويستمر الطقس باردا

STATION	Mean of day: Humidity % on 24th	Diff. from Normal	Wet Bulb Temp. °C on 24th	Diff. from Normal
Alexandria	81	+16	12.2	+0.4
Ezbekiya	89	+17	13.2	+2.1
Giza	87	+11	12.6	+1.5
Helwan	79	+19	11.7	+1.9

Giza grass minimum on 25th 6.3 °C

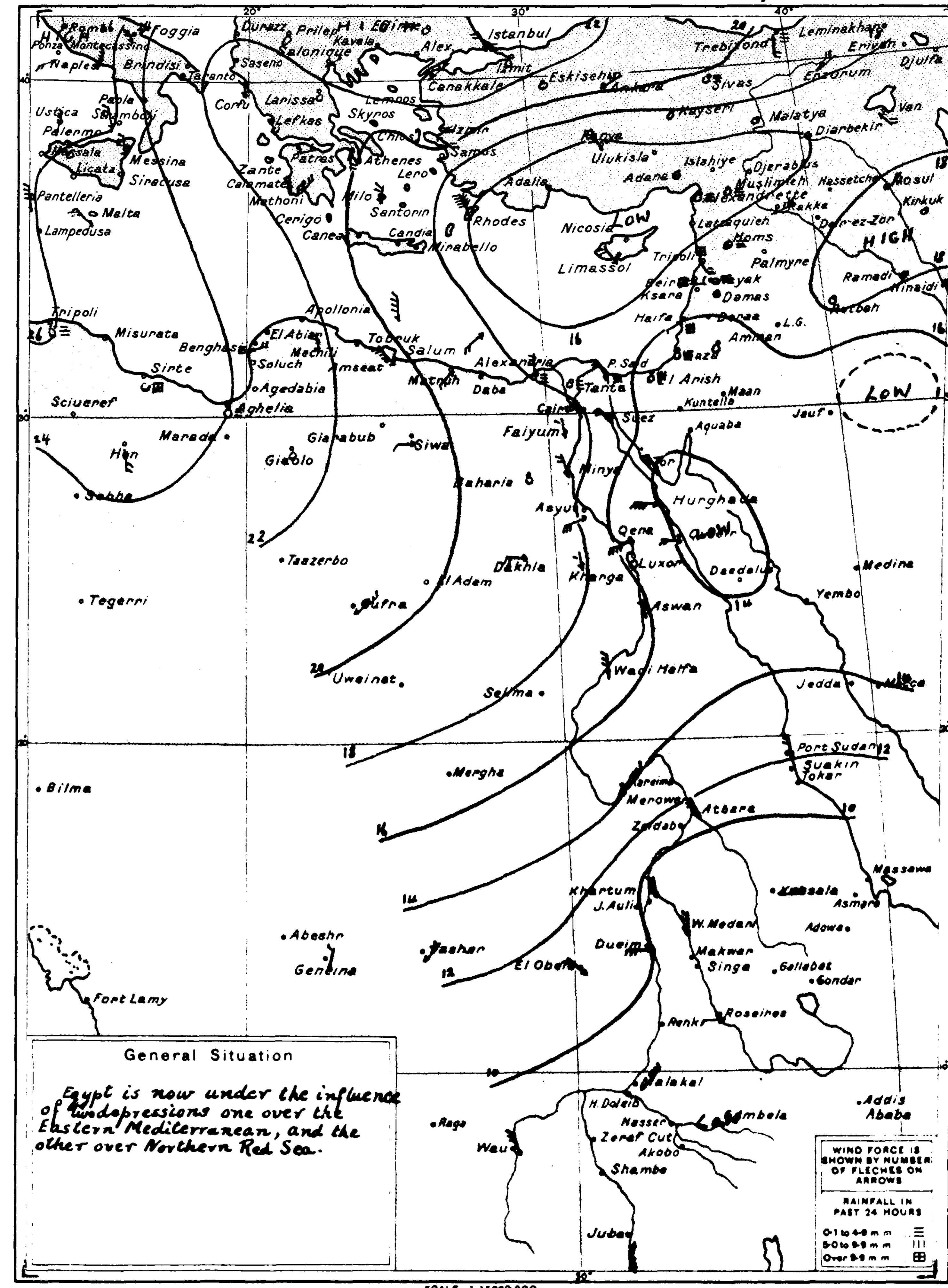
Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
25-12	1159	1100
24-12	1157	1101

GAUGE	Date 1937	Reading m	Diff. from Normal m	Previous day Reading m	Previous day Diff. from Normal m
Jûba	24-12	13.68	+0.23	13.69	+0.24
Nâsser	24-12	7.64	-0.76	7.62	-0.71
Malakâl	25-12	11.85	-0.06	11.91	-0.02
Roseires	25-12	12.90	+0.28	12.90	+0.29
Sennâr Res	24-12	20.71	—	20.72	—
Khartûm	24-12	11.37	-0.09	11.38	-0.10
Kh. el Girba	—	—	—	—	—
'Atbara	24-12	10.80	-0.15	10.82	-0.14
Kajnarti	25-12	134.19	-0.23	134.20	-0.23
Wâdi Halfa	—	—	—	—	—
Aswân Res	25-12	120.60	—	120.54	—
D.S.	25-12	86.31	+0.12	86.31	+0.12
El Leisi	25-12	18.50	-0.16	18.45	-0.13
Rôda (Cairo)	25-12	[illegible]	[illegible]	[illegible]	[illegible]

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

Pressure and Wind at 8 h. 25-12-37 — ٢٥-١٢-٣٧



General Situation

Egypt is now under the influence of two depressions one over the Eastern Mediterranean, and the other over Northern Red 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

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

STATION	At 8 h. on 24th (الساعة ٨ يوم ٢٤) 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	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	1017	-1	—	0	19	—	—	—	—	—	—	1	—	—	—	—	—	—	
Haifa	1018.2	+1.8	WSW	3	16.3	16	-1	15	+6	52	-15	1	—	—	—	3	355	257	
Gaza	1018.0	+1.2	—	0	12.7	19	-1	11	+2	73	+19	3	4	—	1	4	154	141	

Remarks

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

CAIRO
Time of sunrise h. 06 m. 50
sunset h. 17 m. 02

Month December 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٣٧/١٢/٢٦

1417 F.C.

At 14h. on 25th الساعة ١٤ يوم ٢٥ — At 8h. on Sunday 26th الساعة ٨ يوم الأحد ٢٦

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.
	MEDITERRANEAN																									
134	SALÛM	1020.2	N	5	14.3	66	3	6	1020.6	+2.6	WSW	5	4.8	15	—	4	—	89	—	0	5	—	1	dr	8	—
131	MATRÛH	1017.6	NNW	5	15.8	77	3	6	1018.8	+0.2	SSW	2	7.9	16	-3	7	-2	92	+16	1	6	Sc	1	1	43	62
150	DIKHEILA	1018.0	NNW	3	15.6	62	4	6	1019.5	—	SSW	2	11.5	17	—	10	—	85	—	5	5	Ns	2	3	48	—
132	ALEXANDRIA	1016.7	NNW	4	15.4	59	4	9	1019.1	+0.2	S	2	10.6	17	-2	10	-1	91	+16	5	8	Cb	6	12	76	87
159	DAMIETTA								1017.9	—	SW	2	11.2	23	—	9	—	88	—	5	8	Sc	6	8	76	40
134	PORT SAÏD	1015.6	NW	4	17.3	74	3	7	1018.2	+0.7	SW	3	13.6	18	-1	12	+1	80	+3	1	8	Cc	1	1	38	29
135	EL 'ARÎSH	1014.4	—	0	16.4	73	3	5	1018.2	—	—	0	11.8	17	—	10	—	96	—	4	5	Cb	8	20	71	27
	LOWER EGYPT																									
136	DAMANHÛR								1019.4	+0.7	WSW	1	7.9	18	-3	7	-1	89	+5	2	6	St	6	2	47	37
137	MANSÛRA								1019.1	—	NW	1	7.9	18	-3	7	-1	94	+13	0	7	—	1	0	74	14
	TANTA	1015.8	WSW	5	18.0	53	3	6	1017.9	-1.1	—	0	8.0	18	-3	6	-2	99	+16	0	6	—	1	0	47	12
	ZAGÂZÎG	1016.3	NNW	2	17.4	60	2	8	1019.1	—	SW	1	10.4	18	-3	5	-2	91	+9	1	8	Ci	1	0	27	6
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1016.8	NW	3	16.9	59	4	8	1019.8	—	SE	1	9.6	18	—	3	—	79	—	2	7	Ac	1	0	32	—
	CAIRO EZBEKÎYA	1015.8	N	2	18.4	58	3	8	1019.5	+0.5	—	0	9.0	19	-1	7	-1	100	+19	1	5	Ac	1	0	14	10
	CAIRO GÎZA	1015.9	NW	3	18.1	54	3	9	1019.5	-0.3	—	0	7.1	18	-2	4	-3	98	+14	8	4	Cu	1	0	54	8
	HELWÂN	1016.0	NW	4	16.8	47	3	8	1019.2	+0.6	—	0	8.9	17	-2	6	-2	84	+16	0	5	—	0	0	24	8
144	SUEZ	1015.9	NW	3	18.0	45	2	8	1019.1	+0.2	N	1	10.3	20	0	8	-2	94	+19	0	6	—	1	0	25	14
	UPPER EGYPT																									
153	FAIYÛM	1016.3	NNW	3	18.0	48	3	7	1019.2	-0.2	S	1	10.0	19	-2	5	-2	67	-9	0	7	—	0	0	dr	5
154	MINYA	1016.3	N	3	17.1	53	3	6	1019.1	-0.8	NNW	1	8.6	17	-3	6	-1	77	-3	4	5	Cu	2	0	dr	—
155	ASYÛT	1016.4	NNW	4	16.4	60	4	6	1019.0	-1.4	WSW	3	8.2	17	-3	6	-1	73	+1	1	6	Cu	1	0	0	4
156	QENA	1013.6	WNW	5	22.2	36	3	8	1017.0	-2.2	WSW	4	13.2	22	-1	11	+3	63	-2	4	8	Cu	2	0	0	—
157	LUXOR	1013.6	NNW	3	20.3	54	4	8	1016.6	—	ESE	2	11.4	23	—	10	—	79	—	4	7	Cb	2	0	dr	—
158	ASWÂN	1013.0	NNW	2	21.2	42	1	8	1017.0	-2.1	N	2	14.8	22	-2	12	+2	60	+7	1	8	Cu	2	0	dr	—
	WESTERN DESERT																									
148	SÎWA	1019.4	NNW	2	16.9	75	0	6	1020.2	+0.4	—	0	6.9	18	-2	3	-1	86	+16	3	6	Cu	1	0	dr	3
149	BAHARÎYA	1017.2	WNW	2	17.0	52	0	9	1020.4	—	—	0	8.0	17	—	2	—	72	—	0	9	—	0	0	0	—
151	KHÂRGA	1016.0	N	4	19.2	66	3	9	1017.6	-1.6	N	2	11.7	20	-4	10	+3	68	+3	4	9	Cs	0	0	0	dr
152	DÂKHLA	1017.5	NNW	2	17.0	54	4	6																		—
	RED SEA																									
145	TÔR	1012.7	NW	4	20.0	71	0	5	1015.6	-2.5	N	3	16.5	21	0	9	0	69	+10	0	6	Ac	0	0	40	8
146	HURGHÂDA								1016.6	-1.4	WNW	5	15.6	20	-3	14	+3	66	+8	4	6	Ac	2	0	tr	dr
147	QUṢEIR	1013.1	NNE	2	21.3	54	3	6	1015.8	-1.7	NNW	3	18.0	23	-1	19	+4	56	+6	4	6	As	2	0	4	7
169	PORT SUDAN								1012.8	-2.7	N	4	24.6	28	0	21	+1	77	+9	3	—	—	1	0	132	85
	NORTH SUDAN																									
165	WÂDI HALFA								1019.1	-0.1	N	3	10.6	22	-2	9	+1	63	+11	0	8	—	0	—	—	—
166	KAREIMA								1015.1	-1.7	NNW	3	15.7	32	+2	13	0	79	+4	0	8	—	0	0	dr	1
167	'ATBARA								1012.3	-2.6	N	4	21.0	31	0	17	+3	36	-2	0	—	—	0	0	1	1
168	KHARTÛM								1010.5	-3.7	N	4	20.3	33	0	17	+1	40	+3	0	8	—	0	0	2	5
170	KASSALA								1010.4	-2.2	SE	1	21.1	35	+1	16	0	65	+4	0	8	—	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI																									13
173	DUEIM																									12
	RENK																									
172	ROṢEIRES								1008.7	-3.1	NNW	1	23.2	38	+2	17	+1	41	-4	0	—	—	0	0	38	37
174	EL OBEID								1012.7	-3.1	NNW	5	17.3	30	0	15	+4	43	+6	0	8	—	0	0	6	19
175	EL FÂSHER								—	—	NNE	1	15.0	31	0	10	0	84	+4	0	—	—	0	0	32	8
	S. SUDAN																									
176	MALAKÂL								1009.0	-2.5	N	3	23.0	36	0	18	+1	44	+15	0	8	—	0	0	47	93
177	WÂU								1009.1	-2.1	N	2	23.0	37	+1	19	+2	38	-15	0	—	—	0	0	164	146
178	JÛBA								1011.2	+0.1	NE	2	24.0	36	-1	20	0	60	-2	8	3	Sc	4	dr	166	139
179	Geneina								—	—	E	2	12.7	32	—	10	—	25	—	0	8	—	0	0	14	—
180	Gallabat																									

Upper Wind Observations on 26th ارصاد الرياح العليا يوم ٢٦

Height metres above M.S.L.	Salum 07h 30m Dir E.of N	Kms per hour	Matruh 07h 00m Dir	Kms	Dikheila 08h 00m Dir	Kms	Cairo 08h 30m 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 06h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	El Obeid 06h 00m Dir	Kms	Juba 07h 00m Dir	Kms	Salum 25th 13h 00m Dir	Kms	Almaza 25th 11h 00m Dir	Kms
200	250	24	260	24	220	13	40	5	190	6	—	—	—	—	0	18	—	—	—	—	—	—	—	—	—	—	0	45	300	6
500	260	—	260	19	290	12	30	20	20	14	0	34	0	32	10	27	30	35	0	40	—	—	—	—	—	—	340	18	290	7
1000	290	30	270	31	310	10	30	17	30	14	350	33	20	36	350	24	20	21	40	37	30	27	30	42	200	16	340	34		
1500	280	34	280	48	310	13	350	22	20	16	330	23	300	10	310	13	340	34	40	13	0	11	60	25	120	35				
2000	290	20			280	31	280	14	300	18	290	19			280	13	230	14	200	18	270	23	190	14	120	42				
3000					250	22			280	38					310	18	210	14	230	35	220	34	250	24						
4000									280	44									260	35	210	27								
5000																														
6000																														

Forecast for 24 hours from noon on 26th

Moderate winds on the coast generally westerly, backing tomorrow to southeast in the west. Inland, westerly winds veering to northeast later. Clear or occasional low or medium cloud. Chance of slight rain on the coast. Weather improving but temperature remaining slightly below normal.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٦
رياح معتدلة بحرية غالباً غربية على الساحل ثم تتراجع غداً
الى الجنوب الشرقي في الغرب وتكون غربية في الداخل
ثم تتحول الى شمالية شرقية فيما بعد
السماء صحو او بها سحب منخفضة او متوسطة
وقد يسقط مطر خفيف على الساحل
والطقس آخذ في التحسن والحرارة دون المعدل قليلاً

Station	Mean of day Humidity % on 25th	Diff from normal	Wet bulb temp. °C on 25th	Diff from normal
Alexandria	83	+18	11.5	-0.3
Ezbekiya	82	+10	12.3	+1.3
Giza	84	+8	11.5	+0.4
Helwan	71	+11	10.6	+0.9

Giza Grass minimum on 26th 2.5

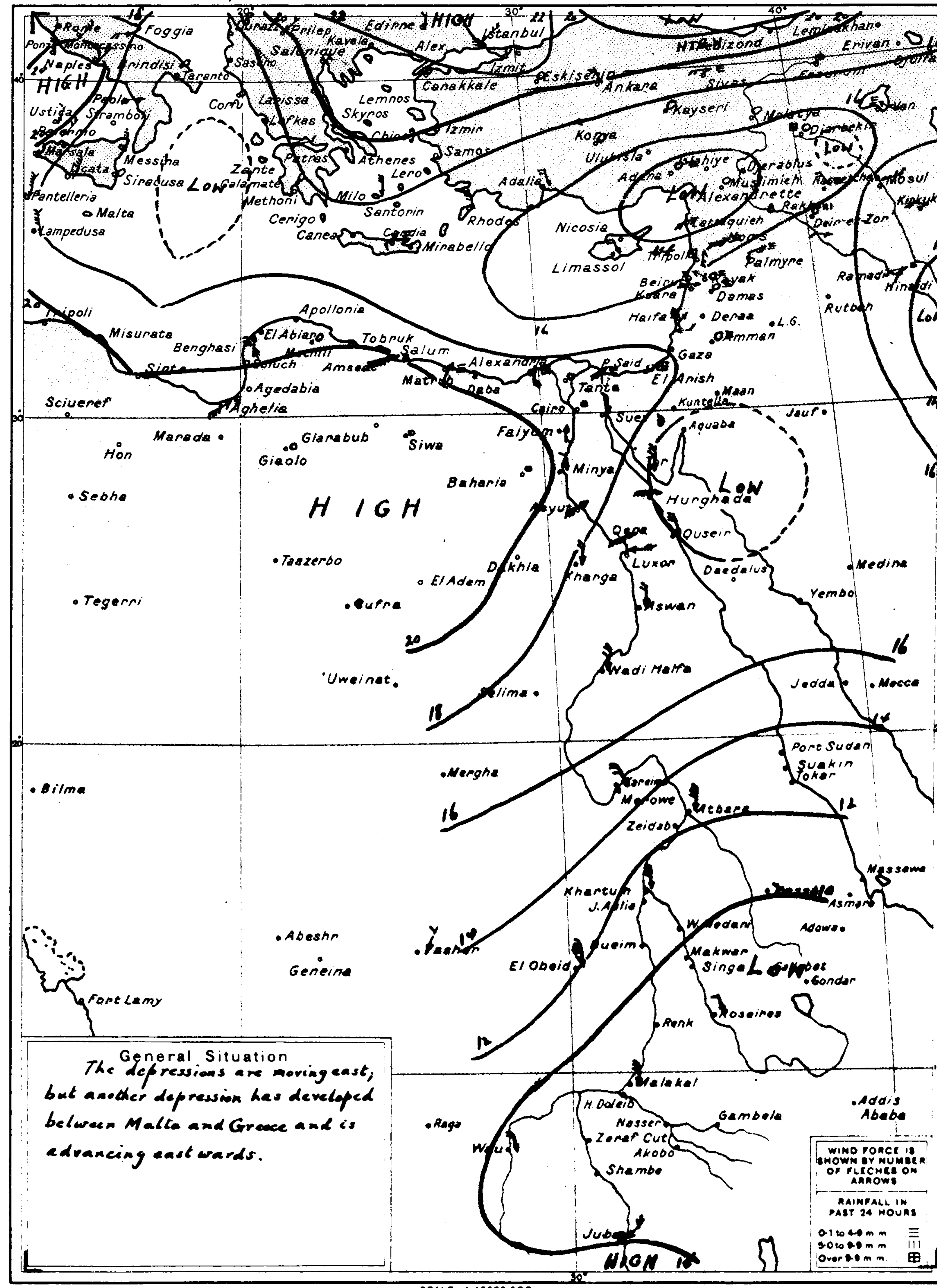
Discharges at Aswân measured by sluices m³ per sec

DATE	1937	1936
26-12	1157	1098
25-12	1159	1100

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	26-12	13.77	+0.33	13.68	+0.24
Nâsser	25-12	7.50	-0.80	7.64	-0.76
Malakâl	26-12	11.80	-0.10	11.85	-0.06
Roseires	26-12	12.86	+0.26	12.90	+0.28
Sennâr Res	25-12	20.70	—	20.71	—
Khartûm	24-12	11.37	-0.09	11.38	-0.10
Kh. el Girba	—	—	—	—	—
'Atbara	25-12	10.79	-0.15	10.80	-0.15
Kajnarti	25-12	134.19	-0.23	134.20	-0.25
Wâdi Halfa	—	—	—	—	—
Aswân Res	26-12	120.66	—	120.64	—
D S.	26-12	86.31	+0.12	86.31	+0.12
El Leisi	25-12	15.50	-0.06	15.45	-0.13
Rôda (Cairo)	26-12	[illegible]	[illegible]	[illegible]	-0.52

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

Pressure and Wind at 8h. 26-12-37



General Situation

The depressions are moving east; but another depression has developed between Malta and Greece and is advancing 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

At 8h on 25th الساعة ٨ يوم ٢٥

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. To day °C	Diff. from norm. °C	Humidity %	Diff from norm. %	Present weather	Visibility	Cloud form	Past weather	Rain Past 24 hours	Total fr. Oct 1 to yesterday	Normal fr. Oct 1 to yesterday	محطة
Limassol	1016	-2	NW	2	16	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1016.6	+0.2	WSW	1	14.9	18	-1	12	+3	72	+5	4	—	—	—	28	283	263	حيفا
Gaza	1015.9	-0.4	—	0	13.0	18	-2	10	+1	97	+23	4	3	—	2	0	154	145	غزة

Remarks

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

CAIRO
Time of sunrise 06h 50m
sunset 17h 02m

Month December 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٢٧-١٢-٣٧

1417 F.C.

No.	STATION	At 14h. on 26th (الساعة ١٤ يوم ٢٦) Barometric Pressure Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	At 8h. on Monday 27th (الساعة ٨ يوم الاثنين ٢٧) 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	1018.2	WNW	5	15.5	54	2	7	1019.1	+1.1	WSW	6	9.0	16	—	5	—	80	—	1	6	Cu	1	0	6	—
131	MATRÛH	1017.5	W	3	16.0	66	3	6	1018.4	-0.2	SSW	3	7.4	17	-2	7	-2	89	+12	0	6	—	1	0	43	63
150	DIKHEILA	1018.8	W	4	16.3	48	2	7	1019.6	—	SW	3	10.4	17	—	7	—	69	—	1	8	Sc	1	1	49	—
132	ALEXANDRIA	1017.8	WSW	5	15.9	53	3	9	1019.2	+0.2	SSW	4	11.8	17	-2	9	-2	54	-21	1	8	Cu	2	2	78	89
159	DAMIETTA								1018.8	—	S	1	9.0	22	—	7	—	43	—	0	7	—	0	0	76	41
134	PORT SAÏD	1018.0	NW	3	17.0	52	1	8	1019.6	+2.1	SW	2	14.2	18	-1	8	-3	67	-10	0	8	—	1	0	38	29
135	EL ʻARÎSH	1017.4	—	0	16.2	66	0	6	1018.8	—	—	0	13.1	17	—	8	—	71	—	2	6	Cu	1	4	75	28
	LOWER EGYPT																									
136	DAMANHÛR								1019.8	+1.3	S	2	7.0	19	-2	6	-2	72	-12	0	7	—	0	0	47	38
137	MANSÛRA								1019.2	—	SW	1	8.2	18	-3	6	-2	82	+1	0	8	—	0	0	74	14
	TANTA	1017.6	W	3	19.0	54	3	7	1020.0	+1.0	SW	1	7.4	20	-1	4	-4	88	+5	0	7	—	0	0	47	12
	ZAGÂZÎG	1017.9	SW	2	17.3	49	1	8	1020.0	—	SW	1	9.0	17	-4	4	-3	86	+4	1	6	Cs	1	0	27	7
	MIDDLE EGYPT																									
	CAIRO ALMÂZA	1018.6	N	2	16.6	49	2	8	1020.3	—	SSE	2	9.5	18	—	3	—	62	—	0	7	—	1	0	32	—
	CAIRO EZBEKÎYA	1017.6	WNW	2	17.0	56	2	9	1020.2	+1.2	—	0	8.8	19	-1	6	-2	91	+10	0	5	—	0	0	14	10
	CAIRO GÎZA	1017.8	NNW	1	17.4	51	2	8	1020.2	+0.4	—	0	6.8	18	-2	3	-4	94	+10	8	4	—	0	0	54	8
143	HELWÂN	1017.5	NW	3	16.0	41	1	7	1020.3	+1.7	—	0	8.9	16	-3	5	-3	71	+3	0	6	—	0	0	24	8
144	SUEZ	1017.4	NNE	3	16.2	52	1	8	1019.6	+0.7	NNW	2	9.4	17	-3	7	-3	79	+4	0	6	—	0	0	25	14
	UPPER EGYPT																									
153	FAIYÛM	1017.8	N	2	17.0	52	1	8	1020.4	+1.0	—	0	10.2	19	-2	5	-2	74	-2	0	4	—	0	0	dr	5
154	MINYA	1017.4	NNW	2	16.8	52	1	8	1020.4	+0.5	NNW	1	7.5	17	-3	4	-3	68	-12	0	5	—	0	0	dr	—
155	ASYÛT	1017.0	NNW	3	18.0	44	0	8	1020.6	+0.2	WSW	3	8.0	20	0	4	-3	72	0	0	6	—	0	0	0	4
156	QENA	1015.1	W	2	21.8	24	2	8	1018.3	-0.9	WNW	5	10.3	23	0	6	-2	69	+3	0	7	—	0	0	0	—
157	LUXOR	1015.0	N	2	22.1	36	2	8	1017.9	—	ESE	1	8.5	23	—	5	—	88	—	0	8	—	0	0	dr	—
158	ASWÂN	1013.8	N	3	22.0	42	1	8	1018.4	-0.7	—	0	11.0	23	-1	7	-3	68	+10	0	8	—	0	6	dr	—
	WESTERN DESERT																									
148	SÎWA	1018.7	WSW	2	17.5	77	1	6	1019.6	-0.2	—	0	7.1	18	-1	0	-4	61	-9	0	6	—	0	0	dr	3
149	BAHARÎYA	1018.0	N	2	16.1	51	0	9	1020.0	—	—	0	5.1	16	—	1	—	83	—	0	9	—	0	0	0	—
151	KHÂRGA	1014.8	N	2	19.4	62	0	9	1020.3	+1.0	N	1	9.2	19	-4	4	-3	81	+16	0	9	—	0	0	0	dr
152	DÂKHLA	1017.6	NNW	2	18.0	43	0	8	1021.8	+1.5	—	0	6.0	18	-4	3	-3	67	+11	0	8	—	0	0	0	—
	RED SEA																									
140	TÔR	1015.4	NW	3	19.5	65	0	6	1016.4	-1.7	N	2	10.1	20	-1	7	-2	86	+27	0	6	—	0	0	40	8
146	HURGHÂDA								1017.2	-0.8	WNW	5	14.3	20	-3	10	-1	73	+13	1	8	Cu	1	0	tr	dr
147	QUSEIR	1014.6	N	3	21.2	47	2	7	1016.5	-1.2	NW	2	18.8	23	-1	15	0	45	-5	0	7	—	0	0	4	7
169	PORT SUDAN								1013.4	-2.1	N	2	23.9	28	+1	22	+2	79	+11	3	—	—	1	0	132	86
	NORTH SUDAN																									
165	WÂDI HALFA								1019.5	+0.3	NNW	4	10.3	22	-2	9	+1	48	-4	0	8	—	0	—	—	—
166	KAREIMA								1016.7	-0.1	N	2	14.3	30	0	11	-2	37	-1	0	8	—	0	0	dr	1
167	ʻATBARA								1012.3	-2.6	N	3	21.0	31	0	17	+3	38	0	0	—	—	0	0	1	1
168	KHARTÛM								1012.3	-2.0	NW	4	18.8	32	0	15	-1	38	+1	0	8	—	0	0	2	5
170	KASSALA								1010.7	-2.0	ESE	1	21.1	35	+1	16	0	65	+4	0	8	—	0	0	dr	11
	CENTRAL SUDAN																									
171	WAD MEDANI								1011.8	-1.5	NNW	2	21.0	34	0	13	-3	34	-5	0	—	—	0	0	16	13
173	DUEIM								1012.4	-1.1	W	4	20.6	32	-2	17	+3	32	-1	0	—	—	0	0	14	12
	RENK																									
172	ROSEIRES								1009.8	-2.1	NNW	2	22.8	37	+1	17	+1	43	-2	0	—	—	0	0	38	37
174	EL OBEID								1013.3	-2.5	NNW	4	16.7	30	0	13	+2	43	+6	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	N	1	13.0	32	+1	10	0	89	+54	0	—	—	0	0	32	8
	S. SUDAN																									
176	MALAKÂL								1004.6	-1.4	NNE	3	23.0	35	-1	18	+1	44	+15	0	8	—	0	0	47	93
177	WÂU								1010.0	-1.2	N	3	22.0	36	0	19	+2	36	-16	1	—	—	0	0	164	146
178	JÛBA								1011.8	+0.7	—	0	24.7	36	-1	22	+2	54	-7	6	3	Sc	4	0	166	140
179	Geneina																									
180	Gallabat								—	—	N	3	12.3	33	—	10	—	43	—	0	8	—	0	0	14	—

Upper Wind Observations on 27th — ارصاد الرياح العليا يوم ٢٧

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

Height metres above M.S.L.	Salum 07h 45m Dir.	Kms	Matruh 07h 00m Dir.	Kms	Dikheila 07h 15m Dir.	Kms	Cairo 08h 30m Dir.	Kms	Helwan 08h 30m Dir.	Kms	Asyut 07h 00m Dir.	Kms	Aswan 07h 00m Dir.	Kms	W. Halfa 06h 00m Dir.	Kms	Kareima 06h 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 07h 00m Dir.	Kms	Salum 26th 13h 45m Dir.	Kms
200	250	37	250	48	250	36	280	5	350	3	—	—	—	—	350	13	—	—	—	—	—	—	—	—	—	—	—	—	270	25
500	230	59	250	31	250	32	310	13	320	12	350	36	10	31	20	37	30	37	0	32	—	—	—	—	10	45	—	—	270	24
1000	240	32	250	30	250	22	310	18	330	12	340	37	20	17	10	29	10	21	30	19	30	11	30	43	30	56	20	14	270	38
1500	240	42			0	14	310	17	240	18	320	20	300	19	200	19	340	2	60	14	50	13	60	27	30	31	70	40		
2000	240	39			280	4	300	3	270	5			270	26	280	29	320	14	50	8	240	14	20	5	30	23	80	45		
3000							260	7	280	13					240	40	270	26			240	19			90	10	100	42		
4000							Tail		310	18											250	47			170	18				
5000																					250	19								
6000																														

Forecast for 24 hours from noon on 27th

On the coast moderate to fresh Southwest to west winds.

Inland light to moderate winds chiefly southerly.

Clear or occasional high cloud.

Temperature about normal.

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم ٢٧

رياح مابين المعتدلة والشديدة نوعا جنوبية غربية الى غربية على الساحل

ورياح مابين الخفيفة والمعتدلة اغلبها جنوبية فى الداخل

السماء صافية او بها سحب عالية

ودرجة الحرارة حوالى المتوسط

STATION	Mean of day Humidity % on 26th	Diff from normal	Wet bulb temp. °C on 26th	Diff from normal
Alexandria	69	+4	10.5	-1.2
Ezbekiya	65	+14	10.5	-0.4
Giza	91	+15	9.1	-1.9
Helwân	61	+1	8.6	-1.0

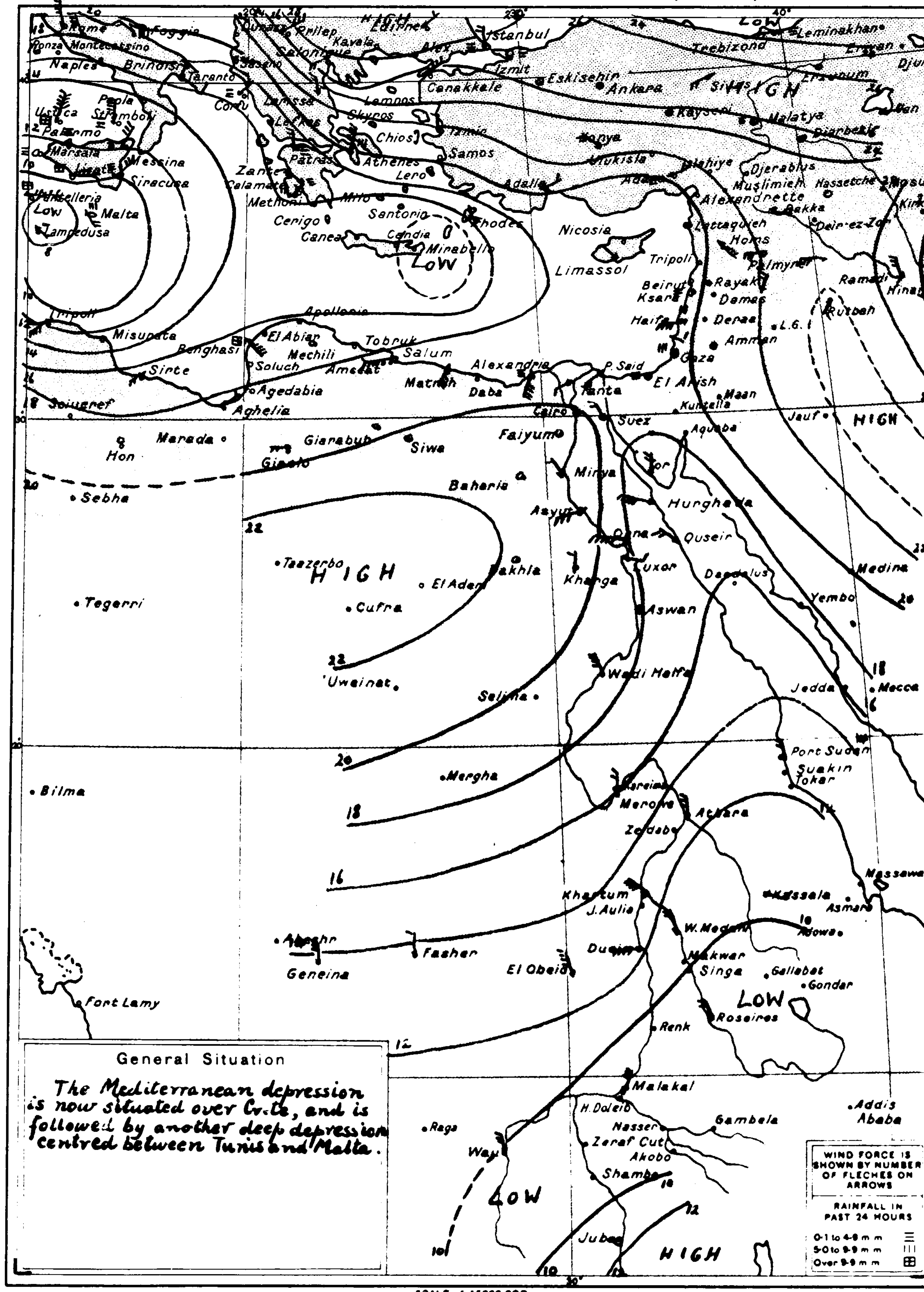
Gîza Grass minimum on 27th 1.1 °C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1937	1936
27-12	1217	1100
26-12	1157	1098

GAUGE	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	27-12	13.66	+0.23	13.77	+0.33
Nâsser	26-12	7.34	-0.88	7.50	-0.80
Malakâl	27-12	11.76	-0.13	11.80	-0.10
Roseires	27-12	12.63	+0.25	12.86	+0.26
Sennâr Res.	26-12	20.70	—	20.70	—
Khartûm	26-12	11.34	-0.07	11.36	-0.07
Kh. el Girba	—		—		—
ʻAtbara	26-12	10.77	-0.16	10.79	-0.15
Kajnarti	26-12	134.18	-0.22	134.19	-0.22
Wâdi Halfa	—		—		—
Aswân Res.	27-12	120.71	—	120.66	—
D. S.	27-12	86.34	+0.26	86.31	+0.12
El Leisi	27-12	18.47	-0.05	18.49	-0.05
Rôda (Cairo)	27-12	14.63	-0.44	14.63	-0.42

Pressure and Wind at 8h. 27-12-37



General Situation

The Mediterranean depression is now situated over Crete, and is followed by another deep depression centred between Tunis and Malta.

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	At 8h on 26th (الساعة ٨ يوم ٢٦) 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	1016.	-2	NW	2	16	—	—	—	—	—	—	1	—	—	—	—	—	—	ليماسول
Haifa	1017.1	+0.7	SSW	1	14.2	16	-3	11	+2	73	+5	4	—	—	—	20	303	270	حيفا
Gaza	1017.4	+0.6	—	0	12.9	19	0	14	+1	86	+12	4	4	—	4	13	167	147	غزة
Dakhla	1019.6	-0.7	WNW	2	9.1	17	-5	6	0	60	+4	0	7	—	0	6	6	—	الداخلة

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 50 m
sunset 17 h 03 m

Month December 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

الثلاثاء ٢٨-١٢

1417 F.C.

At 14h. on 27th (الساعة ١٤ يوم ٢٧) — At 8h. on Tuesday 28th (الساعة ٨ يوم الثلاثاء ٢٨)

No.	Region	Station	14h 27th Bar. Press. Reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present Weather	Visibility	8h 28th Bar. Press. 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 mm	Total fr. Oct. 1 to yesterday mm	Normal fr. Oct. 1 to yesterday mm
130	Mediterranean	SALÛM	1018.0	SW	7	15.9	58	1	8	1020.7	+2.6	SSW	6	10.0	16	—	8	—	63	—	1	5	Sc	1	0	8	—
131	Mediterranean	MATRÛH	1017.9	SSW	2	17.5	66	0	6	1020.8	+2.2	SSW	2	8.2	18	-1	7	-2	83	+6	1	6	St	1	0	43	64
150	Mediterranean	DIKHEILA	1019.4	W	1	17.2	39	1	8	1022.4	—	SSW	1	10.9	17	—	7	—	55	—	0	7	—	1	0	49	—
132	Mediterranean	ALEXANDRIA	1018.3	W	2	17.9	49	1	9	1021.8	+2.8	—	0	11.9	18	-1	9	-2	58	-17	2	8	Ac	2	0	78	91
159	Mediterranean	DAMIETTA								1022.0	—	SW	1	8.8	19	—	6	—	81	—	0	8	—	0	0	76	41
134	Mediterranean	PORT SAÏD	1018.8	NW	3	17.0	44	0	8	1022.0	+4.6	NW	2	13.2	18	-1	9	-2	81	+4	0	8	—	1	0	38	30
135	Mediterranean	EL ʿARÎSH	1017.9	—	0	17.0	63	0	6	1021.9	—	SSE	1	9.8	17	—	6	—	74	—	0	6	—	0	1	75	28
136	Lower Egypt	DAMANHÛR								1021.2	+2.7	S	1	8.7	19	-2	6	-2	48	-36	1	6	Ci	0	0	47	37
137	Lower Egypt	MANSÛRA								1021.9	—	SW	1	6.8	18	-3	4	-4	76	-5	0	7	—	1	0	74	14
[illegible]	Lower Egypt	TANTA	1018.8	SW	2	19.0	47	0	8	1023.1	+4.1	—	0	8.1	20	-1	2	-6	74	-4	0	8	—	0	0	47	12
[illegible]	Lower Egypt	ZAGÂZÎG	1019.1	WSW	2	16.9	46	0	8	1023.0	—	SSW	1	8.1	18	-3	4	-3	88	+5	0	6	—	1	0	27	7
[illegible]	Middle Egypt (Cairo)	ALMÂZA	1017.9	W	1	17.3	33	0	8	1022.2	—	ESE	2	10.0	19	—	2	—	54	—	0	6	—	0	0	32	—
	Middle Egypt (Cairo)	EZBEKÎYA	1018.6	NNW	2	17.4	42	0	9	1022.4	+3.4	—	0	6.8	20	0	5	-2	96	+15	8	4	—	4	0	14	10
	Middle Egypt (Cairo)	GÎZA	1018.8	W	1	19.1	42	0	9	1022.7	+2.8	—	0	4.4	20	0	1	-6	89	+5	8	4	St	1	0	54	8
143	Middle Egypt	HELWÂN	1018.7	WNW	4	15.5	35	0	8	1022.0	+3.4	NE	3	8.9	17	-2	5	-3	55	-13	0	6	—	0	0	24	8
144	Middle Egypt	SUEZ	1018.3	NNW	2	17.0	36	0	8	1022.0	+3.1	NNW	2	9.0	17	-3	5	-5	66	-9	0	6	—	0	0	25	14
153	Upper Egypt	FAIYÛM	1019.1	E	2	18.9	39	0	8	1022.8	+2.6	—	0	7.2	20	-1	2	-5	69	-7	0	4	—	0	0	dr	6
154	Upper Egypt	MINYA	1018.8	SW	2	16.8	38	0	7	1022.3	+2.4	NNW	1	7.5	17	-3	3	-4	68	-12	0	5	—	0	0	dr	—
155	Upper Egypt	ASYÛT	1018.4	NNW	4	17.2	36	0	8	1022.3	+1.9	W	3	6.8	18	-2	4	-3	68	-4	0	6	—	0	0	0	4
156	Upper Egypt	QENA	1016.0	WSW	2	21.0	35	0	8	1020.7	+1.5	WNW	2	8.3	23	0	6	-2	70	+4	1	7	Cu	1	0	0	—
157	Upper Egypt	LUXOR	1016.3	NNE	2	21.2	37	0	8	1020.6	—	ESE	1	7.2	22	—	3	—	74	—	2	7	Cu	1	0	dr	—
158	Upper Egypt	ASWÂN	1014.3	N	2	21.0	35	0	8	1020.4	+1.3	—	0	10.0	21	-3	6	-4	67	+14	0	8	—	0	0	dr	—
148	Western Desert	SÎWA	1018.4	WSW	1	17.8	78	0	6	1020.7	+0.9	—	0	8.4	18	-1	1	-3	57	-13	0	6	—	0	0	dr	3
149	Western Desert	BAHARÎYA	1017.4	—	0	17.4	32	0	9	1022.7		SSW	1	6.1	17	—	0	—	55	—	0	9	—	0	0	0	—
151	Western Desert	KHÂRGA	1017.9	N	2	18.0	62	0	9	1021.5	+2.2	N	2	7.2	19	-4	3	-4	70	+5	0	9	—	0	0	0	dr
152	Western Desert	DÂKHLA	1018.7	NNE	1	17.0	44	0	8	1022.2	+1.9	—	0	4.3	18	-4	1	-5	62	+6	0	7	—	0	0	0	—
145	Red Sea	TÔR	1015.4	NW	5	19.0	50	0	6	1019.2	+1.1	N	3	11.5	20	-1	7	-2	58	-1	0	6	—	0	0	40	9
146	Red Sea	HURGHÂDA								1020.8	+2.8	WNW	5	14.5	21	-2	10	-1	61	+3	1	9	Cu	1	0	tr	dr
147	Red Sea	QUSEIR	1015.4	N	2	21.2	44	0	7	1019.0	+1.4	WNW	2	16.9	22	-2	13	-2	39	-11	0	7	—	1	0	4	7
169	Red Sea	PORT SUDAN								1014.7	-0.8	NNE	5	22.9	28	+1	22	+2	72	+5	3	—	—	1	dr	132	87
165	North Sudan	WÂDI HALFA								1020.5	+1.3	N	3	9.4	21	-3	7	-1	55	+3	1	8	Ci	0	—	—	—
166	North Sudan	KAREIMA								1018.3	+1.5	NE	2	14.8	29	-1	12	-1	35	-3	0	8	—	0	0	dr	1
167	North Sudan	ʿATBARA								1015.6	+0.7	NW	4	19.8	30	-1	17	+3	27	-11	0	—	—	0	0	1	1
168	North Sudan	KHARTÛM								1013.2	+0.9	N	5	18.4	32	0	14	-2	44	+7	0	8	—	0	0	2	5
170	North Sudan	KASSALA								1011.5	-1.2	NE	3	22.8	34	0	14	-2	63	-8	0	8	—	0	0	dr	11
171	Central Sudan	WAD MEDANI								1013.5	+0.2	N	2	20.0	34	0	11	-5	31	-8	0	—	—	0	0	16	13
173	Central Sudan	DUEIM								1013.5	0.0	NW	4	19.6	31	-3	16	+2	30	-3	0	—	—	0	0	14	12
	Central Sudan	RENK																									
172	Central Sudan	ROSEIRES								1010.6	-1.3	NNW	1	22.5	37	+1	17	+1	41	-4	0	—	—	0	0	38	37
174	Central Sudan	EL OBEID								1015.3	-0.5	N	5	15.2	36	0	11	0	39	+2	0	8	—	0	0	8	19
175	Central Sudan	EL FÂSHER								—	—	NNE	2	12.5	31	0	10	0	84	+54	0	—	—	0	0	32	8
176	S. Sudan	MALAKÂL								1010.6	-0.9	N	3	22.9	34	-2	20	+3	25	-4	2	8	Ac	1	0	47	43
177	S. Sudan	WÂU								1010.8	-0.4	N	2	21.7	36	0	18	+1	34	-18	0	—	—	0	0	164	146
178	S. Sudan	JÛBA								1012.8	+1.7	—	0	23.0	36	-1	21	+1	66	+5	4	6	Cu.Sc	2	0	166	140
179		Geneina																									
180		Gallabat																									

Upper Wind Observations on 28th
ارصاد الرياح العليا يوم ٢٨

Height	Salum 07h 45m Dir E. of N	Kms per hour	Matruh 07h 00m Dir	Kms	Dikheila 08h 00m Dir	Kms	Cairo 08h 30m Dir	Kms	Helwan 08h 30m Dir	Kms	Asyut 07h 00m Dir	Kms	Aswan 07h 00m Dir	Kms	W.Halfa 06h 00m Dir	Kms	Karima 05h 00m Dir	Kms	Khartum 05h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	El Obeid 06h 00m Dir	Kms	Malakal 04h 00m Dir	Kms	Juba 07h 00m Dir	Kms	Salum 27th 13h 00m Dir	Kms
	200	32	190	17	220	15	80	14	30	10	—	—	—	—	20	13	—	—	—	—	—	—	—	—	—	—	—	—	230	50
	—	—	200	11	220	17	60	15	70	15	10	37	20	33	20	40	40	42	10	45	—	—	—	—	10	39	—	—	240	30
	240	32	210	14	80	4	30	5	20	6	350	24	30	21	10	31	10	34	20	43	30	19	30	61	30	47	90	37	250	18
	230	27	310	13	120	24	120	4	80	12	30	12	330	9	10	11	350	31	20	34	30	27	50	40	20	35	110	48	240	31
					190	4	150	12	120	7			250	15	300	31	270	16	60	27	20	31	50	32	40	34	90	37	Tail.	
							210	8	210	7			280	39	300	34											90	26		
							240	17	230	14																				
5000																														
6000																														

Forecast for 24 hours from noon on 28th

On the coast moderate southerly winds, freshening.
Inland light northeast winds, becoming moderate southerly.
Mainly clear.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٨
رياح معتدلة جنوبية على الساحل تشتد فيما بعد.
ورياح خفيفة شمالية شرقية تتحول الى الجنوبية وتعتدل.
السماء صحو في الغالب - درجة الحرارة كما هي

Station	Mean of day Humidity on 27th	Diff. from normal	Wet bulb temp. on 27th	Diff. from normal
Alexandria	53	-12	10.2	-1.5
Ezbekiya	74	+3	9.1	-1.8
Giza	87	+11	8.5	-2.4
Helwan	51	-9	7.5	-2.0

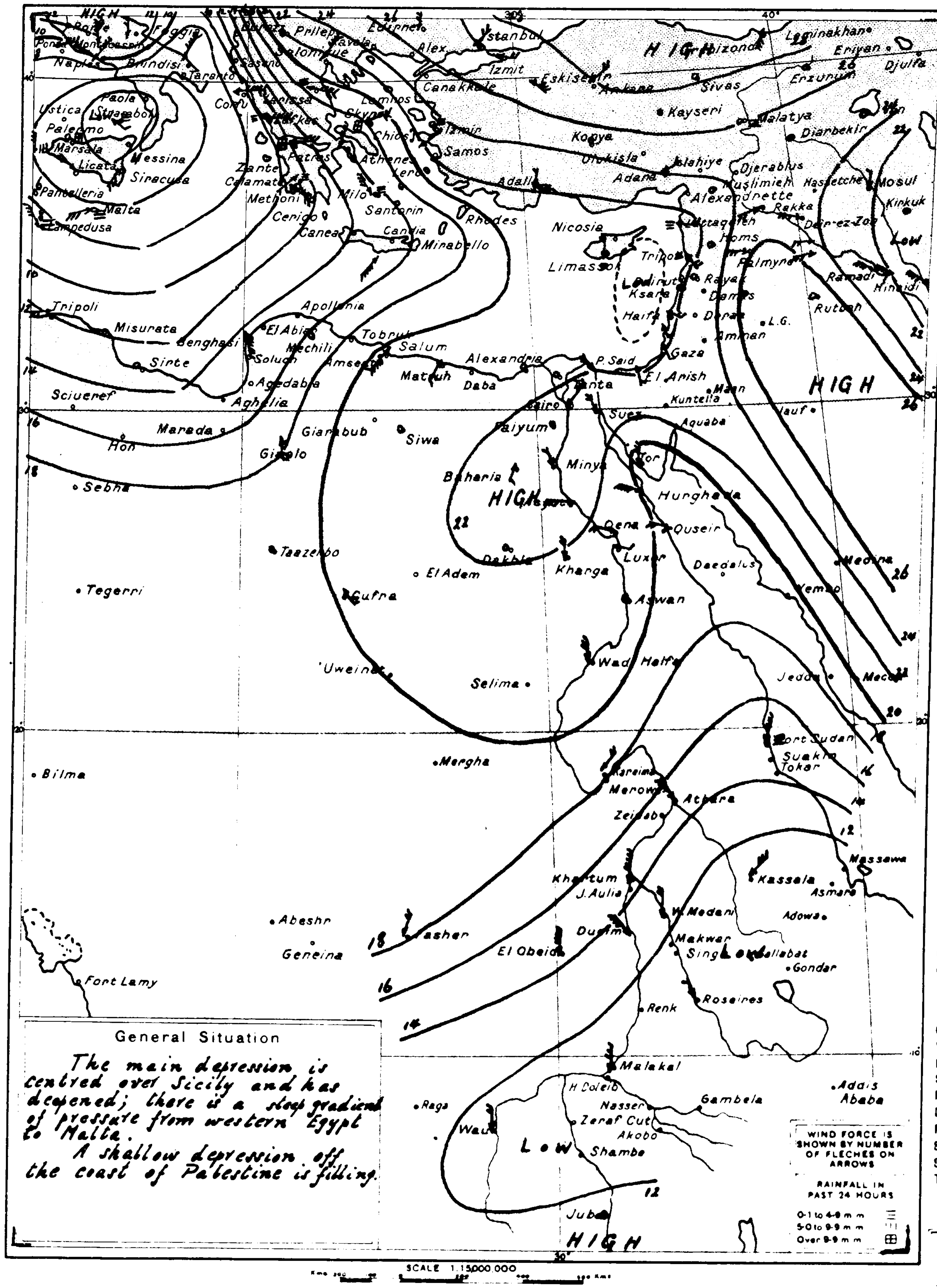
Giza Grass minimum on 28th [illegible] °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1937	1936
28-12	1214	1098
27-12	1217	1100

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	27-12	13.66	+0.23	13.77	+0.33
Nâsser	27-12	7.30	-0.91	7.34	-0.88
Malakâl	28-12	11.71	-0.15	11.76	-0.12
Roseires	28-12	12.81	+0.25	12.83	+0.25
Sennâr Res.	27-12	20.68	—	20.70	—
Khartûm	27-12	11.34	-0.04	11.34	-0.07
Kh. el Girba	—	—	—	—	—
Atbara	27-12	10.76	-0.16	10.77	-0.16
Kajnarti	27-12	134.16	-0.21	134.18	-0.22
Wâdi Halfa	—	—	—	—	—
Aswân Res.	28-12	120.74	—	120.71	—
D S	28-12	86.39	+0.20	86.39	+0.20
El Leisi	28-12	18.46	-0.06	18.47	-0.05
Rôda (Cairo)	28-12	16.63	-0.35	16.62	-0.44

Pressure and Wind at 8 h. 28-12-37



General Situation

The main depression is centred over Sicily and has deepened; there is a steep gradient of pressure from western Egypt to Malta.
A shallow depression off the coast of Palestine is filling.

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 27th (الساعة ٨ يوم ٢٧)

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	Total fr. Oct. 1 to yesterday	Normal fr. Oct. 1 to yesterday	
Limassol	1019	+1	NW	1	19	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa	1019.5	+3.1	WSW	4	11.9	17	-2	12	+3	72	+4	7	—	—	—	9	312	276	حيفا
Gaza	1019.1	+2.3	SE	1	8.0	17	-2	6	-3	89	+15	2	5	—	1	6	173	154	غزة

Ship 33345 - 20706 - 19501 - 16961 - 31004 - 73506 - 57806 سفينة

Remarks

The difference from Normal of Roda River Gauge Reading for 26-12-37 published on 26-12-37 should read -0.49 instead of -0.40.

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 31 m
sunset 17 h 05 m

Month **December** 1937 ١٩٣٧ ديسمبر شهر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٣٧-١٢-٢٩

1417 F.C.

At 14h. on 28th — الساعة ١٤ يوم ٢٨ | At 8h. on Wednesday 29th — الساعة ٨ يوم الاربعاء ٢٩

No.		Station	14h 28th: Bar. Pressure reduced to M.S.L. m.b.	Wind Dir.	Wind Force	Temperature °C	Humidity %	Present weather	Visibility	8h 29th: 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.
	MEDITERRANEAN	SALÛM	1019.4	SSW	5	17.4	47	0	8	1016.8	-1.3	SSE	6	11.8	18	—	9	—	58	—	3	5	Ci	2	0	8	—
		MATRÛH	1019.5	SSE	1	18.9	63	0	6	1018.7	+0.1	SSE	2	8.8	20	+2	7	-2	86	+8	4	6	Sc	2	0	43	65
		DIKHEILA	1021.1	—	0	10.9	37	0	7	1020.4	—	—	0	12.2	19	—	7	—	50	—	0	7	—	0	0	49	—
		ALEXANDRIA	1020.3	—	0	19.1	43	0	9	1019.8	+0.8	—	0	13.8	20	+1	11	+1	62	-13	1	6	Cu	0	0	78	93
159		DAMIETTA								1019.1	—	WNW	1	11.0	20	—	8	—	97	—	0	8	—	0	0	76	42
134		PORT SAÏD	1021.0	NW	2	17.5	58	1	8	1019.5	+2.1	SW	3	13.0	19	0	11	0	98	+21	0	5	—	1	0	38	30
135		EL 'ARÎSH	1020.7	NE	1	18.0	61	2	6	1019.5	—	—	0	11.5	19	—	6	—	78	—	0	6	—	0	0	75	29
136	LOWER EGYPT	DAMANHÛR								1020.2	+1.7	WNW	1	8.2	20	-1	6	-2	74	-10	0	6	—	0	0	47	40
137		MANSÛRA								1019.5	—	NE	1	9.0	20	-1	6	-2	74	-8	0	5	—	0	0	74	14
		TANTA	1020.6	—	0	19.0	49	0	8	1019.8	+0.7	—	0	7.8	20	0	5	-3	99	+16	0	8	—	0	0	47	12
		ZAGÂZÎG	1020.2	ENE	1	17.9	55	0	8	1020.2	—	WSW	1	8.1	19	-2	5	-2	91	+8	0	5	—	0	0	27	7
	MIDDLE EGYPT — CAIRO	ALMÂZA	1020.0	ENE	2	17.0	43	1	8	1020.4	—	E	1	7.9	20	—	2	—	82	—	1	6	Cs	1	0	32	—
	CAIRO	EZBEKÎYA	1019.5	NE	2	18.7	48	0	9	1020.4	+1.4	—	0	6.8	20	+1	6	-1	100	+19	8	4	—	4	0	14	10
	CAIRO	GÎZA	1019.1	NNE	1	19.2	44	0	9/8	1020.4	+0.5	—	0	5.7	20	0	4	-2	98	+14	0	4	—	4	0	54	9
143		HELWÂN	1018.8	ENE	3	18.2	34	0	8	1019.9	+1.3	—	0	8.6	19	+1	6	-2	66	-2	0	5	—	0	0	24	9
144		SUEZ	1017.6	NW	2	18.4	44	0	8	1018.3	-0.5	NW	1	7.0	19	-1	6	-4	88	+13	0	7	—	1	0	25	14
153	UPPER EGYPT	FAIYÛM	1019.4	N	2	18.0	38	0	8	1020.4	+0.9	ESE	1	6.8	20	-1	2	-5	64	-12	0	5	—	0	0	dr	6
154		MINYA	1019.1	NNW	3	17.2	35	0	6	1020.0	0.0	NNE	1	7.1	18	-2	3	-4	68	-12	0	5	—	0	0	dr	—
155		ASYÛT	1019.0	NNW	4	18.2	29	0	8	1021.0	+0.6	SE	2	7.5	21	+1	3	-4	79	+7	0	6	—	0	0	0	4
156		QENA	1018.0	WSW	2	19.7	38	1	8	1019.8	+0.6	NW	2	8.2	21	-2	5	-3	69	+3	0	7	—	0	0	0	—
157		LUXOR	1017.9	SSE	1	21.9	41	1	8	1019.4	—	NE	2	6.3	22	—	2	—	78	—	0	8	—	0	0	dr	—
158		ASWÂN	1016.7	NW	3	21.0	43	1	8	1018.2	-0.9	—	0	10.0	21	-3	6	-4	56	+3	1	8	Ci	2	0	dr	—
148	WESTERN DESERT	SÎWA	1018.8	S	1	18.6	73	0	6	1017.2	-2.6	—	0	7.9	19	0	4	0	87	+17	0	6	—	0	0	dr	3
149		BAHARÎYA	1019.4	—	0	19.5	35	0	9	1020.2	—	S	1	5.1	20	—	0	—	81	—	0	9	—	0	0	0	—
151		KHÂRGA	1019.0	N	2	18.2	63	0	9	1019.9	+0.6	N	1	8.0	19	-4	2	-5	72	+8	0	9	—	0	0	0	dr
152		DÂKHLA	1019.2	ENE	1	19.0	42	0	8	1020.2	-0.1	—	0	6.3	22	0	1	-4	52	-4	0	7	—	0	0	0	—
145	RED SEA	TÔR	1017.2	NW	3	20.2	57	0	6	1018.2	0.0	N	3	11.5	21	0	8	-1	56	-3	0	6	—	0	0	40	9
146		HURGHÂDA								1018.7	+0.6	WNW	4	14.8	21	-2	9	-2	65	+7	0	9	—	1	0	tr	dr
147		QUSEIR	1017.2	N	3	21.7	44	0	7	1017.1	-0.5	WNW	2	18.8	22	-1	13	-2	33	-17	0	7	—	0	0	4	7
169		PORT SUDAN								1015.2	-0.3	N	4	23.1	27	0	21	+1	59	-8	4	—	—	1	0	132	88
165	NORTH SUDAN	WÂDI HALFA								1019.9	+0.7	N	2	8.0	21	-3	4	-4	58	+6	0	8	—	0	—	—	—
166		KAREIMA								[illegible]	+0.5	NE	1	13.8	27	-3	11	-2	78	+40	0	8	—	0	0	dr	1
167		'ATBARA								1015.8	+0.9	N	3	17.3	30	-1	13	-1	36	-2	0	—	—	0	0	1	1
168		KHARTÛM								1015.4	+1.1	N	4	17.1	31	-1	14	-2	34	-2	0	7	—	0	0	2	5
170		KASSALA								1011.1	-1.6	ENE	2	21.9	33	-1	15	-1	74	+13	0	8	—	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI								1013.9	+0.6	NNE	2	19.0	32	-2	12	-4	23	-16	0	—	—	0	0	16	13
173		DUEIM								1014.3	+0.8	NW	3	18.6	32	-2	14	0	31	-2	0	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1011.0	-0.9	WSW	2	22.7	35	-1	16	0	38	-7	0	—	—	0	0	38	37
174		EL OBEID								1015.1	-0.7	N	3	15.1	29	-1	—	—	30	-7	0	8	—	0	0	8	19
175		EL FÂSHER								—	—	NW	1	13.0	31	0	9	-1	83	+48	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1011.6	0.0	NE	3	21.6	33	-3	19	+2	22	-6	0	8	—	0	0	47	73
177		WÂU								1011.2	0.0	N	2	20.3	34	-2	17	0	38	-13	0	—	—	0	0	164	146
178		JÛBA								1011.8	+0.7	—	0	22.7	34	-3	19	-1	66	+5	8	3	—	4	0	166	140
179		Geneina								—	—	E	1	12.4	34	—	10	—	33	—	0	8	—	0	0	14	—
180		Gallabat																									

Upper Wind Observations on 29th — ارصاد الرياح العليا يوم ٢٩

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

Height metres above M.S.L.	Salum 07h 45m Dir	Kms	Matruh 07h 00m Dir	Kms	Dikheila 07h 30m Dir	Kms	Cairo 08h 30m Dir	Kms	Helwan 08h 15m Dir	Kms	Asyut 07h 00m Dir	Kms	Aswan 07h 00m Dir	Kms	W. Halfa 05h [illegible]m Dir	Kms	Kareima 06h 00m Dir	Kms	Khartum 05h 00m Dir	Kms	Kassala 06h 00m Dir	Kms	Malakal 06h 00m Dir	Kms	Juba 06h 00m Dir	Kms	Salum 28th 13h 30m Dir	Kms	Almaza 28th 11h 15m Dir	Kms
200	160	52	140	50	130	11	150	7	120	8	—	—	—	—	30	18	—	—	—	—	—	—	—	—	—	—	220	45	20	19
500	—	—	140	35	130	26	170	6	190	4	350	9	30	24	30	27	40	48	330	50	—	—	20	45	—	—	200	24	30	11
1000	200	30	150	31	140	31	110	12	130	10	210	4	50	17	30	21	0	27	20	40	40	24	30	63	NE	29	200	18	90	13
1500	180	39			140	17	220	7	230	14	290	11	0	26	0	27	0	64	50	27	30	23	50	47	110	40	Tail		90	12
2000	180	33					210	15	210	16	320	13			0	50	240	47	70	39	70	14	60	29	110	48			130	11
3000									310	30					330	45	320	53			180	8	20	27	160	29			40	9
4000									300	49											160	14							230	21
5000																													240	30
6000																														

Forecast for 24 hours from noon on 29th

Southerly winds; on the coast moderate to fresh, strong later at times; inland light to moderate.
High cloud increasing.
Somewhat warmer tomorrow.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٢٩
رياح جنوبية مابين المعتدلة والنسيمية تشتد فيما بعد على السواحل
ومابين الخفيفة والمعتدلة في الداخل . يتكاثر السحاب العالي .
ويدفأ الطقس نوعاً غداً

Station	Mean of day: Humidity % on 28th	Diff. from normal	Wet bulb temp. °C on 28th	Diff. from normal
Alexandria	53	-12	10.0	-1.6
Ezbekiya	83	+12	10.0	-0.8
Giza	83	+7	8.6	-2.3
Helwan	47	-13	8.5	-1.0

Giza Grass minimum on 29th 1.2°C

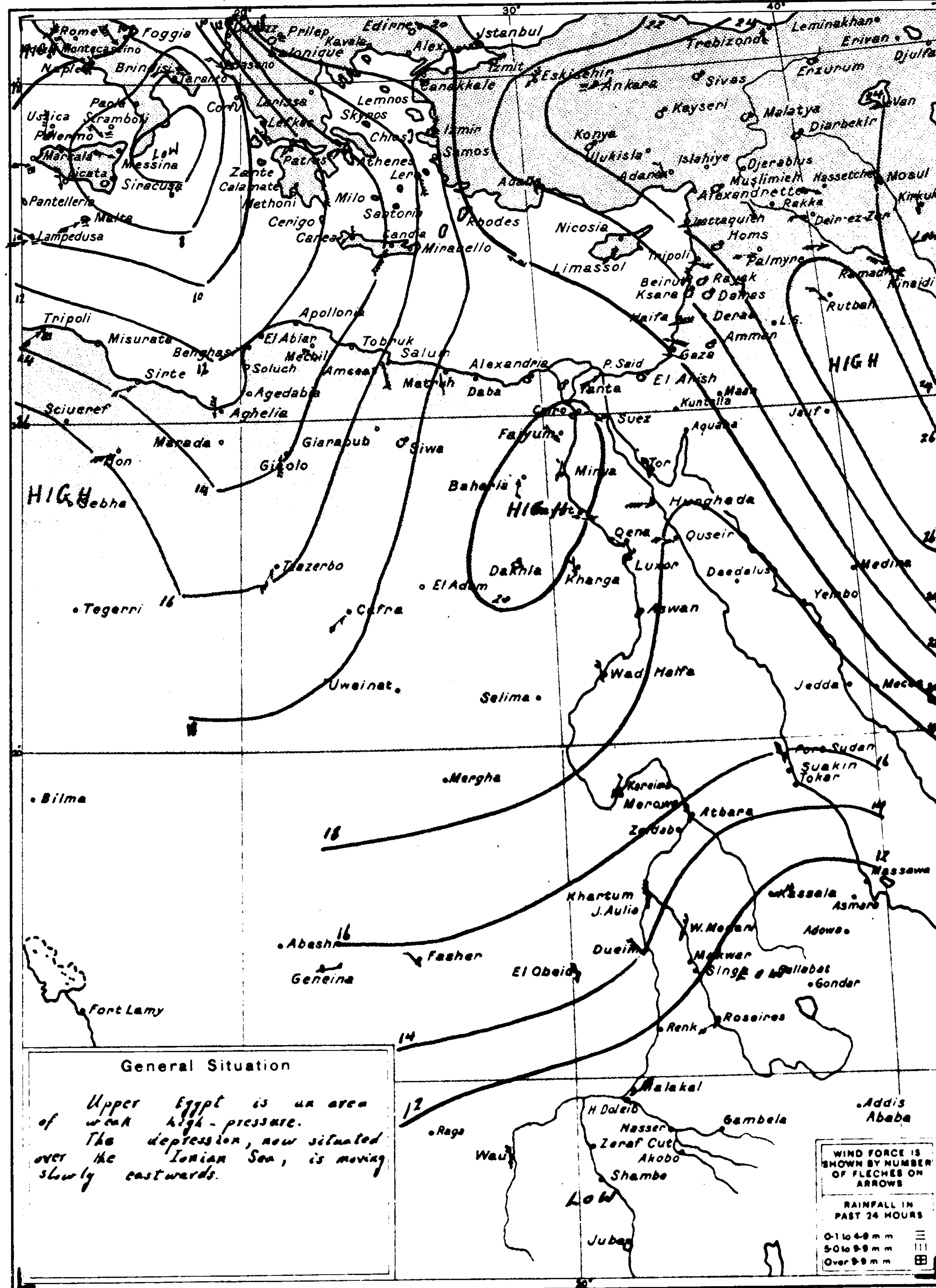
Discharges at Aswân measured by sluices m.³ per sec

Date	1937	1936
29-12	1216	1100
28-12	1214	1098

Gauge	Date 1937	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Jûba	29-12	13.65	+0.23	13.66	+0.24
Nâsser	28-12	7.25	-0.91	7.20	-0.91
Malakâl	29-12	11.65	-0.17	11.71	-0.15
Roseires	29-12	12.78	+0.25	12.81	+0.26
Sennâr Res.	28-12	20.68	—	20.68	—
Khartûm	28-12	11.33	-0.03	11.34	-0.04
Kh. el Girba	—	—	—	—	—
'Atbara	28-12	10.76	-0.15	10.76	-0.16
Kajnarti	28-12	134.15	-0.17	134.16	-0.21
Wâdi Halfa	—	—	—	—	—
Aswân Res.	29-12	120.79	—	120.74	—
D. S.	29-12	86.34	+0.20	86.39	+0.20
El Leisi	29-12	18.48	-0.05	18.46	-0.06
Rôda (Cairo)	29-12	14.66	-0.32	14.63	-0.38

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

Pressure and Wind at 8 h. 29-12-37



General Situation

Upper Egypt is an area of weak high-pressure.
The depression, now situated over the Ionian Sea, is moving slowly eastwards.

SCALE 1:15,000,000

At 8 h. on 28th — الساعة ٨ يوم ٢٨

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.	
Limassol	1021	+3	N	2	11	—	—	—	—	—	—	5	—	—	—	—	—	—	ليماسول
Haifa	1022.4	+6.0	ESE	2	11.9	19	0	8	-1	63	-5	0	—	—	—	0	312	283	حيفا
Gaza	1021.9	+5.1	SE	1	8.9	19	0	6	-3	87	+13	0	7	—	0	0	173	158	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 h. 51 m.
sunset 17 h. 04 m.

Month December 1937 ١٩٣٧ شهر ديسمبر

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT ٣٠-١٢-٣٧

1417 F.C.

No.		STATION	14h 29th 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 30th 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.
	MEDITERRANEAN	SALÛM	1012.7	SSW	9	19.0	41	7	2	1015.8	-2.4	NW	4	9.0	20	—	9	—	84	—	3	5	Sc	2	dr	8	—
		MATRÛH	1015.5	SSE	4	17.9	69	4	6	1012.7	-5.9	WSW	1	12.8	18	0	9	0	72	-6	4	6	Cb	2	0	43	66
		DIKHEILA	1018.8	—	0	19.0	50	2	8	1015.8	—	WSW	2	11.0	19	—	9	—	54	—	4	5	St	2	0	49	—
		ALEXANDRIA	1017.5	S	1	18.8	58	3	9	1014.3	-4.7	SE	4	12.1	20	+1	10	0	68	-7	4	6	As	2	0	78	95
159		DAMIETTA								1015.9	—	ESE	1	12.8	22	—	10	—	77	—	4	7	Sc	2	0	76	45
134		PORT SAÏD	1018.2	NW	2	18.2	54	0	8	1016.4	-1.0	SW	2	14.0	20	+2	12	+1	57	-20	4	6	Cb	2	0	38	31
135		EL 'ARÎSH	1017.8	—	0	20.7	46	0	6	1016.7	—	—	0	11.3	22	—	7	—	62	—	4	6	Cb	0	0	75	29
136	LOWER EGYPT	DAMANHÛR								1015.0	-3.6	ESE	3	11.0	21	0	8	0	64	-21	4	5	As	2	0	47	40
137		MANSÛRA								1015.4	—	E	1	11.7	22	+1	9	+1	67	-15	2	5	As	2	0	74	15
138		TANTA	1017.8	—	0	20.0	64	3	6	—	—	SSE	4	12.0	21	+1	7	-1	65	-18	4	5	As	2	0	47	13
139		ZAGÂZÎG	1018.2	SSW	1	19.8	57	0	8	1016.0	—	SE	1	12.8	20	-1	7	0	59	-24	1	7	Cs	1	0	27	7
141	MIDDLE EGYPT — CAIRO	ALMÂZA	1018.3	SSW	2	20.1	35	2	7	1015.9	—	S	4	17.6	22	—	5	—	24	—	4	6	As	2	0	32	—
		EZBEKÎYA	1017.5	SW	2	19.4	46	0	9	1016.0	-3.0	SSE	3	13.8	22	+3	7	0	46	-35	4	6	Sc	2	0	14	11
		GÎZA	1017.6	S	1	21.8	41	2	8	1016.2	-3.7	SSE	4	12.4	23	+3	5	-1	53	-31	4	6	As	2	0	54	9
143		HELWÂN	1017.6	SSW	2	19.0	41	1	7	1016.2	-2.4	ESE	3	15.0	20	+2	11	+3	22	-46	3	6	NS	2	0	24	9
144		SUEZ	1017.5	ENE	1	20.7	46	0	8	1017.4	-1.4	NE	2	16.2	22	+2	7	-3	59	-16	0	6	—	1	0	25	15
153	UPPER EGYPT	FAIYÛM	1018.3	SW	1	19.7	45	1	7	1016.8	-2.7	SSE	1	10.0	21	0	6	-1	50	-26	4	7	Ac	0	0	dr	6
154		MINYA	1018.2	NW	2	19.9	34	0	6	1017.0	-3.1	SE	2	10.6	20	0	6	-1	60	-20	2	5	Ac	1	0	dr	—
155		ASYÛT	1018.3	WSW	3	19.2	39	0	8	1018.0	-2.4	SE	3	10.0	22	+2	7	+1	60	-12	1	6	Sc	1	0	.0	4
156		QENA	1016.7	WNW	2	22.1	36	0	8	1018.4	-0.8	NNE	2	10.6	23	0	7	-1	48	-18	3	7	Cu	1	0	0	—
157		LUXOR	1016.7	NNW	3	26.8	42	0	8	1017.9	—	ESE	1	10.1	23	—	6	—	71	—	4	7	As	2	0	dr	—
158		ASWÂN	1015.4	N	1	22.2	35	1	8	1018.4	-0.7	N	1	12.2	23	-1	9	-1	54	+1	1	8	Ci	2	0	dr	—
148	WESTERN DESERT	SÎWA	1013.1	ESE	4	20.3	68	3	6	1015.6	-4.2	—	0	12.8	21	+2	6	+2	81	+11	4	5	Sc	1	0	dr	3
149		BAHARÎYA	1017.1	SSE	1	21.1	21	0	9	1015.6	—	SW	1	12.0	21	—	2	—	59	—	4	9	—	2	0	0	—
151		KHÂRGA	1017.5	N	1	18.1	58	0	9	1018.4	-1.0	—	0	9.0	19	-4	6	-1	70	+6	4	9	Ac	0	0	0	dr
152		DÂKHLA	1016.8	SSE	1	21.0	34	0	8	1018.7	-1.6	ENE	1	9.6	22	0	5	0	50	-6	4	6	Cc	2	0	0	—
145	RED SEA	TÔR	1016.7	NW	2	21.8	55	0	6	1017.1	-1.1	N	2	13.1	22	+1	9	0	54	-5	0	6	—	0	0	40	9
146		HURGHÂDA								1016.7	-1.4	WNW	1	15.8	22	-1	9	-2	54	-4	3	7	Ce	1	0	tr	dr
147		QUSEIR	1016.3	N	3	23.3	58	2	6	1017.1	-0.5	W	1	20.2	24	+1	16	+1	64	+14	3	6	As	2	0	4	7
169		PORT SUDAN								1015.2	-0.3	N	4	23.2	27	0	18	-2	55	-12	1	—	—	0	0	132	89
165	NORTH SUDAN	WÂDI HALFA								1018.9	-0.3	NNW	1	9.7	23	-1	7	-1	46	-6	0	8	—	0	—	—	—
166		KAREIMA								1016.4	-0.4	N	3	15.8	29	-1	12	0	24	-14	0	8	—	0	0	dr	1
167		'ATBARA								1014.3	-0.6	NE	2	19.0	29	-2	14	0	40	+3	0	—	—	0	0	1	1
168		KHARTÛM								1013.1	-1.2	NNE	3	19.1	31	-1	18	+2	46	+10	0	8	—	0	0	2	5
170		KASSALA								1010.6	-2.1	E	2	23.0	33	-1	18	+2	56	-5	0	8	—	0	0	dr	11
171	CENTRAL SUDAN	WAD MEDANI								1011.6	-1.8	NNE	2	20.5	31	-3	10	-6	37	-2	0	—	—	0	0	16	13
173		DUEIM								1011.6	-1.8	N	3	19.4	31	-3	16	+2	40	+7	0	—	—	0	0	14	12
		RENK																									
172		ROSEIRES								1010.2	-1.7	NNW	1	21.4	35	-1	—	—	31	-14	6	—	—	—	0	38	37
174		EL OBEID								1014.1	-1.7	N	4	16.1	32	+2	11	0	32	-4	0	8	—	0	0	8	19
175		EL FÂSHER								—	—	NW	1	13.5	32	+1	8	-2	77	+42	0	—	—	0	0	32	8
176	S. SUDAN	MALAKÂL								1010.7	-0.9	NNE	3	21.1	34	-2	16	-1	27	-1	2	8	Ac	1	0	47	93
177		WÂU								1007.5	-1.7	NNW	2	21.6	36	0	18	+1	38	-13	0	—	—	0	0	164	146
178		JÛBA								1011.1	+0.1	—	0	23.8	36	-1	19	-1	53	-8	0	4	—	1	0	166	140
179 180		Geneina Gallabat								—	—	NE	2	12.0	34	—	10	—	35	—	0	8	—	0	0	14	—

At 14h. on 29th — الساعة ١٤ يوم ٢٩ ; At 8h. on Thursday 30th — الساعة ٨ يوم الخميس ٣٠

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

Height metres above M.S.L.	Salum 07h.30m. Dir. E.of N.	Salum Kms. per hour	Matruh 07h.00m. Dir.	Matruh Kms.	Dikheila 08h.00m. Dir.	Dikheila 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 06h.00m. Dir.	W.Halfa Kms.	Kareima 06h.00m. Dir.	Kareima Kms.	Khartum 06h.00m. Dir.	Khartum Kms.	Kassala 06h.00m. Dir.	Kassala Kms.	El Obeid 06h.00m. Dir.	El Obeid Kms.	Malakal 05h.00m. Dir.	Malakal Kms.	Juba 07h.00m. Dir.	Juba Kms.	Almaza 29th 11h.00m. Dir.	Almaza Kms.
200	300	27	270	26	200	53	180	54	160	19	—	—	—	—	10	6	—	—	—	—	—	—	—	—	—	—	—	—	310	4
500	330	32	290	13	230	51	190	66	180	43	190	34	100	19	40	21	50	43	30	51	—	—	—	—	20	39	—	—	160	7
1000	20	22	250	19	200	18	210	59	200	47	230	24	50	18	40	14	40	23	40	61	50	31	40	55	30	43	140	48	130	8
1500	260	37	260	24	190	42	270	32	220	63	250	34	40	13	50	39	30	40	40	27	20	16	60	37	60	31	130	66	210	8
2000	260	67					240	36	230	60			10	28	50	37	30	61	120	11	350	8	80	14	70	27	140	42	220	25
3000									Ent. Ac						350	34	30	34	100	18							170	8	290	31
4000																														
5000																														
6000																														

Forecast for 24 hours from noon on 30th

On the coast fresh southerly winds, strong at times, veering later to west or northwest.
Inland fresh to strong southeast winds, becoming moderate southwest to west.
Much low cloud. Rain in the north; possibly scattered showers inland.
Little change in temperature.

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم ٣٠
نسيم [illegible] جنوبي على السواحل تشتد احيانا وتتحول الى الغربية او الشمال الغربي
ورياح ما بين النسيمية والشديدة جنوبية شرقية في الداخل تتحول الى الجنوبية الغربية
والغربية وتعتدل. يكثر السحب المنخفضة. امطار في الشمال وربما
امطار خفيفة في الداخل. ودرجة الحرارة تقريبا كما هي

STATION	Mean of day — Humidity % on 29th	Diff. from normal	Wet bulb temp. °C on 29th	Diff. from normal
Alexandria	56	-9	11.9	+0.3
Ezbekiya	79	+8	9.9	-0.9
Giza	84	+8	9.7	-1.1
Helwân	51	-9	9.1	-0.4

Giza Grass minimum on 30th 3.8°C

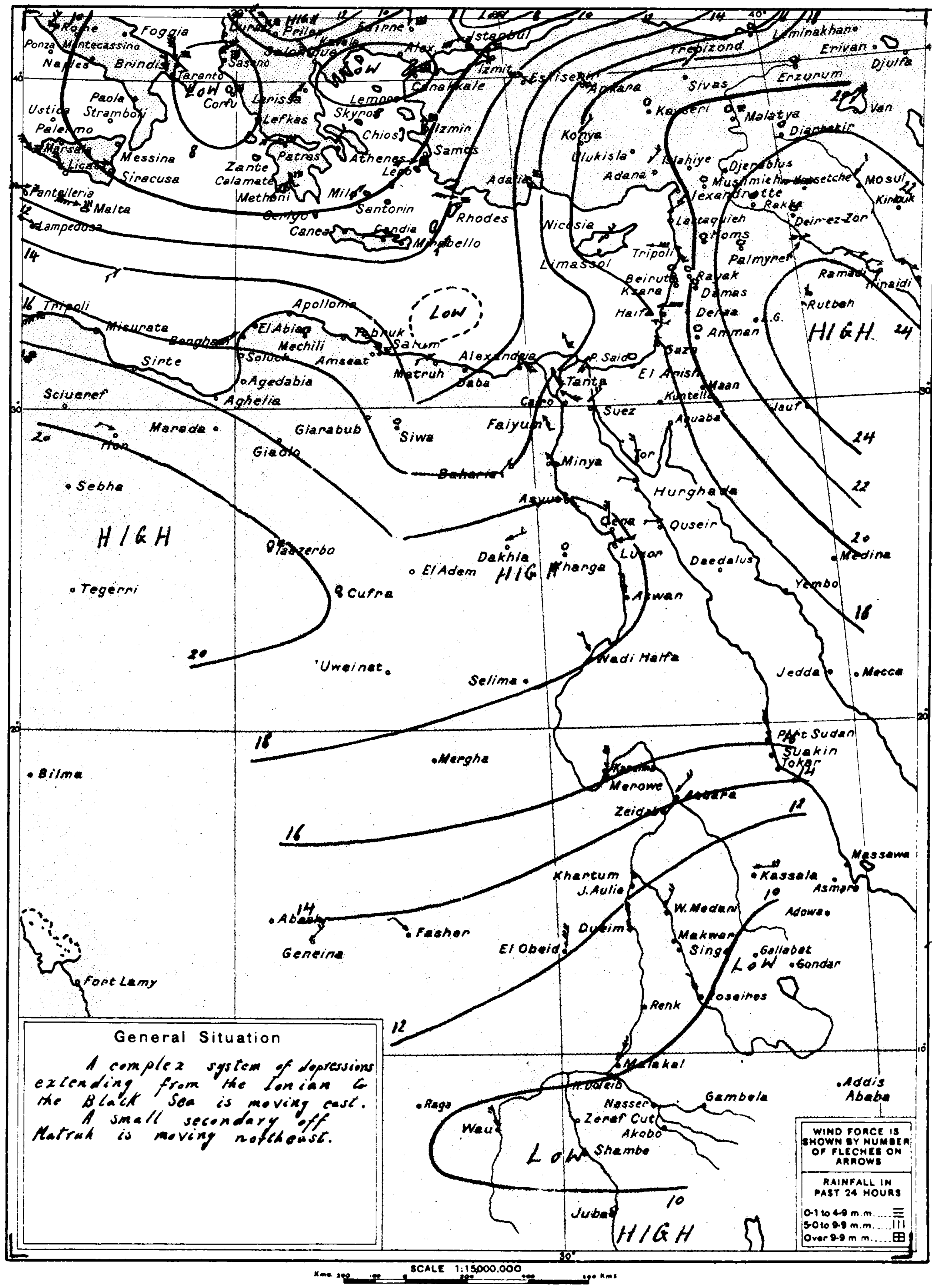
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1937	1936
30-12	1272	1099
29-12	12[illegible]	[illegible]

GAUGE	Date 1937	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-12	13.65	+0.22	13.65	+0.23
Nâsser	28-12	7.05	-0.91	7.20	-0.91
Malakâl	30-12	11.59	-0.21	11.65	-0.17
Roseires	30-12	12.76	+0.36	12.78	+0.35
Sennâr Res.	29-12	20.68	—	20.68	—
Khartûm	29-12	11.32	-0.02	11.33	-0.03
Kh. el Girba	—				
'Atbara	29-12	10.75	-0.15	10.76	-0.15
Kajnarti	29-12	134.12	-0.18	134.15	-0.17
Wâdi Halfa	—				
Aswân Res.	30-12	120.83	—	120.79	—
D. S.	30-12	86.46	+0.22	86.39	+0.20
El Leisi	30-12	18.43	-0.06	18.46	-0.05
Rôda (Cairo)	30-12	14.63	-0.33	14.66	-0.32

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

Pressure and Wind at 8 h. 30-12-37



General Situation

A complex system of depressions extending from the Ionian to the Black Sea is moving east.
A small secondary off Matruh is moving northeast.

STATION		8h 29th 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		1020	+2	NE	2	13	—	—	—	—	—	—	0	—	—	—	—	—	—	ليماسول
Haifa		1021.6	+5.2	E	4	14.0	21	+2	11	+2	42	-26	0	—	—	—	0	312	289	حيفا
Gaza		1019.5	+2.7	ESE	1	12.7	20	+1	8	0	58	-17	0	9	—	0	0	173	162	غزة

At 8h. on 29th — الساعة ٨ يوم ٢٩

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. 51
sunset h. 17 m. 05

Month December 1937 ١٩٣٧

[redacted]STRY OF PUBL[redacted] PHYSICAL DEPARTMENT

1417 F.C.

DAILY [redacted]ER REPORT

At 14h. on 30th — الساعة ١٤ يوم ٣٠ — At 8h. on Friday 31st — الساعة ٨ يوم ٣١ [redacted] ١٩٣٧

	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	[redacted]	[redacted]	[redacted]	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	1015.5	WNW	7	15.5	33	2	7	1020.3	+2.1	W	6	4.4	17	—	4	[redacted]	[redacted]	[redacted]	[redacted]	5	Cu	0	0	8	—
	MATRÛH	1013.1	WNW	5	17.9	91	4	6	1018.4	-0.2	WSW	3	8.7	18	0	7	[redacted]	[redacted]	[redacted]	[redacted]	6	Cu	1	0	43	67
	DIKHEILA	1019.4	WSW	4	18.7	37	4	5	1019.2	—	WSW	2	10.7	19	—	8	[redacted]	[redacted]	[redacted]	[redacted]	7	—	1	0	49	—
	ALEXANDRIA	1011.5	WSW	5	18.2	43	4	7	1018.0	-1.0	SW	2	12.6	20	+1	10	0	[redacted]	[redacted]	[redacted]	8	Cu	2	0	78	97
159	DAMIETTA								1017.8	—	SW	2	10.0	17	—	9	—	87	—	0	8	—	1	0	76	43
134	PORT SAÎD	1013.3	NW	3	18.2	54	4	7	1018.4	+1.0	SW	3	14.0	19	+1	12	+2	73	-4	0	8	—	1	0	38	31
135	EL 'ARÎSH	1013.4	—	0	18.9	53	4	6	1017.4	—	SW	2	13.4	24	—	12	—	66	—	0	6	—	6	tr.	75	30
136	LOWER EGYPT DAMANHÛR								1018.7	+0.1	SW	2	8.7	20	-1	7	-1	67	-18	0	8	—	0	0	47	41
137	MANSÛRA								1017.8	—	SW	1	8.5	18	-3	7	-1	81	-1	0	7	—	0	0	74	15
138	TANTA	1012.4	SW	5	17.5	48	4	5	1019.6	+0.4	SW	2	9.0	18	-2	6	-2	73	-10	0	6	—	0	0	47	13
139	ZAGÂZÎG	1012.4	SW	2	17.9	43	4	7	1019.4	—	SW	1	12.8	18	-3	9	+2	73	-10	0	7	—	1	0	27	7
141	MIDDLE EGYPT CAIRO ALMÂZA	1013.1	SSW	7	20.0	18	4	5	1020.0	—	SSE	3	12.3	21	—	8	—	71	—	2	7	Cu	2	—	32	—
	CAIRO EZBEKÎYA	1012.8	WSW	3	18.4	36	4	8	1019.6	+0.6	—	0	11.8	18	-1	11	+4	85	+4	2	5	Cu	1	dr	14	11
	CAIRO GÎZA	1013.0	S	3	18.2	31	4	7	1019.8	-0.1	S	1	11.7	18	-2	10	+4	84	0	2	6	Sc	2	dr	54	9
143	HELWÂN	1013.6	SSE	3	18.1	31	4	6	1019.8	+1.2	SSE	2	12.0	19	+1	10	+2	67	-1	2	6	Sc	1	dr	24	9
144	SUEZ	1014.0	NW	1	19.3	63	4	7	1018.4	-0.4	NE	1	13.6	20	0	11	+1	72	-3	0	6	—	1	dr	25	15
153	UPPER EGYPT FAIYÛM	1015.1	SSW	1	16.3	42	4	7	1019.8	+0.3	—	0	11.0	18	-3	9	+2	77	+1	2	7	Ac	1	dr	dr	6
154	MINYA	1015.6	N	1	16.8	51	4	5	1019.6	-0.5	NNW	1	11.5	17	-3	10	+3	80	0	2	6	Cu	1	4	4	—
155	ASYÛT	1015.6	ESE	3	18.0	58	4	6	1019.4	-1.0	WSW	3	13.2	19	-1	10	+4	71	-1	4	6	Sc	2	0	0	4
156	QENA	1015.4	WSW	1	24.3	39	4	8	1017.4	-1.8	WNW	1	14.8	25	+2	9	+1	68	+2	4	7	Cu	2	0	0	—
157	LUXOR	1015.1	NNW	1	23.4	48	4	7	1017.0	—	E	1	12.3	25	—	10	—	75	—	4	7	Cb	2	0	dr	—
158	ASWÂN	1013.6	N	2	24.1	42	3	8	1017.1	-2.1	—	0	14.6	25	+1	11	+1	65	+12	1	8	Cu	2	0	dr	
148	WESTERN DESERT SÎWA	1016.8	W	1	16.6	81	4	6	1020.2	+0.2	—	0	5.9	16	-3	1	-3	—	—	0	6	—	0	0	dr	3
149	BAHARÎYA	1015.4	WSW	2	18.0	36	4	9	1018.6	—	N	2	11.0	20	—	8	—	77	—	1	9	—	1	0	0	—
151	KHÂRGA	1015.1	N	1	22.2	45	2	9	1017.9	-1.5	N	1	17.0	22	-1	7	0	61	-3	4	9	Ac	0	0	0	dr
152	DÂKHLA	1016.3	N	1	24.2	25	3	7	1018.8	-1.5	WNW	1	15.1	25	+3	9	+4	52	-4	3	6	Ac	0	0	0	—
145	RED SEA TÔR	1014.8	NW	1	22.0	21	0	6	1016.4	-1.8	N	3	16.1	23	+2	13	+4	76	+17	0	5	—	0	0	40	9
146	HURGHÂDA								1016.8	-1.3	W	3	17.8	21	-1	15	+4	68	+10	4	7	Ns	2	0	tr.	dr.
147	QUSEIR	1016.4	NE	2	23.3	63	2	7	1016.7	-1.0	W	3	20.4	25	+2	17	+2	52	+2	4	6	Ns	2	0	4	7
169	PORT SUDAN								1014.6	-0.9	N	4	23.6	27	0	20	0	62	-5	4	—	—	2	0	132	90
165	NORTH SUDAN WÂDI HALFA								1017.6	-1.6	N	1	11.5	24	0	10	+2	43	-9	0	8	—	0	—	—	—
166	KAREIMA								1015.7	-1.1	NNE	2	17.8	29	-1	13	+1	36	-2	2	8	Ci	0	0	[illegible]	1
167	'ATBARA								1012.6	-2.3	NNW	3	19.8	30	-1	15	+1	57	+20	0	—	—	0	0	1	1
168	KHARTÛM								1013.4	-0.9	N	4	19.2	33	+1	15	-1	38	+2	0	8	—	0	0	2	5
170	KASSALA								1010.7	-2.0	E	1	22.1	33	-1	18	+2	74	+13	0	8	m	0	0	dr	11
171	CENTRAL SUDAN WAD MEDANI								1011.8	-1.6	NNW	2	20.5	33	-1	15	-1	45	+6	0	—	—	0	0	16	13
173	DUEIM								1012.2	-1.2	W	3	21.2	33	-1	17	+3	37	+4	0	—	—	0	0	14	12
	RENK								—					—		—		—								
172	ROSEIRES								1009.9	-2.0	NNW	1	21.7	37	+1	20	+4	46	+1	0	—	—	0	0	38	37
174	EL OBEID								1013.1	-2.7	N	2	16.6	30	0	13	+2	34	-2	0	8	—	0	0	8	19
175	EL FÂSHER								—	—	NE	1	13.5	34	+3	8	-2	77	+42	0	—	—	0	0	32	8
176	S. SUDAN MALAKÂL								1009.4	-2.2	NNE	4	24.6	35	-1	20	+3	34	+6	3	8	Ac	2	0	47	93
177	WÂU								1007.5	-3.7	N	2	21.9	37	+1	18	+1	33	-18	0	—	—	0	0	164	146
178	JÛBA								1009.6	-1.4	—	0	25.9	38	+1	20	0	55	-5	1	6	Ci Cu	1	0	166	141
179 180	Geneina Gallabat								—	—	NE	3	16.2	35	—	13	—	15	—	0	8	—	0	0	14	—

Upper Wind Observations on 31st — ارصاد الرياح العليا يوم ٣١

Height metres above M.S.L.	Dikheila 08h 15m Dir. E.of N.	Kms. per hour	W. Halfa 04h 00m Dir. E.of N.	Kms. per hour	Kareima 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	El Obeid 06h 00m Dir. E.of N.	Kms. per hour	Malakal 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	Salum 30th 13h 45m Dir. E.of N.	Kms. per hour	Almaza 30th 11h 15m 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	270	31	30	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	270	47	200	51								
500	270	34	30	34	50	51	20	40	—	—	—	—	20	27	—	—	—	—	280	38	210	54								
1000	280	26	40	34	60	48	40	47	50	21	40	53	30	—	130	47	40	47	280	31	240	45								
1500	260	35	50	26	50	51	120	13	270	5	50	34	50	26	130	61	60	50	270	44	260	45								
2000	ent. Cu.		110	8	20	29	160	8	290	18	330	34	60	14	150	53	70	40			280	37								
3000			280	39	320	19					300	18	70	14	170	48	50	13												
4000			290	40													90	3												
5000																														
6000																														

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

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر

STATION	Mean of day Humidity % on 30th	Diff. from normal	Wet Bulb Temp. °C on 30th	Diff. from Norm.
Alexandria	63	-2	11.8	[redacted]
Ezbekiya	53	-18	10.9	[redacted]
Gîza	59	-17	10.1	[redacted]
Helwân	37	-23	9[redacted]	[redacted]

Gîza Grass minimum on 31st [redacted]

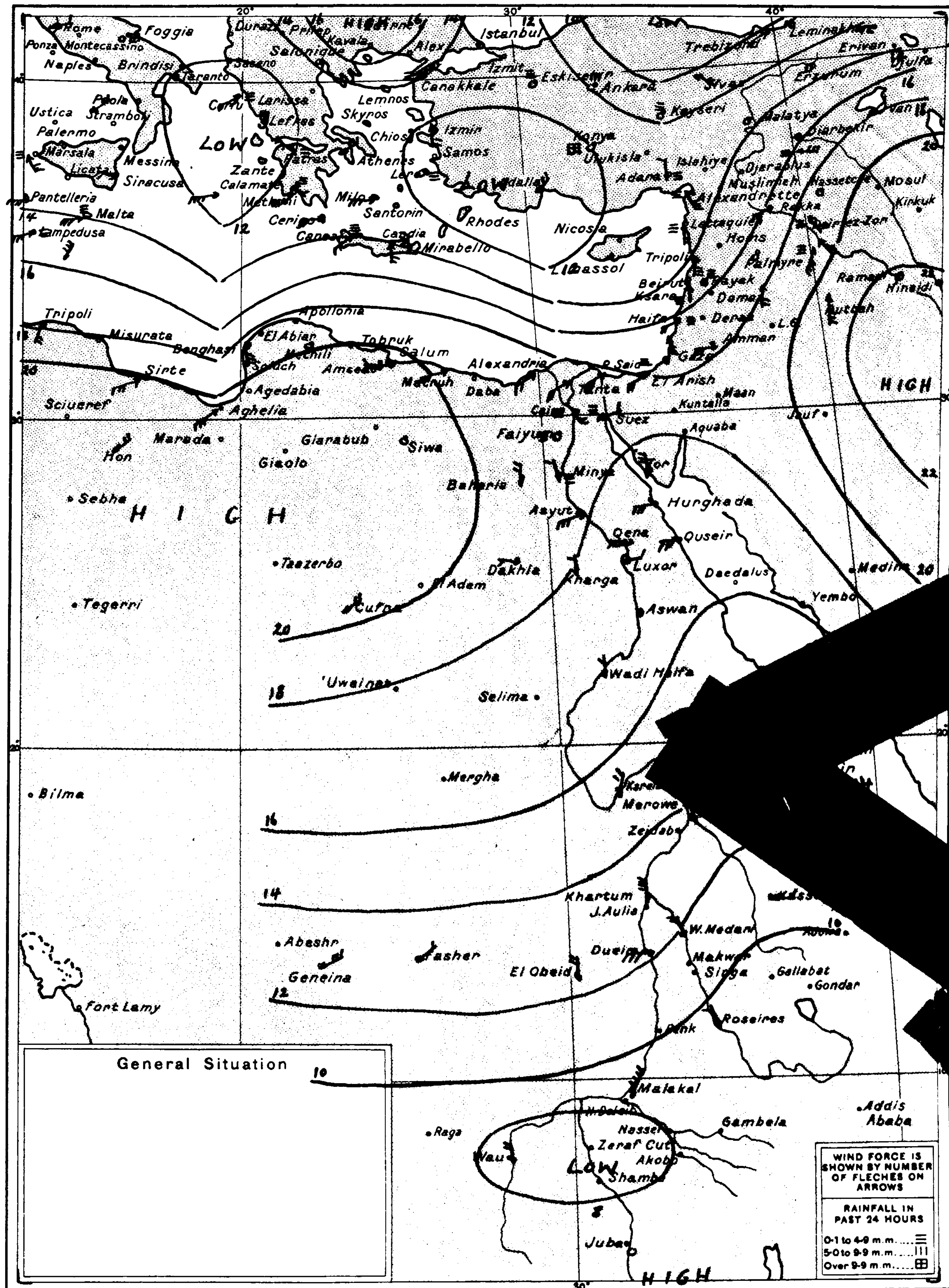
Discharges at As[redacted] measured by sl[redacted] m.³ per s[redacted]

DATE	19[redacted]
31-12	[redacted]

Station	Date 1937	Rea[redacted] m.	Previous day [redacted]ading m.	Diff. from normal m.
[redacted]	31-12	13[redacted]	[redacted]66	+0.22
[redacted]	30-12	6[redacted]	[redacted]94	-0.93
[redacted]	31-12	11[redacted]	[redacted]57	-0.21
[redacted]	31-12	12.[redacted]	[redacted]76	+0.26
[redacted]	31-12	20.[redacted]	[redacted]68	—
[redacted]rba	31-12	11.[redacted]	[redacted]30	-0.02
[redacted]	31-12	10.[redacted]	[redacted]79	-0.15
[redacted]ti	31-12	134.[redacted]	[redacted]10	-0.18
[redacted] Halfa				
[redacted]ân Res.	31-12	120[redacted]	[redacted]83	—
,, D. S.	31-12	86[redacted]	[redacted]	+0.37
[redacted]	31-12	[redacted]	[redacted]	[redacted]
[redacted]Cairo)	31-12	[redacted]	[redacted]	[redacted]

Printed by the Survey of Egypt, 1936. (36/530[redacted]

Pressure and Wind at 8h. 31-12-1937 — ٣١-١٢-١٩٣٧



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 [illegible]
¾ Clouded [illegible]
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
[illegible]
10 [illegible]
20
50 8
Visible over [illegible] 9

CLOUD

Cirrus
Cirro-cumulus
Cirro-stratus
[illegible]-stratus
[redacted]
Fog, [illegible]
Drizzle
Rain
Snow
Showers
Thunder

HOURS A[illegible] STANDARD T[illegible] AND ARE T[illegible] ON GREENW[illegible]

Rem[illegible]

ANNUAL SU[illegible]

At 8h. on 30th — الساعة ٨ يوم ٣٠

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 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
Limassol	1021	+3	NE	2	15	—	—	—	—	—	—	4	—	—	—	—	—	—	ليماسول
Haifa	1018.2	+1.8	E	5	13.2	22	+3	11	+2	41	-27	6	—	—	—	0	312	296	حيفا
Gaza	1017.0	+0.2	SE	1	12.2	23	+4	7	-1	64	-11	4	4	—	2	0	173	166	غزة